



INVESTING IN IOWA'S WATER

FY 2020 ANNUAL REPORTS
Clean Water State Revolving Fund
Drinking Water State Revolving Fund



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Clean Water SRF

Drinking Water SRF

Clean Water and
Drinking Water SRF



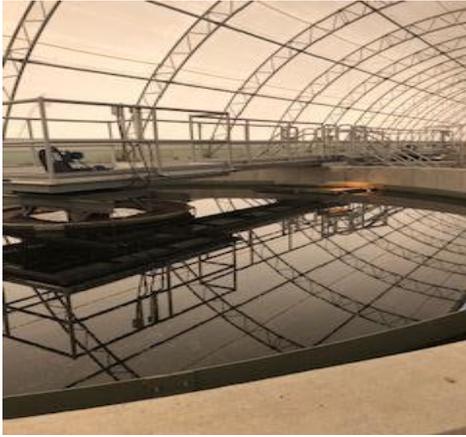
Annual Report

Clean Water State Revolving Fund

Drinking Water State Revolving Fund

Fiscal Year 2020

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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, 2019 through June 30, 2020.

Project Highlights

The SRF Program is one of Iowa's primary sources for investments in safe and clean water. Here are a few examples that show the varying issues that are being addressed in our state and how SRF is helping.

- The **City of Farley**. Farley is located in Dubuque County, approximately 20 miles west of the City of Dubuque. Farley operates three existing wells locally known as Well Nos. 2, 3 and 4. Well Nos. 2 and 3 supply finished water to the distribution system from a common location in the community, while Well No. 4 supplies from a separate location. The City routinely experienced levels of radium at Well No. 2 & 3 that exceed the Maximum Contaminant Level (MCL). A Hydrous Manganese Oxide (HMO) treatment system was proposed to remove radium from the raw well water prior to distribution to the City's water system. The DWSRF project involved the construction of a new water 400 gpm capacity radium removal treatment plant consisting of a 3-cell horizontal pressure filter, HMO, gas chlorine, blended phosphate, and an onsite emergency power generator.



Prior to the completion of this DWSRF project, treatment at Well Nos. 2 and 3 consisted of liquid chlorine and phosphate chemical feed additions, with no radium removal equipment. Long term consumption of water containing high radium concentrations leads to an increased risk of cancer. Additionally, there was no emergency power available at Well Nos. 2 and 3 to supplement Well No. 4 in the event of an outage.

As a result of this DWSRF project, the system now actively treats to remove combined radium at Well Nos. 2 and 3. Although the system did experience a combined radium MCL at Well Nos. 2 and 3, a Department of Natural Resources (DNR) compliance schedule to implement treatment for combined radium had not been mandated. The City's decision to install treatment for radium was a proactive approach both in anticipation of mandated compliance and to provide water of similar quality throughout the community. The treatment should allow the system to maintain compliance by reducing finished water combined radium concentrations below the established MCL. The cancer risk associated with consuming water with high radium concentrations has been reduced.

- **Postville Urban Stormwater Best Management Practice (BMP) Sponsored Projects.** Managing storm water for quality and quantity is a challenge for many communities. **The City of Postville** took advantage of funding through

the Clean Water SRF (CWSRF) Water Resource Restoration Sponsored Projects to make an impact on water quality in their community. This community of approximately 2227 people committed to borrowing over \$5.6 million dollars to construct wastewater treatment facility upgrades. This allowed the City to apply for more than \$400,000 dollars in sponsored project funding. Postville funded a number of different stormwater BMPs to address urban runoff to Williams Creek and the Yellow River watershed. This included the South Ogden Street permeable paver parking with 27 highly utilized parking spaces, Greene Street enhanced rain garden, and Arthur F Brandt Drive enhanced rain garden. Sponsored Project funds were also used to leverage National Fish and Wildlife Foundation and USEPA grant funds and for the construction of a Regional Urban Stormwater Demonstration Site at the Northeast Iowa Resource Conservation & Development office in Postville. This demonstration site involved the construction of a variety of stormwater BMPs including: rain garden; bioswale; pollinator garden; tree/orchard plantings; soil amendments; permeable paver parking, drive, patio, and sidewalk; low maintenance turf; and infiltration trench. This site is being used to educate teachers, students, city officials, and the general public about stormwater and water quality by being able to show many practices at one site. The combination of these practices has caused zero surface runoff from the site.



- **A Keokuk County beginning farmer** purchased his first farm in 2019. The farm was overtaken with trees and brush, the fences needed repair, and adequate water sources were not in place but he had a goal to make it a good grazing farm. Through federal funding and a subsequent Clean Water SRF Local Water Protection Program (LWPP) loan he was able to do just that. He installed 2 ponds with water tanks, a tile outlet terrace was installed above one of the ponds to control erosion, 11750 feet of fence was installed, and 48 acres of seeding was established with another 62 acres to be seeded in 2021. All of this was possible with the Federal/State partnership that the Environmental Quality Incentives (EQUIP) and SRF Programs provided.
- **A dairy operation in the Price Creek Watershed in Benton County** had a lagoon that was undersized and at risk of overflowing. They used a Clean Water SRF Livestock Water Quality Program (LWQP) loan along with federal funding

to install a new waste storage facility and a sand lane to reduce the amount of sand going to the lagoon. The new facility is a two-stage system that separates the solid and liquid manure for improved handling and provides increased capacity to allow the landowner to apply the manure at the appropriate time. This project will improve the operation and reduce bacteria loads to Price Creek.

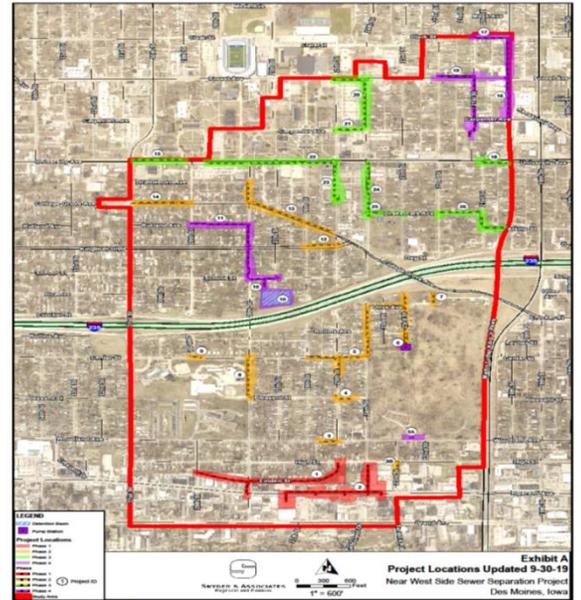


- Iowa Natural Heritage Foundation (INHF)** is improving water quality through environmental stewardship. INHF acquired the 436-acre Longnecker property along the South Skunk River in Story County with the long-term goal to permanently protect and restore the property for public benefit and further improve water quality and flood storage capacity of the South Skunk River. The Longnecker property habitat is a mixture of Conservation Reserve Program (CRP) land, pasture, cropland and woodland. The lower segment of the South Skunk River in Story County that flows through the property is on Iowa’s impaired waters list due to high bacterial content. The protection and restoration of native vegetation on this property will help to manage downstream flooding and reduce the amount of nonpoint source pollution entering the South Skunk River. Restoration of the remaining crop fields to wetlands and native prairie will ensure the Longnecker property permanently provides water quality benefits that mitigate the causes of the South Skunk River’s impaired water classification.



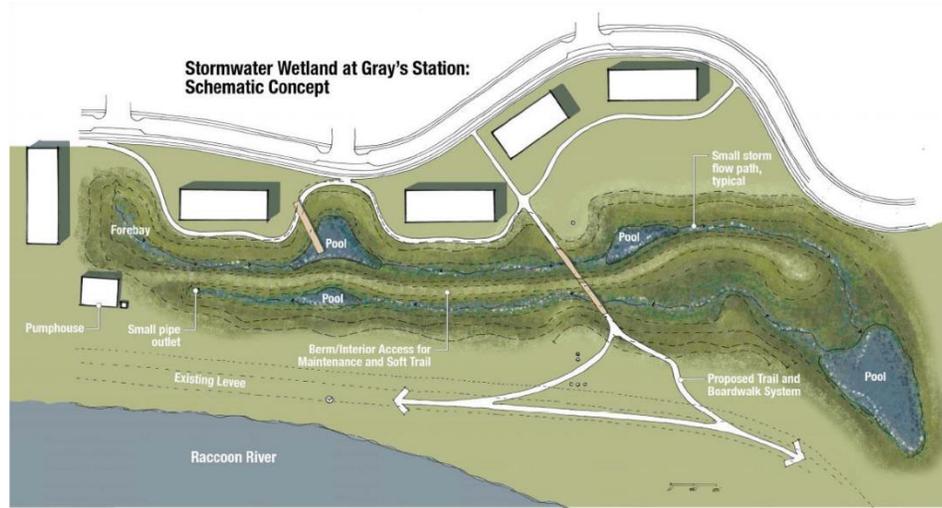
The property will be transferred in separate tracts over several years to Story County Conservation Board (CCB). This project will have a strong, positive impact on the quality of the South Skunk River corridor, through protection of the floodplain and the restoration of permanent vegetation on the land. The Longnecker property is also located close to urban centers, providing easy access for people to enjoy the area once in public ownership. Interim loan assistance from SRF through loan participation will benefit Iowa taxpayers by reducing the overall project costs.

- The City of Des Moines** is required to eliminate Combined Sewer Overflows (CSO) as part of their current National Pollutant Discharge Elimination System (NPDES) permit to implement the Long Term Control Plan (LTCP). The project consists of separating stormwater flow from the existing sanitary (combined) sewer system with the goal to prevent, reduce and eliminate the effects of combined sewer overflows into the Des Moines River. The CWSRF project includes multiple phases of sewer improvements and the work will take place in the area known as the **Near West Side**. New storm sewers will eliminate 75 combined sewer connections. A total CWSRF loan of \$18.5M was split evenly between Sewer Revenue and Stormwater Revenue.



This project had an Environmental Review (ER) that required a phased and fairly complicated Programmatic Agreement to evaluate and address the multiple historic components: possible burials, trolley lines, brick paved streets, etc. There were 5 Findings of No Significant Impact (FNSI) issued to cover various phases of work. All the ER work for this project was conducted by Iowa SRF staff on behalf of the applicant.

The City of Des Moines amended their CWSRF Sewer Revenue backed loan when awarded \$750,000 in Sponsored Project funds for the **Gray's Station Regional Stormwater Wetland Project**. The stormwater wetland is part of an urban redevelopment project and will provide storage and treatment of stormwater from 165 acres of existing and redeveloped areas of downtown Des Moines in the Raccoon River watershed. The proposed site improvements merge the existing two dry bottom basins and a wet bottom basin into a single, larger wetland system. A deep-water zone is included to provide an open water area for improved aesthetics and allow a fish population to survive.



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.

The Iowa SRF has provided almost \$3.9 billion in cumulative assistance as of SFY 2020. 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. Therefore, Iowa communities have not needed to utilize other programs like the Water Infrastructure Finance and Innovation Act (WIFIA), a federal credit program administered by EPA for eligible water and wastewater infrastructure projects, which was designed to provide subsidized financing for large dollar-value projects.

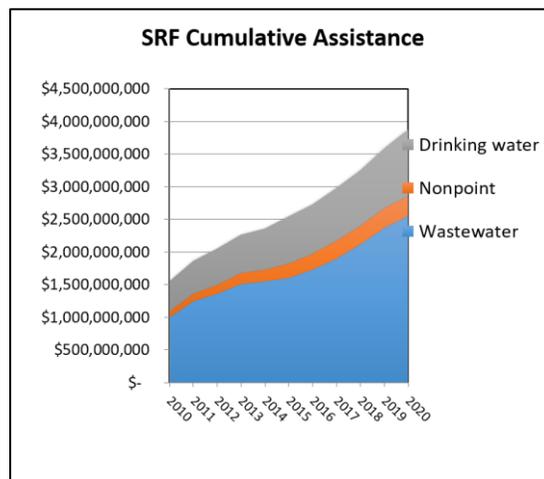
For the DWSRF, the loan amounts in SFY 2020 ranged from \$23,000 for the **City of Worthington's** planning and design loan to a \$22 million dollar loan to the **City of Grimes** for a new water tower, new Jordan well and a new reverse osmosis treatment plant. The smallest CWSRF loan was \$24,000 to the **City of Ladora** for planning and design of a new lift station and the largest loan of \$17 million to the **City of Indianola** was for the construction of a new wastewater treatment plant (this is the first loan closed on this \$55 million dollar project).

Unlike many states that are only funding water and wastewater infrastructure, Iowa is also able to provide 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 February 2020, the Iowa Finance Authority issued \$201,825,000 in Green bonds for both Clean Water and Drinking Water SRF Programs. Because of its high AAA bond rating, the SRF Program can borrow at lower rates than most utilities in Iowa. The leveraged funds are combined with the revolved and federal funds to allow 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. They would be borrowing at 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 are offered an interest rate reduction. In SFY 2020, 34 communities (43 loans) took advantage of the opportunity to refinance and reduced their SRF loan interest rate from 3% to 1.75% for a savings of \$9,653,800 over the remaining term of the loans.



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 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 provide the minimum required amount and 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. 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.

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 With any government program, there are requirements that must be met to become eligible to participate. 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. A total of 94 new environmental reviews and reaffirmations were completed during SFY 2020.

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 over \$4 in assistance for every \$1 of federal funds received and its DWSRF has delivered almost \$3 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 also more than 400 lending institutions across the state that make low-cost loans available to borrowers through a linked deposit arrangement with the SRF.

- **Pilot Grove Savings Bank** has been a participant of the Linked Deposit Programs since 2006 and has funded 160 linked deposits totaling over \$2.2 million.



“Pilot Grove Savings Bank has always lived by our motto of ‘Working for Southeast Iowa’. Partnering with Iowa Finance Authority’s Linked Deposit Program has been a tremendous compliment to the pledge made to the communities we serve. Soil conservation and water quality loans exemplify Pilot Grove Savings Bank’s commitment to the community by benefiting the landowner and neighbors both near and far. We are proud to have Iowa Finance Authority as a business partner.” *Jordan P. Kramer, Assistant Vice President, Pilot Grove Savings Bank*

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:

- The **City of Mitchellville**, population 2254, qualified for a \$500,000 grant from CDBG and borrowed the remaining \$562,000 from the Drinking Water SRF Program for their water main replacement project.
- The **City of Madrid**, population 2543, was approved on the IUP for construction of wastewater treatment plant improvements to meet new effluent limits, including activated sludge units, equalization basin and the addition of ultraviolet (UV) disinfection. Madrid qualified for a \$600,000 grant from CDBG which allowed them to reduce their borrowing from the Clean Water SRF Program down to \$7,843,000.

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, leaves little need for an applicant to also borrow from the SRF Program to finance the construction of their project. Because of this, project construction costs are rarely co-funded with both USDA-RD and SRF.

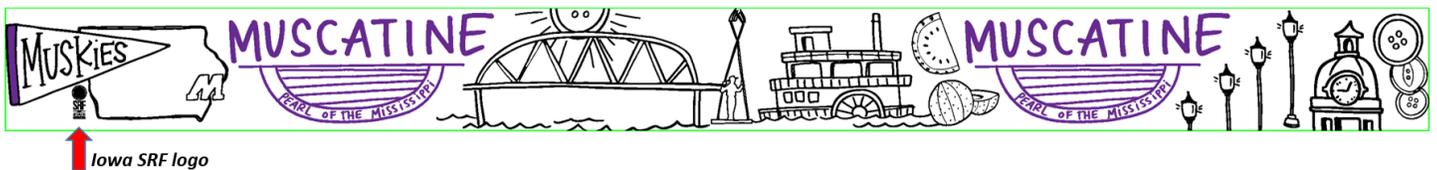
Even though projects co-funded with SRF are rare, we are working with a community that plans to take a construction loan from both SRF and USDA-RD for the same project in order to keep user rates affordable. Applications are expected in FY 2021 so we look forward to reporting on those efforts next year.

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.

- In September 2018, the **City of Malvern** borrowed \$228,000 for a Drinking Water SRF P&D loan to cover the costs of planning for improvements to their well building, constructing a new ion exchange water treatment facility, rehabilitating their existing water tower, and replacing 3,220 LF of water main and service lines. Having an SRF P&D loan to pay for the development of a Preliminary Engineering Report (PER) allowed the City to apply for U.S. Department of Agriculture-Rural Development (USDA-RD) funding. This project started construction in April 2020.

State grants. The programs discussed above are all federally funded. In 2018, Iowa legislature created a Wastewater and Drinking Water Treatment Financial Assistance Program to provide financial assistance to enhance Iowa’s water quality. The program 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 2020, \$775,000 was awarded to six projects. Approximately \$2 million will be allocated to this program in FY 2021.

Outreach. In celebration of 2,000 State Revolving Fund (SRF) water quality loans made to Iowa communities, the Iowa SRF Program sponsored a Home Town 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 created a two minute video that showcased their hometown pride and featured a water element in their community. Video submissions were accepted August 19-September 30 and a public vote was held October 1-11 to determine the winning video. Iowa Finance Authority (IFA) received 24 video entries that ranged from high school marketing projects to professionally video graphed submissions. **Muscatine Power and Water** won the contest with over 9,000 votes. The final water tower design is below and the winning video can be found here <https://www.youtube.com/watch?v=DIYbMIZhRME&feature=youtu.be>



Continuous Improvement. In February 2020, the SRF Program participated in a Value Stream Mapping Process for the DWSRF, CWSRF and Nonpoint Source Programs. The Iowa SRF Program is administered through a coordinated partnership between the Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA). Participants in the exercise included SRF staff from DNR and IFA, one customer (city) representative, two consulting engineers from different firms, a municipal public works director, and a staff member from Environmental Protection Agency (EPA) Region 7. The intent of the exercise was to identify our current processes, educate each other on our roles and responsibilities, and to identify ways to eliminate duplication, streamline or improve our internal and external processes and improve communication both internally and with our customers.

The exercise resulted in 14 action items and tasks to be completed in timeframes that ranged from immediate implementation to up to three or more years from the exercise completion. Task work groups were formed and individuals were identified as responsible parties for ensuring that the action items are completed and the task is implemented.

The onset of COVID-19 slowed our progress and/or changed our priorities. While some of the process improvement ideas were immediately implemented even before COVID-19, others will take some time and resources to develop a solution. A few administrative changes implemented in SFY 2020 that have made a significant impact for our staff and customers are as follows:

- Regularly scheduled coordination meetings between various staff groups and departments.
- IUP applications are now being accepted electronically.

- Revised IUP applications are no longer required if there is no change in scope to a project.
- Projects on the IUP priority list are being assigned to an ER specialist upon completion of scoring rather than waiting until after the Environmental Protection Commission has approved the list (this is potentially shortening an ER completion timeline by 3 months).

We will continue to work on the remaining tasks identified through the Value Stream Mapping Process over the next few fiscal years, as they are meant to assist the SRF Program in *continuously* improving our processes.

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, 2019 through June 30, 2020.



Annual Report

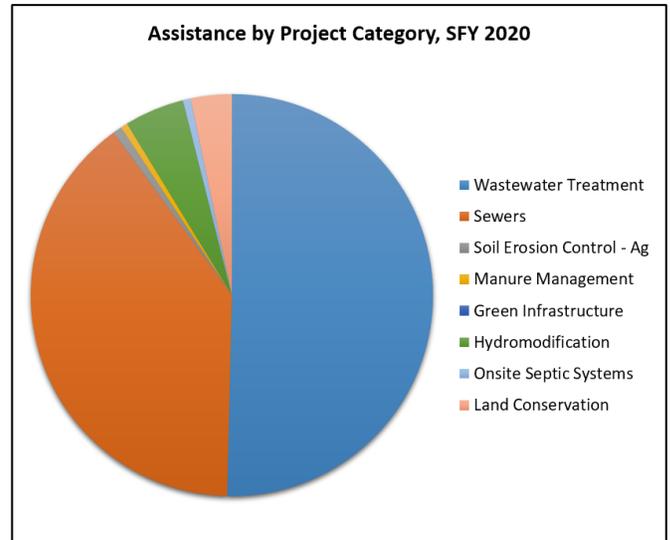
Clean Water State Revolving Fund

Fiscal Year 2020

The goals and objectives for the Clean Water SRF were laid out in the state fiscal year (SFY) 2020 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 2020 the CWSRF executed assistance agreements totaling over \$182 million.

The CWSRF funds publicly owned wastewater and sewer infrastructure, shown in the pie chart under Wastewater Treatment and Sewers. Approximately 90% of the CWSRF dollars in SFY 2020 went to these needs. The remaining dollars went to both publicly and privately owned projects in the nonpoint source area, including Onsite Septic Systems, Hydromodification, Manure Management, Agricultural Soil Erosion Control Practices, and Land Acquisition for Conservation.



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 2020 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 2020, the Intended Use Plan was updated quarterly. A total of 42 requests for wastewater infrastructure construction financing, 3 general nonpoint source direct loans, and 33 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 2020, 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 48 project initiation meetings to assist applicants, engineers and planners understand the planning, permitting and loan process.
- Approved 16 anti-degradation alternatives analyses evaluating less degrading reasonable treatment alternatives.

- Approved 53 facility plans/engineering reports recommending the selected project alternative and site.
- Issued 74 major construction permits and plans and specifications approval.
- Reviewed and processed 104 addenda for 38 CWSRF funded projects.
- Reviewed 54 sets of bid documents for CWSRF eligibility of project costs.
- Reviewed and processed 297 change orders for 89 CWSRF funded projects.
- Conducted 18 final inspections relating to 21 construction permits to close out CWSRF projects.
- Coordinated with Field Office (FO) staff to conduct 7 American Iron and Steel project site inspections for CWSRF funded projects.

Customer feedback surveys were sent after project initiation meetings, facility plan approvals and construction permits. 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:

- “IDNR staff were all very knowledgeable, professional, and helpful throughout the entire process.”
- “I enjoyed working with the IDNR wastewater engineering staff. Thanks.”
- “This permit was turned around in a couple of days. The city is extremely happy to have a construction permit to show on their CDBG grant application in record time.”
- “The permit was issued to us very timely manner. We are extremely happy to be able to proceed so quickly with this project.”
- “The IDNR has been always been a valuable partner with the city. We must add that the Project Manager did a tremendous, detailed, and thoughtful work with us and the engineering firm for our upcoming project.”
- “Review was completed in a timely manner and the appropriate questions were asked by the review engineer and is great to work with and is always responsive to questions we have.”
- “Project manager is always good to work with on all our projects and it is helpful to have one person on all our projects.”
- “Review of plan and specs went very quickly to help the project stay on schedule.”
- “Construction Permitting process was completed in a timely manner.”

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 2020, a total of \$24,650 was paid in MA fees to 7 communities that have CWSRF projects.

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

During SFY 2020, a total of 7 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 noncompliant issues. Two additional desk audits were completed during SFY 2020 in lieu of a site visit because one project was already completed and buried and the other project did not include iron or steel products. In the second half of SFY 2020, site inspections were postponed due to safety precautions being taken because of COVID-19. During this time, some inspections were conducted using photographs and/or video provided by the applicant.

Compliance On November 4-6, 2019, representatives from EPA headquarters and The Cadmus Group, LLC conducted AIS site visits at the following CWSRF project sites: **City of Monroe, City of Sanborn and the City of Clinton**. Each visit was conducted as a site review and outreach visit rather than as a compliance check. Draft reports were provided to the applicant and the state following the visit and the report outlined issues and recommendations from the observations made, discussions held and data collected for the AIS site visit. Information from these reports was used in conjunction with DNR Field Office AIS inspections to assist applicants in identifying and correcting potential compliance issues.

Training SRF staff hosted EPA AIS team members for a training session on November 4, 2019. This training was broadcasted as a webinar from the DNR Wallace Building in Des Moines. The training was attended by a number of DNR and IFA SRF staff as well as a mixture of consultants, contractors, suppliers and applicants either in-person or remotely through the webinar. The information was a valuable refresher course.

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, when needed.

Goal: Fund green projects to meet the requirements of the Green Project Reserve (GPR). Projects meeting GPR requirements for 2018 and 2019 CAP grants have been identified but have not yet been assigned to a specific grant. Iowa has met and/or exceeded the Green Project Reserve requirements for all previous grants.

Goal: Develop plans for allocating loan forgiveness required in FFY 2018 and 2019 CAP grants. Each capitalization grant year there has been a minimum and maximum amount allowed for additional subsidization. Beginning with the 2016 CAP grant, Iowa has targeted loan forgiveness in order to provide as close to the minimum amount required as possible. Loan forgiveness is now capped at \$1million per applicant, per project*. For the CWSRF Program, Iowa is now providing loan forgiveness based on Disadvantaged Community (DC) status.

During SFY 2020, additional qualifying disadvantaged communities were identified to receive loan forgiveness from capitalization grant years 2018, 2019 and 2020. The names of these applicants will be posted in the IUP once final award determinations are made. Awards will range from 30%-50% based on the eligibility criteria established in the IUP. Assignments to grant years will be done upon closing of their loans.

In SFY 2020, loan forgiveness was applied to the final loan amounts for these applicants:

Applicant	SRF Project#	Loan Date	Loan Amount	Forgivable Date	Forgivable Amount
Dubuque	GNS10-5	6/19/2015	\$29,541,400	6/1/2020	\$5,908,200*
Calmar	CS1920823-01	5/25/2018	\$2,977,000	1/20/2020	\$872, 474

**Loan forgiveness for this multi-phased project was awarded under previous criteria and received loan forgiveness from capitalization grant years 2011-2014.*

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. At the conclusion of SFY 2020, a portion of the 2018 CAP grant assignments became available for reassignment.

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 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 completed through the 2017 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 2020, no WRA loans were submitted for equivalency reporting.

Goal: Comply with EPA guidance on cost and effectiveness requirements under Section 602(b)(13) of the Clean Water Act. During SFY 2020, 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 take into account 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. In 2010 the U.S. Environmental Protection Agency issued a policy to make water and wastewater utilities, and the communities they serve, more sustainable. The policy provided four strategies for EPA and the states, and the table below shows the strategies and Iowa’s efforts to implement them during SFY 2020.

Strategy	Implementation	SFY 2020 Outcomes
Promote planning processes that support sustainability	Iowa participates in training sessions to inform potential borrowers about using SRF to implement sustainable practices	<p>During SFY 2020, SRF staff presented on CWSRF at several conferences, meetings and workshops. Here are a few examples:</p> <ul style="list-style-type: none"> • Iowa League of Cities annual conference, Dubuque • Central Iowa 2019 Green Infrastructure conference • Growing Sustainable Communities annual conference, Dubuque • Water Resource Restoration Sponsored Project Workshop, Ankeny • Iowa Municipal Finance Officer Association, Des Moines • Iowa Stormwater Summit, Ankeny • CIFA Conference, Cleveland • Water Day at the Capitol, Des Moines • Iowa Rural Water Association annual conference, Des Moines • Eastern and Central Iowa Green Infrastructure conferences • Growing Sustainable Communities conference • USEPA Region 7 SRF Training workshop • Center for Watershed Protection 2020 National Watershed and Stormwater conference
	Iowa provides planning and design (P&D) loans to assist communities with project development	As shown in CWSRF Exhibit 2, 33 communities received planning and design loans during SFY 2020.

Strategy	Implementation	SFY 2020 Outcomes
Encourage community sustainability	The Clean Water SRF promotes green infrastructure and sustainable storm water practices	New loan amendments for 16 sponsored projects totaling over \$8 million were executed. The sponsored 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 2020, a total of \$24,650 was paid in MA fees to 7 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 funded 16 sewer rehabilitation and inflow/infiltration correction projects in SFY 2020.
	Required additional subsidization is used for disadvantaged communities and green projects.	Additional subsidization reallocations and adjustments for 2018 CAP grant were made during SFY 2020. Additional eligible applicants were identified to receive loan forgiveness but specific grants were not assigned in SFY 2020.

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, expiring on June 30, 2022, with the option to extend for subsequent periods. It is the intent of the SRF Program to continue to renew or extend this contract upon reaching its expiration.

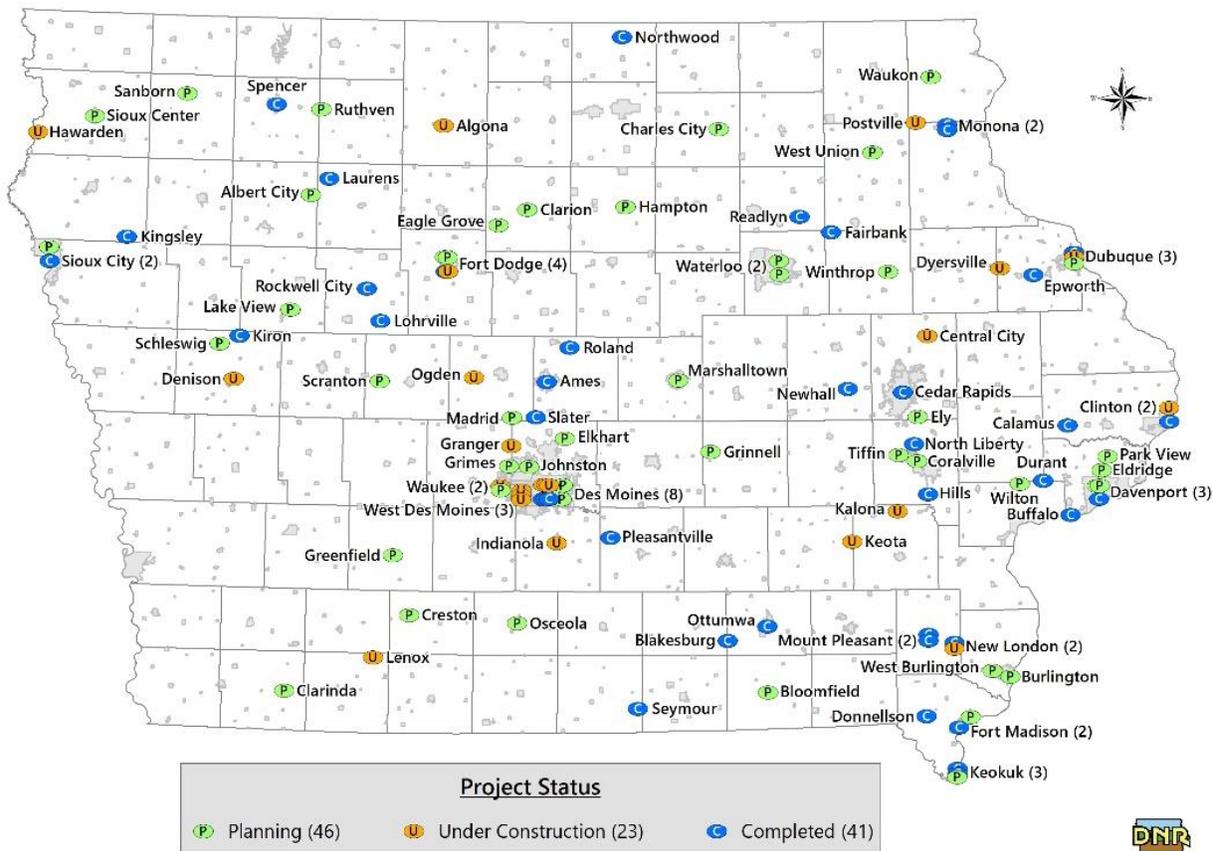
Sponsored Project applications continue to be accepted, and funds awarded, on a bi-annual basis. In SFY 2020, 12 new sponsored project applications were accepted from the ***Cities of Bloomfield, Clarinda, Davenport, Fort Dodge, Hawarden, Madrid, Osceola, Schleswig, Waterloo (2), and from Park View Water and Sanitary District and the Wastewater Reclamation Authority (WRA)*** with a total recommended funding amount of \$12,495,000.

As of the end of SFY 2020, \$79 million has been awarded to 110 projects in 85 communities and 1 state park. The map below shows the status of each project as of June 2020 and indicates the progress that was made on sponsored projects during SFY 2020.

Iowa's Sponsored Project Program serves as a model for several other states interested in developing a program for their borrowers. In SFY 2020, staff exchanged emails and had conference calls with representatives from Texas and Hawaii to answer questions about how Iowa started its Sponsored Project Program and how their State Revolving Funds could start a sponsorship program.

Iowa also participates in national and regional training and speaking engagements. During SFY 2020, presentations on Iowa's Sponsored Project Program were given at the USEPA Region 7 SRF training in September of 2019, and the Center for Watershed Protection 2020 National Watershed and Stormwater Conference in April of 2020.

WATER RESOURCE RESTORATION SPONSORED PROJECTS, SFY2020



Iowa conducts local outreach and education of our Sponsored Project Program through speaking engagements, conference exhibits and an annual Sponsored Project Workshop. In SFY 2020, Iowa SRF staff had an exhibitor booth and participated in the Eastern Iowa and Central Iowa Green Infrastructure Conferences in September of 2019, and the Growing Sustainable Communities Conference in October 2019. For the annual SRF Sponsored Project Workshop in November 2019, in addition to the in-person workshop, the presentations from the workshop were also recorded as webinars. These recordings are available through the SRF website as a tool for anyone interested in applying for a Sponsored Project, or for anyone wanting to learn more about the Iowa Sponsored Project Program. The webinar series can be found at the following link: <https://www.youtube.com/playlist?list=PLKsmbJeubTctlrRrO4dio7upkiUnKtNG>

Goal: Comply with the EPA Signage Guidance. During SFY 2020, 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 regularly 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 and U.S. Department of Agriculture-Rural Development (USDA-RD) staff.

The SRF Coordinator also participated in FEMA Interagency Flood Mitigation Committee meetings to continue to coordinate with FEMA disaster assistance grant programs on behalf of applicants exploring the option of signing an SRF bridge loan under the provisions of the EPA-FEMA Memorandum of Understanding signed in May of 2019.

Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients. During SFY 2020, SRF staff continued to assist applicants with completing the federal cross-cutting requirements for environmental and historical review. The SRF environmental review staff completed 57 assessments for CWSRF projects, including:

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

Customer satisfaction surveys were sent when the environmental reviews were completed. During SFY 2020, paper copies of surveys were no longer used but electronic surveys continued to be sent to project owners, engineering consultants, and grant administrators. After seeing a consistent decrease in the quality and quantity of survey responses, the SRF Program decided to discontinue using these surveys.

In absence of the surveys, the ER team continues to receive feedback from our customers and partners. When comments were received via survey or otherwise, the following are typical of the level of satisfaction:

- Regarding the definition changes within the CEQ proposed changes-“That looks great to me Jean. Thank you for getting that written up.”-DNR Sovereign Lands; and “Jean, as always, is on top of her game!”-EPA Region 7
- “This is great news. I appreciate your help in getting these approvals completed.” Consulting engineer regarding a sewer replacement projects
- “Thank you for getting this to me so quickly! I really appreciate it.”- Region XII COG regarding information related to a wastewater treatment plant improvement project
- “Thanks, that is very helpful. We appreciate your work and input.”-Consulting engineer regarding meeting a project timeline

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 2020, the following communities took advantage of extended terms for their SRF loans: *Everly, Indianola, Madrid, Postville and West Union.*

Goal: Maintain mechanisms for funding the on-going administration of the program if federal funding is reduced or eliminated. During SFY 2020, 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, it is projected 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 serve as a model for several other states interested in developing programs like these for their borrowers. In SFY 2020, Iowa SRF staff shared information with Vermont SRF about Iowa’s process for SRF Nonpoint Source funding and Linked Deposit Programs.

During SFY 2020, presentations on Iowa’s Nonpoint Source Assistance Program was given at the USEPA Region 7 SRF training in September of 2019, and the Center for Watershed Protection 2020 National Watershed and Stormwater Conference in April of 2020. SRF staff also educated 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. The objective of working with EPA Region 7 to update the Clean Water SRF Operating Agreement between DNR and EPA is still on-going. The EPA is evaluating the future use of Operating Agreements in Region 7 states. A draft letter was shared with Iowa which proposed the elimination of the Operating Agreement between Region 7 states and EPA. At the conclusion of SFY 2020, that letter was still awaiting final approval by EPA.

Clean Water SRF Program Data

1. Publicly Owned Wastewater and Sewer Facilities

During SFY 2020, 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 2020 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 2020. Binding commitments totaling \$182,504,410 were executed (adjusted net total was \$166,988,059). Loans ranged from a \$24,000 for the **City of Ladora** for planning and design of a new lift station and wastewater treatment facility improvements to \$17 million for the **City of Indianola** for construction of a new wastewater treatment plant (this is the first loan closed on this \$55 million dollar project).

CW Exhibit 2A shows that during SFY 2020, 54 projects reported construction starts. A total of 36 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 2020. DNR issued 26-Categorical Exclusions (CX), 28-Findings of No Significant Impact (FNSI), and 3-Reaffirmations (RE).

2. Nonpoint Source Programs

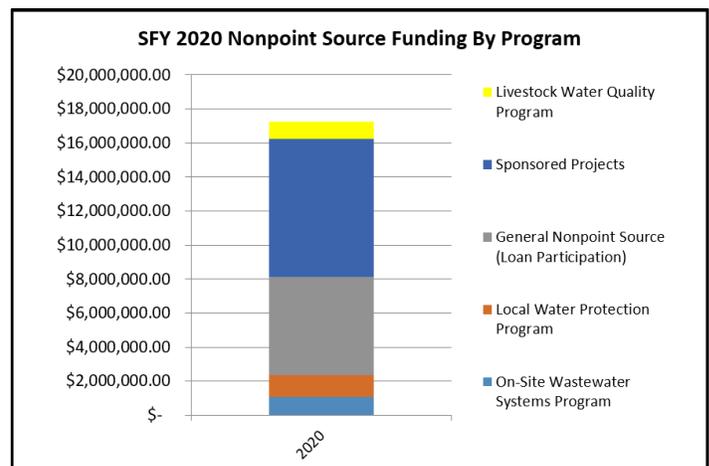
During SFY 2020, over \$17 million was loaned to farmers, livestock producers, homeowners, cities, private non-profit organizations, and watershed organizations to mitigate or prevent nonpoint source pollution.

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

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 88 projects totaling \$1,089,180 in loans during SFY 2020. Low-interest loans for septic system replacement have been useful since time of transfer legislation took effect.



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 2020 totaled \$1,583,310 for 70 projects.

LWPP’s focus is on practices that prevent soil erosion and address sediment and nutrient control on agricultural land. Many LWPP loans are made in conjunction with other state and federal cost-share grants. LWPP is covering 62% of the cost of conservation implementation for practices running through soil and water conservation districts. This shows the important role that loan programs play in putting more practices on the land. These loans can be used to finance the entire project or as a supplement to other financial assistance.

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 2020, \$990,299 million was disbursed for linked deposits to facilitate 17 loans. 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. LWQP covered 38% of the cost share in these programs in SFY 2020.

Stormwater Program (SWP). No assistance agreements were signed for this program in SFY 2020.

Loan Participation

General Nonpoint Source (GNS) Program. The GNS Program was established to cover a wide range of possible water quality-related projects and practices. Senate File 548, an Act relating to the acquisition, donation, or sale of real property for specific purposes, enacted by the general assembly, amended Iowa Code 455B.291 & 455B.295 to include new requirements that limit the eligible use of funds for General Nonpoint Assistance Programs for land acquisition. Throughout SFY 2020, the SRF Program reviewed administrative rules, program policies/procedures, implementation requirements, and outreach materials and updated them, when applicable, to accommodate this bill. Overall, SF 548 has no fiscal impact to the SRF Program. Since the SRF currently has the capability to fund all eligible projects, monies that would have otherwise been obligated to these land acquisition projects are now available for other eligible, nonpoint source projects.

In summary, this bill places boundaries on the use of SRF funds by private entities for land acquisitions that are made on and after July 1, 2019. The bill does not restrict the SRF from funding nonpoint source water quality projects that include land acquisition by a private entity if the land acquisition was completed prior to July 1, 2019; if the land acquisition includes only the portion of land necessary for an edge-of-field practice; or if the land acquisition is not for future donation or sale to a political subdivision, the department, or the federal government. The bill does not place limitations on any other eligible uses of the water pollution control fund or other eligible applicants.

In SFY 2020, SRF funded five projects through loan participation with local lenders for a total of \$5,791,047. All five of these loans were to the Iowa Natural Heritage Foundation (INHF) for land acquisition of properties for water quality improvement and protection through habitat restoration and conservation. Even though Iowa Legislature passed the bill prohibiting SRF from providing financial assistance to private entities for the acquisition of property related to eligible water quality practices when those properties would be transferred into public ownership effective July 1, 2019, SRF was able to fund these land acquisition projects after the effective date of the bill because INHF had purchased the properties before July 1, 2019.

Applicant	Iowa Natural Heritage Foundation
Purchase Date	5/17/2019
Amount	\$506,437
Project Description	Purchase of 48 acres property along Big Spirit Lake in Dickinson County.
Water Quality Benefit	The Bartels property consists of three row-crop parcels totaling 48 acres, with storm drains and tile outlets draining directly from the property into the Big Spirit Lake. Big Spirit Lake is an Outstanding Iowa Water, a Natural Resources and Conservation Service (NRCS) National Water Quality Initiative (NWQI) priority watershed, and source water for the City of Spirit Lake’s

	drinking water. The property falls within the ¼-mile priority buffer around Big Spirit Lake needed for source water protection. The Bartels property will be restored to wetland and prairie reducing runoff containing nitrogen, phosphorus, sediment, and other pollutants to Big Spirit Lake. Restoring the Bartels cropland to wetland and prairie will help absorb and filter the nonpoint source pollution that is leading to the high nutrient levels in the lake. This property will be owned and managed by INHF, but this property or portions of this property may be transferred to a public entity in the future.
Applicant	Iowa Natural Heritage Foundation
Purchase Date	5/4/2018
Amount	\$389,610
Project Description	Purchase of 109 acres of property along the Little Sioux River in Woodbury County.
Water Quality Benefit	The Briese property contains approximately 10 acres of crop land near the river bank, 36 acres of steep upland crop fields (C, E and F slopes), and 63 acres of mixed oak woodland on the Little Sioux River. The crop fields will be restored to native vegetation to and the woodlands will be preserved and maintained. The Little Sioux River drains the largest watershed of any tributary of the Missouri River in Iowa. Protection of the Briese property is critical to the continued protection and expansion of the Little Sioux River Greenbelt that stretches from Highway 20 (Correctionville) south to Little Sioux County Park. Protection of the existing woodland on the Briese property will ensure it permanently provides water quality benefits such as groundwater infiltration and maintaining soil integrity. Planting the crop fields back to native vegetation will help hold soil in place while reducing water runoff, especially runoff from precipitation events that would have eroded soil and caused nonpoint source pollution. This property will be transferred to the Woodbury County Conservation Board.
Applicant	Iowa Natural Heritage Foundation
Purchase Date	1/7/2019
Amount	\$1,610,000
Project Description	Purchase of 372 acre property along the North River in Warren County.
Water Quality Benefit	The Grossman property contains approximately 325 acres filter strips and pollinator habitat enrolled in the Conservation Reserve Program (CRP). The entire property falls within the North River floodplain and is prone to frequent flooding. The remaining cropped acres were planted to CRP as well. The property has potential for more hydrologic restoration to prevent soil erosion and water runoff that carries nonpoint source pollution from crop fields. The permanent protection of the Grossman property will provide lasting water quality benefits to the North River floodplain by creating a more natural floodway with increased infiltration during high water events reducing soil loss and nutrient runoff. This property will be transferred to the Iowa DNR.
Applicant	Iowa Natural Heritage Foundation
Purchase Date	8/29/2018
Amount	\$985,000
Project Description	Purchase of 704 acres along Squaw Creek in Warren County
Water Quality Benefit	The Horbach property consists of 704 acres of mixed habitat property consisting of woodland, 190-acres of marginal cropland (Average CSR2 of 63.12 and over 85% poorly drained/somewhat poorly drained), two miles of Squaw Creek, and Conservation Reserve Program (CRP) land serving as a buffer for the creek. The additional protection and restoration of the remaining cropland to conservation practices and native perennial vegetation will reduce flooding downstream and reduce the amount of nutrients and sediment entering Squaw Creek. The Horbach property was acquired for \$2,650,000, or \$3,764 per acre, and there is a remaining

	balance of \$985,000 due to parcels that have already been transferred to the Iowa Department of Natural Resources. The remaining parcels will be transferred to the Iowa DNR.
Applicant	Iowa Natural Heritage Foundation
Purchase Date	11/20/2018
Amount	\$2,300,000
Project Description	Purchase of 436 acres along the South Skunk River in Story County
Water Quality Benefit	The Longnecker property habitat is a mixture of Conservation Reserve Program (CRP) land, pasture, cropland and woodland. 1¼ miles of the S. Skunk River run through the property, buffered on both sides by 70 acres in CRP wetland restoration in a floodplain (CRP practice CP-23). INHF will work with Natural Resources Conservation Service (NRCS) and Story CCB to develop a conservation and restoration plan for the Longnecker property. Story CCB will restore the remaining cropland to native vegetation and wetlands in addition to maintaining the CRP already in place. The South Skunk River watershed is a part of the USDA Regional Conservation Partnership Program (RCPP). The Midwest RCPP is a collaborative project being led by Iowa Department of Agriculture and Land Stewardship (IDALS), the Iowa Agriculture Water Alliance (IAWA), and the Midwest Agriculture Water Quality Partnership. The focus of this multi-year project is to increase the public-private collaboration to advance a science-based, non-regulatory approach to reducing nutrient loss and improving water quality through the adoption of conservation programs, including wetlands and conservation cover. Restoration of native vegetation and wetlands on the Longnecker property will advance the goal of the RCPP to improve water quality. The protection and restoration of native vegetation on this property will help to manage downstream flooding and reduce the amount of sediment and nutrients entering the South Skunk River. This property will be transferred to the Story County Conservation Board.

Direct Loans

General Nonpoint Source (GNS). GNS projects that receive a Direct Loan are listed individually on the CWSRF project priority list. Three new GNS projects were added to the IUP during SFY 2020: **City of Bettendorf, City of Johnston, and Dickinson County-Francis Sites.** There were no Direct Loans assistance agreements executed in SFY 2020 for this category of nonpoint source projects.

Sponsored Projects. During SFY 2020, 16 loan amendments were signed for 13 new sponsored projects and 1 prior sponsored project for a total of \$8,109,000.

Borrower	Project Description	Sponsored Project Amount
City of Central City	Construction of a series of bioretention cells to re-establish a more natural hydrology in which urban runoff is infiltrated into the ground reducing the discharge rate and volume, sediment, and urban pollutants to the Wapsipinicon River. Secondary benefits of this project include: the protection of infrastructure and public property, increased community involvement in water quality, and enhanced aesthetic.	\$313,000
City of Clinton	Parking lot reconstruction including permeable pavers and silva cells at Riverview Park to improve water quality in the Copperas-Duck watershed of the Mississippi River through increased infiltration resulting in the treatment and removal of urban pollutants and eliminating stormwater flow from this drainage area to the combined sewer and Mississippi River.	\$743,000

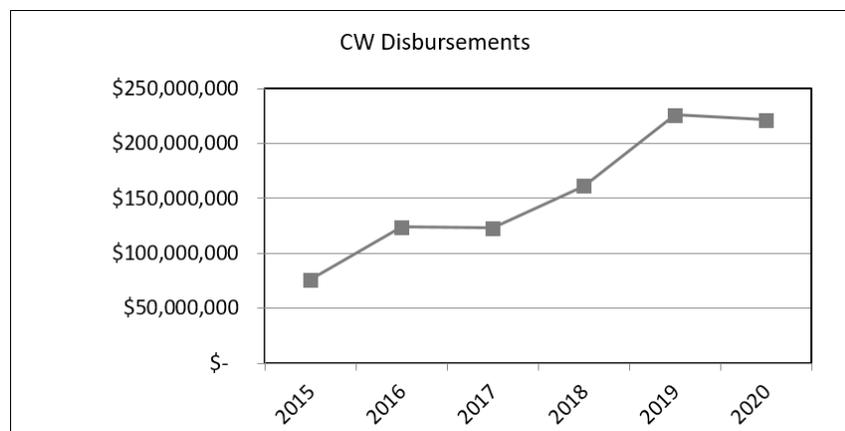
Borrower	Project Description	Sponsored Project Amount
City of Des Moines	Sponsored Project funds in conjunction with Section 319 funding were used for the Yeader Creek stream stabilization and restoration project to reduce sediment and nutrient delivery to Easter Lake. This stream restoration project implements the recommendations from the watershed management plan developed to address the TMDL for Easter Lake.	\$1,150,000
City of Des Moines	Sponsored Project funds were used to help fund the Gray's Station Regional Stormwater Wetland. The stormwater wetland is part of an urban redevelopment project and will provide storage and treatment stormwater from a 165 acre of existing and redeveloped areas of downtown Des Moines in the Raccoon River watershed.	\$750,000
City of Des Moines	Acquisition of properties from willing sellers within the Four Mile Creek floodplain in order to restore the natural floodplain and facilitate the future creation of a greenway system as part of the implementation of the Four Mile Creek watershed management plan.	\$1,000,000
City of Dubuque	Sponsored Project funds in conjunction with a Resource Enhancement and Protection Grant from the Iowa DNR were utilized to implement stormwater management and erosion control measures as part of the Environmental Restoration Management Plan for Eagle Point Park. Practices included native vegetation restoration, soil quality restoration and a bioretention cell to promote infiltration of stormwater and reduce runoff and erosion in the Bee Branch Watershed.	\$229,000
City of Dyersville	South Bear Creek stream restoration and stabilization practices including: bank sloping, floodplain benches, riffle structures, J hook, cross vane, oxbow creation, and native vegetation establishment on the banks and riparian buffer area.	\$260,000
City of Hawarden	Reconstruction of the City Hall parking lot to incorporate permeable pavers to provide treatment of urban stormwater runoff from a highly impervious area of town reducing flows and urban pollutants to Green Creek and the Big Sioux River.	\$299,000
City of Lake View	Sponsored Project funds along with Section 319 funding were utilized for the construction of a fish barrier at the inlet to Black Hawk lake as part of the watershed management plan to reduce turbidity in the lake by prevent rough fish from getting into the lake. Sponsored Project funds were also used for the construction of bioretention cells and a bioswale to provide stormwater treatment for a new development.	\$469,000
City of Ogden	Construction of a stormwater wetland and grassed waterway to treat urban runoff and reduce urban pollutants in the Beaver Creek Watershed. The project will enhance water quality and aesthetics in the community. Sponsored Project funding was used to leverage additional project funding from a Water Quality Initiative grant through the Iowa Department of Agriculture and Land Stewardship.	\$481,000
City of Postville	Postville funded a number of different stormwater BMPs to address urban runoff to Williams Creek and the Yellow River watershed. South Ogden Street permeable paver parking, Green Street bioretention cell, Arthur F Brandt Drive bioretention cell. Sponsored Project funds were also used to leverage National Fish and Wildlife Foundation and USEPA grant funds and for the construction of a Regional Urban Stormwater Demonstration Site at the Northeast	\$421,000

Borrower	Project Description	Sponsored Project Amount
	Iowa RC&D office in Postville. This demonstration site involved the construction of a variety of stormwater BMPs including; rain garden, bioswale, pollinator garden, permeable paver parking, and infiltration trench, and will be used to educate teachers, students, city officials, and the general public about stormwater and water quality.	
City of Readlyn (2nd CWSRF Loan Amended)	Amendment of the City's 2 nd CWSRF loan for the remaining Sponsored Project award for the construction a stormwater wetland to treat and reduce urban and agricultural runoff in order to improve water quality in the Upper Wapsipinicon River Watershed. This project also lead to the private landowner, with assistance from the NRCS, reconstructing the degraded drainage way to which the wetland outlets to a grassed waterway.	\$74,000
City of Waukee	A variety of stormwater BMPs were incorporated into the Waukee Public Library parking lot improvements project. Bioretention cells, permeable pavers, and wet detention pond will reduce stormwater runoff and provide water quality treatment, aesthetic appeal, and create habitat in a highly urbanized area. The close proximity to a library, school, and a church offers an opportunity for engagement and education of the public on the benefits of installing these practices. Sponsored Project funding was used to leverage additional project funding from a Water Quality Initiative grant through the Iowa Department of Agriculture and Land Stewardship.	\$920,000
WRA	Sugar Creek Phase 1 Stream restoration (Stagecoach Dr. to Booneville Rd.) which includes; construction of streambank stabilization practices, bend way weirs, bank sloping, and native vegetation establishment on the banks and riparian buffer area to repair severely eroded banks of Sugar Creek and reduce sediment and nutrient delivery to the Raccoon River.	\$1,000,000
	TOTAL	\$8,109,000

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, 2019 to June 30, 2020. 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.

- a. *Loan disbursements* - As can be seen in CW Exhibit 7, loan disbursements during SFY 2020 totaled \$221,394,000.
- b. *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.
- c. *Administrative costs* - As shown in CW Exhibit 6, \$4,611,000 was disbursed, or accrued, for program administration in SFY 2020. 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.
- d. *Interest on bonds* - Also shown in CW Exhibit 6, \$34,104,000 was disbursed, or accrued, for payment of interest on bonds to bond holders.
- e. *Grants and aid* - Recent appropriations have included a requirement to provide principal forgiveness. CW Exhibit 6 shows that \$2,940,000 in loan disbursements were made in SFY 2020 that are intended to be forgiven and not repaid.

Total operating expenses for SFY 2020 were \$38,715,000 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, 2020 and June 30, 2019. As of June 30, 2020, the CWSRF had total assets of \$1,924,476,000. 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 2020 and SFY 2019. 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. That rating comes from the diversity of the loan portfolio, the substantial balance sheet and the cross-collateralization of the CW and DW bonds.

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

The environmental benefits of the Clean Water SRF Program are tracked through a U.S. EPA project database. 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. Iowa's SFY 2020 data show the following results 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). For SFY 2020, 90% of the Clean Water SRF funds went to wastewater systems with human health requirements in their discharge permits. In particular, 20 communities installed wastewater disinfection systems to meet more stringent discharge limits for bacteria to 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.

For SFY 2020:

- 86% of facilities/systems receiving assistance were out of compliance before the project and will be in compliance at project completion
- 14% 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.

For SFY 2020:

- 71% of the funds, including both point source and nonpoint source loans, were for the purpose of improving water quality
- 29% of the funds will help point sources maintain water quality



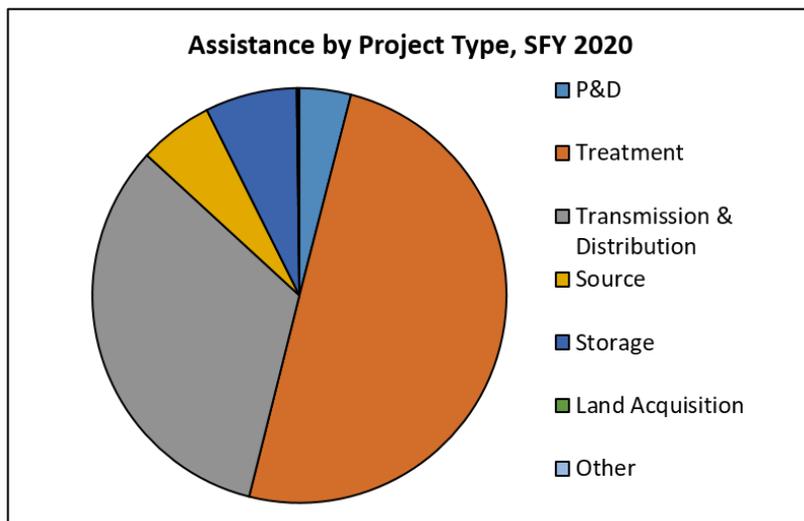
Annual Report

Drinking Water State Revolving Fund Fiscal Year 2020

The goals and objectives for the Drinking Water SRF were laid out in the state fiscal year (SFY) 2020 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 2020, the Drinking Water SRF signed loan commitments totaling \$97 million. This included 34 construction loans. During SFY 2020, loans ranged from \$23,000 to \$21.9 million.

The program funds projects to help public water supplies provide safe drinking water and protect public health. The largest amount of dollars, over \$46 million, was used for Treatment. Other uses during SFY 2020 were for Transmission and Distribution, Source Water (e.g. new wells), Water Storage and Land Acquisitions as part of these projects.



Planning and design loans were issued to allow 11 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 2020, 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 2020 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 2020, the Intended Use Plan was updated quarterly. A total of 35 requests for construction financing, and 13 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 2020, the DNR's Water Supply Engineering (WSE) project managers accomplished the following to help move DWSRF projects toward loan readiness:

- Reviewed 35 new applications resulting in 30 listings on the IUP
- Approved 39 preliminary engineering reports for DWSRF projects
- Issued 39 construction permits, 41 approvals, and 77 supplements for DWSRF projects
- Conducted 17 final inspections of DWSRF projects

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

During SFY 2020, viability assessments were completed by each applicant and reviewed by SRF staff 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.

Since 2000, the DNR has worked to implement a strategy to assist public water supply systems in developing their technical, financial, and managerial capacity as required by the federal Safe Drinking Water Act amendments of 1996. The activities completed during FFY 2019 were detailed in a separate document entitled, "Report on the State of Iowa's Capacity Development Program for the Period of October 1, 2018 through September 30, 2019," on December 24, 2019. In addition, the most recent "Report to the Governor: Water Safe to Drink in Iowa," which summarizes three years of effort in the Capacity Development Program, was published September 30, 2017. This report is completed every three years. The next report will be submitted to Governor Reynolds on September 30, 2020.

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 2020, a total of \$66,750 was paid in MA fees to 17 communities that have DWSRF projects.

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

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 Minimus 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.

During SFY 2020, a total of 18 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 noncompliant issues. In the second half of SFY 2020, site inspections were postponed due to safety precautions being taken because of COVID-19. During this time, some inspections were conducted using photographs and/or video provided by the applicant.

Training SRF staff hosted EPA AIS team members for a training session on November 4, 2019. This training was broadcasted as a webinar from the DNR Wallace Building in Des Moines. The training was attended by a number of DNR and IFA SRF staff as well as a mixture of consultants, contractors, suppliers and applicants either in-person or remotely through the webinar. The information was a valuable refresher course.

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, when needed.

During SFY 2020, an AIS project-specific availability waiver request was received from **Lake Panorama Association** regarding their SRF Water Supply and Treatment Systems Improvement Project. The request was to allow the use of a non-domestic 6” Stainless Steel Check Valve. The Iowa SRF Program supported the waiver request and forwarded it to EPA for consideration. EPA and its contractors were unable to assist the applicant in finding a domestic equivalent to the check valve so the AIS waiver request was approved in March 2020.

Goal: Apply additional subsidization available in FFY 2018 and SSY 2019 capitalization grants to disadvantaged communities and public health projects. Each capitalization grant year there has been a minimum and maximum amount allowed. Iowa has targeted loan forgiveness in order to provide as close to the minimum amount required as possible, therefore, loan forgiveness is currently being capped at \$1million per applicant, 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, 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).

During SFY 2020, the following projects were identified to receive loan forgiveness: **Dedham (PH/C), Albion (PH), MacBride Pointe (PH/C), Bagley (PH/C), and Woodland Ridge (PH/C)**. Assignments to grant years will be done upon closing of their loans.

Beginning in 2019 CAP grant, an additional 6% of the state’s allocation must be used to provide additional subsidization to Disadvantaged Communities (DC). During SFY 2020, eligible applicants were identified to receive loan forgiveness. The names of these applicants will be posted in the IUP once final award determinations are made. Awards are expected to range from 30%-50%. Assignments to grant years will be done upon closing of their loans

In SFY 2020, loan forgiveness was applied to the final loan amounts for these applicants:

Applicant	SRF Project#	Loan Date	Loan Amount	Forgivable Date	Forgivable Amount
Cushing	FS-97-17-013	10/15/18	\$890,000	8/23/19	\$45,746
Lacina Meadows	FS-52-17-022	3/23/18	\$945,000	8/30/19	\$652,845
Bellevue	FS-49-17-021	10/5/18	\$2,200,000	12/20/19	\$1,650,000
Wahpeton	FS-30-16-014	6/30/17	\$1,191,000	3/20/20	\$112,500
Amana Society Service Co	FS-48-17-001	4/6/18	\$5,400,000	4/30/20	\$3,167,060

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. At the conclusion of SFY 2020, a portion of the 2017 CAP grant assignments became available for reassignment.

Goal: Promote and identify sustainable practices in projects proposed for funding. In 2010 the U.S. Environmental Protection Agency issued a policy to make water and wastewater utilities, and the communities they serve, more sustainable. The policy provided four strategies for EPA and the states, and the table below shows the strategies and Iowa’s efforts to implement them during SFY 2020.

Strategy	Implementation	SFY 2020 Outcomes
Promote planning processes that support sustainability	Iowa participates in training sessions to inform potential borrowers about using SRF to implement sustainable practices	<p>During SFY 2020, SRF staff presented on DWSRF opportunities at several conferences, meetings and workshops. Here are a few examples:</p> <ul style="list-style-type: none"> • Iowa League of Cities annual conference, Dubuque • Community Development Block Grant application workshop, Ankeny • Iowa Municipal Finance Officer Association, Des Moines • CIFA Conference, Cleveland • Water Day at the Capitol, Des Moines • Iowa Rural Water Association annual conference, Des Moines • IA Municipal Utilities, Small Systems Funding Workshop
	Iowa provides planning and design (P&D) loans to assist communities with project development	As shown in DWSRF Exhibit 2, 11 communities received planning and design loans during SFY 2020.
Encourage community sustainability	The Drinking Water SRF promotes green practices such as upgrades to water meters	2 new projects were added to the IUP during SFY 2020 that included water meter replacement: City of Albion and City of Graettinger (later dropped). One significant meter project from 2017 IUP priority list was reaffirmed as a viable project during SFY 2020: Rathbun Regional Water Association . This project will receive up to \$1 million in loan forgiveness upon completion (30% of cost of water meter equipment and installation).
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 2020, a total of \$66,750 was paid in MA fees to 17 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 water main replacement projects were added to the IUP in SFY 2020 for these water systems: Cities of Dayton, Carlisle, Worthington, Prairie City, Lockridge, Tipton, and Wahpeton.
	Required additional subsidization is used for public health projects and disadvantaged communities	Loan forgiveness is discussed above

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 2020, loans for the **Cities of Fort Dodge, Sioux City and Grimes** were reported to satisfy the FFY 2017, FFY 2018 and FFY 2019 CAP grants as these borrowers meet the requirements of FFATA and equivalency reporting.

Goal: Comply with the EPA Signage Guidance. During SFY 2020, 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 2020 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. For example, the **Bagley Water Supply** observed manganese concentration levels to be 1.4 milligrams per liter (mg/L, or parts per million) in their finished water leaving the water treatment plant. Manganese is found naturally in groundwater and surface water in Iowa and may become noticeable in water at levels greater than 0.05 mg/L (water may have a brown color and may leave black deposits on sinks and bathroom fixtures). Many years of exposure to high levels of manganese can cause harm to the nervous system. EPA has also identified health risks from short-term exposure. Two health advisories were developed for manganese in drinking water for systems in Iowa:

- Infants exposed to manganese over 0.3mg/L may experience learning or behavioral problems.
- Adults drinking water with high levels of manganese for many years may experience impacts to their nervous system. Adults should not consume water with manganese concentrations greater than 1mg/L.
- Additionally, EPA established a lifetime health advisory level of 0.3 mg/L for manganese, which means adverse health effects are not expected below this level.

The City will borrow funds from SRF to construct a new water main connection to Xenia Rural Water System to provide safe drinking water to the City of Bagley. This project will receive loan forgiveness of 75%.

Since July 1, 2019, DNR has taken 694 samples of manganese at 574 public water supplies. 15 samples had results with levels requiring public notice. The Iowa SRF Program intends to continue to partner with our communities to make remediation of these health risks affordable.

Goal: Apply program requirements that are simple and understandable and do not add unnecessary burdens to applicants or recipients. During SFY 2020 SRF staff continued to assist applicants with completing the federal cross-cutting requirements for environmental and historical review. The SRF environmental review staff completed 37 assessments, including:

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

Customer satisfaction surveys were sent when the environmental reviews were completed. During SFY 2020, paper copies of surveys were no longer used but electronic surveys continued to be sent to project owners, engineering consultants, and grant administrators. After seeing a consistent decrease in the quality and quantity of survey responses, the SRF Program decided to discontinue using these surveys.

In absence of the surveys, the ER team continues to receive feedback from our customers and partners. When comments were received via survey or otherwise, the following are typical of the level of satisfaction:

- "I have always found IA's environmental documents to be top-notch thanks to Jean and her team." - EPA Region 7 regarding the Migratory Bird Treaty Act.
- "Thank you so much for your assistance." – City Clerk regarding public hearing and concerns about meeting compliance dates.
- "Mike did a good job communicating throughout the process and completed the review quickly." -Consulting Engineer of a ground storage, booster station and backup generation project.
- "Great! I really appreciate the help, we just haven't had much of this in our area and wanted to feel out how it works for others."- Idaho SRF.
- "It is great you are able to still get out the FNSI/CX documents during this time period at the same pace as before. Way to go!" –EPA Region 7 regarding impacts to performance from COVID-19.

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 **Cities of Clarion, Kiron and Lakota** used extended financing in SFY 2020.

Goal: Maintain mechanisms for funding the on-going administration of the program if federal funding is reduced or eliminated. During SFY 2020, 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 in light of the discussion over water quality standards and other future drinking water needs. Using relatively conservative assumptions, it is projected that the DWSRF could loan an average of \$100 million per year 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 2020, 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 CWSRF Operating Agreement. The objective of working with EPA Region 7 to update the Clean Water SRF Operating Agreement between DNR and EPA is still on-going. The EPA is evaluating the future use of Operating Agreements in Region 7 states. A draft letter was shared with Iowa which proposed the elimination of the Operating Agreement between Region 7 states and EPA. At the conclusion of SFY 2020, that letter was still awaiting final approval by EPA.

Drinking Water SRF Program Data

1. Loan Projects

During SFY 2020, 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 2020 is shown as DW Exhibit 1.

DW Exhibit 2 shows the P&D and construction loans signed during SFY 2020. Binding commitments totaling \$97,327,820 were executed (adjusted net total was \$88,048,682). Loans ranged from a \$23,000 P&D loan for the **City of Worthington** for water main replacement, to the **City of Grime's** \$22 million construction loan for a new water tower, new Jordan well, and new reverse osmosis treatment plant.

DW Exhibit 2A shows that during SFY 2020, 28 projects reported construction starts. A total of 16 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 2020. These reviews resulted in 14-Categorical Exclusions (CX), 22-Findings of No Significant Impact (FNSI), and 1-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 2020, 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. Through a contract with Des Moines Area Community College (DMACC), one course was held for “Grade A Initial Certification” for 7 operators, and one course was held virtually for 36 operators. This certification is for the smallest community systems. Two courses were held for “Grade A Continuing Education” credits for 48 existing Grade A operators. No continuing education courses for Grade A were held in the second half of the period due to COVID-19.

DNR administered 899 operator certification exams during SFY 2020. Prior to the onset of COVID-19, Iowa’s Drinking Water and Wastewater operators took proctored, standardized certification exams. These exams were offered at the Des Moines Area Community College Southridge computer lab, or at one of the DNR Regional Field Offices, by appointment. In a prudent effort to keep Iowa’s “essential workers” safe, and due to the ambiguity of when these exam locations would be open again to the public, Iowa began offering *remote proctoring*.

With remote proctoring, an operator is able to take a Drinking Water or Wastewater certification exam anytime, twenty four hours a day, seven days a week on any computer or laptop that has a camera and a microphone. A link is provided to the operator by the testing company via email. Once logged in, their browser is frozen; a proctor can see them through the camera; and their surroundings are monitored for extra materials or cheating. Everything is recorded for future reference if there is any suspicions or accusations concerning the integrity of the examination session. The testing company provides a YouTube Video and live customer support for any technical issues arising during a remote session.

Post COVID-19, operators will have two options for exam delivery: remote proctoring and the traditional method of proctored exams at an DNR Field Office or Community College computer lab. If there is a need to shelter in place in the future, these options will ensure that our examination services can continue uninterrupted.

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. 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.

DNR field staff also provide direct technical assistance to small system operators. Contacts including compliance follow-up and assistance: 990

DWSRF Administration. This set-aside was used for the administration of the DWSRF. DNR work, totaling \$669,271 expended, included the following activities:

- Reviewed 35 new applications resulting in 30 listings on the IUP
- Approved 39 DWSRF reports
- Issued 39 permits, 41 approvals, and 77 supplements for DWSRF projects
- Conducted 17 final construction inspections
- Updated the NIMS report on 8/27/2019
- Conducted 18 American Iron and Steel inspections
- Submitted the annual program report to EPA on 9/30/2019

- Completed 24 archaeological assessments

In February 2020, the Iowa Finance Authority issued \$201,825,000 in Green bonds for both Clean Water and Drinking Water SRF Programs and executed 45 planning and design and construction loans.

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 16 reports (reviewed), 550 construction permits, 123 approvals, and 121 supplements
- Ongoing design and support for the SDWIS and safe drinking water databases
- Provided 11 wasteload allocations for discharging public water supplies
- Approved 4 contact time determinations and 6 corrosion control studies
- DNR completed 143 Sanitary Surveys

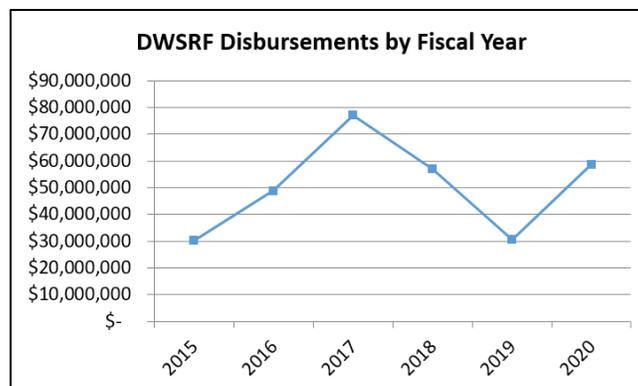
Other Authorized Uses. The primary uses of this set-aside in SFY 2020 were for the development of technical, managerial, and financial capacity for Iowa’s public water supplies and for the coordination and administration of the Source Water Protection Program. Accomplishments included:

- Sanitary surveys completed: 333 completed by DNR and 106 completed by counties via 28-E agreements
- Technical assistance contacts (DNR) including compliance follow-up and assistance: 489
- Number of additional onsite visits completed: 184 by DNR; 242 by counties via 28-E agreements
- Capacity development reviews for SRF applicants: 27; new systems: 7; and existing systems: 1
- Number of public water supplies assisted through Iowa Association of Municipal Utilities contract: 70
- Number of rate-setting workshops related to financial capacity: 3; and technical assistance visits: 2
- Public wells and capture zone spatial databases updated: 141 public wells updated, 42 new well additions, and 43 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: 3
- Number of existing Phase 1 SWPP reports updated: 5
- Number of updates to Phase 2 Source Water Plans (SWP): 2
- Number of completed Phase 2 SWPs: 9 (2 completed under contract, 5 additional plans still in progress; 7 completed from other sources)

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, 2019 to June 30, 2020. 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 2020 totaled \$58,569,000 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, \$4,408,000 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, \$10,019,000 was disbursed, or accrued, for payment of interest on bonds to bond holders in SFY 2020.
- e. *Grants and aid.* Recent appropriations included a requirement to provide principal forgiveness. DW Exhibit 6 shows that \$1,724,000 in loan disbursements were made in SFY 2020 that are intended to be forgiven and not repaid.

Total operating expenses for SFY 2020 were \$14,402,000 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, 2019 and June 30, 2020. As of June 30, 2020, the DWSRF had total assets of \$677,520,000. 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 2020 and SFY 2019. 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. That rating comes from the diversity of the loan portfolio, the substantial balance sheet and the cross-collateralization of the CW and DW bonds.

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 Project & Benefits Reporting (PBR) System under the following assistance project categories:

- Assist Non-Compliant systems to Achieve Compliance*
- Assist Compliant Systems to Maintain Compliance*
- Assist Compliant Systems to Meet Future Compliance*
- Other Assistance Not Compliance Related*

The table below outlines the public health and assistance benefits of construction loans executed in SFY 2020:

Borrower	DWSRF No.	Benefits Description
Alta Municipal Utilities	FS-11-19-DWSRF-031	Assist compliant system to maintain compliance-AMU is currently on one well and a second well is needed for redundancy
Anthon	FS-97-19-DWSRF-001	Assist compliant system to maintain compliance-upgrade a deteriorating treatment system and well
Armstrong	FS-32-17-DWSRF-020	Assist compliant system to maintain compliance-improve the reliability of existing water treatment plant for treatment of arsenic, iron and manganese
Avoca	FS-78-19-DWSRF-006	Assist compliant system to maintain compliance-improvement of deteriorated distribution system
Clarion	FS-99-19-DWSRF-004	Assist compliant system to maintain compliance-improvement of water age in the distribution system
Colfax	FS-50-19-DWSRF-013	Assist compliant system to maintain compliance-improve water supply distribution system
Dubuque	FS-31-19-DWSRF-014	Assist compliant system to maintain compliance-new water tower and improvements to water supply system to address pressure issues
Dyersville	FS-31-20-DWSRF-006	Assist compliant system to maintain compliance-improvements to water supply system to enhance reliability and provide adequate water pressure
Fairfax	FS-57-20-DWSRF-005	Assist compliant system to maintain compliance-increase water storage capacity
Gallery Acres West HOA	FS-52-17-DWSRF-017	Assist compliant system to maintain compliance-construct a new water main and connect to another viable water system
Gilbert	FS-85-18-DWSRF-021-G & R	Assist compliant system to maintain compliance-improve existing system to treat ammonia in raw source water
Grafton	FS-98-19-DWSRF-022	Assist compliant system to maintain compliance-improve existing distribution system and improve redundancy
Grimes (water treatment plant)	FS-77-18-DWSRF-016(4)	Assist compliant system to maintain compliance-installation of new water tower, new Jordan aquifer well and raw water main, and new reverse osmosis (RO) treatment plant
Johnston	FS-77-19-DWSRF-002	Assist compliant system to maintain compliance-new booster station, emergency generator and water main
Kiron	FS-24-18-DWSRF-013	Assist compliant system to maintain compliance-distribution system rehabilitation and new water meters
Lake Panorama Association	FS-39-18-DWSRF-0187	Assist compliant system to maintain compliance-improvements to drinking water system to enhance treatment and reliability
Lakota	FS-55-18-DWSRF-002	Assist compliant system to maintain compliance-improvements to water treatment facilities to enhance reliability and compliance with regulations
Lyon & Sioux Rural Water System	FS-60-17-DWSRF-011	Assist compliant system to maintain compliance-provide emergency power during power interruption for continuity of water services
Mitchellville	FS-77-19-DWSRF-017	Assist compliant system to maintain compliance-improve system capacity and water quality in the distribution system
Newton Water Works	FS-50-18-DWSRF-001	Assist compliant system to maintain compliance-installation of overhead protection for an existing open top backwash recovery tank

Borrower	DWSRF No.	Benefits Description
Ottumwa Water Works	FS-90-19-DWSRF-009	Assist compliant system to maintain compliance-increase lift station capacity and improve treatment process
Pleasantville	FS-63-19-DWSRF-010	Assist compliant system to maintain compliance-replace existing distribution system to maintain system integrity
Pomeroy	FS-13-19-DWSRF-024	Assist compliant system to maintain compliance-improvements to water treatment facilities to enhance reliability and improve water quality
Rockwell City	FS-13-19-DWSRF-021	Assist compliant system to maintain compliance-consecutive water connection to a rural lake community
Sanborn	FS-71-19-DWSRF-027-G & R	Assist compliant system to maintain compliance- improvements to the existing water treatment infrastructure to enhance reliability, increase capacity, provide redundancy, meet permit limits, and replace obsolete infrastructure
Sergeant Bluff	FS-98-18-DWSRF-009(2)	Assist compliant system to maintain compliance-improve treatment and distribution system
Sigourney	FS-54-19-DWSRF-029	Assist compliant system to maintain compliance-replace existing deteriorated iron and asbestos-cement water mains
Sioux City (W Hills / Indian Hills)	FS-97-17-DWSRF-012	Assist compliant system to maintain compliance-improve water pressure
Stanwood	FS-16-13-DWSRF-021	Assist compliant system to maintain compliance-improve water system reliability, replace defective water main and eliminate water loss
Sumner	FS-09-19-DWSRF-025	Assist compliant system to maintain compliance-improve water quality by reducing storage age of water in the distribution system
Wahpeton	FS-30-20-DWSRF-001	Assist compliant system to maintain compliance-improvements to water supply system to improve structural reliability, reduce safety concerns and maintain pressure
Woodland Ridge LOA	FS-52-19-DWSRF-011	Assist compliant system to maintain compliance-construct new water main to connect to another viable system and reduce/eliminate gross alpha or combined radium MCL

CW Exhibits

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CW Exhibit 1: SFY 2020 Intended Use Plan Project Priority List

P-Planning Stage, R-Ready for Loan, L-Loan Signed, C-Contingency, D-Dropped, F-Loan Forgiveness, G-Green

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Perry	2561001	S2019-0057A	1920954 01	2020	4	I,II,IIIA,IIIB	284	16,157,000	P	
WRA, Ingersoll Run Outlet	7727001 (WRA)	S2020-0142A	1920955 01	2020	4	V	197	26,934,000	P	
Oxford Junction	5361001	S2020-0126A	1920958 01	2020	4	IIIA	155	1,099,000	P	
Toledo	8676001	S2020-0162A	1920957 01	2020	4	IIIA	154	633,000	P	
Cushing	9725001	S2020-0159A	1920959 01	2020	4	IIIB	129	567,000	P	
Storm Lake	1178001	S2019-0384A	1920960 01	2020	4	IIIB	129	1,331,625	P	
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	VII	N/A	500,000	P	G
Casey	3914001		PD-CW-20-40	2020	4		P&D	100,000	L	
			PD-CW-21-01	2121	1					
Frederika	0922001		PD-CW-20-41	2020	4		P&D	121,500	L	
Eastern IA Regional Util Serv Sys	Unknown		PD-CW-20-43	2020	4		P&D	264,000	L	
WRA, Birdland P.S. Improv	7727001 (WRA)		PD-CW-20-44	2020	4		P&D	800,000	R	
Cushing	9725001		PD-CW-20-45	2020	4		P&D	101,100	L	
Ladora	4840004		PD-CW-20-46	2020	4		P&D	24,000	L	
Dow City	2427001		PD-CW-20-47	2020	4		P&D	150,000	L	
Williamsburg	4884001	W2019-0417A	1920946 01	2020	3	I,II,IIIA,IIIB	324	12,273,000	P	
Center Point	5713001	W2018-0172A	1920947 01	2020	3	I,II,IVB	315	9,650,000	P	
Janesville	0732001	D2018-0460A	1920948 01	2020	3	I	245	927,000	P	
Nevada	8562001	W3029-0233A	1920945 01	2020	3	I,II,IVB	234	48,727,000	P	
Eagle Grove	9926001	W2020-0080A	1920952 01	2020	3	IIIA	145	930,000	P	
Cherokee	1811002	W2020-0078A	1920950 01	2020	3	IIIA	139	724,000	P	
Lockridge	5157001	W2020-0052A	1920953 01	2020	3	IIIA	139	125,000	P	
Pomeroy	1363001	W2020-0084A	1920951 01	2020	3	IIIA	134	1,980,000	P	
Farmersburg	2228001	S2018-0188A	1920949 01	2020	3	IVB	130	457,000	P	
Center Point	5718001		PD-CW-20-30	2020	3		P&D	755,000	L	
Farmersburg	2228001		PD-CW-20-29	2020	3		P&D	61,000	L	
Independence	1037001		PD-CW-20-24	2020	3		P&D	101,000	L	
Janesville	0732001		PD-CW-20-28	2020	3		P&D	125,000	L	
Johnston	7740002		PD-CW-20-26	2020	3		P&D	265,610	L	
Leland	9549001		PD-CW-20-23	2020	3		P&D	124,000	L	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Walford	0690001		PD-CW-20-25	2020	3		P&D	200,000	L	
Williamsburg	4884001		PD-CW-20-27	2020	3		P&D	1,134,700	L	
Melcher-Dallas	6352001	S2018-0333A	1920940 01	2020	2	I,II	282	2,477,000	P	
Runnells	7774001	S2017-0330A	1920943 01	2020	2	I,II	282	1,889,000	P	
Rockwell City	1376001	W2018-0350	1920932 01	2020	2	I,II	267	8,240,000	P	
Dysart	862700	W2018-0132A	1920936 01	2020	2	I,II	264	4,158,690	P	
Mechanicsville	1667001	W2017-0296A	1920937 01	2020	2	I,II	264	3,176,000	P	
Des Moines (W Ingersoll Run S Sep)	7727001 (WRA)	S2019-0198A	1920944 01	2020	2	V	205	19,139,699	P	
Waterloo (WWTP Biosolids Modif)	0790001	S2017-0342A	1920941 01	2020	2	I	170	16,341,000	R	
WRA, Des Moines Sewer Lining	7727001 (WRA)	S2019-0363A	1920934 01	2020	2	IIIB	170	12,000,000	L	
WRA, Des Moines Sewer Lining	7727001 (WRA)	S2019-0363A	1920934 02	2020	2	IIIB	170	31,441,125	P	
Pierson	9766002	S2019-0290	1920933 01	2020	2	IIIA	142	493,000	P	
Rembrandt	1170001	S2019-0282A	1920938 01	2020	2	IIIA	142	268,000	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	P	
Elk Run Heights	0721001		PD-CW-20-17	2020	2		P&D	352,000	L	
Elliott	7825001		PD-CW-20-18	2020	2		P&D	225,000	L	
McGregor	2258000		PD-CW-20-16	2020	2		P&D	144,000	L	
Miles	49503001		PD-CW-20-15	2020	2		P&D	390,000	L	
Nevada	8562001		PD-CW-20-20	2020	2		P&D	2,885,000	R	
Osceola	2038002		PD-CW-20-22	2020	2		P&D	495,000	L	
Pella	6368006		PD-CW-20-14	2020	2		P&D	370,000	L	
Raymond	0721001		PD-CW-20-19	2020	2		P&D	352,000	L	
Indianola	9133001	S2015-0386	1920927 R1	2020	1	I,II	295	17,059,000	L	
Indianola	9133001	S2015-0386	1920927 R2	2020	1	I,II	295	22,086,000	P	
Auburn	8104076	W2018-0247	1920931 01	2020	1	I	245	227,000	R	
Park View Water & Sanitary District	8200902	S2018-0348	1920925 01	2020	1	II	245	5,558,000	P	
Saint Olaf	2277002	S2018-0159	1920926 01	2020	1	II	240	250,000	P	
Fontanelle	0135001	S2019-0094	1920922 01	2020	1	II	237	2,520,000	P	
Bloomfield	2613001	S2019-0054	1920921 01	2020	1	II	235	8,620,000	R	
Tipton	1689001, 1689002	S2017-0094	1920928 01	2020	1	II	232	5,648,000	P	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Glidden	1438001	S2016-0396	1920929 01	2020	1	II	224	3,980,000	R	
Wellsburg	3890001	S2014-0285	1920923 01	2020	1	II	224	1,739,000	P	
Guttenberg	2242001	S2019-0196	1920924 01	2020	1	V	172	517,000	P	
Grundy Center	3833001	S2019-0287	1920930 01	2020	1	IIIA	145	2,407,000	P	
Bettendorf	N/A		GNS-19-02	2020	1	VIK		2,100,886	P	G
Johnston	N/A		GNS-19-01	2020	1	VIK		1,750,000	P	G
Eagle Grove	9923001		PD-CW-20-13	2020	1		P&D	150,000	L	
Grimes	7736001		PD-CW-20-05	2020	1		P&D	475,000	L	2019
Lake Park	3045001		PD-CW-20-08	2020	1		P&D	440,000	L	
Maquoketa	4950001		PD-CW-20-07	2020	1		P&D	308,000	L	
Mediapolis	2948001		PD-CW-20-03	2020	1		P&D	100,000	L	2019
Park View Water & Sanitary District	8200902		PD-CW-20-06	2020	1		P&D	310,000	L	
Peterson	2154002		PD-CW-20-12	2020	1		P&D	116,000	L	2019
Rockwell City	1376001		PD-CW-20-09	2020	1		P&D	677,500	R	
Saint Olaf	2277002		PD-CW-19-62	2020	1		P&D	35,000	L	2019
Wellsburg	3890001		PD-CW-19-60	2020	1		P&D	140,000	L	2019
Mount Pleasant	4453001	S2015-0081	1920919 01	2019	4	I,II,IVB	324	4,020,000	P	
Pella	6368006	S2017-0215	1920918 01	2019	4	I,II,IVB	305	7,808,000	L	
Columbus Junction	5815001	S2016-0171	1920913 01	2019	4	II	270	302,000	P	
Peosta	3150000	S2016-0180	1920912 01	2019	4	I,II	264	8,184,000	P	
Ladora	4840001	S2017-0239	1920911 01	2019	4	II,IVB	244	1,051,000	P	
Preston	4965001	S2018-0180	1920910 01	2019	4	II	224	1,427,000	P	
WRA (replace clarifiers rotating mech)	7727001	S2019-0006	1920914 01	2019	4	I	180	30,486,675	R	
Fayette	3342001	S2016-0375	1920812 02	2019	4	IIIA	154	82,000	L	
Spencer	2171004	S2014-0044	1920920 01	2019	4	I	149	2,960,000	P	
Sumner	0970001	S2019-0180	1920916 01	2019	4	IIIB,IVB	149	296,000	P	
Mitchellville	7751001	S2018-0295	1920915 01	2019	4	IVB	137	1,603,000	P	
Underwood	7869001	S2013-0176B	1920917 01	2019	4	IVB	132	930,000	P	
Bloomfield	2613001		PD-CW-19-52	2019	4		P&D	381,100	R	
Dubuque	3126001		PD-CW-19-46	2019	4		P&D	0	D	
Preston	4965001		PD-CW-19-59	2019	4		P&D	155,000	L	
Underwood	7869001		PD-CW-19-47	2019	4		P&D	0	D	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Waverly	0990001		PD-CW-19-50	2019	4		P&D	780,000	L	
Davenport	8222003	S2018-0145	1920896 01	2019	3	II	260	8,490,000	P	
Cambridge	8509001	S2016-0380	1920902 01	2019	3	II	255	633,000	P	
Maxwell	8557001	S2017-0135	1920901 01	2019	3	II	250	3,009,000	P	
Eldon	9053001	S2016-0240A	1920903 01	2019	3	IIIA	235	1,005,000	R	
Tripoli	0975001	S2017-0155	1920900 01	2019	3	II	232	2,010,000	P	
Bayard	3907001	S2017-0231	1920909 01	2019	3	II	229	2,673,000	P	
Dallas Center	2520001	S2016-0399	1920905 R1	2019	3	II	227	3,025,000	L	
Dallas Center	2520001	S2016-0399	1920905 G1	2019	3	II	227	1,140,000	L	
Schleswig	2446001	S2017-0450	1920899 01	2019	3	II	224	3,748,000	P	
Everly	2115001	S0217-0336	1920906 01	2019	3	I	215	3,289,000	L	F
Wapello	5879001	S2018-0317	1920907 01	2019	3	V	195	441,000	L	
Fort Dodge	9433003	S2015-0080	1920908 01	2019	3	IIIA,IIIB	190	15,533,999	R	
Hawarden	8434001	S2018-0375	1920897 01	2019	3	I	170	3,510,000	L	
Hubbard	4254001	S2017-0079	1920898 01	2019	3	IIIA	134	900,000	L	
Mediapolis	2948001	S2015-0002	1920904 01	2019	3	IIIA	129	1,307,000	L	
Essex	7349001		PD-CW-19-31	2019	3		P&D	0	D	
Blairstown	0607001	S2017-0311	1920889 01	2019	2	I,II	282	1,173,000	R	
Lake Mills	9545001	S2017-0385	1920894 01	2019	2	I,II	277	1,799,000	P	
DeWitt	2330001	S2018-0262	1920895 01	2019	2	II	224	1,480,000	L	
Waverly	0990001	S2018-0335	1920892 01	2019	2	IVB	205	9,132,435	P	
Waterloo (NW Int Sewer)	0790001	S2017-0196	1920893 01	2019	2	IVB	175	5,771,000	P	
Winterset	6171001	S2018-0411	1920890 01	2019	2	IVB	127	1,808,000	L	
Ottumwa	9083001		PD-CW-19-29	2019	2		P&D	3,900,000	R	
West Union	3383303	S2017-0426	1920887 01	2019	1	I,II	295	8,630,000	L	
Hartford	9128001	S2017-0245	1920877 01	2019	1	I,II	285	2,381,000	P	
Lone Tree	5240001	S2016-0010	1920883 R1	2019	1	I,II	279	2,700,000	L	
Lone Tree	5240001	S2016-0010	1920883 G1	2019	1	I,II	279	3,162,000	R	
Osceola	2038002	S2016-0112	1920878 01	2019	1	I,II	277	25,554,000	R	
West Point	5691001	S2017-0004	1920880 01	2019	1	II	219	1,885,000	L	
Clinton	2326001	S2018-0233	1920886 01	2019	1	V	197	8,005,000	L	
Waterloo (Sanitary Gatewell Repairs)	0790001	S2018-0100	1920884 01	2019	1	IIIB	185	3,581,000	R	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Davenport	8222003	S2018-0177	1920888 01	2019	1	IIIA	150	10,387,000	L	
Waukee (SW Area Trunk Sewer-Ph 2)	2573001	S2018-0083	1920882 01	2019	1	IVB	145	1,690,000	P	
Madrid	0848001	S2017-0223	1920879 01	2018	4	I,II	290	7,483,000	L	
Clarinda	7329001	S2017-0100	1920873 01	2018	4	I,II	272	15,400,000	L	
New Albin	0370001	S2013-0348	1920871 01	2018	4	I,II	264	1,860,000	P	
Waukon	0398001	S2017-0205A	1920875 G1	2018	4	I,II	264	2,525,000	R	
Charles City	3405001	S2016-0468	1920876 G1	2018	4	I,II	245	3,000,000	L	
Charles City	3405001	S2016-0468	1920876 R1	2018	4	I,II	245	13,484,000	R	
Mitchellville	7751001	S2017-0458	1920869 01	2018	4	II	242	1,100,000	L	
Sigourney	5475002	S2016-0181	1920870 01	2018	4	II	224	5,070,225	P	
Ely	5728001	S2018-0133	1920865 01	2018	4	IVA,IVB	184	1,779,000	P	
Melcher-Dallas	6352001	S2018-0146	1920866 01	2018	4	IIIA	172	1,450,000	L	
Keokuk	5604001	S2018-0212	1920872 01	2018	4	V	167	14,171,000	P	
Lynnville	5047001	S2018-0216	1920874 01	2018	4	IIIA	157	600,000	L	
Hawkeye	3346001	S2018-0194	1920868 01	2018	4	IIIA	114	657,000	L	
Keokuk	5640001		PD-CW-18-39	2018	4		P&D	0	D	
Zwingle	4998001		PD-CW-18-42	2018	4		P&D	125,000	R	
Lowden	1656001	S2017-0362	1920862 01	2018	3	I,II	274	4,312,000	L	
Montezuma	7950001	S2016-0051	1920859 01	2018	3	I,II	267	4,990,000	L	
Des Moines (King-Irving)	7727001 (WRA)	S2018-0068	1920858 R1	2018	3	V	235	9,500,000	L	
Des Moines (King-Irving)	7727001 (WRA)	S2018-0068	1920858 R2	2018	3	V	235	9,500,000	L	
Nora Springs	3423001	S2016-0216A	1920857 G1	2018	2	II	295	600,000	L	
Smithland	9783001	S2017-0060	1920856 01	2018	2	II,IIIA	285	564,000	L	
Mount Vernon	5758001	S2017-0177	1920853 01	2018	2	II	250	1,766,000	L	
Estherville	3218002	S2016-0265	1920849 01	2018	2	II	237	15,926,000	P	
Allerton	9303003	S2015-0086	1920854 01	2018	2	IIIA	175	155,000	L	
Maxwell	8557001		PD-CW-18-23	2018	2		P&D	591,000	L	
Mechanicsville	1667001		PD-CW-18-24	2018	2		P&D	320,000	L	
Scranton	3759001	S2016-0048	1920847 01	2018	1	I,II	290	1,300,000	L	
Burlington	2909001	S2017-0262	1920843 01	2018	1	V	247	8,176,000	L	
Stanwood	1681001	S2017-0085A	1920835 01	2018	1	II	224	2,906,000	L	
Marshalltown	6469001	S2017-0286	1920840 01	2018	1	IIIA	165	3,500,000	L	

Project Name	NPDES #	Project Number	CWSRF No.	IUP YR	QTR	Needs Categories	Priority Points	Current Requests	Project Status	Type
Oskaloosa	6273001	S2017-0294	1920845 03	2018	1	IIIA	142	1,269,000	L	
Glidden	1438001		PD-CW-18-07	2018	1		P&D	215,000	R	
Slater	8580001	S2016-0070	1920820 01	2017	4	I,II	267	6,650,000	P	
New Sharon	6264001	S2015-0384	1920829 S1	2017	4	I,IIIA	242	200,000	L	
Pisgah	4364001		PD-CW-17-45	2017	4	IIIA	P&D	0	D	
Sheldahl	8580001		PD-CW-17-41	2017	4	I	P&D	20,000	R	
Corydon	9334004	S2014-0043	1920815 01	2017	3	II	237	3,304,000	P	
Modale	4347001		PD-CW-17-30	2017	3	I	P&D	60,500	R	
Sioux City	9778001	S2016-0389	1920813 01	2017	2	I,II	217	31,983,398	P	
Waterloo (CIPP Phase III)	0790001	S2016-0285	1920811 02	2017	2	IIIA	185	898,000	R	
Waterloo (Dry Run Creek Int)	0790001	S2015-0280	1920807 01	2017	2	IVB	150	4,337,000	P	
Moravia	0467001		PD-CW-17-31	2017	2	IIA	P&D	115,000	R	
Emerson	6520001	S2015-0430	1920790 01	2017	1	IIIA,IVB	159	345,000	L	
Brandon	1011001	S2009-0160	1920779 01	2016	4	II	225	0	D	
Ames	8503001	S2013-0327	1920741 02	2016	4	IIIA	145	19,421,625	R	
Stanwood	1681001	S2016-0154	1920783 01	2016	4	IIIA	127	277,000	L	
Fort Atkinson	9641001	S2015-0087	1920770 01	2016	3	I,II	290	1,249,000	P	
Marathon	1150001	S2015-0402	1920771 01	2016	3	I	162	1,171,000	P	
Mapleton	6727001		PD-CW-16-30	2016	3	I	P&D	225,000	R	
Harris	7222001	S2015-0358	1920757 02	2016	2	IIIA	145	582,685	R	
RUSS (Moar/Powdertown)	Unsewered		PD-CW-16-11	2016	2	I,IVA	P&D	0	D	
Keokuk	5640001	S2015-0088	1920732 01	2015	4	IIIA	237	1,484,700	P	
WRA, Ph 17, Seg 7 (main outfall)	7727001	S2009-0219	1920499 02	2015	1	IVB	160	10,400,000	R	
Martensdale	9147001	S2013-0292	1920682 01	2014	2	IIIB	150	833,800	P	
Patterson	6151001	S2011-0078	1920659 01	2013	3	IIIB	165	54,540	R	
Clinton (Phase II, Part 2)	2326001	S2005-0016	1920629 01	2012	4	V	144	0	D	
Nemaha	Unsewered		PD-CW-12-04	2012	2	I,IIIB	P&D	0	D	
Truro	61670001	S010-0144	CS1920605 S2	2011	3	IIIA	139	140,000	L	
Libertyville	5148001		PD-CW-10-51	2011	1	I,IIIA,IIIB,VI	P&D	0	D	
Total:								739,524,117		

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
Total		22,800,000

Program Administration

Capitalization Grant 4%	PENDING	TAKEN	EXPENDED THRU 06/03/20	AVAILABLE 06/30/20
FY 2009 ARRA		2,121,600	2,121,600	0
FY 2018		868,920	868,920	0
FY 2019		860,200	860,200	0
FY 2020		860,320	212,584	647,736
Total				0

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, 2020

Project	Number	Year	Loan Amount	Loan Date	Loan Amount	Interest Rate	Maturity Date
Truro	CS1920605 S2	2011	140,000	01/10/20	140,000	1.75%	06/2039
Dyersville	C0741R-WRR	2014		06/05/20	260,000	0.75%	06/2037
Postville	C0800R-WRR	2015		12/13/19	421,000	1.14%	06/2045
Readlyn	C0858G-WRR	2015		10/25/19	74,000	0.75%	06/2037
Des Moines	C0946R-WRR	2016		05/22/20	575,000	0.77%	06/2039
Des Moines	C0947R-WRR	2016		05/22/20	575,000	0.77%	06/2039
Dubuque	C0980R-WRR	2016		11/01/19	229,000	0.75%	06/2038
Stanwood	CS1920783 01	2016	276,800	05/08/20	277,000	1.75%	06/2039
Des Moines	C0948R-WRR	2017		05/22/20	750,000	0.97%	06/2040
Emerson	CS1920790 01	2017	1,136,200	05/01/20	345,000	1.75%	06/2040
Lake View	CF0931R-WRR	2017		05/22/20	469,000	1.17%	06/2049
New Sharon	CS1920829 S1	2017	200,000	03/06/20	200,000	1.75%	06/2039
Ogden	C0897R-WRR	2017		04/24/20	481,000	1.99%	06/2044
Waukee	C0853R-WRR	2017		05/01/20	920,000	0.75%	06/2038
WRA	C0966RT-WRR	2017		04/10/20	1,000,000	0.78%	06/2039
Allerton	CS1920854 01	2018	271,000	08/30/19	155,000	1.75%	06/2039
Burlington	CS1920843 01	2018	6,197,000	07/12/19	8,176,000	1.75%	06/2039
Central City	C0978R-WRR	2018		05/29/20	313,000	0.88%	06/2039
Charles City	CS1920876 G1	2018	3,000,000	12/06/19	3,000,000	1.75%	06/2039
Clarinda	CS1920873 01	2018	12,000,000	12/20/19	15,400,000	1.75%	06/2041
Des Moines	CS1920858 R1	2018	15,260,000	05/22/20	9,500,000	1.24%	06/2041
Des Moines	CS1920858 R2	2018	15,260,000	05/22/20	9,500,000	1.24%	06/2041
Des Moines	C1077R-WRR	2018		05/22/20	500,000	1.24%	06/2041
Des Moines	C1076R-WRR	2018		05/22/20	500,000	1.24%	06/2041
Hawkeye	CS1920868 01	2018	523,000	07/19/19	657,000	1.75%	06/2039
Lowden	CS1920862 01	2018	4,059,000	08/30/19	4,312,000	1.75%	06/2040
Lynnville	CS1920874 01	2018	532,000	01/31/20	600,000	1.75%	06/2040
Madrid	CS1920879 01	2018	4,951,000	06/05/20	7,483,000	2.75%	06/2048
Marshalltown	CS1920840 01	2018	3,500,000	07/19/19	3,500,000	1.75%	06/2040
Maxwell	PD-CW-18-23	2018	591,000	06/19/20	591,000	0.00%	
Mechanicsville	PD-CW-18-24	2018	320,000	10/04/19	320,000	0.00%	
Melcher-Dallas	CS1920866 01	2018	1,272,000	10/25/19	1,450,000	1.75%	06/2039
Mitchellville	CS1920869 01	2018	698,475	04/03/20	1,100,000	1.75%	06/2039
Montezuma	CS1920859 01	2018	4,589,936	10/04/19	4,990,000	1.75%	06/2039
Mount Vernon	CS1920853 01	2018	1,766,000	08/30/19	1,766,000	1.75%	06/2039
Nora Springs	CS1920857 G1	2018	600,000	07/26/19	600,000	1.75%	06/2039
Oskaloosa	CS1920845 03	2018	4,446,000	05/01/20	1,269,000	1.75%	06/2030
Scranton	CS1920847 R1	2018	2,137,133	01/24/20	1,300,000	1.75%	06/2040
Smithland	CS1920856 01	2018	915,000	07/26/19	564,000	1.75%	06/2039
Stanwood	CS1920835 01	2018	2,280,646	07/26/19	2,906,000	1.75%	06/2039
Clinton	CS1920886 01	2019	7,437,000	07/19/19	8,005,000	1.75%	06/2040
Clinton	C1013R-WRR	2019		05/01/20	743,000	0.83%	06/2040
Dallas Center	CS1920905 R1	2019	3,025,000	01/24/20	3,025,000	1.75%	06/2040

Project	Number	Year	Loan Amount	Loan Date	Loan Amount	Interest Rate	Maturity Date
Dallas Center	CS1920905 G1	2019	1,163,000	06/05/20	1,140,000	1.75%	06/2040
Davenport	CS1920888 01	2019	9,055,334	12/06/19	10,387,000	1.75%	06/2040
De Witt	CS1920895 01	2019	955,000	02/28/20	1,480,000	1.75%	06/2028
Everly	CS1920906 01	2019	4,024,000	06/19/20	3,289,000	1.75%	06/2051
Fayette	CS1920812 02	2019	130,000	09/13/19	82,000	1.75%	06/2029
Hawarden	CS1920897 01	2019	3,179,000	08/30/19	3,510,000	1.75%	06/2040
Hawarden	C1024R-WRR	2019		06/19/20	299,000	0.91%	06/2040
Hubbard	CS1920898 01	2019	624,000	07/26/19	900,000	1.75%	06/2039
Lone Tree	CS1920883 R1	2019	2,700,000	06/19/20	2,700,000	1.75%	06/2041
Mediapolis	CS1920904 01	2019	1,312,000	01/10/20	1,307,000	1.75%	06/2040
Pella	CS1920918 01	2019	5,769,000	05/01/20	7,808,000	1.75%	06/2041
Preston	PD-CW-19-59	2019	155,000	08/23/19	155,000	0.00%	
Wapello	CS1920907 01	2019	342,626	08/23/19	441,000	1.75%	06/2039
Waverly	PD-CW-19-50	2019	780,000	12/06/19	780,000	0.00%	
West Point	CS1920880 01	2019	1,506,000	07/12/19	1,885,000	1.75%	06/2039
West Union	CS1920887 01	2019	6,561,000	04/24/20	8,630,000	2.75%	06/2046
Winterset	CS1920890 01	2019	1,087,581	02/14/20	1,808,000	1.75%	06/2040
Casey	PD-CW-20-40 / 21-01	2020	17,000	06/26/20	100,000	0.00%	
Center Point	PD-CW-20-30	2020	755,000	01/10/20	755,000	0.00%	
Cushing	PD-CW-20-45	2020	101,100	03/20/20	101,100	0.00%	
Dow City	PD-CW-20-47	2020	150,000	03/20/20	150,000	0.00%	
E.I.R.U.S.S.	PD-CW-20-43	2020	264,000	03/27/20	264,000	0.00%	
Eagle Grove	PD-CW-20-13	2020	150,000	07/12/19	150,000	0.00%	
Elk Run Heights	PD-CW-20-17	2020	352,000	09/20/19	352,000	0.00%	
Elliott	PD-CW-20-18	2020	225,000	02/07/20	225,000	0.00%	
Farmersburg	PD-CW-20-29	2020	61,000	01/10/20	61,000	0.00%	
Frederika	PD-CW-20-41	2020	121,500	04/24/20	121,500	0.00%	
Independence	PD-CW-20-24	2020	101,000	01/17/20	101,000	0.00%	
Indianola	CS1920927 R1	2020	17,059,000	04/17/20	17,059,000	2.75%	06/2050
Janesville	PD-CW-20-28	2020	125,000	02/21/20	125,000	0.00%	
Johnston	PD-CW-20-26	2020	265,610	01/10/20	265,610	0.00%	
Ladora	PD-CW-20-46	2020	24,000	03/27/20	24,000	0.00%	
Lake Park	PD-CW-20-08	2020	440,000	07/19/19	440,000	0.00%	
Leland	PD-CW-20-23	2020	124,000	02/28/20	124,000	0.00%	
Maquoketa	PD-CW-20-07	2020	308,000	12/20/19	308,000	0.00%	
McGregor	PD-CW-20-16	2020	144,000	10/04/19	144,000	0.00%	
Miles	PD-CW-20-15	2020	390,000	05/01/20	390,000	0.00%	
Osceola	PD-CW-20-22	2020	495,000	08/30/10	495,000	0.00%	
Park View Water & Sanitary District	PD-CW-20-06	2020	310,000	07/12/19	310,000	0.00%	
Pella	PD-CW-20-14	2020	370,000	10/18/19	370,000	0.00%	
Raymond	PD-CW-20-19	2020	352,000	10/25/19	352,000	0.00%	
Walford	PD-CW-20-25	2020	200,000	01/10/20	200,000	0.00%	
Williamsburg	PD-CW-20-27	2020	1,134,700	01/10/20	1,134,700	0.00%	

Project	Number	Year	Loan Amount	Loan Date	Loan Amount	Interest Rate	Maturity Date
WRA	CS1920934 01	2020	12,000,000	12/20/19	12,000,000	1.75%	06/2039
Dysart	PD-CW-21-13	2021		06/19/20	251,000	0.00%	
Harpers Ferry	PD-CW-21-03	2021		06/26/20	194,000	0.00%	
Marathon	PD-CW-21-05	2021		06/26/20	348,000	0.00%	
Mount Ayr	PD-CW-21-06	2021		06/19/20	47,500	0.00%	
TOTAL			172,766,641		182,504,410		

During fiscal year 2020, the release of \$7,122,799.38 in unused proceeds from completed construction projects and \$8,393,571.38 in P&D rollover/repayment resulted in net municipal binding commitments of \$166,988,059.24.

CW Exhibit 2A: Construction Starts Reported in Fiscal Year 2020

Project	CWSRF Number	Construction Start Date
Truro <i>(supplemental)</i>	CS1920605 S2	09/15/14
Stanwood	CS1920783 01	05/22/17
Oskaloosa	CS1920845 03	03/12/18
Des Moines - River Bend & King Irving	CS1920858 R1, R2	03/21/18
WRA - Biogas Improvements <i>(sponsored project)</i>	C0966RT-WRR	04/06/18
New Sharon <i>(supplemental)</i>	CS1920829 S1	08/20/18
Fayette	CS1920812 02	08/24/18
Readlyn <i>(sponsored project)</i>	C0858G-WRR	10/23/18
Des Moines - Westside Sewer Sep <i>(sponsored project)</i>	C0948R-WRR	11/06/18
Hawkeye	CS1920868 01	03/15/19
Nora Springs	CS1920857 G1	03/26/19
New London <i>(sponsored project)</i>	C0583R-WRR	04/04/19
Mount Vernon	CS1920853 01	05/24/19
Clinton	CS1920886 01	05/29/19
Marshalltown	CS1920840 01	05/29/19
Stanwood	CS1920835 01	06/10/19
West Point	CS1920880 01	06/10/19
Allerton	CS1920854 01	06/19/19
Wapello	CS1920907 01	06/22/19
Postville <i>(sponsored project)</i>	C0800R-WRR	06/30/19
Montezuma	CS1920859 01	07/01/19
Smithland	CS192856 01	07/19/19
Burlington	CS1920843 01	08/01/19
Lowden	CS1920862 01	08/05/19
Hawarden	CS1920897 01	08/12/19
Hubbard	CS1920898 01	08/19/19
Mediapolis	CS1920904 01	08/23/19
Lynnville	CS1920874 01	09/09/19
Melcher-Dallas	CS1920866 01	09/09/19
Dubuque <i>(sponsored project)</i>	C0980R-WRR	09/15/19
Clarinda	CS1920873 01	10/07/19
WRA - Des Moines Sewer Lining	CS1920934 01	10/21/19
Davenport	CS1920888 01	11/05/19
Winterset	CS1920890 01	11/05/19
Dallas Center	CS1920905 R1, G1	11/12/19
Scranton	CS1920847 01	11/22/19
Emerson	CS1920790 01	12/01/19
Mitchellville	CS1920869 01	01/27/20
Everly	CS1920906 01	01/30/20
Ogden <i>(sponsored project)</i>	C0897R-WRR	02/17/20
West Union	CS1920887 01	02/17/20
Indianola	CS1920927 R1	02/18/20
Des Moines - Lower Oak & Highland Pk <i>(sponsored project)</i>	C0946R/947R-WRR	03/03/20

Project	CWSRF Number	Construction Start Date
Pella	CS1920918 01	03/23/20
Madrid	CS1920879 01	03/24/20
Hawarden (<i>sponsored project</i>)	C1024RT-WRR	04/10/20
De Witt	CS1920895 01	04/15/20
Central City (<i>sponsored project</i>)	C0978R-WRR	05/04/20
Clinton (<i>sponsored project</i>)	C1013R-WRR	05/04/20
Lone Tree	CS1920883 R1	05/05/20
Waukee (<i>sponsored project</i>)	C0853R-WRR	05/08/20
Dyersville (<i>sponsored project</i>)	C0741R-WRR	05/18/20
Lake View (<i>sponsored project</i>)	CF0931R-WRR	05/18/20
Charles City	CS1920876 01	05/24/20

CW Exhibit 2B: Initiation of Operations Reported in Fiscal Year 2020

Project	CWSRF Number	Initiation of Operation
Keokuk	CS1920709 01	07/12/16
Tama	CS1920669 01	10/03/16
Clarence	CS1920774 01	07/01/17
Fort Madison .	CS1920786 01	12/20/17
Dyersville	CS1920689 01	02/13/18
Granville	CS1920738 01	03/01/18
Brooklyn	CS1920735 G1, R1	03/30/18
Indianola	CS1920848 01	07/24/18
Waukee	CS1920810 01	09/21/18
Oelwein	CS1920793 01	12/01/18
Lenox	CS1920799 01	12/18/18
Mount Pleasant	CS1920665 01	01/16/19
Springville	CS1920824 01	01/21/19
Elkhart	CS1920798 G1, R1	05/09/19
Independence	CS1920881 01	05/22/19
Keosauqua	CS1920693 01	05/22/19
Lisbon	CS1920839 01, S1	06/07/19
Mediapolis	CS1920832 01	06/14/19
Postville	CS1920756 01	06/19/19
Klemme	CS1920833 01	06/29/19
Reinbeck	CS1920776 01	07/17/19
Wilton	CS1920850 01	07/17/19
Calmar	CS1920823 01	08/07/19
Newhall (<i>sponsored project</i>)	C0698RT-WRR	08/12/19
Gilbert	CS1920844 01	09/01/19
Northwood (<i>sponsored project</i>)	C0804R-WRR	09/06/19
Pleasantville (<i>sponsored project</i>)	C0843R-WRR	09/16/19
Oskaloosa	CS1920845 01	09/17/19
New Sharon	CS1920829 01, S1	10/03/19
Postville	CS1920726 01	10/18/19
Hubbard	CS1920898 01	10/30/19
Des Moines - Westside Sewer Sep (<i>sponsored project</i>)	C0948R-WRR	11/01/19
Woodward	CS1920814 01	11/15/19
Ogden	CS1920816 01	11/20/19
Spencer	CS1920745 03	11/27/19
Alton	CS1920864 01	12/01/19

CW Exhibit 2C: Environmental Reviews (ER) Reported in Fiscal Year 2020

Project	CWSRF Number	Document Issue Date	Final Clearance/Completion Date	CX/FNSI/RE
Hawarden	CS1920897 01	06/25/19	07/29/19	CX
Fort Dodge	CS1920908 01	07/25/19	08/26/19	CX
WRA (WRF Clarifier)	CS1920917 01	07/31/19	09/06/19	CX
Davenport	CS1920888 01	08/09/19	09/16/19	CX
Waterloo (Dry Run Creek)	CS1920807 01	09/04/19	10/07/19	CX
WRA (Sewer Lining)	CS1920934 01	10/07/19	11/13/19	CX
DeWitt	CS1920895 01	10/21/19	11/26/19	CX
Auburn	CS1920931 01	10/28/19	12/06/19	CX
Eldon	CS1920903 01	11/04/19	12/12/19	CX
Waterloo (Biosolids Mod)	CS1920941 01	11/14/19	12/19/19	CX
Blairstown	CS1920889 01	11/08/19	12/31/19	CX
Park View Water & Sanitary District	CS1920925 01	12/12/19	01/21/20	CX
Grundy Center	CS1920930 01	12/02/19	02/17/20	CX
Pella	CS1920918 01	01/07/20	02/24/20	CX
Fontanelle	CS1920922 01	01/21/20	03/02/20	CX
Janesville	CS1920948 01	01/22/20	03/03/20	CX
Underwood	CS1920917 01	02/05/20	03/12/20	CX
Rembrandt	CS1920938 01	12/10/19	03/27/20	CX
Pomeroy	CS1920951 01	02/25/20	04/06/20	CX
Lockridge	CS1920953 01	03/09/20	04/13/20	CX
Eagle Grove	CS1920952 01	03/19/20	05/04/20	CX
Guttenberg	CS1920924 01	02/21/20	05/11/20	CX
Pierson	CS1920933 01	04/01/20	05/11/20	CX
Templeton	CS1920967 01	04/22/20	05/28/20	CX
Wayland	CS1920968 01	05/20/20	06/24/20	CX
Oxford Junction *	CS1920958 01	06/23/20	07/24/20	CX
Smithland	CS1920856 01	06/18/19	07/18/19	FNSI
Dallas Center	CS1920905 01	07/12/19	08/12/19	FNSI
Clarinda	CS1920873 01	07/30/19	08/29/19	FNSI
Waterloo (Gate Wells)	CS1920884 01	10/04/19	11/06/19	FNSI
Glidden	CS1920929 01	10/30/19	11/30/19	FNSI
Waterloo (Gate Wells--sewer)	CS1920884 01	11/06/19	12/09/19	FNSI
Dyersville (sewer)	CS1920690 01	11/27/19	12/30/19	FNSI
Bloomfield	CS1920921 01	12/16/19	01/16/20	FNSI
Fort Dodge (FNSI #1)	CS1920908 01	01/15/20	02/14/20	FNSI
Peosta	CS1920912 01	01/28/20	02/28/20	FNSI
Madrid	CS1920879 01	01/28/20	03/02/20	FNSI
Mitchellville	CS1920915 01	01/30/20	03/02/20	FNSI
Preston	CS1920910 01	01/30/20	03/02/20	FNSI
Tipton	CS1920928 01	02/03/20	03/06/20	FNSI
Lone Tree	CS1920883 01	02/10/20	03/12/20	FNSI
Schleswig	CS1920899 01	02/25/20	03/26/20	FNSI
West Union	CS1920887 01	02/26/20	03/27/20	FNSI

Project	CWSRF Number	Document Issue Date	Final Clearance/ Completion Date	CX/FNSI/RE
Fort Dodge (FNSI #2)	CS1920908 01	02/27/20	03/30/20	FNSI
Indianola (WRRF Project)	CS1920927 01	03/02/20	04/01/20	FNSI
Dallas Center	CS1920905 01	03/27/20	04/27/20	FNSI
Charles City	CS1920876 01	04/23/20	05/25/20	FNSI
Tripoli	CS1920900 01	04/24/20	05/25/20	FNSI
Des Moines (Near West Side - Phase 4)	CS1920795 01	05/12/20	06/12/20	FNSI
Dysart	CS1920936 01	05/20/20	06/19/20	FNSI
Davenport (UV Disinfection)	CS1920896 01	05/18/20	06/22/20	FNSI
Mechanicsville	CS1920937 01	05/20/20	06/22/20	FNSI
Wellsburg	CS1920923 01	05/19/20	06/25/20	FNSI
Runnells	CS1920943 01	05/27/20	06/29/20	FNSI
Monroe (added LS RE)	CS1920852 01	08/15/19	09/23/19	RE
Emerson (RE)	CS1920790 01	09/04/19	10/15/19	RE
Eldridge (temp easement RE)	CS1920818 01	09/12/19	10/28/19	RE

CX = Categorcial Exclusion

FNSI = Finding of No Significant Impact

RE = Reaffirmation

*The ER document for this project was finalized in fiscal year 2020

CW Exhibit 3: Grant Payments with Respect to State Match Fiscal Year 2020 **CW Exhibit 4: Sources of Funds**

Source of Funds	Part I Prior Years	Part II State Fiscal Year 2020				Part III Totals
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	
FY 89 - 11 Grant Payments	408,159,459					408,159,459
FY 89 - 11 State Match	80,492,567					80,492,567
FY 09 ARRA Grant Payments	53,040,000					53,040,000
FY 12 Grant Payments *	19,128,000					19,128,000
FY 12 State Match	3,825,600					3,825,600
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

*2012 grant payments include \$86,000 retained by EPA Region 7 at grant award to fund SEE position at Iowa DNR's request.

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

CW Exhibit 4: Sources of Funds, Cash Basis

	2020	2019
	(\$)	(\$)
Draws on Capitalization Grant Agreements		
Loan Disbursements	26,745,069	18,877,300
SRF Administration	1,769,312	1,837,419
Interest Received on Investments & Cash Equivalents	2,646,303	3,564,265
New Bond Proceeds Received	222,214,868	237,508,714
Cash Receipts for Fees	4,594,787	4,502,632
Loan Repayments		
Interest on Loans	30,587,606	28,473,565
Principal Repayments	87,231,782	77,895,332
	<hr/>	<hr/>
Total Sources of Funds	375,789,727	372,659,227
	<hr/> <hr/>	<hr/> <hr/>

CW Exhibit 5: Statement of Net Position

(Dollars in Thousands)

	2020 (\$)	2019 (\$)
Assets		
Current assets (substantially restricted):		
Cash and cash equivalents	361,207	295,875
Other investments	23,078	33,515
Loans to municipalities or water systems, net	88,732	76,455
Accrued interest receivable	2,480	3,075
Other current assets	591	501
Total current assets	476,088	409,421
Noncurrent assets (substantially restricted):		
Other investments	10,188	11,025
Loans to municipalities or water systems, net	1,438,200	1,311,503
Total noncurrent assets	1,448,388	1,322,528
Total assets	1,924,476	1,731,949
Deferred Outflows of Resources		
Other post employment benefits	6	4
Pension plan (Note 3)	72	87
Loss on bond refunding	6,755	8,479
Total deferred outflows of resources	6,833	8,570
Liabilities		
Current liabilities:		
Bonds payable, net (Notes 1 and 2)	43,550	41,430
Accrued interest payable	20,267	17,436
Accounts payable and other liabilities	878	690
Total current liabilities	64,695	59,556
Noncurrent liabilities:		
Bonds payable, net (Notes 1 and 2)	1,186,751	1,021,516
Other noncurrent liabilities	328	362
Total noncurrent liabilities	1,187,079	1,021,878
Total liabilities	1,251,774	1,081,434
Deferred Inflows of Resources		
Other post employment benefits	4	2
Pension plan (Note 3)	71	23
Total deferred inflows of resources	75	25
Net Position		
Restricted net position	679,460	659,060
Total net position	679,460	659,060

CW Exhibit 6: Statement of Revenues, Expenses, and Changes in Net Position

(Dollars in Thousands)

	2020	2019
	(\$)	(\$)
Operating revenues:		
Interest income	32,639	32,430
Net increase in fair value of investments	243	321
Fee income	4,664	4,441
Total operating revenues	<u>37,546</u>	<u>37,192</u>
Operating expenses:		
Interest on bonds	34,104	28,858
General and administrative	4,611	4,671
Total operating expenses	<u>38,715</u>	<u>33,529</u>
Net operating income	<u>(1,169)</u>	<u>3,663</u>
Nonoperating revenue (expenses):		
Grant income	28,613	20,899
Grants and aid	(2,940)	(90)
Inter-Agency transfers	(4,104)	4,104
Net nonoperating revenues	<u>21,569</u>	<u>24,913</u>
Change in net position	<u>20,400</u>	<u>28,576</u>
Net position at June 30, 2019	<u>659,060</u>	<u>630,484</u>
Net position at June 30, 2020	<u><u>679,460</u></u>	<u><u>659,060</u></u>

CW Exhibit 7: Statement of Cash Flows

(Dollars in Thousands)

	2020 (\$)	2019 (\$)
Cash flows from operating activities:		
Cash receipts for fees and other income	4,595	4,503
Interest received on loans	30,587	28,474
Principal payments on loans	87,232	77,895
Purchase of loans	(221,394)	(225,664)
Cash payments for salaries and related benefits	(494)	(508)
Cash payments to suppliers	(3,921)	(4,498)
Net cash used in operating activities	(103,395)	(119,798)
Cash flows from noncapital financing activities:		
Proceeds from issuance of bonds	222,215	237,509
Repayment of bonds	(41,520)	(53,053)
Interest paid	(41,784)	(23,202)
Payments for cost of issuance	(1,105)	(1,159)
Receipts for grant programs	24,509	25,004
Payments for grant programs	(7,752)	(2,435)
Net cash provided by noncapital financing activities	154,563	182,664
Cash flows from investing activities:		
Purchase of investments	(21,922)	(42,254)
Interest received on investments	2,646	3,564
Sales/maturities of investments	33,440	41,023
Net cash provided by investing activities	14,164	2,333
Change in cash and cash equivalents	65,332	65,199
Cash and cash equivalents, beginning of year	295,875	230,676
Cash and cash equivalents, end of year	361,207	295,875
Reconciliation of operating income to net cash provided by (used in) operating activities:		
Operating Income	(1,169)	3,663
Interest on investments	(2,646)	(3,564)
Bond interest expense	32,999	27,699
Bond issuance costs	1,105	1,159
Change of FMV of investments	(243)	(321)
Change in Assets & Liabilities:		
Principal repayments loans	87,232	77,895
Purchase of loans	(221,394)	(225,664)
Interest receivable	595	(392)
Miscellaneous receivable	(69)	62
Other assets	(20)	(184)
Deferred outflows	12	4
Increase (decrease) in accounts payable and other liabilities	154	(164)
Deferred inflows	49	9
Net cash used in operating activities	(103,395)	(119,798)

Note 1: The outstanding State Match Bonds at June 30, 2020 and June 30, 2019 are as follows:

	FY 2020	FY 2019
CWSRF 2010 MTA	480,000	1,075,000
CWSRF 2011 MTA	455,000	665,000
CWSRF 2013 MTA	1,425,000	1,740,000
CWSRF 2015 MTA	6,180,000	7,570,000
CWSRF 2016 MTA	1,485,000	5,945,000
CWSRF 2017 MTA	2,165,000	2,820,000
CWSRF 2019 MTA	7,815,000	8,595,000
CWSRF 2020 MTA	8,125,000	0
	<hr/>	<hr/>
	28,130,000	28,410,000

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

	Prior Years	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Disbursement (\$1000)	2,198,179	64,977	58,072	47,639	46,521	2,415,388
Federal Cash Draw (\$1000)	592,992	837	21,306	370	6,001	621,506
State Share (\$1000)	1,605,187	64,140	36,766	47,269	40,520	1,793,882
Federal as % of Disbursement	27.0%	1.3%	36.7%	0.8%	12.9%	25.7%

The 2019 capitalization grant was awarded in September 2019 and the 2020 capitalization grant was awarded in May 2020. The state match for both was provided by a February 2019 bond issue and was expended first, therefore, federal project draws were made for 100% of eligible disbursements on selected loans.

CW Exhibit 9

	PRIOR YEARS	2018 PYMT 1	2019 PYMT 1	2020 PYMT 1
CAPITALIZATION GRANT	519,238,459	21,723,000	21,505,000	21,508,000
STATE MATCH	103,847,692	4,344,600	4,301,000	4,301,600
TOTAL PROGRAM	623,086,151	26,067,600	25,806,000	25,809,600
PAYMENT DATE		10/01/18	10/01/19	05/01/20
COMMITMENT DATE		10/01/19	10/01/20	05/01/21

LOAN AGREEMENTS (excl ARRA & non-municipal GNS funding):

	PRIOR YEARS	2018 PYMT 1	2019 PYMT 1	2020 PYMT 1
IUP - Prior Years	2,105,113,472			
11 - Albert City		(253,948)		
18 - Allerton		155,000		
11/15/16 - Ames		4,897,581		
15 - Arthur		(61,834)		
12 - Blairsburg			(117,696)	
15 - Blencoe		236,000		
15 - Brooklyn			(272,145)	
18 - Burlington		8,176,000		
12 - Calamus		130,000	(155,189)	
17 - Calmar			(68,752)	
18 - Central City		4,084,000		313,000
18 - Charles City			3,000,000	
16 - Clarence			(491,163)	
18 - Clarinda			15,400,000	
19 - Clinton		8,005,000		743,000
16 - Coralville		36,106,000		
17 - Creston		3,216,000		
13 - Cumming			(56,851)	
19 - Dallas Center			3,025,000	1,140,000
19 - Davenport			10,387,000	
16 - Davis City		(9,675)		
19 - De Witt			1,480,000	
16/17/18 - Des Moines		30,686,000		21,900,000
16 - Dike		(233,963)		
10/11/16 - Dubuque		18,599,233	229,000	
14 - Dyersville			(633,271)	260,000
17 - Eldridge		9,000,000		
17 - Elkhart		1,350,000		
17 - Emerson				345,000
- Everly				3,289,000
19 - Fayette		82,000		
16 - Fort Madison			(317,248)	
17 - Garrison		(157,594)		
18 - Gilbert			(227,247)	
15 - Gladbrook			(98,246)	
15 - Granville			(98,571)	

16 - Greene	3,462,000		
16 - Harris	(31,028)		
19 - Hawarden	3,510,000		299,000
18 - Hawkeye	657,000		
16 - Hills	(45,728)		
17/19 - Hubbard	887,624		
19 - Independence	1,565,000		
20 - Indianola		17,059,000	
16/17 - Johnston	4,070,000	(132,409)	
15 - Keokuk		(561,979)	
14 - Keosauqua		(44,477)	
15 - Keystone	(228,417)		
17 - Lake View			469,000
16 - Lakeside	(152,143)		
17 - Le Grand	2,089,000		
17 - Lenox		(42,140)	
18 - Lisbon	272,000		
19 - Lone Tree			2,700,000
18 - Lowden	4,312,000		
18 - Lynnville		600,000	
18 - Madrid			7,483,000
16 - Manning		(24,830)	
13 - Marengo		(199,284)	
18 - Marshalltown	3,500,000		
19 - Mediapolis		1,307,000	
18 - Melcher-Dallas		1,450,000	
18 - Mitchellville		1,100,000	
18 - Monroe	3,870,000		
18 - Montezuma		4,990,000	
18 - Mount Vernon	1,766,000		
17 - Moville	(92,802)		
11 - New London	265,000		
17 - New Sharon		200,000	
18 - Nora Springs	8,339,000		
15 - Northwood	494,000		
17 - Ogden		481,000	
18 - Oskaloosa	3,176,000	(174,316)	1,269,000
17 - Oxford	(37,418)		
11/19 - Pella		(435,420)	7,808,000
18 - Pocahontas	2,779,000		
15/16 - Postville		280,554	
15 - Readlyn	249,000	74,000	
16 - Reinbeck	792,000	(67,916)	
15/18 - Roland	3,951,629		
16 - Sanborn	9,000,000		
18 - Scranton		1,300,000	
17 - Shenandoah	(56,072)		

18 - Smithland	564,000			
15/18 - Spencer	(40,001)			(8,000)
17 - Springville				(46,288)
16 - St. Donatus			(89,072)	
16/18 - Stanwood	2,906,000			277,000
18 - Sully	983,000			
11 - Truro			140,000	
11 - Urbandale-Windsor Heights S.D.				(1,258,723)
19 - Wapello	441,000			
17 - Waterloo	2,077,000			
17 - Waukee				920,000
18 - Waukon	10,000,000			
08/09 - Wastewater Reclamation Authority	(205,200)			
17/19/20 - Wastewater Reclamation Authority	35,300,000	13,000,000		
13 - Wellman	(6,715)			
15 - West Liberty	(28,484)			
19 - West Point	1,885,000			
16/19 - West Union	(73,169)	8,630,000		
18 - Wilton			(173,045)	
19 - Winterset			1,808,000	
17 - Winthrop	2,632,000			
17 - Woodward	5,716,000			
OSWAP link-deposit loans	1,800,000			
P&D Loans	36,145,133	3,414,264	1,941,133	269,000
Total Loans	2,143,058,605	247,933,140	83,400,420	48,170,989
PGM-ADM	20,709,157	868,920	860,260	860,320
TOTAL COMMITMENTS	2,163,767,762	248,802,060	84,260,680	49,031,309
TOTAL CUMULATIVE COMMITMENTS	2,163,767,762	2,412,569,822	2,496,830,502	2,545,861,811
120% COMMITMENT REQUIRED	623,086,151	649,153,751	674,959,751	700,769,351
SHORTFALL/(EXCESS)	(1,540,681,611)	(1,763,416,071)	(1,821,870,751)	(1,845,092,460)
% COMMITMENT ACHIEVED	416.71947	445.97813	443.90745	435.95431

DW Exhibits

1-10

DW Exhibit 1: SFY 2020 Intended Use Plan Project Priority List

P-Planning Stage, R-Ready for Loan, L-Loan Signed, C-Contingency, D-Dropped, F-Loan Forgiveness, G-Green

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Dedham	FS-14-20-DWSRF-026	2020	4	A, E	60	402,000	P	F 75%
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	2,450,000	P	
Melvin	FS-72-20-DWSRF-033	2020	4	B, C, E	55	422,100	P	
Eastern Iowa Reg Util Serv Systs (EIRUSS) (formerly Bellevue)	FS-49-20-DWSRF-028	2020	4	A, E	45	1,700,000	P	
Westgate	FS-33-20-DWSRF-024	2020	4	B, E	45	2,703,000	P	
Graettinger	FS-74-20-DWSRF-027	2020	4	B, C, E	40	0	D	
Cedar Rapids	FS-57-20-DWSRF-022	2020	4	B	35	18,400,000	P	
Rudd	FS-34-20-DWSRF-023	2020	4	B, C, E	35	721,000	P	
Carlisle	FS-91-20-DWSRF-032	2020	4	B, E	30	3,400,000	P	
Plainfield	FS-09-20-DWSRF-030	2020	4	B, E	30	171,000	P	
Prairie City	FS-50-20-DWSRF-034	2020	4	B, E	30	804,000	P	
Dunkerton	FS-07-20-DWSRF-035	2020	4	B, E	25	1,142,000	P	
Lyon & Sioux Rural Water	FS-60-20-DWSRF-029	2020	4	B, E	25	6,709,000	P	
Dunkerton	PD-DW-20-38	2020	4	G	P&D	100,000	L	
Fort Atkinson	PD-DW-20-42	2020	4	G	P&D	53,220	L	
Rudd	PD-DW-20-37	2020	4	G	P&D	104,600	L	
MacBride Pt Third Master Maint Assoc	FS-52-20-DWSRF-019	2020	3	A, E	60	178,000	P	F 75%
West Burlington	FS-29-20-DWSRF-014	2020	3	B, E	45	3,570,000	P	
Eagle Grove	FS-99-20-DWSRF-018	2020	3	B, C, E	40	503,000	P	
Worthington	FS-31-20-DWSRF-020	2020	3	B, C, E	40	208,000	P	
Jamaica	FS-39-20-DWSRF-017	2020	3	B, C, E	35	1,213,000	P	
Dunlap	FS-43-20-DWSRF-016	2020	3	B, E	30	444,000	P	
Lockridge	FS-51-20-DWSRF-015	2020	3	B, E	30	124,000	P	
New Vienna	FS-31-20-DWSRF-021	2020	3	B, E	30	339,000	P	
Britt	PD-DW-20-34	2020	3	G	P&D	500,000	L	
Independence	PD-DW-20-32	2020	3	G	P&D	131,000	L	
Plainfield	PD-DW-20-33	2020	3	G	P&D	40,000	P	
Prairie City	PD-DW-20-34	2020	3	G	P&D	120,000	L	
Rock Valley	PD-DW-20-35	2020	3	G	P&D	922,300	P	
Worthington	PD-DW-20-36	2020	3	G	P&D	23,000	L	

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Bagley	FS-39-20-DWSRF-013	2020	2	A, C, E	80	545,000	P	F 75%
Garwin	FS-86-20-DWSRF-008	2020	2	B, C, E	55	800,000	P	
Dyersville	FS-31-20-DWSRF-011	2020	2	B, E	45	1,600,000	L	
Iowa-American Water - Davenport	FS-82-20-DWSRF-007	2020	2	A	45	7,689,300	P	
Park View Water & Sanitary District	FS-82-20-DWSRF-006	2020	2	B, E	45	2,509,000	R	
Rock Valley	FS-84-20-DWSRF-010	2020	2	B, E	45	2,009,000	P	
Tipton	FS-16-20-DWSRF-009	2020	2	B, C, E	40	407,000	P	
Dakota City	FS-46-20-DWSRF-012	2020	2	B, E	25	1,116,000	R	
Clarion	PD-DW-20-021	2020	2	G	P&D	1,500,000	L	
Hiawatha	FS-57-20-DWSRF-004	2020	1	B, E	60	2,329,000	R	
Albion	FS-64-20-DWSRF-002	2020	1	B, E	45	412,000	R	F 50%
Auburn	FS-81-20-DWSRF-003	2020	1	B, E	45	1,447,000	R	
Fairfax	FS-57-20-DWSRF-005	2020	1	B, E	45	3,782,000	L	
Wahpeton	FS-30-20-DWSRF-001	2020	1	B, E	30	669,000	L	
Eagle Grove	PD-DW-20-10	2020	1	G	P&D	115,000	L	
Early	PD-DW-20-01	2020	1	G	P&D	515,000	L	2019
Fairfax	PD-DW-20-11	2020	1	G	P&D	291,000	L	2019
Williamsburg	FS-48-19-DWSRF-023	2019	4	A, B, E	70	0	D	
Guthrie Center	FS-39-19-DWSRF-026	2019	4	B, C, E	55	1,491,000	P	
Pomeroy	FS-13-19-DWSRF-024	2019	4	B, C, E	55	1,769,000	L	
Alta Municipal Utilities	FS-11-19-DWSRF-031	2019	4	B, E	45	825,000	L	
Sanborn	FS-71-19-DWSRF-027-R	2019	4	B, E	45	4,102,000	L	
Sanborn	FS-71-19-DWSRF-027-G	2019	4	B, E	45	4,400,000	L	
Oelwein	FS-33-19-DWSRF-030	2019	4	B, C, E	40	1,281,000	R	
Sigourney	FS-54-19-DWSRF-029	2019	4	B, C, E	40	650,000	L	
Somers	FS-13-19-DWSRF-028	2019	4	B, C, E	35	179,000	R	
Sumner	FS-09-19-DWSRF-025	2019	4	B, D, E	30	1,511,000	L	
Stacyville	FS-66-19-DWSRF-016	2019	3	B, C, E	40	988,000	R	
Thompson	FS-95-19-DWSRF-018	2019	3	B, C, E	40	577,000	R	
Grafton	FS-98-19-DWSRF-022	2019	3	B, C, E	35	552,000	L	
Sioux City (airport water main)	FS-97-19-DWSRF-019	2019	3	A, B	35	3,098,000	P	
Clarion	FS-99-19-DWSRF-020	2019	3	B, E	30	1,397,000	P	

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Mitchellville	FS-77-19-DWSRF-017	2019	3	B, E	30	562,000	L	
Bernard	FS-31-19-DWSRF-015	2019	3	B, E	25	185,000	R	
Rockwell City	FS-13-19-DWSRF-021	2019	3	D, E	25	1,199,000	L	
Woodland Ridge Subdivision	FS-52-19-DWSRF-011	2019	2	A, F	60	638,000	L	
Pleasantville	FS-63-19-DWSRF-010	2019	2	A, B, C, E	55	417,000	L	
Osceola Rural Water Syst-North	FS-72-19-DWSRF-012	2019	2	B, E	40	17,709,000	P	
Colfax	FS-50-19-DWSRF-013	2019	2	B, E	30	2,834,000	L	
Ottumwa Water Works	FS-90-19-DWSRF-009	2019	2	B, C	25	6,500,000	L	
Dubuque	FS-31-19-DWSRF-014	2019	2	B	20	4,400,000	L	
Bellevue	PD-DW-19-15	2019	2	G	P&D	285,000	R	
Albion	PD-DW-19-13	2019	2	G	P&D	55,000	R	
Bellevue	FS-49-19-DWSRF-003	2019	1	B, E	45	0	D	
Clarion	FS-99-19-DWSRF-004	2019	1	B, E	45	826,000	L	
Avoca	FS-78-19-DWSRF-006	2019	1	B, E	30	2,211,000	L	
Anthon	FS-97-19-DWSRF-001	2019	1	B, E	25	1,117,000	L	
Johnston	FS-77-19-DWSRF-002	2019	1	B, E	20	4,550,000	L	
Osceola County Rural Water	PD-DW-19-03	2019	1	G	P&D	700,000	L	
Grimes	FS-77-18-DWSRF-016(4)	2018	4	B	30	21,990,000	L	
Gilbert	FS-85-18-DWSRF-021-G	2018	4	B, E	25	500,000	L	
Gilbert	FS-85-18-DWSRF-021-R	2018	4	B, E	25	4,209,000	L	
Lake Panorama Association	FS-39-18-DWSRF-018	2018	4	B, E	25	4,750,000	L	
Iowa Lakes Regional Water	FS-21-18-DWSRF-019	2018	4	B	15	260,000	P	
Dunkerton	PD-DW-18-46	2018	4	G	P&D	0	D	
Dunkerton	FS-07-18-DWSRF-014	2018	3	B, E	25	0	D	
Vail	PD-DW-18-30	2018	3	G	P&D	50,000	R	
Kiron	FS-24-18-DWSRF-013	2018	2	B, C, E	55	305,000	L	
Cleghorn	FS-18-18-DWSRF-006(2)	2018	2	B, E	45	467,000	R	
Pocahontas	FS-76-18-DWSRF-012	2018	2	B, E	45	547,000	P	
Lehigh	FS-94-18-DWSRF-008	2018	2	B, C, E	35	553,554	P	
Sioux City (Grandview Reservoirs)	FS-97-18-DWSRF-007	2018	2	B	35	9,620,000	P	
Sergeant Bluff	FS-97-18-DWSRF-009(2)	2018	2	B, E	25	5,614,000	L	
Lakota	FS-55-18-DWSRF-002	2018	1	B, C, E	35	855,000	L	

Project Name	DWSRF No.	IUP YR	QTR	Project Type	Priority Points	Current Requests	Project Status	Type
Newton Water Works	FS-50-18-DWSRF-001	2018	1	B	15	784,000	L	
Dedham	PD-DW-18-01	2018	1	G	P&D	50,000	R	
Armstrong	FS-32-17-DWSRF-020	2017	3	A, B, E	70	1,100,000	L	
Gallery Acres West HOA (Solon)	FS-52-17-DWSRF-017	2017	3	A, E	60	1,334,000	L	F 75%
Truro	FS-61-17-DWSRF-016	2017	3	A, B, E	45	866,000	P	
Lyon & Sioux Rural Water Syst	FS-60-17-DWSRF-011	2017	2	B, E	25	137,000	L	F 75% Gen
Washington supplemental	FS-92-17-DWSRF-007(2)	2017	2	F	25	220,000	R	
Sioux City (W Hills / Indian Hills)	FS-97-17-DWSRF-012	2017	2	B	20	6,507,000	L	
Rathbun Regional Water (RRWA)	FS-04-17-DWSRF-010	2017	2	C, D	15	2,902,945	P	G-F 30% WM
Sioux City (Zenith WTP)	FS-97-17-DWSRF-013	2017	2	B	15	1,797,267	P	
West Des Moines Water Works	FS-77-16-DWSRF-022(2)	2016	4	B	35	1,891,000	R	
Westgate	FS-33-16-DWSRF-015	2016	3	B, E	45	0	D	
Farmington	FS-89-16-DWSRF-006	2016	2	B, C, E	40	312,000	R	
Van Meter	FS-25-15-DWSRF-020	2015	4	B, E	45	4,608,000	P	
Guthrie Center	FS-39-15-DWSRF-018	2015	4	B, C, E	40	0	D	
Ruthven	FS-74-15-DWSRF-006	2015	2	B, C, E	55	1,316,550	P	
Little Sioux supplemental	FS-43-15-DWSRF-010(2)	2015	2	F	40	84,000	R	
Ida Grove	FS-47-14-DWSRF-008	2014	3	B, E	45	0	D	
De Soto	FS-24-14-DWSRF-011	2014	3	B, E	25	4,020,000	R	
Stanwood	FS-16-13-DWSRF-021	2013	4	B, C, E	40	402,000	L	
Shenandoah	FS-73-12-DWSRF-020	2012	4	B, C, D, E	45	80,800	R	G-F 20%
Cedar Falls Utilities	FS-07-12-DWSRF-028	2012	4	A	35	1,380,670	P	F 75%
Albia Municipal Water Works	FS-68-12-DWSRF-008	2012	2	B, C, E	40	350,000	P	
Total:						\$222,889,306		

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

GRANT YEAR	4% SET-ASIDE	RESERVED	TAKEN	EXPENDED 06/30/20	AVAILABLE 06/30/20
2014	529,160	0	529,160	529,160	0
2015	525,680	0	525,680	525,680	0
2016	497,280	0	497,280	497,280	0
2017	493,040	0	493,040	140,405	352,635
2018	703,880	544,200	159,680	50,000	109,680
2019	697,280	697,280	0	0	0
		1,241,480	2,204,840	1,742,525	462,315

Technical Assistance to Small Systems

GRANT YEAR	2% SET-ASIDE	RESERVED	TAKEN	EXPENDED 06/30/20	AVAILABLE 06/30/20
2014	264,580	0	264,580	264,580	0
2015	262,840	0	262,840	262,840	0
2016	248,640	100,000	148,640	15,264	133,376
2017	246,520	246,520	0	0	0
2018	351,940	351,940	0	0	0
2019	348,640	348,640	0	0	0
		1,047,100	676,060	542,684	133,376

State Program Management

GRANT YEAR	10% SET-ASIDE	RESERVED	TAKEN	EXPENDED 06/30/20	AVAILABLE 06/30/20
2010	2,316,900	0	2,316,900	2,316,900	0
2011	1,607,700	0	1,607,700	1,607,700	0
2012	1,532,200	0	1,532,200	1,131,014	401,186
2013	1,437,500	0	1,437,500	0	1,437,500
2014	1,322,900	968,900	354,000	0	354,000
2015	1,314,200	1,314,200	0	0	0
2016	1,243,200	1,243,200	0	0	0
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
		7,979,297	7,530,803	5,338,117	2,192,686

Local Assistance and Other Authorized Activities

GRANT YEAR	15% SET-ASIDE		TAKEN	EXPENDED 06/30/20	AVAILABLE 06/30/20
2016	1,864,800		1,864,800	1,864,800	0
2018	2,639,550		1,759,700	1,175,541	584,159
2019	2,614,800		1,743,200	100,517	1,642,683
			5,367,700	3,140,858	2,226,842

Total: 5,015,219

DW Exhibit 2: Binding Commitments for the Fiscal Year ending June 30, 2020

Project	Project Number	IUP Year	IUP Projected Loan Amount	Actual Loan Date	Actual Loan Amount	Loan Terms	
						Interest Rate	Maturity Date
Stanwood	FS-16-13-DWSRF-021	2013	786,841	05/08/20	402,000	1.75%	06/2039
Armstrong	FS-32-17-DWSRF-020	2017	1,100,000	03/27/20	1,100,000	1.75%	06/2040
Gallery Acres West HOA	FS-52-17-DWSRF-017	2017	1,039,000	09/20/19	1,334,000	1.75%	06/2039
Lyon & Sioux Rural Water Syst	FS-60-17-DWSRF-011	2017	131,000	10/25/19	137,000	1.75%	06/2039
Sioux City (W Hills / Indian Hills)	FS-97-17-DWSRF-012	2017	8,000,000	07/12/19	6,507,000	1.75%	06/2039
Gilbert	FS-85-18-DWSRF-021-G	2018	500,000	12/13/19	500,000	1.75%	06/2040
Gilbert	FS-85-18-DWSRF-021-R	2018	3,822,000	12/13/19	4,209,000	1.75%	06/2039
Grimes (water treatment plant)	FS-77-18-DWSRF-016(4)	2018	18,310,000	01/10/20	21,990,000	1.75%	06/2041
Kiron	FS-24-18-DWSRF-013	2018	561,000	07/26/19	305,000	1.75%	06/2049
Lake Panorama Association	FS-39-18-DWSRF-0187	2018	3,569,000	01/01/20	4,750,000	1.75%	06/2040
Lakota	FS-55-18-DWSRF-002	2018	424,000	12/20/19	855,000	1.75%	06/2047
Newton Water Works	FS-50-18-DWSRF-001	2018	402,000	02/07/20	784,000	1.75%	06/2040
Sergeant Bluff	FS-98-18-DWSRF-009(2)	2018	4,854,000	02/07/20	5,614,000	1.75%	06/2040
Alta Municipal Utilities	FS-11-19-DWSRF-031	2019	784,000	07/12/19	825,000	1.75%	06/2039
Anthon	FS-97-19-DWSRF-001	2019	1,226,000	03/06/20	1,117,000	1.75%	06/2040
Avoca	FS-78-19-DWSRF-006	2019	2,213,602	08/16/19	2,211,000	1.75%	06/2040
Clarion	FS-99-19-DWSRF-004	2019	802,995	01/10/20	826,000	1.75%	06/2050
Colfax	FS-50-19-DWSRF-013	2019	2,697,000	05/01/20	2,834,000	1.75%	06/2040
Dubuque	FS-31-19-DWSRF-014	2019	4,697,370	08/09/19	4,400,000	1.75%	06/2040
Grafton	FS-98-19-DWSRF-022	2019	630,000	02/07/20	552,000	1.75%	06/2039
Johnston	FS-77-19-DWSRF-002	2019	2,750,000	04/24/20	4,550,000	1.75%	06/2040
Mitchellville	FS-77-19-DWSRF-017	2019	1,110,000	09/20/19	562,000	1.75%	06/2039
Osceola County Rural Water Syst	PDDW1903	2019	700,000	05/15/20	700,000	0.00%	
Ottumwa Water Works	FS-90-19-DWSRF-009	2019	4,400,000	06/12/20	6,500,000	1.75%	06/2041
Pleasantville	FS-63-19-DWSRF-010	2019	848,000	07/12/19	417,000	1.75%	06/2039
Pomeroy	FS-13-19-DWSRF-024	2019	1,136,000	05/29/20	1,769,000	1.75%	06/2040
Rockwell City	FS-13-19-DWSRF-021	2019	1,695,000	05/08/20	1,199,000	1.75%	06/2040
Sanborn	FS-71-19-DWSRF-027-R	2019	4,102,000	06/05/20	4,102,000	1.75%	06/2041
Sanborn	FS-71-19-DWSRF-027-G	2019	4,400,000	06/05/20	4,400,000	1.75%	06/2040
Sigourney	FS-54-19-DWSRF-029	2019	491,000	06/05/20	650,000	1.75%	06/2040
Sumner	FS-09-19-DWSRF-025	2019	684,000	10/04/19	1,511,000	1.75%	06/2039
Woodland Ridge LOA	FS-52-19-DWSRF-011	2019	510,000	12/20/19	638,000	1.75%	06/2039
Britt	PDDW2031	2020	500,000	01/24/20	500,000	0.00%	
Clarion	PDDW2021	2020	1,500,000	12/20/19	1,500,000	0.00%	
Dunkerton	PDDW2038	2020	100,000	03/27/20	100,000	0.00%	
Dyersville	FS-31-20-DWSRF-006	2020	1,461,000	03/06/20	1,600,000	1.75%	06/2040
Eagle Grove	PDDW2010	2020	115,000	07/12/19	115,000	0.00%	
Fairfax	FS-57-20-DWSRF-005	2020	3,142,000	05/29/20	3,782,000	1.75%	06/2040
Fort Atkinson	PDDW2042	2020	53,220	05/01/20	53,220	0.00%	
Independence	PDDW2032	2020	131,000	01/17/20	131,000	0.00%	
Prairie City	PDDW2034	2020	120,000	01/17/20	120,000	0.00%	
Rudd	PDDW2037	2020	104,600	05/01/20	104,600	0.00%	

Project	Project Number	IUP Year	IUP Projected Loan Amount	Actual Loan Date	Actual Loan Amount	Loan Terms	
						Interest Rate	Maturity Date
Wahpeton	FS-30-20-DWSRF-001	2020	526,000	12/06/19	669,000	1.75%	06/2039
Worthington	PDDW2036	2020	23,000	01/17/20	23,000	0.00%	
Chariton Water Works	PDDW2110	2021		06/26/20	380,000	0.00%	
TOTAL			87,151,628		97,327,820		

During fiscal year 2020, the release of \$3,591,706.73 in unused proceeds from completed construction projects and \$5,687,431.35 in P&D rollovers/repayments resulted in net binding commitments of \$88,048,681.92.

DW Exhibit 2A: Construction Starts Reported

Project	DWSRF Number	Construction Start Date
Stanwood	FS-16-13-DWSRF-021	05/22/17
Lyon & Sioux Rural Water System	FS-60-17-DWSRF-011	09/18/18
Grimes	FS-77-18-DWSRF-016(4)	01/29/19
Sioux City (Western Hills / Indian Hills)	FS-97-17-DWSRF-012	01/29/19
Gallery Acres West HOA	FS-52-17-DWSRF-017	03/15/19
Pleasantville	FS-63-19-DWSRF-010	04/17/19
Kiron	FS-24-18-DWSRF-013	06/14/19
Mitchellville	FS-77-19-DWSRF-017	07/10/19
Avoca	FS-78-19-DWSRF-006	07/15/19
Dubuque	FS-31-19-DWSRF-014	07/25/19
Alta Municipal Utilities	FS-11-19-DWSRF-031	08/08/19
Woodland Ridge LOA	FS-52-19-DWSRF-011	08/11/19
Sumner	FS-09-19-DWSRF-025	08/28/19
Wahpeton	FS-30-20-DWSRF-001	09/09/19
Gilbert	FS-85-18-DWSRF-021	09/20/19
Clarion	FS-99-19-DWSRF-004	10/18/19
Lake Panorama Association	FS-39-18-DWSRF-018	11/01/19
Lakota	FS-55-18-DWSRF-002	11/04/19
Grafton	FS-98-19-DWSRF-022	11/19/19
Newton Water Works	FS-50-18-DWSRF-001	12/11/19
Sergeant Bluff	FS-97-18-DWSRF-009(2)	12/20/19
Johnston	FS-77-19-DWSRF-002	01/09/20
Colfax	FS-50-19-DWSRF-013	02/26/20
Anthon	FS-97-19-DWSRF-001	03/17/20
Fairfax	FS-57-20-DWSRF-005	04/06/20
Sanborn	FS-71-19-DWSRF-027	04/27/20
Pomeroy	FS-13-19-DWSRF-024	04/29/20
Sigourney	FS-54-19-DWSRF0-029	06/16/20

DW Exhibit 2B: Initiation of Operations Reported

Project	DWSRF Number	Initiation of Operation
Shenandoah	FS-73-10-DWSRF-065	04/13/17
Spirit Lake	FS-30-16-DWSRF-021	09/09/17
Wahpeton	FS-30-16-DWSRF-014	11/13/17
Janesville	FS-09-17-DWSRF-009	12/15/17
Kelley	FS-85-17-DWSRF-005	11/07/18
Manchester	FS-28-19-DWSRF-005	11/21/18
Ridgeway	FS-96-16-DWSRF-007	12/14/18
Amana Society Service Company	FS-48-17-DWSRF-001	12/20/18
Coralville	FS-52-15-DWSRF-008	01/11/19
Sabula	FS-49-15-DWSRF-019	03/04/19
Lyon & Sioux Rural Water System	FS-60-17-DWSRF-011	03/27/19
Raymond	FS-07-17-DWSRF-028	05/15/19
Fort Dodge	FS-94-18-DWSRF-011	06/26/19
Bellevue	FS-49-17-DWSRF-021	07/02/19
Farley	FS-31-17-DWSRF-008	07/17/19
Alta Municipal Utilities	FS-11-19-DWSRF-031	04/06/20

DW Exhibit 2C: Environmental Reviews (ER) Reported

Project	DWSRF Number	Document Issue Date	Final Clearance / Completion Date	CX/FNSI/RE
Grafton	FS-98-19-022	06/20/19	07/31/19	CX
Albion	FS-64-20-002	09/26/19	10/31/19	CX
Hiawatha	FS-57-20-004	10/02/19	11/12/19	CX
Oelwein	FS-33-19-030	09/05/19	11/12/19	CX
Anthon	FS-25-19-001	10/24/19	12/03/19	CX
Clarion	FS-99-19-020	10/31/19	01/06/20	CX
Dakota City (WTP)	FS-46-20-012	12/02/19	01/06/20	CX
Mitchellville	FS-77-19-017	12/13/19	01/27/20	CX
Sioux City (Airport)	FS-97-19-019	09/23/19	02/14/20	CX
Sigourney	FS-54-19-029	02/06/20	03/16/20	CX
Worthington	FS-31-20-020	01/22/20	03/27/20	CX
New Vienna	FS-31-20-021	03/09/20	04/17/20	CX
Melvin	FS-72-20-033	04/01/20	05/08/20	CX
Plainfield	FS-09-20-030	05/06/20	06/12/20	CX
Avoca	FS-25-19-006	06/14/19	07/15/19	FNSI
Wahpeton	FS-30-20-001	07/15/19	08/15/19	FNSI
Bernard	FS-31-19-015	08/01/19	09/03/19	FNSI
Rockwell City	FS-13-19-021	08/08/19	09/09/19	FNSI
Ottumwa	FS-90-19-009	10/18/19	11/18/19	FNSI
Pomeroy	FS-13-19-024	10/24/19	11/26/19	FNSI
Somers	FS-13-19-028	10/29/19	12/02/19	FNSI
Auburn	FS-81-20-003	12/05/19	01/06/20	FNSI
Sanborn	FS-71-19-027	12/12/19	01/13/20	FNSI
Fairfax	FS-57-20-005	12/16/19	01/16/20	FNSI
Dyersville	FS-31-20-011	01/22/20	02/21/20	FNSI
Farmington	FS-89-16-006	02/07/20	03/12/20	FNSI
Iowa American Water (Davenport)	FS-82-20-007	02/27/20	03/30/20	FNSI
Bagley	FS-39-20-013	03/19/20	04/20/20	FNSI
West Burlington	FS-29-20-014	03/20/20	04/20/20	FNSI
Garwin	FS-86-20-008	03/26/20	04/27/20	FNSI
Guthrie Center	FS-39-19-026	04/02/20	05/06/20	FNSI
Park View Water & Sanitary District	FS-82-20-006	04/15/20	05/15/20	FNSI
Fort Dodge (Soldier Creek Crossing)	FS-94-18-001	04/17/20	05/17/20	FNSI
Lockridge	FS-51-20-015	04/22/20	05/26/20	FNSI
Eagle Grove *	FS-99-20-018	06/09/20	07/09/20	FNSI
Waukee (ASR Well) *	FS-25-21-004	06/09/20	07/09/20	FNSI
Avoca	FS-25-19-006	10/24/19	12/03/19	RE

CX = Categorical Exclusion

FNSI = Finding of No Significant Impact

RE = Reaffirmation

*The ER document for this project was finalized in fiscal year 2020

DW Exhibit 3: Grant Payments with Respect to State Match Fiscal Year 2020

Source of Funds	Part I Prior Years	Part II State Fiscal Year 2020				Part III Totals
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	
FY 97 - 09 Grant Payments	165,148,100					165,148,100
FY 97 - 09 State Match	33,029,420					33,029,420
FY 09 ARRA Grant Payments	24,293,000					24,293,000
FY 10 Grant Payments	23,169,000					23,169,000
FY 10 State Match	5,033,800					5,033,800
FY 11 Grant Payments	16,077,000					16,077,000
FY 11 State Match	4,715,400					4,715,400
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

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

**2018 grant payments include \$50,000 retained by EPA Region 7 at grant award to fund SEE position at Iowa 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.

DW Exhibit 4: Sources of Funds

	2020 (\$)	2019 (\$)
Draws on Capitalization Grant Agreements		
Loan Disbursements	12,001,730	11,334,347
DWSRF Administration	1,125,119	1,028,403
Technical Assistance to Small Systems	397,971	340,189
Local Assistance and Other Authorized Activities	1,482,437	1,548,394
State Program Management	1,332,677	2,405,704
Interest Received on Investments and Cash Equivalents	2,134,793	2,619,356
New Bond Proceeds Received	41,969,800	58,946,021
Contribution from State FY 2020 (Note 3)		
Water Quality Protection Fund	960,526	(61,470)
Cash Receipts for Fees	1,692,838	1,464,645
Loan Repayments		
Interest on Loans	10,274,660	10,201,437
Principal Repayments	42,777,977	33,162,087
Total Sources of Funds	<u>116,150,528</u>	<u>122,989,113</u>

DW Exhibit 5: Statement of Net Position

(Dollars in Thousands)

	2020 (\$)	2019 (\$)
Assets		
Current assets (substantially restricted):		
Cash and cash equivalents	151,828	153,624
Other Investments	27,887	19,385
Loans to municipalities or water systems, net	42,229	36,741
Accrued interest receivable	921	1,278
Other current assets	494	572
Total current assets	<u>223,359</u>	<u>211,600</u>
Noncurrent assets (substantially restricted):		
Other Investments	8,889	8,995
Loans to municipalities or water systems, net	445,272	430,428
Total noncurrent assets	<u>454,161</u>	<u>439,423</u>
Total assets	<u>677,520</u>	<u>651,023</u>
Deferred Outflows of Resources		
Pension plan (Note 4)	37	41
Loss on bond refunding	3,155	4,150
Total deferred outflows of resources	<u>3,192</u>	<u>4,191</u>
Liabilities		
Current liabilities:		
Bonds payable, net (Notes 1 and 2)	20,590	17,065
Accrued interest payable	6,010	5,847
Accounts payable and other liabilities	634	704
Total current liabilities	<u>27,234</u>	<u>23,616</u>
Noncurrent liabilities:		
Bonds payable, net (Notes 1 and 2)	337,065	333,491
Other noncurrent liabilities	146	154
Total noncurrent liabilities	<u>337,211</u>	<u>333,645</u>
Total liabilities	<u>364,445</u>	<u>357,261</u>
Deferred Inflows of Resources		
Pension plan (Note 4)	37	12
Total deferred inflows of resources	<u>37</u>	<u>12</u>
Net Position		
Restricted net position	316,230	297,941
Total net position	<u>316,230</u>	<u>297,941</u>

DW Exhibit 6: Statement of Revenues, Expenses, and Changes in Net Position

(Dollars in Thousands)

	2020 (\$)	2019 (\$)
Operating revenues:		
Interest income	12,053	12,905
Net increase in fair value of investments	264	254
Fee income	1,665	1,427
Total operating revenues	<u>13,982</u>	<u>14,586</u>
Operating expenses:		
Interest on bonds	10,019	9,745
General and administrative	4,408	5,363
Provisions (recoveries) of losses	(25)	(25)
Total operating expenses	<u>14,402</u>	<u>15,083</u>
Net operating loss	<u>(420)</u>	<u>(497)</u>
Nonoperating revenues (expenses):		
Grant income	16,329	16,673
Grants and aid	(1,724)	(3,704)
Inter-Agency transfers	4,104	(4,104)
Net nonoperating revenues	<u>18,709</u>	<u>8,865</u>
Change in net position	<u>18,289</u>	<u>8,368</u>
Net position at June 30, 2019	<u>297,941</u>	<u>289,573</u>
Net position at June 30, 2020	<u>316,230</u>	<u>297,941</u>

DW Exhibit 7: Statement of Cash Flows

(Dollars in Thousands)

	2020 (\$)	2019 (\$)
Cash flows from operating activities:		
Cash receipts for fees and other income	1,693	1,465
Interest received on loans	10,275	10,202
Principal payments on loans	42,778	33,162
Purchase of loans	(58,689)	(30,554)
Cash payments for salaries and related benefits	(258)	(234)
Cash payments to suppliers	(4,418)	(5,454)
Net cash provided by (used in) operating activities	(8,619)	8,587
Cash flows from noncapital financing activities:		
Proceeds from issuance of bonds	41,970	58,946
Repayment of bonds	(29,395)	(22,250)
Interest paid	(14,141)	(7,871)
Payments for cost of issuance	(196)	(269)
Receipts for grant programs	20,726	12,861
Payments for grant programs	(6,143)	(25)
Net cash provided by noncapital financing activities	12,821	41,392
Cash flows from investing activities:		
Purchase of investments	(23,914)	(20,690)
Interest received on investments	2,135	2,619
Sales/maturities of investments	15,781	16,634
Net cash used in investing activities	(5,998)	(1,437)
Change in cash and cash equivalents	(1,796)	48,542
Cash and cash equivalents, beginning of year	153,624	105,082
Cash and cash equivalents, end of year	151,828	153,624
Reconciliation of operating income to net cash used in operating activities:		
Operating Income	(420)	(497)
Interest on investments	(2,135)	(2,619)
Bond interest expense	9,823	9,476
Bond issuance costs	196	269
Change of FMV of investments	(264)	(255)
Change in Assets & Liabilities:		
Principal repayments loans	42,778	33,162
Purchase of loans	(58,689)	(30,554)
Interest receivable	356	(84)
Miscellaneous receivable	27	38
Other assets	(242)	(309)
Deferred outflows	5	5
Decrease in accounts payable & other liabilities	(79)	(49)
Deferred inflows	25	4
Net cash provided by (used in) operating activities	(8,619)	8,587

Note 1: The outstanding State Match Bonds at June 30, 2020 and June 30, 2019 are as follows:

	FY 2020	FY 2019
DWSRF 2010 MTA	425,000	905,000
DWSRF 2011 MTA	330,000	485,000
DWSRF 2013 MTA	1,150,000	1,405,000
DWSRF 2015 MTA	4,620,000	5,695,000
DWSRF 2016 MTA	2,200,000	3,220,000
DWSRF 2017 MTA	1,545,000	2,015,000
DWSRF 2019 MTA	6,505,000	7,155,000
DWSRF 2020 MTA	6,500,000	0
	23,275,000	20,880,000

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: 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 50% match for this Set-Aside from the Water Quality Protection Fund administered by the Iowa Department of Natural Resources.

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

	Prior Years	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Disbursement (\$1000)	881,766	18,314	14,123	14,713	16,921	945,837
Federal Cash Draw (\$1000)	322,567	1,494	11,746	2,239	944	338,990
State Share (\$1000)	560,099	16,820	2,377	12,474	15,977	607,747
Federal as % of Disbursement	36.6%	8.2%	83.2%	15.2%	5.6%	35.8%

The 2019 capitalization grant was awarded in September 2019 and the state match was provided in February 2019 and was expended first, therefore, federal project draws were made for 100% of eligible disbursements on selected loans.

DW Exhibit 9

	PRIOR YEARS	2018 PYMT 1	2019 PYMT 1	2020 PYMT 1
CAPITALIZATION GRANT	285,219,500	17,597,000	17,432,000	0
STATE MATCH	57,043,900	3,519,400	3,486,400	0
TOTAL PROGRAM	342,263,400	21,116,400	20,918,400	0
PAYMENT DATE		10/01/18	10/01/19	
COMMITMENT DATE		10/01/19	10/01/20	

LOAN AGREEMENTS (excluding ARRA funding):	PRIOR YEARS	2018 PYMT 1	2019 PYMT 1	2020 PYMT 1
IUP - Prior Years	821,284,187			
16/19 - Alta Municipal Utilities		780,010		
17 - Amana Society Service Company			(842,941)	
19 - Anthon			1,117,000	
17 - Armstrong			1,100,000	
15 - Asbury			(335,406)	
19 - Avoca		2,211,000		
17 - Bellevue		2,200,000		
14 - Bonaparte			(20,117)	
19 - Clarion			826,000	
18 - Cleghorn		557,000		
19 - Colfax			2,834,000	
16 - Cushing		890,000	(147,053)	
18 - Delaware		112,000		
19 - Dubuque		4,400,000		
20 - Dyersville			1,600,000	
20 - Fairfax			3,782,000	
16 - Fenton			(34,304)	
12/17/18 - Fort Dodge		25,286,000		
17 - Gallery Acres West HOA		1,334,000		
18 - Gilbert			4,709,000	
19 - Grafton			552,000	
16 - Grimes		(15,444)		
18 - Grimes		9,559,000	21,990,000	
17 - Janesville			(97,787)	
19 - Johnston			4,550,000	
17 - Kelley			(50,321)	
14 - Keosauqua		(77,668)		
14 - Keota		(76,196)		
16 - Keswick		(63,327)		
18 - Kiron		305,000		
17 - Lacina Meadows HOA			(74,540)	
18 - Lake Panarama Association			4,750,000	
18 - Lakota			855,000	
17 - Lyon & Sioux Rural Water Syst			137,000	
19 - Manchester		754,000	(103,969)	
18 - Marble Rock		574,000		

LOAN AGREEMENTS (excluding ARRA funding):	PRIOR YEARS	2018 PYMT 1	2019 PYMT 1	2020 PYMT 1
16 - Marshalltown			(506,469)	
19 - Mitchellville		562,000		
12/15 - Mount Ayr		4,100,000	(17,032)	
18 - Newton Water Works			784,000	
19 - Ottumwa Water Works			6,500,000	
17 - Pierson			(62,743)	
19 - Pleasantville		417,000		
19 - Pomeroy			1,769,000	
17 - Raymond		1,025,000	(66,447)	
16 - Ridgeway			(22,194)	
19 - Rockwell City			1,199,000	
12 - Ryan			(75,476)	
19 - Sanborn			8,502,000	
18 - Sergeant Bluff		1,242,000	5,614,000	
19 - Sigourney			650,000	
17 - Sioux City		6,507,000		
15 - Sioux Rapids			(7,486)	
16 - Spirit Lake			(1,344)	
13 - Stanwood			402,000	
19 - Sumner			1,511,000	
13 - Toledo			(285,662)	
13 - Tripoli		(127,946)		
20 - Wahpeton			478,000	
16 - West Des Moines			(332,356)	
15 - West Liberty			(35,251)	
19 - Woodland Ridge LOA			638,000	
- P&D Loans	18,927,734	(2,202,109)	(1,217,711)	
Total Loans	840,211,921	60,252,320	72,512,391	0
PROGRAM SET-ASIDES	56,942,610	6,262,653	5,430,270	
TOTAL COMMITMENTS	897,154,531	66,514,973	77,942,661	0
TOTAL CUMULATIVE COMMITMENTS	897,154,531	963,669,504	1,041,612,165	1,041,612,165
120% COMMITMENT REQUIRED	342,263,400	363,379,800	384,298,200	384,298,200
SHORTFALL/(EXCESS)	(554,891,131)	(600,289,704)	(657,313,965)	(657,313,965)
% COMMITMENT ACHIEVED	314.54881	318.23547	325.25122	325.25122

DW Exhibit 10

	PROGRAM ADMINISTRATION								
	1997 - 2011	2012	2013	2014	2015	2016	2017	2018	2019
CAPITALIZATION GRANT SET-ASIDE	8,500,436.00	0.00	0.00	0.00	0.00	1,140,360.00	740,600.00	1,104,840.00	1,050,000.00
DISBURSEMENTS:									
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	357,542.37
IFA (<i>bond issuer / financial reporting</i>)	2,059,895.97					381,620.52	253,925.16	311,997.28	184,390.45
Wells Fargo Bank, N.A. (<i>trustee</i>)	546,884.72					68,718.70	80,033.90	83,810.03	42,751.88
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
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	
Total disbursed through June 30, 2019	8,500,436.00	-	-	-	-	1,140,360.00	740,600.00	1,104,840.00	587,684.70
Balance Available by Cap Grant Year:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	462,315.30

	TECHNICAL ASSISTANCE TO SMALL SYSTEMS								
	1997 - 2011	2012	2013	2014	2015	2016	2017	2018	2019
CAPITALIZATION GRANT SET-ASIDE	4,152,950.00	150,000.00	287,500.00	0.00	0.00	298,640.00	246,520.00	351,940.00	356,180.00
DISBURSEMENTS:									
DNR (<i>program administration / contractors</i>)	4,152,950.00	150,000.00	287,500.00			298,640.00	246,520.00	351,940.00	222,804.34
Total disbursed through June 30, 2019	4,152,950.00	150,000.00	287,500.00	-	-	298,640.00	246,520.00	351,940.00	222,804.34
Balance Available by Cap Grant Year:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	133,375.66

LOCAL ASSISTANCE AND OTHER AUTHORIZED ACTIVITIES									
	1997 - 2011	2012	2013	2014	2015	2016	2017	2018	2019
CAPITALIZATION GRANT SET-ASIDE	18,649,140.00	2,298,300.00	2,156,250.00	1,984,350.00	1,971,300.00	1,864,800.00	1,232,600.00	1,759,700.00	1,743,200.00
DISBURSEMENTS:									
DNR (<i>wellhead protection program</i>)	6,993,944.00	766,100.00		661,450.00	657,100.00	621,600.00			100,517.42
DNR (<i>viability/capacity development</i>)	11,050,310.00	1,532,200.00	956,250.00	1,322,900.00	1,314,200.00	1,243,200.00	1,232,600.00	1,175,540.57	
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						
Total disbursed through June 30, 2019	18,649,140.00	2,298,300.00	2,156,250.00	1,984,350.00	1,971,300.00	1,864,800.00	1,232,600.00	1,175,540.57	100,517.42
Balance Available by Cap Grant Year:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	584,159.43	1,642,682.58

STATE PROGRAM MANAGEMENT									
	1997 - 2011	2012	2013	2014	2015	2016	2017	2018	2019
CAPITALIZATION GRANT SET-ASIDE	8,496,566.65	615,000.00	2,007,500.00	0.00	0.00	1,243,200.00	1,232,600.00	3,046,173.00	2,280,890.00
DISBURSEMENTS:									
DNR (<i>program administration / contractors</i>)	8,496,566.65	615,000.00	2,007,500.00			1,243,200.00	1,232,600.00	2,847,060.00	4,813.99
PAI Training retained by EPA								199,113.00	83,390.00
Total disbursed through June 30, 2019	8,496,566.65	615,000.00	2,007,500.00	-	-	1,243,200.00	1,232,600.00	3,046,173.00	88,203.99
Balance Available by Cap Grant Year:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,192,686.01

ANNUAL FEDERAL SET-ASIDE DRAWS									
	1999 - 2012	2013	2014	2015	2016	2017	2018	2019	2020
Program Administration	8,321,630.37	178,805.63	-	-	-	503,455.31	866,507.52	1,078,402.85	1,125,119.02
Technical Assistance to Small Systems	3,402,815.80	301,039.49	301,578.40	395,984.94	153,564.51	150,378.43	266,832.23	340,189.45	397,971.09
Local Assistance & Other Authorized Activities	13,818,059.04	2,677,674.24	2,389,541.50	3,615,691.76	2,061,223.37	2,389,476.04	1,450,300.88	1,548,397.38	1,482,436.78
State Program Management	7,168,075.84	976,691.20	849,865.20	836,444.26	689,304.35	907,214.07	1,280,765.19	2,604,816.86	1,416,066.67