

**South Dakota Department of
Environment and Natural Resources**



Protecting South Dakota's Tomorrow ... Today

**BOARD OF WATER
AND NATURAL RESOURCES**

June 27, 2019

**Matthew Training Center
Joe Foss Building
523 E Capitol Ave
Pierre, SD**

Please access the Joe Foss Building at the Front Entrance on Capitol Ave

Live audio of the meeting and the full board packet can be found on the South Dakota Boards and Commissions Portal at <http://boardsandcommissions.sd.gov/Meetings.aspx?BoardID=108>

***AMENDED AGENDA**

****Scheduled times are estimates only. Some items may be delayed due to prior scheduled items or may be moved up on the agenda. ****

June 27, 2019

1:00 p.m. CT

1. Call meeting to order
2. Approve Agenda
3. Approve minutes of March 28-29, 2019 and May 16, 2019 meetings
4. Public Comment Period
5. Amend FFY 2019 Brownfields Revitalization and Economic Development Program - Kim McIntosh
6. Amendments to the FFY 2018 Drinking Water SRF Intended Use Plan - Andy Bruels
 - a. Kingbrook Rural Water System
 - b. Randall Community Water District
7. Amendments to State Water Plan, 2019 Clean Water SRF and 2019 Drinking Water SRF Intended Use Plans - Andy Bruels
 - a. Brookings
 - b. Green Valley Sanitary District
 - c. Hartford
 - d. Lincoln County Rural Water System, Inc
 - e. Pierpont
 - f. Sioux Falls
 - g. Viborg
 - h. Whitewood
 - i. Wonderland Homes Water and Service Co.
8. Sioux Falls Clean Water SRF Update - City of Sioux Falls Staff
9. Funding Applications Deferred from March 28- 29, 2019
 - a. Onida (10) Sanitary/Storm Sewer Facilities Funding Application – Mike Perkovich
 - b. Irene (9) Sanitary/Storm Sewer Facilities Funding Application – Mike Perkovich
 - c. Irene (83) Drinking Water Facilities Funding Application – Andy Bruels
 - d. Onida (24) Drinking Water Facilities Funding Application – Andy Bruels

Notice is given to individuals with disabilities that this meeting is being held in a physically accessible location. Please notify the Department of Environment and Natural Resources at least 48 hours before the meeting if you have a disability for which special arrangements must be made. The telephone number for making arrangements is (605) 773-4216.

10. Drinking Water Facilities Funding Applications – Andy Bruels
 - a. Kingbrook Rural Water System (88)
 - b. Randall Community Water District (88)
 - c. Black Hawk Water User District (36)
 - d. Box Elder (22)
11. Sanitary/Storm Sewer Facilities Funding Application - Mike Perkovich
 - a. Springfield (15)
12. Solid Waste Management Program Funding Application - Drew Huisken
 - a. Rapid City
- 12.1 Tripp County Water User District Request to Amend Intercreditor Agreement – Jon Peschong
13. DENR Water Quality Monitoring Access Portal Demonstration - Jesse Wilkens
14. Election of Board Officers - Mike Perkovich
15. September 26-27, 2019 meeting
16. Adjourn

The audio recording for this meeting is available on the South Dakota Boards and Commissions Portal at <http://boardsandcommissions.sd.gov/Meetings.aspx?BoardID=108>

Minutes of the
Board of Water and Natural Resources Meeting
Matthew Training Center
523 East Capitol
Pierre, South Dakota

March 28-29, 2019
10:30 a.m. CDT

CALL MEETING TO ORDER: The meeting was called to order by Chairman Brad Johnson. A quorum was present.

Chairman Johnson announced that the meeting was streaming live on SD.net, a service of South Dakota Public Broadcasting.

BOARD MEMBERS PRESENT: Brad Johnson, Gene Jones, Todd Bernhard, Paul Gnirk, and Kathryn Johnson.

BOARD MEMBERS ABSENT: Jerry Soholt and Jackie Lanning.

LEGISLATIVE OVERSIGHT COMMITTEE MEMBERS PRESENT: Senator John Wiik and Representative Mary Duvall.

OTHERS PRESENT: See attached attendance sheets.

APPROVE AGENDA: Mr. Perkovich announced that item 17.1, Dell Rapids Request to Amend Clean Water SRF Loan C461064-09 was removed from the agenda. Legal counsel advised staff before the meeting that this matter did not require board action.

Chairman Johnson approved the amended agenda.

APPROVE MINUTES OF JANUARY AND FEBRUARY 4, 2019, MEETINGS: Motion by Gnirk, seconded by Bernhard, to approve the minutes of the January 3 and February 4, 2019, Board of Water and Natural Resources meetings. Motion carried unanimously.

PUBLIC COMMENT PERIOD: There were no public comments.

Mr. Perkovich introduced new board member Kathryn Johnson from Hill City. Governor Dugaard appointed Ms. Johnson to fill the vacancy left by Paul Goldhammer's resignation.

Mr. Perkovich introduced Water and Waste Funding Program staff.

Chairman Johnson welcomed Senator Wiik and Representative Duvall, members of the Legislative Oversight Committee.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES STATE WATER RESOURCES MANAGEMENT SYSTEM GRANT AGREEMENT: Andy Bruels reported that pursuant to the Board of Water and Natural Resources' recommendation, the 2017 Legislature appropriated funds to the State Water Resources Management System component of the State Water Plan for Statewide Hydrology and Water Management Studies to manage and protect state water resources. In Section 1 of Senate Bill 70, the 2017 Legislature appropriated \$450,000 to the board for grants to state and local project sponsors of hydrology and water management studies. Approximately \$93,080 is available.

The Department of Environment and Natural Resources (DENR) Geological Survey Program submitted a request for a \$90,149.50 grant to help fund replacement of the well pumps for the Statewide Ground Water Quality Monitoring Network. Of the grant total, \$54,870.75 will be utilized by DENR directly to replace pumps that are located outside the boundaries of the water development districts in the state and to purchase two pump controllers. The remaining \$35,278.75 will be prorated to each district based on the number of pumps within that particular district. In addition to the DENR contributions, the districts will be responsible for the following costs:

Central Plains WDD	\$5,334.00
East Dakota WDD	\$5,341.50
James River WDD	\$8,626.50
South Central WDD	\$2,571.75
Vermillion Basin WDD	\$5,058.00
TOTAL	\$26,931.75

The total project cost with DENR and water development district contributions is \$117,081.25.

The current well pumps in the monitoring network are beyond their useful life and experiencing mechanical issues that are beyond normal repair. Most pumps are in the range of 25 to 30 years old, and the lack of reliable operation makes it difficult to ensure samples are obtained as scheduled. The monitoring network provides a valuable resource for state and local entities when making decisions on current water quality conditions and trends in 25 of the state's vulnerable shallow aquifers.

The packet that the board members received prior to the meeting included a fact sheet explaining the project.

Tim Cowman, program administrator for the DENR Geological Survey Program, discussed pump replacement in the Statewide Ground Water Quality Monitoring Network. He provided maps showing the location of the pumps within the Statewide Ground Water Quality Monitoring Network and the status of the pumps within the network. The network monitors 25 shallow aquifers across the state. These aquifers are the most vulnerable to activities that occur on the surface.

Generally, there is one shallow monitoring well and one deep monitoring well at each of the sites because there are differences in water quality in the shallow versus the deeper part of the aquifer. Some sites only have one well because the aquifer is not thick enough to install a deeper well.

Each well in the network is sampled every other year, and each of the wells has a dedicated stainless steel pump capable of low-flow purging and sampling from water within the well screen interval ensures a representative sample. Common inorganics, nutrients, and 18 different pesticides are analyzed.

There are a total of 144 wells in the monitoring network. Each of the wells contains a pump. The network was started in the late 1980s and fully implemented in the early 1990s. Many of the pumps have failed or are failing due to their age and wear. There are 41 monitoring wells in 13 aquifers that need pump replacement. Twenty-three of the pumps are located within the boundaries of a water development district. The average cost for all 41 pumps that need to be replaced is \$2,740.32 per pump. In addition, two pump controllers will need to be purchased at a total cost of \$4,728.00. The total cost for replacement of the pumps and pump controllers is \$117,081.25.

Mr. Cowman requested that the board approve a State Water Resources Management System grant in the amount of \$90,149.50. The department has requested that the water development districts provide the remaining \$26,931.75 for the project.

Mr. Cowman answered questions from the board.

Mr. Bruels stated that the department recommended the board approve a resolution authorizing the Chairman to execute the State Water Resources Management System Grant Agreement with the Department of Environment and Natural Resources in the amount of \$90,149.50.

Motion by Gnirk, seconded by Jones, to adopt **Resolution No. 2019-20** approving the State Water Resources Management System Grant Agreement to the **Department of Environment and Natural Resources** not to exceed \$90,149.50 for hydrology and water management studies, and to authorize the Chairman to execute the grant agreement. Motion carried unanimously.

BIG SIOUX FLOOD CONTROL IMPLEMENTATION MODELING DEMONSTRATION:
Tim Cowman, SD Geological Survey, provided a demonstration on the Big Sioux Flood Implementation modeling.

AMENDMENTS TO STATE WATER PLAN, 2019 CLEAN WATER STATE REVOLVING FUND INTENDED USE PLAN, AND 2019 DRINKING WATER STATE REVOLVING FUND INTENDED USE PLAN

Amendments to State Water Plan

Andy Bruels reported that water projects which will require state funding or need state support for categorical grant or loan funding need to be on the State Water Plan. The Board of Water and Natural Resources annually approves projects for placement onto State Water Facilities Plan and provides for amendments of projects onto the plan on a quarterly basis. Placement of a project on the State Water Plan by the board provides no guarantee of funding. The projects placed onto the plan at this meeting will remain on the facilities plan through December 2020.

Projects seeking a Clean Water or Drinking Water State Revolving Fund loan must be included on the project priority list of the Intended Use Plan. The State Water Plan applications are used to determine which projects should be amended onto the State Revolving Fund Project Priority Lists.

Five State Water Plan applications were received by the February 1, 2019, deadline. Mr. Bruels identified the projects to be placed on the Clean Water SRF and Drinking Water SRF project priority lists as he presented the State Water Plan applications.

Black Hawk Water User District requested placement onto the facilities plan to install two water main crossings under Interstate 90, replace water main along Elm Street, install new main along Sturgis Road, construct a new storage tank, and drill a new well. The estimated total project cost is \$8,494,000. The project will be placed on the Drinking Water SRF IUP with 36 priority points and an estimated loan amount of \$8,494,000 at 2.75 percent interest for 30 years.

Elk Point requested placement onto the facilities plan to replace sanitary sewer collection and water main distribution pipes on Washington Street that are beyond their useful life. The estimated total project cost is \$128,000. The project will be placed on the Drinking Water SRF IUP with 10 priority points and an estimated loan of \$66,600 at 2.75 percent interest for 30 years and the Clean Water SRF IUP with 9 priority points and an estimated loan amount of \$60,660 at 2.75 percent interest for 30 years.

Springfield requested amendment onto the facilities plan to install storm sewer on 11th and 14th streets. The estimated total project cost is \$1,456,000. The project will be placed on the Clean Water SRF IUP with 7 priority points and an estimated loan amount of \$1,456,000 at 2.75 percent interest for 30 years.

Tabor requested amendment onto the facilities plan to replace a large amount of the sanitary sewer collection pipes throughout the community and rehabilitate a lift station. The estimated total project cost is \$4,069,371. The project will be placed on the Clean Water SRF IUP with 9 priority points and an estimated loan amount of \$4,069,371 at 2.75 percent interest for 30 years.

Willow Lake requested amendment onto the facilities plan to replace existing water meters with new meters and to replace non-operable valves and hydrants throughout the distribution system. The estimated total project cost is \$150,000. The project will be placed on the Drinking Water SRF IUP with 88 priority points and an estimated loan amount of \$150,000 at 1.25 percent interest for 10 years.

Staff recommended amending all five projects onto the State Water Facilities Plan.

Motion by Jones, seconded by Bernhard, to amend the five projects onto the State Water Facilities Plan. Motion carried unanimously.

Amendments to 2019 Clean Water SRF IUP

Staff recommended adding the Elk Point, Tabor, and Springfield projects to the Clean Water SRF IUP.

Motion by Bernhard, seconded by Jones, to accept the staff recommendation regarding amendments to the Clean Water SRF IUP. Motion carried unanimously.

Amendments to 2019 Drinking Water SRF IUP

Mr. Bruels stated that in addition to the drinking water projects that were placed on the 2019 State Water Plan there was one additional project to be placed onto the Drinking Water SRF IUP.

Onida received two previous Drinking Water SRF loans and a Consolidated grant for the first two phases of its water system improvement projects. Onida is currently on the State Water Plan due to ongoing open projects, however; the city was not included on the Drinking SRF IUP.

The city submitted a new funding application for the next phase of the water system improvements, which will be presented to the board later in the meeting. The estimated total project cost is \$2,000,000. The project will be placed on the Drinking Water SRF IUP with 24 priority points and an estimated loan amount of \$2,000,000 at 2.75 percent interest for 30 years.

Staff recommended adding the Willow Lake, Black Hawk Water User District, Onida, and Elk Point projects to the Drinking Water SRF IUP.

Motion by K. Johnson, seconded by Gnirk, to accept the staff recommendation regarding amendments to the 2019 Drinking Water SRF IUP. Motion carried unanimously.

AMENDMENTS TO THE 2018 CLEAN WATER SRF IUP: Mr. Bruels reported that the 2018 Clean Water SRF IUP was approved by the Board of Water and Natural Resources in November 2017 and amended in March, June, and September 2018.

For a project to utilize principal forgiveness allowed by a specific capitalization grant, it must be on the IUP associated with that capitalization grant. In order to maximize the use of each year's capitalization grant, it is necessary to amend projects to prior years' IUPs.

Staff recommended the board amend Attachment I - Project Priority List of the 2018 Clean Water IUP by adding the following entries:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
12	Claremont	\$1,832,000	2.75%, 30 years
9	Irene	\$3,437,000	2.75%, 30 years

Motion by Jones, seconded by K. Johnson, to accept the staff recommendation regarding amendments to the 2018 Clean Water SRF IUP. Motion carried unanimously.

AMENDMENTS TO THE 2018 DRINKING WATER SRF IUP: Mr. Bruels reported that the 2018 Drinking Water SRF IUP was approved by the Board of Water and Natural Resources in November 2017 and amended in March, June, and September 2018.

For a project to utilize principal forgiveness allowed by a specific capitalization grant it must be on the IUP associated with that capitalization grant. In order to maximize the use of each year's capitalization grant, it is necessary to amend projects to prior years' IUP.

Staff recommended the board amend Attachment I - Project Priority List of the 2018 Drinking Water IUP by adding the following entries:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
83	Irene	\$1,566,000	2.25%, 30 years
24	Elkton	\$2,000,000	2.75%, 30 years

Motion by Gnirk, seconded by Bernhard, to accept the staff recommendation regarding amendments to the 2018 Drinking Water SRF IUP. Motion carried unanimously.

FUNDING APPLICATIONS DEFERRED FROM JANUARY 3, 2019: At the January meeting, two funding applications from the city of Miller were presented to the board. The board deferred the applications until the March board meeting.

Miller requested funding for the third phase of project to replace sanitary and storm sewer lines. This phase will consist of replacing approximately 13,000 feet of 8-inch sewer main and 4,700 feet of storm sewer of varying sizes. The project will be undertaken in conjunction with a drinking water project.

The city anticipates bidding the project in the summer of 2019 with project completion in late 2020.

The estimated total project amount is \$5,239,000, and the amount requested is \$5,239,000.

Upon completion of the second phase of the project, rates are expected to be about \$51.00 per month based on 5,000 gallons usage.

Mr. Perkovich stated that one of the reasons the two funding applications were deferred was that Miller was seeking grant funding from USDA Rural Development, and at that time, it was unknown whether or not any funding would be awarded to the city. The department was notified that Rural Development would provide an \$800,000 grant provided that Miller contribute \$200,000 of local cash towards the project. The city has agreed to that arrangement.

Staff recommended awarding a \$1,900,000 Clean Water SRF loan at 2.50 percent interest for 30 years, award a Consolidated grant for 38.2 percent of eligible costs not to exceed \$2,000,000, and award a Water Quality grant for 6.5 percent of eligible costs not to exceed \$339,000. Mr. Perkovich noted that because the application was received prior to October 1, 2018, the older, lower interest rates apply.

The city has pledged a project surcharge for repayment of the loan. Staff analysis showed that a surcharge of \$10.85 is required to provide the required 110 percent coverage on the loan. This

would bring rates to \$61.85. Staff analysis indicates rates could be restructured and overall rates reduced by approximately \$2.10.

Staff recommended the award being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Staff also recommended awarding the Consolidated grant with the special condition that funds will be drawn concurrently with the Clean Water State Revolving Fund loan awarded for this project.

Terry Aaker, SPN, and discussed the project and answered questions from the board.

Motion by Gnirk, seconded by Jones, to adopt **Resolution No. 2019-21** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$1,900,000 at 2.5 percent interest for 30 years to the **city of Miller** for the Sanitary and Storm Sewer Phase III project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage; and to adopt **Resolution No. 2019-22** approving the South Dakota Consolidated Water Facilities Construction Program grant agreement between the Board of Water and Natural Resources and the **city of Miller** for up to 38.2 percent of approved total project costs not to exceed \$2,000,000 for the Sanitary and Storm Sewer Phase III project with the special condition that grant funds will be drawn concurrently with the Clean Water State Revolving Fund loan awarded for this project, and to adopt **Resolution No. 2019-23** approving the State Revolving Fund Program Water Quality grant agreement to the **city of Miller** for the Sanitary and Storm Sewer Phase III project for up to 6.5 percent of approved total project costs not to exceed \$339,000. Motion carried unanimously.

Miller requested funding to replace existing water infrastructure in the city. This is third phase of a multi-year project. Phase III will replace approximately 11,000 feet of 6-inch water main, 900 feet of 8-inch water main, and 4,400 feet of 1-inch water service line as well as valves, hydrants and other necessary appurtenances. The project will be completed in conjunction with the sanitary sewer project.

The city anticipates bidding the project in the summer of 2019 with project completion in late 2020.

The estimated total project amount is \$2,500,000, and the amount requested is \$2,500,000.

Miller's water rates are \$55.00 per 5,000 gallons.

The funding application was deferred in January at the request of the city due to the uncertainty of USDA Rural Development funding levels and their potential involvement in the project.

Staff recommended awarding a \$2,000,000 Consolidated grant, a \$100,000 Drinking Water Construction grant, and a \$400,000 Drinking Water SRF loan at 2.25 percent interest for 30 years.

Miller has pledged a project surcharge for repayment of the loan. Staff analysis shows the surcharge required on the loan is \$2.00, which will bring the overall rates in Miller to \$57.00. The total subsidy for the water project is \$2,100,000, which is equal to 84 percent of the project.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Staff also recommended awarding the Consolidated grant with the special condition that funds will be drawn concurrently with the Drinking Water State Revolving Fund loan awarded for this project.

Mr. Aaker answered questions from the board.

Motion by Bernhard, seconded by Gnirk, to adopt **Resolution No. 2019-24** approving a Drinking Water State Revolving Fund loan up to a maximum committed amount of \$400,000 at 2.25 percent interest for 30 years to the **city of Miller** for the Water Distribution Phase III project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage; to adopt **Resolution No. 2019-25** approving the South Dakota Consolidated Water Facilities Construction Program grant agreement between the Board of Water and Natural Resources and the **city of Miller** for up to 80 percent of approved total project costs not to exceed \$2,000,000 for the Water Distribution Phase III project with the special condition that grant funds will be drawn concurrently with the Drinking Water State Revolving Fund loan awarded for this project, and to adopt **Resolution No. 2019-26** approving the State Revolving Fund Drinking Water grant agreement to the **city of Miller** for the Water Distribution Phase III project for up to 4 percent of approved total project costs not to exceed \$100,000. Motion carried unanimously.

AVAILABLE FUNDING: Mr. Bruels reviewed available funds for the Consolidated Water Facilities Construction Program, Drinking Water SRF Water Construction Grants, Drinking Water SRF Principal Forgiveness, Drinking Water SRF Loans, Clean Water SRF Water Quality Grants, Clean Water SRF Principal Forgiveness, and Clean Water SRF loans.

DRINKING WATER FACILITIES FUNDING APPLICATIONS: Mr. Bruels presented the applications and the staff recommendations for funding. A map showing the location of the applications was included in the board packet.

Irene requested funding to construct Phase II of its water and wastewater utility project north of Main Street. The utilities in this area are in poor condition, largely made of cast iron pipe, and will be replaced with PVC. Phase II will replace 7,200 feet of water main, hydrants, valves, and other necessary appurtenances. The project will be completed in conjunction with a sanitary sewer project.

Irene anticipates bidding the project in the summer of 2019 with project completion in September 2020.

The estimated total project amount is \$1,566,000, and the amount requested is \$1,566,000.

Rates in Irene are \$52.64 per 5,000 gallons.

Irene intends to apply for Community Development Block Grant (CDBG) funding in April 2019. The funding for that application will not be known until June. In the past, if a project has been fully funded by the Board of Water and Natural Resources, even if the applicant has higher rates, CDBG may decide to decline to award funding. Any CDBG funds awarded will help to keep rates in Irene lower and potentially allow some of the board's funds to remain available for other projects.

Staff recommended deferring the application until the June 2019 Board of Water and Natural Resources meeting. By rule, the board is allowed to defer action on funding applications up to 120 days from the original presentation to the board, so a decision for funding in June will be necessary.

Gabe Laber, DGR Engineering, answered questions from the board.

Roscoe requested funding to replace asbestos cement pipe and looping dead end lines in the distribution system with 14,200 feet of PVC pipe and to install remote read meters at all customer locations. Other project components include updates to the interior piping of the well house and repairs to the existing water towers. The project will be completed in conjunction with a sanitary sewer project.

Roscoe anticipates bidding the project in January 2020 with project completion in September 2020.

The estimated total project amount is \$2,261,790, and the amount requested is \$2,261,790.

Rates in Roscoe are \$32.00 per 5,000 gallons.

Staff Recommended awarding a \$1,317,000 Consolidated grant, a \$300,000 Drinking Water grant, and a \$644,000 Drinking Water SRF loan at 2.50 percent interest for 30 years.

Roscoe has pledged a project surcharge for repayment of the loan. Staff analysis indicates that the surcharge required on the loan is \$15.75, which will require overall rates in Roscoe of \$48.00 to cover operating expenses and debt service. The total subsidy for the water project is \$1,617,000, which is equal to 71.5 percent.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Staff also recommended awarding the Consolidated grant with the special condition that grant funds will be drawn concurrently with the Drinking Water State Revolving Fund loan awarded for this project.

Leland Treichel, mayor, and Leif Redinger, Helms & Associates, discussed the project and answered questions from the board.

Elkton requested funding to replace approximately 7,800 feet of water mains, 10 hydrants, and other appurtenances. The project also includes resurfacing the interior and exterior of the water tower. This is phase I of a possible three-phase project. The project will be completed in conjunction with a sanitary sewer project.

Elkton anticipates bidding the project in the summer of 2019 with project completion in the fall of 2020.

The estimated total project amount is \$2,000,000, and the amount requested is \$2,000,000.

Rates in Elkton are \$34.95 per 5,000 gallons.

Staff recommended awarding a \$2,000,000 Drinking Water SRF loan at 2.75 percent interest for 30 years with 58.2 percent as principal forgiveness not to exceed \$1,164,000.

The city has pledged a project surcharge for repayment of the loan. Staff analysis indicates that the surcharge required on the net loan of \$836,000 is \$11.30; however, staff believes the city could restructure its rates to establish the surcharge with rates of \$45.00 for 5,000 gallons usage.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Susan Shuurman, finance officer, Steve Jenson, public works director, and Jeff McCormick, SPN, discussed the project and answered questions from the board.

Onida requested funding to replace asbestos cement water lines with 9,100 feet of PVC water lines, hydrants, valves, and other appurtenances. The project will be completed in conjunction with a sanitary sewer project.

Onida anticipates bidding the project in January 2020 with project completion in July 2021.

The estimated total project amount is \$2,000,000, and the amount requested is \$2,000,000.

Rates in Onida are \$45.70 per 5,000 gallons.

The city has applied for USDA Rural Development funding, and staff has had discussions with USDA to discuss funding options to minimize the rate increase needed to fund the project. USDA, based on decision timeframes and uncertainty of any official award, has not made an announcement on whether Onida will receive funds or the amount and type of funds that may be awarded.

Staff recommended deferring the application until the June 2019 Board of Water and Natural Resources meeting. Staff made this recommendation in the hopes that USDA funding will be announced prior to the June meeting and a final funding recommendation can be presented to the board at that time.

By rule, the board is allowed to defer action on funding applications up to 120 days from the original presentation to the board, so a decision for funding in June will be necessary.

Groton requested funding to replace the water tower with a new 125,000-gallon tower and pump house. The project also includes replacing several blocks of asbestos cement water main with PVC and looping several dead-end lines.

Groton anticipates bidding the project in March 2020 with project completion in November 2020.

The estimated total project amount is \$2,078,000, and the amount requested is \$1,798,000 remaining \$280,000 in local cash

Rates in Groton are \$41.93 per 5,000 gallons.

Staff recommended awarding a \$1,798,000 Drinking Water SRF loan at 2.75 percent interest for 30 years.

The city has pledged a project surcharge for repayment of the loan. Staff analysis indicates the surcharge required on the loan is \$11.50; however, staff believes the city can restructure its rates to establish the surcharge with rates of \$45.20 for 5,000 gallons usage.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Scott Hanlon, mayor, and Ken Hier, Clark Engineering, answered questions from the board.

Avon requested funding to reconstruct Main Street from Railway Street to 2nd Avenue. The road surface is in poor condition and showing signs of severe distress. Water main and other utilities will be replaced in conjunction with the road reconstruction. The project will replace 2,700 feet water main and will also include hydrants, valves, and other necessary appurtenances. The project will be completed in conjunction with a sanitary sewer project.

Avon anticipates bidding the project in the summer of 2019 with project completion in November 2019.

The estimated total project amount is \$1,425,226, and the amount requested is \$174,000. Other funds include a \$600,000 DOT Community Access grant, \$513,226 from the USDA Rural Development Community Facilities Program, and a \$138,000 Clean Water SRF loan.

Rates in Avon are \$41.72 per 5,000 gallons.

Staff recommended awarding a \$174,000 Drinking Water SRF loan at 2.50 percent interest for 20 years.

The city has pledged a project surcharge for repayment of the loan. Staff analysis indicates that a surcharge of \$3.30 is required to repay the loan, bringing overall rates to \$45.02.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Keith Gill, mayor, and Chancey Shrake, Brosz Engineering, discussed the project and answered questions from the board.

Montrose requested funding to construct a 75,000-gallon ground storage standpipe. The city's existing water storage standpipe is experiencing severe corrosion and has a collapsed roof.

The city anticipates bidding the project in January 2020 with project completion in August 2020.

The estimated total project amount is \$338,500, and the amount requested is \$187,000. The remaining \$151,500 will be funded by a CDBG award.

Rates in Montrose are \$46.00 per 5,000 gallons.

Staff recommended awarding a \$187,000 Drinking Water SRF loan at 2.25 percent interest for 30 years.

Montrose has pledged a project surcharge for repayment of the loan. Staff analysis indicated that the surcharge required on the loan is \$3.45; however, staff believes the city can restructure its rates to keep rates at \$46.00.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Gabe Laber, DGR Engineering, answered questions from the board.

This concluded presentation of the Drinking Water Facilities funding applications. The board made funding decisions the following day.

SANITARY/STORM SEWER FACILITIES FUNDING APPLICATIONS: Mike Perkovich presented the Sanitary/Storm Sewer Facilities funding applications and the staff recommendations. A map showing the location of the applications was included in the board packet.

Sioux Falls requested funding to replace the Brandon Road pump station with a new lift station that is being referred to as the Main Pump Station. The project also involves extending two 42-inch force mains leaving the new lift station and three gravity sewers entering the new lift station. Relocation and extensions of existing utilities such as, water, electrical, gas, fiber communications, and storm drainage will be part of the project.

The request also includes a nonpoint source component to make improvements within the Big Sioux River Basin. The nonpoint improvements include stream bank stabilization, grazing management, agricultural waste management, and vegetative buffers.

Sioux Falls anticipates bidding the project in the spring of 2019 with project completion in May 2021.

The estimated total project cost is \$26,808,877, and the amount requested is \$26,808,877; \$2,408,877 for nonpoint source activities and \$24,400,000 for the Main Pump Station project.

Rates in Sioux Falls are \$34.47 per 5,000 gallons usage.

Staff recommended awarding a \$26,808,800 Clean Water SRF loan at the non-point source incentive rate of 1.50 percent interest for 20 years, which will consist of two bond series – one in the amount of \$24,400,000 for the pump station replacement and one in the amount of \$2,408,800 for the non-point source component.

The city has pledged system revenues for repayment of the loan. Sioux Falls has adopted rates for several years in advance. Rates for 2021 will be \$38.35 per 5,000 gallons. Based on projected wastewater revenue and expenses, this rate is expected to provide 190 percent debt coverage when the loan goes into repayment in 2021.

Staff recommended the loan being contingent upon the borrower adopting two bond ordinances and the ordinances becoming effective.

Staff also recommended a special condition that the borrower may not draw funds from the proceeds of the Series NPS-A borrower bond until EPA approves the revised budget for the Big Sioux Watershed Implementation Project.

Claremont requested funding to replace most of the wastewater collection system throughout the town with 8,500 feet of PVC pipe, rehabilitate existing lift stations by installing new pumps and making wet well repairs, and replacing the clay liners in the treatment ponds with synthetic liners.

Claremont anticipates bidding the project in the summer of 2019 with project completion by the end of the 2019 construction season.

The estimated total project cost is \$1,832,000, and the amount requested is \$1,832,000.

Claremont has a \$23.00 flat rate.

Staff recommended awarding a \$1,832,000 Clean Water SRF loan at 2.75 percent interest for 30 years with 75.8 percent as principal forgiveness not to exceed \$1,387,000.

Claremont has pledged a project surcharge for repayment of the loan. A surcharge of \$32.85 is needed to provide the required 110 percent coverage on the loan. Staff analysis indicates that by restructuring the current rates, overall rates will need to be \$47 per user per month to provide the required debt coverage and cover operating expenses.

Staff recommended the award being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Jason Spencer, trustee, and Leif Redinger, Helms & Associates, answered questions from the board.

Belle Fourche requested funding to demolish the existing Day Street lift station and construct a new submersible style lift station in the same location. The lift station is beyond its useful life, and the new lift station will increase pumping capacity and reduce the occurrence of sanitary sewer overflows.

Belle Fourche anticipates beginning construction in April 2019 with completion in November 2019.

The estimated total project cost is \$1,836,000; and the amount requested is \$1,836,000.

Rates in Belle Fourche are \$29.25 based on 5,000 gallons usage.

Staff recommended awarding a \$1,836,000 Clean Water SRF loan at 2.50 percent interest for 20 years.

The city has pledged system revenues for repayment of the loan. Staff analysis indicates that revenues will need to be increased by 10.8 percent to provide the required 110 percent coverage. If applied to the base rate, a rate increase of \$3.15 would provide the required coverage.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing rates at a level sufficient to provide the required debt coverage.

Elkton requested funding to replace 10,400 feet of sewer main, 4,200 feet of sewer service pipe, 7,600 feet of storm sewer, and 29 manholes. This project also includes street repairs and

televising much of the collection system to assess pipe conditions and priority of replacement. This is the first of three phases to rehabilitate the city's sanitary and storm sewer systems and will address approximately 50 percent of needed work.

Elkton anticipates bidding the project in January 2020 with project completion in November 2020.

The estimated total project cost is \$4,000,000, and the amount requested is \$4,000,000.

Rates in Elkton are \$29.25 based on 5,000 gallons usage.

Staff recommended awarding a \$1,206,000 Clean Water SRF loan at 2.75 percent interest for 30 years, award a Consolidated grant for 50 percent of eligible costs not to exceed \$2,000,000, and award a Water Quality grant for 19.9 percent of eligible costs not to exceed \$794,000.

The city has pledged a project surcharge for repayment of the loan. A surcharge of \$16.30 is needed to provide the required 110 percent coverage on the loan. Staff analysis indicates that by restructuring the current rates, overall rates will need to be \$44.00 per user per month to provide the required debt coverage and cover operating expenses.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Staff also recommended a special condition to the Consolidated Grant and the Water Quality Grant that grant funds will be drawn concurrently with the Clean Water State Revolving Fund loan awarded for this project.

Steve Jensen, public works director, answered questions from the board.

Onida requested funding to replace approximately 17,400 feet of 8- and 12-inch sewer lines and 47 manholes and appurtenances. This is the second of two phases to replace the city's wastewater collection system.

Onida anticipates bidding the project in January 2020 with project completion in July 2021.

The estimated total project cost is \$5,700,000, and the amount requested is \$5,700,000.

Onida has a \$44.90 flat rate.

Onida is also seeking grant funding from USDA Rural Development. An announcement regarding Onida receiving funding from this source has not yet been made.

Staff recommended deferring the application until the June meeting.

Jeff McCormick, SPN, answered questions from the board.

Irene requested funding for Phase II of a project to replace the wastewater collection system and install storm sewer. The project will address deficiencies in the sanitary and storm sewer systems north of Main Street (Highway 46). The collection system in this area is in poor condition and experiences excessive inflow and infiltration.

Irene anticipates bidding the project in the summer of 2019 with project completion in September 2020.

The estimated total project cost is \$3,776,534, and the amount requested is \$3,437,000. The city has secured a \$339,500 DOT Community Access Grant for the remainder of the funding.

Irene's rates are \$45.06 based on 5,000 gallons usage.

Irene is also seeking a \$750,000 Community Development Block Grant; however, a decision will not be made until June.

Staff recommended deferring the application until the June meeting.

Roscoe requested funding to address deficiencies with its wastewater utility. The city is proposing to rehabilitate the entire collection system by a combination of lining existing lines using cured in place pipe or replacing lines by open trench method. This will involve 23,000 feet of sanitary sewer lines. Improvements will also be made at the wastewater treatment facility by upgrading the access road, removing sludge, and resetting the depth gauges.

The city anticipates bidding the project in January 2020 with project completion in September 2020.

The estimated total project cost is \$3,530,019, and the amount requested is \$3,530,019.

Roscoe has a \$21.00 flat rate. The application shows the wastewater utility is expected to have a cash balance of approximately \$500,000 at the end of this year.

Staff recommended awarding a \$1,600,000 Clean Water SRF loan at 2.75 percent interest for 30 years and awarding a Consolidated grant for 44 percent of eligible costs, based on a total project cost of \$3,530,000, not to exceed \$1,550,000. The staff recommendation will require the city of Roscoe to use approximately \$380,000 of its cash reserves. The city was notified that this would be part of the staff recommendation, and the city is agreeable to using its reserves.

The city has pledged a project surcharge for repayment of the loan. A surcharge of \$45.50 is needed to provide the required 110 percent coverage on the loan. Staff analysis indicates that by restructuring the current rates, a flat rate of \$50 per user per month will provide the required debt coverage and cover operating expenses.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Staff also recommended a special condition to the Consolidated Grant that grant funds will be drawn concurrently with the Clean Water State Revolving Fund loan awarded for this project.

Leland Treichel, mayor, and Leif Redinger, Helms & Associates, discussed the project and answered questions from the board.

Avon requested funding to reconstruct Main Street from Railway Street to 2nd Avenue. The road surface is in poor condition, and the underground utilities will be replaced in conjunction with the road reconstruction.

The city anticipates bidding the project in the summer of 2019 with project completion in November 2019.

The estimated total project cost is \$1,425,226, and the amount requested is \$138,000. Other funding for the project includes a \$600,000 DOT Community Access grant, \$531,226 from the USDA Rural Development Communities Facilities Program, and a \$174,000 Drinking Water SRF loan.

Rates in Avon are \$13.39 per 5,000 gallons usage.

Staff recommended awarding a \$138,000 Clean Water SRF loan at 2.5 percent interest for 20 years.

The city is pledging a project surcharge for repayment of the loan. A surcharge of \$2.70 is required to meet the 110 percent coverage requirement, which would bring the overall rate to \$16.09.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Keith Gill, mayor, and Chancy Shrake, Brosz Engineering, discussed the project and answered questions from the board.

Bridgewater requested funding to correct deficiencies to its storm water system. Deficiencies include undersized piping and inlets, storm sewers located under homes, undersized trunk lines, and areas of ponding and street deterioration.

Bridgewater anticipates bidding the project in March 2020 with project completion in October 2020.

The estimated total project cost is \$2,783,000, and the amount requested is \$1,760,000. The city has secured a \$258,000 DOT Community Access Grant and a \$765,000 Community Development Block Grant for this project.

Rates in Bridgewater are \$32.75 based on 5,000 gallons usage.

Staff recommended awarding a \$1,760,000 Clean Water SRF loan at 2.75 percent interest for 30 years with 14.8 percent as principal forgiveness not to exceed \$260,000.

The city has pledged a project surcharge on its wastewater utility for repayment of the loan. A surcharge of \$24.45 is needed to provide the required 110 percent coverage on the loan. Staff analysis indicates that by restructuring the current rates, overall rates of approximately \$50.00 per user per month will provide the required debt coverage and cover operating expenses.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Staff suggested that Bridgewater look at implementing a storm water fee to pay for future storm water projects. DENR offered to engage the Midwest Assistance Program to assist the city with this undertaking.

Michael Damm, mayor, and Gabe Laber, DGR, answered questions from the board.

This concluded presentation of the Sanitary/Storm Sewer Facilities funding applications. The board made funding decisions the following day.

SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATION: Drew Huisken discussed available funds for this funding round.

Mr. Huisken presented the Solid Waste Management Program funding application and the staff recommendation for funding. A map showing the location of the project was included in the board packet.

Brown County requested funding to purchase a new compactor at its landfill facility. The proposed equipment will replace a 2012 compactor that has over 10,000 hours of use. Brown County intends to purchase a Bomag 772 landfill compactor or equivalent.

The estimated total project cost is \$695,000, and the amount requested is \$347,500.

Brown County anticipates purchasing the compactor in April 2019.

Staff recommended awarding a Solid Waste Management Program grant at 20 percent of the total project cost not to exceed \$139,000.

Mr. Huisken noted that grant awards have historically been 15 to 25 percent of total project costs for equipment purchase projects. Brown County confirmed in a phone call that they are not interested in Solid Waste Management Program loan and will use local cash to fund the remainder of the project.

Mike Scott, landfill manager, and Leif Redinger Helms & Associates, discussed the project and answered questions from the board.

South Dakota Department of Environment and Natural Resources requested funding to continue its efforts to assist with the statewide cleanup of waste tires and other solid waste. The proposed funding will be used to provide sub-grants to local landfills, counties, and school districts for waste disposal and recycling.

The total project cost is \$600,000, and the amount requested is \$600,000.

This application represents a continuation of past department efforts that began in 1999. The most recent iteration of this helped eliminate 4,250 tons of waste tires since 2016 as well assist with the safe handling and disposal of chemicals at a dozen school buildings in South Dakota. In 2017, Senate Bill 70 appropriated \$250,000 of funding, which does not require local match. The remaining funding will require a 20 percent cost share from the sponsor of the cleanup.

Cleanups will be scheduled on a rotation around the state or as the demand presents itself until funding is fully spent. The first round of tire cleanups will take place in the spring and summer of 2019. This grant is anticipated to last three years.

Staff recommended awarding a Solid Waste Management Program grant at 100 percent of the total project cost not to exceed \$250,000, and awarding a separate Solid Waste Management Program grant at 80 percent of the total project cost not to exceed \$350,000.

Mr. Huisken answered questions from the board.

The board made funding decisions the following day.

EDGEMONT REQUEST TO AMEND DRINKING WATER SRF LOAN C462216-02: Mr. Huisken reported that on June 22, 2017, the city of Edgemont received a \$447,000 Drinking Water SRF loan at 0 percent interest for 30 years with 35.2 percent principal forgiveness not to exceed \$157,000 to construct an additional well and to cap a well that could not be rehabilitated for the drinking water supply.

In September 2017, the low bid received for this project exceeded both the engineer's estimate and the available funding.

On February 8, 2019, the department received a request from the city of Edgemont to increase the loan by \$253,000 for a total loan amount of \$700,000.

Staff recommended rescinding Resolution 2017-79, which awarded the \$447,000 Drinking Water SRF loan and award a new Drinking Water SRF loan for \$700,000 at 0 percent interest for 30 years with 35.2 percent principal forgiveness not to exceed \$246,000.

A surcharge of \$3.50 is needed to provide the required 110 percent coverage on the net loan of \$454,000. Current rates for Edgemont residents are \$59.30 per month for 5,000 gallons usage. Included in this rate is a \$10.00 repair and replacement fee. If Edgemont uses \$3.50 of this fee to cover the surcharge, \$6.50 will still be available to put in the repair and replacement fund, which will generate nearly \$31,300 per year.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Jerry Dibble, mayor, discussed the project and answered questions from the board.

Motion by K. Johnson, seconded by Jones, to adopt **Resolution No. 2019-27** rescinding Resolution No. 2017-79 and approving a Drinking Water State Revolving Fund loan up to a maximum committed amount of \$700,000 with 35.2 percent principal forgiveness not to exceed \$246,000 to the **city of Edgemont** to develop a new water well and abandon an existing well; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried unanimously.

MILLER REQUEST TO AMEND CLEAN WATER SRF WATER QUALITY GRANT 2017G-WQ-100: Mr. Huisken stated that on March 31, 2016, the City of Miller received a \$1,000,000 Clean Water SRF Water Quality Grant for 22.1 percent of total eligible costs to make improvements to the sanitary sewer system associated with the Phase I Utilities Improvements project.

The project is nearing completion, and it is anticipated there will not be enough costs associated with improvements to the sanitary sewer utilities to fully draw down the Water Quality Grant.

On December 10, 2018, the department received a request from the city of Miller to increase the grant percentage from 22.1 percent to 28.5 percent of total eligible costs in order to utilize all of the remaining grant funding.

Staff recommended approval of the First Amendment to Clean Water SRF Water Quality Grant 2017G-WQ-100, increasing the grant percentage to 28.5 percent of total eligible costs.

Motion by Jones, seconded by Bernhard, to adopt **Resolution No. 2019-28** approving the First Amendment to the SRF Program Water Quality Grant agreement 2017G-WQ-100 with the **city of Miller** increasing the grant percentage to 28.5 percent of total eligible project costs. Motion carried unanimously.

PIERRE REQUEST TO AMEND DRINKING WATER SRF LOAN C461288-03: Dave Ruhnke reported that in January 2019, the board awarded the city of Pierre a \$36,850,000 Drinking Water SRF loan for the construction of a raw water intake in the Missouri River, a raw water pump station with a transmission line to the treatment plant, an 8.8-million gallon-per-day ultrafiltration water treatment facility, and a transmission line to connect the new treatment facility to the city distribution system. The city pledged water system revenues for repayment of the loan.

On February 25, 2019, the department received a letter from Pierre requesting that the revenue pledge be amended to a pledge of a project surcharge as its bond counsel had informed them that the debt would exceed the city's constitutional debt limit. The city's bond counsel recommended that the city pledge a project surcharge for repayment of the loan.

Staff recommended the board rescind the resolution that approved the loan with a pledge of water system revenues, and that the board adopt a new resolution approving the loan in the amount of \$36,850,000 at 2.5 percent interest for 30 years contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage.

Motion by Bernhard, seconded by Gnirk, to adopt **Resolution No. 2019-29** rescinding Resolution No. 2019-01 and approving a Drinking Water State Revolving Fund loan up to a maximum committed amount of \$36,850,000 at 2.5 percent interest for 30 years to the **city of Pierre** for the construction of a raw water intake in the Missouri River, a raw water pump station with a transmission line to the treatment plant, an 8.8-million gallon-per-day ultrafiltration water treatment facility, and a transmission line to connect the new treatment facility to the city distribution system; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried unanimously.

MITCHELL REQUEST TO AMEND CLEAN WATER SRF LOAN C461129-05 AND DRINKING WATER SRF LOAN C462129-03: Mr. Huisken reported that on September 27, 2018, the city of Mitchell received a \$6,842,000 Clean Water SRF loan at 1.25 percent interest for 20 years and an \$821,000 Drinking Water SRF loan at 2.25 percent interest for 20 years for improvements to the utilities along North Sanborn Boulevard. The city also received a \$682,000 Clean Water SRF loan at 1.25 percent interest for 20 years for a nonpoint source project along and adjacent to Firesteel Creek.

In January 2019, bids were opened for the Sanborn Boulevard Utilities project, and the low bid received for this project exceeded both the engineer's estimate and the available funding.

On February 20, 2019, the department received a request from the city of Mitchell to increase the amount of the Clean Water SRF loan to \$7,832,000, increase the amount of the Clean Water SRF nonpoint source loan to \$780,750, and increase the amount of Drinking Water SRF loan to \$1,028,000.

Staff recommended rescinding Resolution No. 2018-62, which awarded the \$6,842,000 Clean Water SRF loan and \$682,000 Clean Water SRF NPS loan, and award a \$7,832,000 Clean Water SRF loan at 1.25 interest for 20 years for the base project and a \$780,750 Clean Water SRF loan at 1.25 percent for 20 years for the nonpoint project contingent upon the borrower adopting two bond resolutions and the resolutions becoming effective and contingent upon the borrower

establishing a surcharge sufficient to provide the required debt coverage, with the special condition that the borrower may not draw funds from the proceeds of the Series NPS Borrower Bond until EPA approves the budget for the Project Implementation Plan.

The Clean Water SRF loan will require a surcharge of \$8.05 per month. The city had already established a surcharge of \$7.05 for the original loan awarded in September. This loan will require a \$1.00 increase in the established surcharge. The current sewer rate is \$35.52 per 5,000 gallons per month, which includes the original \$7.05 surcharge. The proposed surcharge will raise rates to \$36.52 per 5,000 gallons per month.

Motion by Jones, seconded by K. Johnson to adopt **Resolution No. 2019-30** rescinding Resolution No. 2018-62 and approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$8,612,750 at 1.25 percent interest for 20 years with a Series A Borrower Bond in the amount of \$7,832,000 and a Series NPS Borrower Bond in the amount of \$780,750 to the **city of Mitchell** for the North Sanborn Boulevard storm water and sanitary sewer improvements project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting two bond resolutions and the resolutions becoming effective, contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage, and the special condition that the borrower may not draw funds from the proceeds of the Series NPS Borrower Bond until EPA approves the budget for the Fire Steel Creek Project Implementation Plan. Motion carried unanimously.

Staff also recommended rescinding Resolution No. 2018-63, which awarded the \$821,000 Drinking Water SRF loan, and awarding a \$1,028,000 Drinking Water SRF loan at 2.25 percent interest for 20 years contingent upon the borrower adopting a bond resolution and the resolution becoming effective.

Staff analysis indicates the city will have over 400 percent debt coverage based on the current rate of \$31.13 per 5,000 gallons per month.

Motion by Bernhard, seconded by Gnirk, to adopt **Resolution No. 2019-31** rescinding Resolution No. 2018-63 and approving a Drinking Water State Revolving Fund loan up to a maximum committed amount of \$1,028,000 at 2.25 percent interest for 20 years to the **city of Mitchell** for the North Sanborn Boulevard water system improvements project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective. Motion carried unanimously.

Chairman Johnson called a recess until the following day.

MARCH 29, 2019 – 8:15 A.M. CENTRAL TIME

Chairman Johnson called the meeting to order. A quorum was present.

LEGISLATIVE UPDATE: Mr. Perkovich reported on the following 2019 legislative bills that were of interest to the board and the department:

HB 1075 – An Act to revise certain provisions regarding the authority of conservation district governing boards.

HB 1161 – An Act to revise certain provisions regarding the issuance of temporary permits for the use of public water.

HB 1239 – An Act to revise certain provisions regarding temporary permits for the use of public water.

HB 1240 – An Act to revise certain provisions regarding water permits.

HB 1254 – An Act to make appropriations from the water and environment fund and its revolving fund subfunds for various water and environmental purposes and to declare an emergency.

HB 1258 – An Act to create the clean air act settlement fund, to make an appropriation from the fund, and to declare an emergency.

SB 46 – An Act to repeal provisions regarding river basin natural resource districts.

SB 102 – An Act to make an appropriation for gas well cleanup in Harding County.

SB 183 – An Act to revise certain provisions regarding buffer strips.

Representative Mary Duvall discussed HB 1048 – An Act to authorize a public body to conduct certain deliberations in an executive or closed meeting.

FUNDING DECISIONS

Drinking Water Facilities

Mr. Bruels reviewed the applications and staff recommendations for funding.

Motion by Jones, seconded by Bernhard, to defer the funding application for Irene until the June 2019 board meeting. Motion carried unanimously.

Motion by Bernhard, seconded by K. Johnson, to adopt **Resolution No. 2019-32** approving the South Dakota Consolidated Water Facilities Construction Program grant agreement to the **city of Roscoe** for up to 58.3 percent of approved total project costs not to exceed \$1,317,000 for a drinking water improvements project with the special condition that grant funds will be drawn

concurrently with the Drinking Water State Revolving Fund loan awarded for this project, to adopt **Resolution No. 2019-33** approving the State Revolving Fund Program Drinking Water grant agreement to the **city of Roscoe** for the drinking water improvements project for up to 13.3 percent of approved total project costs not to exceed \$300,000, and to adopt **Resolution No. 2019-34** approving the Drinking Water State Revolving Fund loan up to a maximum committed amount of \$644,000 to the **city of Roscoe** at 2.5 percent interest for 30 years for the drinking water improvements project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried with Bernhard, Gnirk, K. Johnson, and B. Johnson voting aye. Jones abstained.

Motion by K. Johnson, seconded by Bernhard, to adopt **Resolution No. 2019-35** approving a Drinking Water State Revolving Fund loan up to a maximum committed amount of \$2,000,000 at 2.75 percent interest for 30 years with 58.2 percent principal forgiveness not to exceed \$1,164,000 to the **city of Elkton** for a water system Phase I improvements project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried with Bernhard, Gnirk, K. Johnson, and B. Johnson voting aye. Jones abstained.

Motion by Jones, seconded by K. Johnson, to defer the funding application for Onida until the June 2019 board meeting. Motion carried unanimously.

Motion by Bernhard, seconded by K. Johnson, to adopt **Resolution No. 2019-36** approving the Drinking Water State Revolving Fund loan up to a maximum committed amount of \$1,798,000 to the **city of Groton** at 2.75 percent interest for 30 years for the drinking water improvements project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried with Bernhard, Gnirk, K. Johnson, and B. Johnson voting aye. Jones abstained.

Motion by Gnirk, seconded by Jones, to adopt **Resolution No. 2019-37** approving the Drinking Water State Revolving Fund loan up to a maximum committed amount of \$174,000 to the **city of Avon** at 2.5 percent interest for 20 years for a Main Street improvements project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms

as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried unanimously.

Motion by K. Johnson, seconded by Bernhard, to adopt **Resolution No. 2019-38** approving the Drinking Water State Revolving Fund loan up to a maximum committed amount of \$187,000 to the **city of Montrose** at 2.25 percent interest for 30 years for a water storage improvement project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried with Bernhard, Gnirk, K. Johnson, and B. Johnson voting aye. Jones abstained.

Sanitary/Storm Sewer Facilities

Mr. Perkovich reviewed the applications and staff recommendations for funding.

Motion by Bernhard, seconded by K. Johnson, to adopt **Resolution No. 2019-39** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$26,808,800 at 1.5 percent interest for 20 years with a Series A Borrower Bond in the amount of \$24,400,000 and a Series NPS Borrower Bond in the amount of \$2,408,800 to the **city of Sioux Falls** for the Main Pump Station; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting two bond ordinances and the ordinances becoming effective, and the special condition that the borrower may not draw funds from the proceeds of the Series NPS Borrower Bond until EPA approves the revised budget for the Big Sioux Watershed Implementation Project. Motion carried unanimously.

Motion by Jones, seconded by K. Johnson, to adopt **Resolution No. 2019-40** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$1,832,000 at 2.75 percent interest for 30 years with up to 75.8 percent principal forgiveness not to exceed \$1,387,000 to the **town of Claremont** for wastewater improvements; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried unanimously.

Motion by K. Johnson, seconded by Bernhard, to adopt **Resolution No. 2019-41** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$1,206,000 at 2.75 percent interest for 30 years to the **city of Elkton** for sewer system Phase I improvements; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the

assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage; to adopt **Resolution No. 2019-42** approving the South Dakota Consolidated Water Facilities Construction Program grant agreement to the **city of Elkton** for up to 50 percent of approved total project costs not to exceed \$2,000,000 for sewer system Phase I improvements with the special condition that grant funds for reimbursement of project costs must be drawn concurrently with the Clean Water SRF loan funds; and to adopt **Resolution No. 2019-43** approving the State Revolving Fund Program Water Quality grant agreement to the **city of Elkton** for up to 19.9 percent of approved total project costs not to exceed \$794,000 for the sewer system Phase I improvements project with the special condition that grant funds for reimbursement of project costs must be drawn concurrently with the Clean Water SRF loan funds. Motion carried unanimously.

Motion by Gnirk, seconded by Jones, to adopt **Resolution No. 2019-44** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$1,836,000 at 2.5 percent interest for 20 years to the **city of Belle Fourche** for the Day Street lift station replacement project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing rates at a level sufficient to provide the required debt coverage. Motion carried unanimously.

Motion by K. Johnson, seconded by Bernhard, to defer the funding application for Onida until the June 2019 board meeting. Motion carried unanimously.

Motion by Jones, seconded by K. Johnson, to defer the funding application for Irene until the June 2019 board meeting. Motion carried unanimously.

Motion by Bernhard, seconded by Jones, to adopt **Resolution No. 2019-45** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$1,600,000 at 2.75 percent interest for 30 years to the **city of Roscoe** for a wastewater improvements project; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage; and to adopt **Resolution No. 2019-46** approving the South Dakota Consolidated Water Facilities Construction Program grant agreement to the **city of Roscoe** for up to 44 percent of approved total project costs not to exceed \$1,550,000 for a wastewater improvements project with the special condition that grant funds for reimbursement of project costs must be drawn concurrently with the Clean Water SRF loan funds. Motion carried unanimously.

Motion by Gnirk seconded by K. Johnson, to adopt **Resolution No. 2019-47** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$138,000 at 2.5 percent interest for 20 years to the **city of Avon** for Main Street infrastructure improvements; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried unanimously.

Motion by Jones, seconded by Bernhard, to adopt **Resolution No. 2019-48** approving a Clean Water State Revolving Fund loan up to a maximum committed amount of \$1,760,000 at 2.75 percent interest for 30 years with up to 14.8 percent principal forgiveness not to exceed \$260,000 to the **city of Bridgewater** for storm sewer improvements; and authorizing the execution of the loan agreement, the acceptance of the Local Obligation, the assignment of the Local Obligation to the Trustee, and the execution and delivery of such other documents and the performance of all acts necessary to effectuate the loan approved in accordance with all terms as set forth in the Indenture of Trust, contingent upon the borrower adopting a bond resolution and the resolution becoming effective and contingent upon the borrower establishing a surcharge at a level sufficient to provide the required debt coverage. Motion carried unanimously.

Solid Waste Management Program

Mr. Huisken reviewed the applications and staff recommendations for funding.

Motion by Gnirk, seconded by K. Johnson, to adopt **Resolution No. 2019-49** approving the South Dakota Solid Waste Management Program grant agreement to **Brown County** for up to 20 percent of all approved total project costs not to exceed \$139,000 for the a landfill compactor purchase. Motion carried unanimously.

Motion by Gnirk, seconded by Jones, to adopt **Resolution No. 2019-50** approving the South Dakota Solid Waste Management Program grant agreement to the **Department of Environment and Natural Resources** for up to 100 percent of all approved total project costs not to exceed \$250,000 for statewide waste tire and other solid waste cleanup projects, and to adopt **Resolution No. 2019-51** approving the South Dakota Solid Waste Management Program grant agreement to the **Department of Environment and Natural Resources** for up to 80 percent of all approved total project costs not to exceed \$350,000 for statewide waste tire and other solid waste cleanup projects. Motion carried unanimously.

Following the board's funding decisions, Mr. Perkovich provided a recap of available funds for the Consolidated Water Facilities Construction Program, Drinking Water SRF Water Construction Grants, Drinking Water SRF Principal Forgiveness, Drinking Water SRF Loans, Clean Water SRF Water Quality Grants, Clean Water SRF Principal Forgiveness, Clean Water SRF loans, and Solid Waste Management Program grants/loans.

FUTURE DIRECTION AND GOALS OF THE 319 NONPOINT SOURCE PROGRAM: Kris Dozark, DENR Watershed Protection Program, provided a PowerPoint presentation discussing the goal of the South Dakota Nonpoint Source Program and how DENR's vision, rotating basin assessments, and implementation projects will work together to address water quality issues.

Mr. Dozark answered questions from the board.

AMENDMENT TO SRF PROGRAM INVESTMENT ADVISOR AGREEMENT: Jon Peschong reported that in March 2013, the board approved a three-year investment advisor agreement with PFM Asset Management for \$175,000. In March 2016, the board approved extending the investment advisor agreement for three additional years and increased the contract amount to \$225,000. With the contract ending on March 31, 2019, staff evaluated the remaining amount available in the contract and determined the total contract amount is insufficient.

With the assistance from the Office of Attorney General, the Second Amendment to the contract was prepared and reviewed by PFM Asset Management and DENR. The Second Amendment increases the total contract amount by \$15,000 to \$240,000.

Staff recommended authorizing the chairman to execute the Second Amendment to the Investment Advisor Agreement.

Motion by Jones, seconded by Bernhard, to authorize the Board of Water and Natural Resources chairman to execute the Second Amendment to the Investment Advisor Agreement. Motion carried unanimously.

SRF PROGRAM INVESTMENT MANAGER UPDATE: Mr. Perkovich reported that the contract with PFM Asset Management expires on March 31, 2019. At the January 2019 meeting, the board authorized staff to issue a Request for Proposals (RFP) for an investment manager. The RFP was issued on February 9, 2019, and five proposals were submitted to the department by the deadline. As staff was reviewing the proposals and having discussions amongst staff and the board subcommittee that was chosen to review the proposals, it was decided not to retain an investment manager at this time. The five firms were notified that the Conservancy District had opted to forego the use of an investment manager.

BOARD OF WATER AND NATURAL RESOURCES SFY 2020 MEETING SCHEDULE:
Mr. Perkovich presented the proposed SFY 2020 board meeting schedule.

Motion by Gnirk, seconded by Bernhard, to adopt the following meeting schedule for SFY 2020:

September 26-27, 2019
November 7, 2019
January 3, 2020
March 26-27, 2020
June 25-26, 2020

Motion carried unanimously.

JUNE MEETING: The next meeting is scheduled for June 27-28, 2019, at the Matthew Training Center, Foss Building, in Pierre. Mr. Perkovich highlighted some possible agenda items for that meeting.

ADJOURN: Motion by Bernhard, seconded by Jones, that the meeting be adjourned. Motion carried unanimously.

Approved this 27th day of June, 2019.

(SEAL)

Chairman, Board of Water and Natural Resources

ATTEST:

Secretary, Board of Water and Natural Resources

The audio recording for this meeting is available on the South Dakota Boards and Commissions Portal at <http://boardsandcommissions.sd.gov/Meetings.aspx?BoardID=108>.

Minutes of the
Board of Water and Natural Resources
Telephone Conference Call Meeting
523 East Capitol
Pierre, South Dakota

May 16, 2019
10:00 a.m. CST

CALL TO ORDER: The meeting was called to order by Chairman Brad Johnson. The roll was called and a quorum was present.

Chairman Johnson announced that the meeting was streaming live on SD.net, a service of South Dakota Public Broadcasting.

BOARD MEMBERS PRESENT: Brad Johnson, Paul Gnirk, Gene Jones, Jr., and Jerry Soholt.

BOARD MEMBERS ABSENT: Todd Bernhard, Jackie Lanning, and Kathryn Johnson.

OTHERS: Mike Perkovich, Jon Peschong, Andy Bruels, Dave Ruhnke, and Stephanie Riggle, DENR; David McVey, Assistant Attorney General, and Bob Mercer, KELOLAND Media Group.

APPROVE AGENDA: Chairman Johnson approved the agenda.

PUBLIC COMMENT PERIOD: No public comments were offered.

AMEND JUNE 2018 BOARD MINUTES: Dave Ruhnke reported that in June 2018, staff presented an application from the Butte Meade Sanitary Water District. The staff recommended awarding a \$413,000 Drinking Water SRF loan at 2.25 percent interest for 20 years.

In May 2019 while arranging to close the loan, Assistant Attorney General McVey discovered that the meeting minutes from June 2018 reflect that the board adopted a resolution approving a Drinking Water SRF loan for the Butte Meade Sanitary Water District at 2.5 percent interest. Mr. Ruhnke stated that this is a typographical error that needs to be corrected to reflect that the loan was at 2.25 percent interest.

Staff recommended the board amend the minutes of the June 2018 meeting to reflect that the Drinking Water SRF loan to the Butte Meade Sanitary Water District was awarded for \$413,000 at 2.25 percent interest.

Motion by Gnirk, seconded by Soholt, to amend the minutes of the June 2018 meeting to reflect that the Drinking Water SRF loan to the Butte Meade Sanitary Water District was awarded for \$413,000 at 2.25 percent interest for 20 years. A roll call vote was taken, and the motion carried unanimously.

AUTHORIZE REPRESENTATIVES TO PERFORM SPECIFIC DUTIES ON BEHALF OF THE BOARD OF WATER AND NATURAL RESOURCES AND THE SOUTH DAKOTA

CONSERVANCY DISTRICT: Jon Peschong reported that staff has been authorized to perform duties on behalf of the Board of Water and Natural Resources and the South Dakota Conservancy District through a series of forms from the Trustee, U.S. Bank, and designation letters from the Department Secretary. With the investment manager contract with PFM Asset Management ended, the district no longer has an authorized representative(s) designated to select, buy, and sell investments.

Staff has worked with David McVey with the Attorney General's Office to create a document for staff that outlines authorized representative(s) to perform specific duties on behalf of the board and the district. (Authorized Representative document attached to minutes)

Staff recommended the board authorize the chairman to execute the Authorized Representative(s) document outlining authority for staff to perform specific duties on behalf of the Board of Water and Natural Resources and the South Dakota Conservancy District.

Mr. Peschong and Mr. McVey answered questions from the board.

Motion by Jones, seconded by Gnirk, to authorize the board chairman to execute the Authorized Representative(s) document outlining authority for staff to perform specific duties on behalf of the Board of Water and Natural Resources and the South Dakota Conservancy District. A roll call vote was taken, and the motion carried unanimously.

ADJOURN: Motion by Soholt, seconded by Jones, to adjourn. A roll call vote was taken, and the motion carried unanimously.

Approved this 27th day of June 2019.

(SEAL)

Chairman, Board of Water and
Natural Resources

ATTEST:

Secretary, Board of Water and
Natural Resources

AUTHORIZED REPRESENTATIVE(S) OF THE SOUTH DAKOTA BOARD OF WATER AND NATURAL RESOURCES AND THE SOUTH DAKOTA CONSERVANCY DISTRICT.

The Secretary of the Department and Authorize Representative(s) listed below are authorized to perform specific duties on behalf of the Board of Water and Natural Resources (the “Board”) and the South Dakota Conservancy District (the “District”).

1. The following personnel are authorized to sign Loan Disbursement and Administrative Disbursement Orders for the Clean Water and Drinking Water State Revolving Fund Programs.
 - a. Michael Perkovich, Program Administrator
 - b. Andrew Bruels, Engineer Manager I
 - c. David Ruhnke, Grant & Loan Specialist II
 - d. Jonathan Peschong, Grant & Loan Specialist II

2. The following personnel are authorized to sign or approve Uniform Commercial Code filings.
 - a. Michael Perkovich, Program Administrator
 - b. Andrew Bruels, Engineer Manager I
 - c. Jonathan Peschong, Grant & Loan Specialist II
 - d. Stephanie Riggle, Grant & Loan Specialist I

3. The following personnel are authorized to sign IRS forms on behalf of the District in connections with Arbitrage Rebates, Arbitrage Payments, or W9s.
 - a. Michael Perkovich, Program Administrator
 - b. Andrew Bruels, Engineer Manager I
 - c. Jonathan Peschong, Grant & Loan Specialist II

4. The following personnel are authorized to select, buy, and sell investments on behalf of the District for the Clean Water and Drinking Water State Revolving Fund Programs.
 - a. Michael Perkovich, Program Administrator
 - b. David Ruhnke, Grant & Loan Specialist II
 - c. Jonathan Peschong, Grant & Loan Specialist II

5. The following personnel are authorized to direct the Trustee to transfer funds from any account or fund under the Master Trust Indenture to provide flexibility for the Clean Water and Drinking Water State Revolving Fund Programs, including any transfers from time to time as authorized by the Master Trust Indenture. In addition, the following personnel are authorized to direct the Trustee to establish and maintain additional accounts or subaccounts


for the purposes described above or to account for allocation of restricted and unrestricted moneys under the Master Trust Indenture.

- a. Michael Perkovich, Program Administrator
- b. David Ruhnke, Grant & Loan Specialist II
- c. Jonathan Peschong, Grant & Loan Specialist II

I hereby certify that the above representative(s) are authorized to act on behalf of the Board of Water and Natural Resources and the South Dakota Conservancy District as specified above.

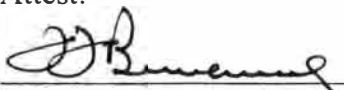
Dated this 16th day of May, 2019

{Seal}



Chairman, Board of Water
and Natural Resources

Attest:



Secretary, Board of Water
and Natural Resources

June 27, 2019

Item 5

TITLE: Amend the Brownfields Revitalization and Economic Development Program Work Plan

EXPLANATION: In accordance with ARSD 74:05:12:04, the Board of Water and Natural Resources may amend the annual work plan, including a list of projects being funded this year.

RECOMMENDED ACTION: Adoption of FFY 2019 Amended Brownfields Work Plan

CONTACT: Kim McIntosh, 773-5091

**SOUTH DAKOTA
BROWNFIELDS REVITALIZATION AND ECONOMIC
DEVELOPMENT PROGRAM
FY 2019 AMENDED WORK PLAN**

INTRODUCTION

The state of South Dakota proposes to amend the following Work Plan for federal fiscal year 2019. The primary purpose of this amended Work Plan is to identify Brownfields projects that are added to the FY 2019 work plan after the Board's approval in November, 2018 hearing. Copies of the Amended Work Plan have been posted on the department's web page.

The amended work plan provides a list of projects and the work that is being performed on each project by the department. In addition, the department may supplement Brownfields Assessment and Cleanup funds with other available funds such as Leaking Underground Storage Tank (LUST) Trust Funds and other appropriate funds. The department estimates that \$100,000 in LUST Trust funds will be used through the Assessment and Cleanup Subfund on LUST eligible activities at Brownfields sites in calendar years 2019-2020. These funds will be used to assess and cleanup petroleum contaminated properties that meet the requirements of both the Brownfields Program and the Leaking Underground Storage Tank Program.

WORK PLAN ELEMENTS:

1. Information on the Assessment and Cleanup Subfund.
2. Table 1 - List of Brownfields Projects.
3. Enhancement/Improvement of the Existing GIS Based Interactive Database.
4. Board Approval of the Amended Work Plan.

Brownfields Assessment and Cleanup Subfund

The department has received funds from EPA for the development and enhancement of a state Brownfields program. DENR has the ability to use a portion of these funds (up to 50%) to perform assessment and cleanup activities at eligible Brownfields sites.

The department has been using these funds to assist eligible entities with work to assist in the redevelopment of Brownfields sites. Table 1 lists projects that have been funded or are being funded with Brownfields Assessment and Cleanup sub-funds. Each year the department prepares a work plan and budget which is submitted to EPA. Funding to the states fluctuates each year and is not guaranteed. For federal fiscal year 2019, the department has received \$475,600 in funds for the Brownfields Program. EPA limited states ability to apply for

additional funds based on the amount of unexpended funds that each state has remaining. The department will prioritize the work that is performed in the next year to insure that remaining funds are used to complete the projects that are already in progress. Table 1 contains a list of qualifying projects.

The department currently has selected projects based on the qualifying applicant/project, availability of funds, environmental merits of the project, and public benefit. All projects have been funded based on a first come basis. Due to the increased awareness of the program and the limited funds available, the department will prioritize assessment activities over cleanup activities.

Property held by public entities (cities or counties) or non-profit organizations will receive priority over privately held properties. Assessment work will only be performed on privately owned property if the project can be shown to provide a significant public benefit to the community. If funds are available, cleanup activities will be performed on those projects where the cleanup provides a clear public benefit and provides significant protection to human health or the environment.

DENR typically hires a contractor to perform the necessary work. The department can contract or grant funds directly with a City or County to fund assessment and cleanup activities under certain circumstances.

To be eligible for Assessment or Cleanup assistance from the department, the following must occur:

- Assessment and Cleanup funds must be available
- An application must be submitted to DENR.
- DENR must review the application and determine that both the project and the applicant are eligible to receive funding under the federal act.
- The applicant must have a letter of support from the Mayor or City Commission or if the site is located in a rural area, the County Commission.
- EPA must approve of each applicant, project, and the work plans for each phase of the work performed if the property is owned by the State of South Dakota.
- DENR must meet or have a conference call with the applicant to discuss the work needed and to discuss prospective redevelopment plans.
- The Department and its designees must have access to the property to perform the necessary work.
- The work plan and budget for each project must be approved and signed by the Secretary of the Department of Environment and Natural Resources, or the Secretary's designee.
- The applicant must agree to comply with the cleanup requirements of the department.

Enhancement/Improvement of the Existing GIS Based Interactive Database

The department will also hire a selected contractor to enhance/improve the capability and the quality of the department's GIS based interactive web site and to make it more user friendly for our customers. The web site (<http://arccgis.sd.gov/server/denr/spillsviewer/>) continues to be a valuable source of information for property developers, environmental professionals, bankers, and the public to track environmental events within their communities. This web site and associated links contain detailed information on contamination associated with both the identified Brownfields sites and other types of sites not officially designated as Brownfields sites.

Board Approval of the Amended Work Plan

With the approval of the amended work plan, the Board grants approval to the department to proceed with the expenditure of the funds to perform work that is eligible under federal and state laws.

Projects that meet the eligibility requirements of the state and federal law may be added at any time to Table 1: *List of Brownfields Projects*. The addition of projects to Table 1 allows the department to proceed with the expenditure of funds to perform the assessment and cleanup work as necessary at each site. This work may be initiated prior to the next board hearing as long as the project expenditures are within the guidelines established by EPA. The department will provide the Board with an updated list of projects at each scheduled board hearing when new projects are listed.

See page # 4 for Table 1

Table 1

**List of Brownfields Projects
May 24, 2019**

Start Date	Applicant	Site Name/Location	Assessment, Cleanup, or Other Funds Requested	Amount Anticipated / the Amount Spent as of 05/24/19
2018	Dakota State University	Convent Building	Assessment	\$20,000/ -\$4,147.50 Complete
2018	City of Salem	Salem Armory	Assessment	\$30,000/ -\$3,996.68 Complete
2018	Greater Huron Development	Haskell Outlots	Assessment	\$20,000/ -\$11,259.63 Complete
2018	Howard Economic Development	Main Street Buildings	Assessment	\$10,000/ -\$6,194.80 Complete
2018	City of Huron	Vantage Business Park	Assessment	\$30,000/ -0.00
2018	City of Dell Rapids	Former Auto Parts Store	Assessment	\$15,000/ -\$10,465.85 Complete
2019	City of Flandreau	Zandt's Building	Assessment	\$10,000/ -0.00
2019	City of Mitchell	Old Buildings	Assessment	\$10,000/ -0.00
2019	City of Carthage	Old School Building	Assessment	\$10,000/ -0.00
2019	City of Pierre	Old City Hall	Assessment	\$15,000 -0.00
2019	DENR	Database/ GIS based interactive web site	Development/Enhancement	\$80,000/ -0.00

Bold = new projects

June 27, 2019

Item 6

TITLE: Amendments to the FY 2018 Drinking Water SRF Intended Use Plan

EXPLANATION: The FY 2018 Drinking Water State Revolving Fund Intended Use Plan was approved by the Board of Water and Natural Resources in November 2017 and amended in March, June, and September 2018 and in March 2019.

For a project to utilize principal forgiveness allowed by a specific capitalization grant it must be on the Intended Use Plan associated with that capitalization grant. In order to maximize the use of each year's capitalization grant, it is necessary to amend projects to prior years' Intended Use Plans.

It is proposed to amend Attachment I - Project Priority List of the FY 2018 Drinking Water Intended Use Plan by adding the following entries:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
88	Kingbrook Rural Water System	\$1,245,000	2.25%, 30 years
88	Randall Community Water District	\$4,600,000	2.25%, 30 years

RECOMMENDED ACTION: Approve the proposed amendments to the 2018 Drinking Water SRF Intended Use Plan

CONTACT: Andy Bruels, 773-4216

TITLE: Amendments to State Water Plan, 2019 Clean Water State Revolving Fund and 2019 Drinking Water State Revolving Fund Intended Use Plans

EXPLANATION: Water projects which will require state funding or need state support for categorical grant or loan funding need to be on the State Water Plan. The Board of Water and Natural Resources annually approves projects for placement onto State Water Facilities Plan and provides for amendments of projects onto the plan. Placement of a project on the State Water Plan by the board provides no guarantee of funding. The projects placed onto the plan at this meeting will remain on the facilities plan through December 2020.

Projects seeking a Clean Water or Drinking Water State Revolving Fund loan must be included on the project priority list of the Intended Use Plan. The State Water Plan applications are used to determine which projects should be amended onto the State Revolving Fund Project Priority Lists.

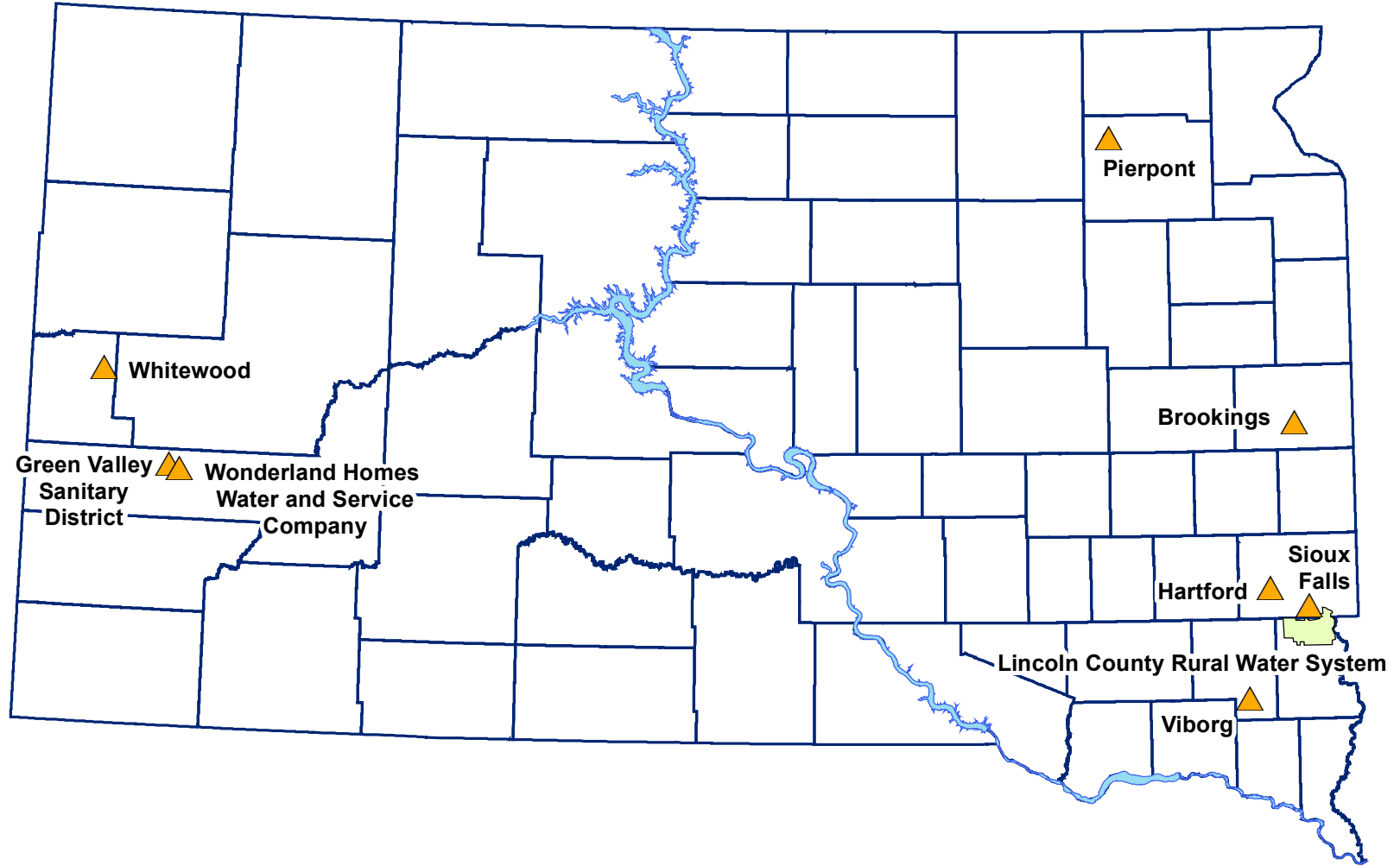
The following is the list of State Water Plan applications received by the May 1, 2019 deadline.

- a. Brookings
- b. Green Valley Sanitary District
- c. Hartford
- d. Lincoln County Rural Water System, Inc.
- e. Pierpont
- f. Sioux Falls
- g. Viborg
- h. Whitewood
- i. Wonderland Homes Water and Service Co.

Staff is recommending that the following projects be amended onto the 2019 Clean Water State Revolving Fund Project Priority List:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
28	Green Valley Sanitary District	\$9,470,000	2.75%, 30 years
20	Sioux Falls	\$159,000,000	2.50%, 20 years
10	Brookings	\$850,000	2.75%, 30 years
10	Viborg	\$2,762,090	2.75%, 30 years
8	Hartford	\$964,000	2.75%, 30 years
4	Pierpont	\$127,000	2.25%, 10 years

State Water Plan



June 27, 2019

Item 7

Additionally staff is recommending that the following projects be amended onto the 2019 Drinking Water State Revolving Fund Project Priority List:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
88	Kingbrook Rural Water System	\$1,245,000	2.25%, 30 years
19	Wonderland Homes Water and Service Co.	\$795,275	2.75%, 30 years
12	Pierpont	\$127,000	2.25%, 10 years
6	Lincoln County Rural Water System, Inc.	\$750,000	2.75%, 30 years

RECOMMENDED ACTION: Approve amendment of projects onto the State Water Plan, 2019 Clean Water State Revolving Fund and 2019 Drinking Water State Revolving Fund Intended Use Plans

CONTACT: Andy Bruels, 773-4216

State Water Plan Application

Applicant: City of Brookings Address: 520 3rd Street Brookings, SD 57006 Phone Number: 605-692-6281	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">Proposed Funding Package</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Projected State Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$850,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$850,000</td> </tr> </table>	Proposed Funding Package		Projected State Funding	\$850,000	Local Cash	_____	Other: _____	_____	Other: _____	_____	TOTAL	\$850,000
Proposed Funding Package													
Projected State Funding	\$850,000												
Local Cash	_____												
Other: _____	_____												
Other: _____	_____												
TOTAL	\$850,000												

Project Title: State Avenue Watershed Improvement Project

Description: (Include present monthly utility rate.)

This project is currently ranked as Project No. 6 on the City of Brookings prioritized list of drainage improvement projects. The State Avenue Watershed Improvement Project is being designed to reduce localized flooding in the vicinities of Jefferson Avenue, State Avenue and Morningside Drive. The drainage improvement project will entail storm sewer upgrades to meet the 5-year event flow capacity, asphalt, curb & gutter, erosion control, seeding and miscellaneous work. The anticipated cost of construction and design is \$850,000.

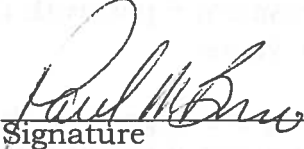
This loan will be secured by the City's Storm Sewer Utility Drainage Fee. The unit financial charge is currently set at 0.000625. The City of Brookings maintains a Storm Sewer Utility Drainage Utility Fund to finance construction projects and maintenance with revenue from the fee.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Paul Briseno, City Manager

 Name & Title of Authorized Signatory
 (Typed)



4/30/19

 Date

RECEIVED

APR 25 2019

Division of Financial & Technical Assistance

SD EForm - 0487LD V3

State Water Plan Application

Applicant: Green Valley Sanitary District	Proposed Funding Package
Address: Jason Reitz, President Green Valley Sanitary District PO Box 1105 Rapid City, SD 57709	Projected State Funding <u>\$9,470,000</u>
	Local Cash _____
Phone Number: 605-484-7237	Other: _____
	Other: _____
	TOTAL <u>\$9,470,000</u>

Project Title: Green Valley Sanitary District - Sewer Collection System

Description: (Include present monthly utility rate.)

Green Valley Sanitary District (GVSD) includes about 272 homes and is just east of Rapid City on the south side of Hwy. 44. The District has central water (RVSD) but is served by individual septic systems. Some of these septic systems are failing with high groundwater levels and possible contamination of nearby Rapid Creek. The only feasible project solution is connecting to a central sewer system. Thus, the proposed project is construction of a conventional gravity sewer collection system connected to either the City or Rapid Valley Sanitary District (RVSD) and with an associated contract for treatment.

All of GVSD would be served by this project with an estimated 333 total connections. Main would be installed under the road surface with compete re-paving of the road width. The project would be designed to City specifications with ultimate ownership by the City or RVSD. The main specific project components include: 50,185 LF of 8" sewer line, 2,100 LF of force main, 180 manholes, 1 lift station, asphalt surfacing, aggregate base course and associated work such as culvert replacement, erosion control, and seeding. (Refer to attached engineering report for complete project details).

GVSD currently assesses no sewer-related fees as there is no sewer system in place.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Jason Reitz, President
 Name & Title of Authorized Signatory
 (Typed)



Signature

4-23-19
 Date

RECEIVED

APR 26 2019

Division of Financial
& Technical Assistance

SD EForm - 0487LD V3

State Water Plan Application

Applicant: City of Hartford Address: 125 North Main Avenue Hartford, South Dakota 57033 Phone Number: 605-528-6187	Proposed Funding Package	
	Projected State Funding	\$964,000
	Local Cash	_____
	Other:	_____
	Other:	_____
	TOTAL	\$964,000

Project Title: Western Avenue Sewer Improvements

Description: (Include present monthly utility rate.)

The City of Hartford will extend sanitary sewer facilities from the intersection of Main Avenue and Highway 38 along Western Avenue to the edge of the city and the city's industrial park at 258th Street. The project includes extending approximately 1.5 miles of PVC sanitary sewer line and manholes. Approximately 6,300 linear feet of oversized pipe and 18 oversized manholes and 1,400 feet of standard sized sanitary sewer and four standard manholes will be installed.

The City of Hartford's current sewer rate is a base rate of \$13.52 and \$6.00 per gallon. The rate for 5,000 gallons of usage is \$43.52. These rates became effective January 2019.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Jeremy Menning, Mayor

Name & Title of Authorized Signatory
(Typed)

 4-24-19
Signature Date

State Water Plan Application

Applicant: Lincoln County Rural Water System, Inc. Address: PO Box 36 201 Railroad Ave Harrisburg, SD 57032 Phone Number: (605) 767-2966	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Projected State Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$750,000</td> </tr> <tr> <td>Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$1,420,000</td> </tr> <tr> <td>Other: _____</td> <td>_____</td> </tr> <tr> <td>Other: _____</td> <td>_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-bottom: 1px solid black;">\$2,170,000</td> </tr> </table>	Projected State Funding	\$750,000	Local Cash	\$1,420,000	Other: _____	_____	Other: _____	_____	TOTAL	\$2,170,000
Projected State Funding	\$750,000										
Local Cash	\$1,420,000										
Other: _____	_____										
Other: _____	_____										
TOTAL	\$2,170,000										

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& Technical Assistance

Project Title: Lincoln County Rural Water Mainline Improvement Project

Description: (Include present monthly utility rate.)

Lincoln County Rural Water System has experienced difficulties maintaining water service to customers on the west side of the distribution system because of required mainline shutdowns for construction projects in Sioux Falls. The Lincoln County Rural Water System (LCRWS) is proposing to construct a 3.8 mile pipeline project in Springdale Township, Lincoln County, SD. This project will provide redundancy for rural customers and a new Harrisburg elementary school; a portion of this project will also provide fire protection for the area. The LCRWS distribution system is supplied by its elevated tank located along 85th Street in Sioux Falls. Two 16" transmission mains leave the elevated tank site, one main (east) runs along 85th Street while the other main (west) runs along 85th Street to Louise Avenue. The west main is currently the only transmission main supplying the west and south portions of the distribution system. Improvements include the construction of 15,100 feet of 16-inch transmission mainline and 5,300 feet of 12-inch transmission mainline. Water rates are currently \$64.75 per month per 7,000 gallons. The Lincoln County Rural Water System has reserve funds.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Robin Dykstra, Manager
 Name & Title of Authorized Signatory
 (Typed)


 Signature

4-29-19
 Date

State Water Plan Application

Applicant: Town of Pierpont Address: PO Box 192 Pierpont, SD 57468 Phone Number: 605-325-3381	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Projected State Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$127,000</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-bottom: 1px solid black;">\$127,000</td> </tr> </table>	Projected State Funding	\$127,000	Local Cash	_____	Other:	_____	Other:	_____	TOTAL	\$127,000
Projected State Funding	\$127,000										
Local Cash	_____										
Other:	_____										
Other:	_____										
TOTAL	\$127,000										

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& Technical Assistance

Project Title: Pierpont Water Meter Replacement

Description: (Include present monthly utility rate.)

Pierpont hired Helms and Associates to complete an amendment to the engineering study for the City's drinking water system. The town has been experiencing issues with their water meters, which are manually read on a monthly basis. The meters are unreliable and the town is unable to get replacement meters or parts to repair the existing meters. Many of the meters have quit or spin backwards. The city is also having a hard time collecting water payments because customers are refuse to pay due to the broken meters. Others are lying about the meter reads to ensure they have a smaller water bill.

The Town of Pierpont has rates of \$58.00/5,000 gallons.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Audrey Johnson, Town Board President

 Name & Title of Authorized Signatory
 (Typed)


 Signature

4/26/2019
 Date

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MAY 01 2019

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**Division of Financial
& Technical Assistance**

State Water Plan Application

Applicant: City of Sioux Falls Address: 224 West 9th Street Sioux Falls, South Dakota 57104 Phone Number: 605-367-8800	Proposed Funding Package Projected State Funding <u>\$159,000,000</u> Local Cash _____ Other: _____ Other: _____ TOTAL <u>\$159,000,000</u>
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Project Title: Water Reclamation Facility (WRF) Expansion

Description: (Include present monthly utility rate.)

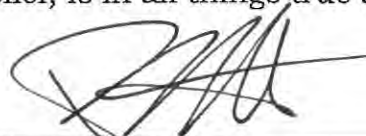
The City of Sioux Falls WRF was originally constructed in phases beginning in 1980 with the final phase completed in 1986. The original facility was designed to accommodate an average day flow of 13.4 MGD and a peak instantaneous flow of 27 MGD. As part of the 2009 WRF master plan, the capacity of the facility was re-rated with an increase to 21 MGD average flow and 35 MGD peak equalized flow. With future growth of the city, the projected needs for the future of the facility is 30.1 MGD average daily flow and 57 MGD peak flow. In 2018, the Sioux Falls Wastewater Treatment and Collection System Master Plan was completed which presented a review of the existing collection system and WRF capacities complete with a recommended five year capital improvements plan. It reflects the timing for the following needs: 1) provide reliability due to age and condition, and avert risk for failure for the WRF and select lift stations, 2) increase existing and hydraulic capacity for growth for the WRF, collections systems, and lift stations, 3) increase organic capacity for growth at the WRF, 4) meet future growth needs, and 5) improve treatment operations. See additional rate and project information on page 5.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

PAUL TENTHAKEN MAYOR

Name & Title of Authorized Signatory
(Typed)



Signature

4.24.19

Date

Additional Comments:

Current 2019 monthly wastewater rates are \$34.47 for domestic use and \$53.72 for business use. These rates went into effect January 2019. The City has established rates for 2019-2023 to support this WRF Expansion Plan.

Approved monthly wastewater rates for the upcoming years are:
Year 2020: \$34.47 for domestic use and \$56.98 for business use
Year 2021: \$38.35 for domestic use and \$59.83 for business use
Year 2022: \$39.90 for domestic use and \$62.24 for business use
Year 2023: \$41.06 for domestic use and \$64.06 for business use

The WRF recommended capital improvements for the city of Sioux Falls are as follows:

- *Filter Building High Priority Items
- *WRT Equalization Basins
- *Headworks Facilities
- *Primary Clarifier Facilities
- *Primary Clarifier Influent Diversion Facilities
- *Activated Sludge Facilities
 - Existing Aeration Basin Upgrades
 - Step Feed Improvements at Aeration Basins
 - Aeration Basin Splitters Boxes
 - New Aeration Basins
 - New Aeration Basin Blowers and Building
 - New Return Activated Sludge (RAS) and Waste Activated Sludge (WAS) Pumping
 - New Final Clarifiers
- *Disinfection System Improvements and Expansion
- *Effluent Flow Meter Improvements
- *New Thickening
- *Biosolids Dewatering and Drying Improvements
- *Dewatering Building Rehabilitation
- *Sidestream Treatment
- *New Campus Electrical and Generators
- *Site Piping Improvements
- *Storm Water Handling Improvements
- *Hauled Waste Receiving
- *Medium and High Priority Condition Assessment Items (items identified as reliability risks due to age and condition in the attached Appendix List)

State Water Plan Application

Applicant: City of Viborg Address: 110 N Main St. PO Box 56 Viborg, SD 57070 Phone Number: (605) 326-5103	Proposed Funding Package Projected State Funding <u> \$2,762,090 </u> Local Cash <u> </u> Other: <u> </u> Other: <u> </u> <div style="text-align: right;">TOTAL <u> \$2,762,090 </u></div>
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RECEIVED
MAY 03 2019
*Division of Financial
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Project Title: City of Viborg Park Avenue Storm and Sanitary Sewer Improvements

Description: (Include present monthly utility rate.)

The City of Viborg needs improvements to its storm and sanitary sewer systems in the area of Park Avenue between Clark Street and South Nora Street. The City is proposing the construction of an outlet pipe and 550 LF of storm sewer pipe to an existing retention pond to reduce the impact of flooding on nearby housing. Additionally, the City is proposing the replacement of the storm sewer west of Highway 19 and all vitrified clay pipe sanitary sewer along Park Avenue. Sanitary sewer improvements include the replacement of approximately 2,150 LF of sanitary sewer main, associated service connections, and 10 sanitary manholes and the rehabilitation of 5 existing manholes. Storm sewer improvements include the replacement and upsizing of approximately 1,100 feet of storm sewer pipe, 2 inlets, and installing 4 additional storm sewer inlets to capture surface drainage and convey it underground. The total project cost is \$2,762,000. The City of Viborg has \$30,000 in sewer capital replacement reserves and \$64,600 in lagoon reserves. The wastewater rate is \$26.08 per 5,000 gallons. There is currently no storm sewer water fee.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Steven A. Bendt, Mayor

Name & Title of Authorized Signatory
(Typed)

Steven A. Bendt

Signature Date 4-30-19

State Water Plan Application

Applicant: City of Whitewood Address: 1025 Meade St. Whitewood, SD 57793 Phone Number: 605-269-2247	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Projected State Funding</td> <td style="text-align: right;">\$300,000</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right;">_____</td> </tr> <tr> <td style="text-align: right;">Other: CDBG</td> <td style="text-align: right;">\$596,516</td> </tr> <tr> <td style="text-align: right;">Other: SDDOT & USDA</td> <td style="text-align: right;">\$704,109</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">\$1,600,625</td> </tr> </table>	Projected State Funding	\$300,000	Local Cash	_____	Other: CDBG	\$596,516	Other: SDDOT & USDA	\$704,109	TOTAL	\$1,600,625
Projected State Funding	\$300,000										
Local Cash	_____										
Other: CDBG	\$596,516										
Other: SDDOT & USDA	\$704,109										
TOTAL	\$1,600,625										

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MAR 27 2019
Division of Financial
& Technical Assistance

Project Title: Laurel Street Improvement Project

Description: (Include present monthly utility rate.)

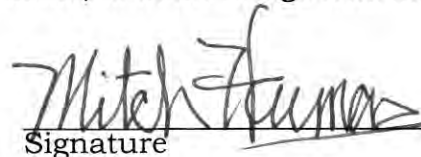
The Whitewood Laurel Street Improvement Project will involve extensive improvements to Laurel St. between Meade Street and the northern city limits near I-90 in Whitewood. Laurel Street is the main north/south route through Whitewood and is also a major utility corridor. The project also includes one block of Fillmore Street west of Laurel St. The overall project will include replacement of sanitary sewer main and services, water service lines, new storm sewer, road improvements, sidewalks and accessible ramps. Project need generally relates to age and deterioration of existing infrastructure. Specific improvements include: 3-inch milling and overlay of the pavement surface, patching of utility trench areas, adjustment of water valves and manholes, curb and gutter replacement, sidewalk replacement or construction, new 8-inch diameter sewer main in Laurel St. and for one block west on Fillmore St., 4-inch diameter sewer service line replacement with new clean-outs, new sewer manholes, water service replacement for service lines on the east side of Laurel St., additional inlets and piping for storm water problem areas and other improvements (refer to engineering feasibility report submitted with this application). Existing water rates are \$29.60 per 5,000 gallons & sewer is \$29.75 flat rate (residential).

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Mitch Harmon, Mayor

 Name & Title of Authorized Signatory
 (Typed)


 Signature

03/19/2019
 Date

State Water Plan Application

Applicant: Wonderland Homes Water and Service Co. Address: PO Box 2817 Rapid City, SD 57709 Phone Number: (605) 716-7771	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Projected State Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$795,275</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$795,275</td> </tr> </table>	Projected State Funding	\$795,275	Local Cash	_____	Other:	_____	Other:	_____	TOTAL	\$795,275
Projected State Funding	\$795,275										
Local Cash	_____										
Other:	_____										
Other:	_____										
TOTAL	\$795,275										

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MAY 02 2019
Division of Financial
& Technical Assistance

Project Title: New Water Supply Well

Description: (Include present monthly utility rate.)


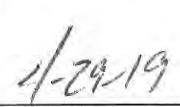
Wonderland Homes Water and Service Co. (WHWSC) supplies water to the Wonderland Homes housing development located north of I-90, between Summerset and Piedmont, and has 258 service connections that serve a population of approximately 750 people. WHWSC's existing water system consists of two wells drilled to approximately 1,000 below ground surface, two well houses for treatment and metering, a 160,000 gallon concrete ground storage reservoir, and transmission mains.

In 2015, WHWSC's Well No. 2 began to develop taste and odor issues, as well as a decrease in pumping capacity. As a result, Well No. 2 is rarely used currently and Well No. 1 is being used as the primary production well. A new redundant water source of high quality and quantity is needed to continue to provide adequate water supply to residents. A new well is proposed to be drilled in the relative vicinity of existing Well House No. 2 in order to enable the existing treatment, metering, and piping infrastructure to be reused.

Water Rates: \$45.00/first 10,000 gallons, then \$1.00/each 1,000 gallons thereafter.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Sandi Kile, President <hr/> Name & Title of Authorized Signatory (Typed)	 <hr/> Signature	 <hr/> Date
--	---	---

TITLE: Funding Applications Deferred from March 28-29, 2019

EXPLANATION: The following applications were received January 1, 2019 for funding consideration at the March 28-29, 2019 meeting. At that meeting the Board moved to defer the applications until the March meeting for final decision. The project priority points shown in the Intended Use Plan are listed in parentheses.

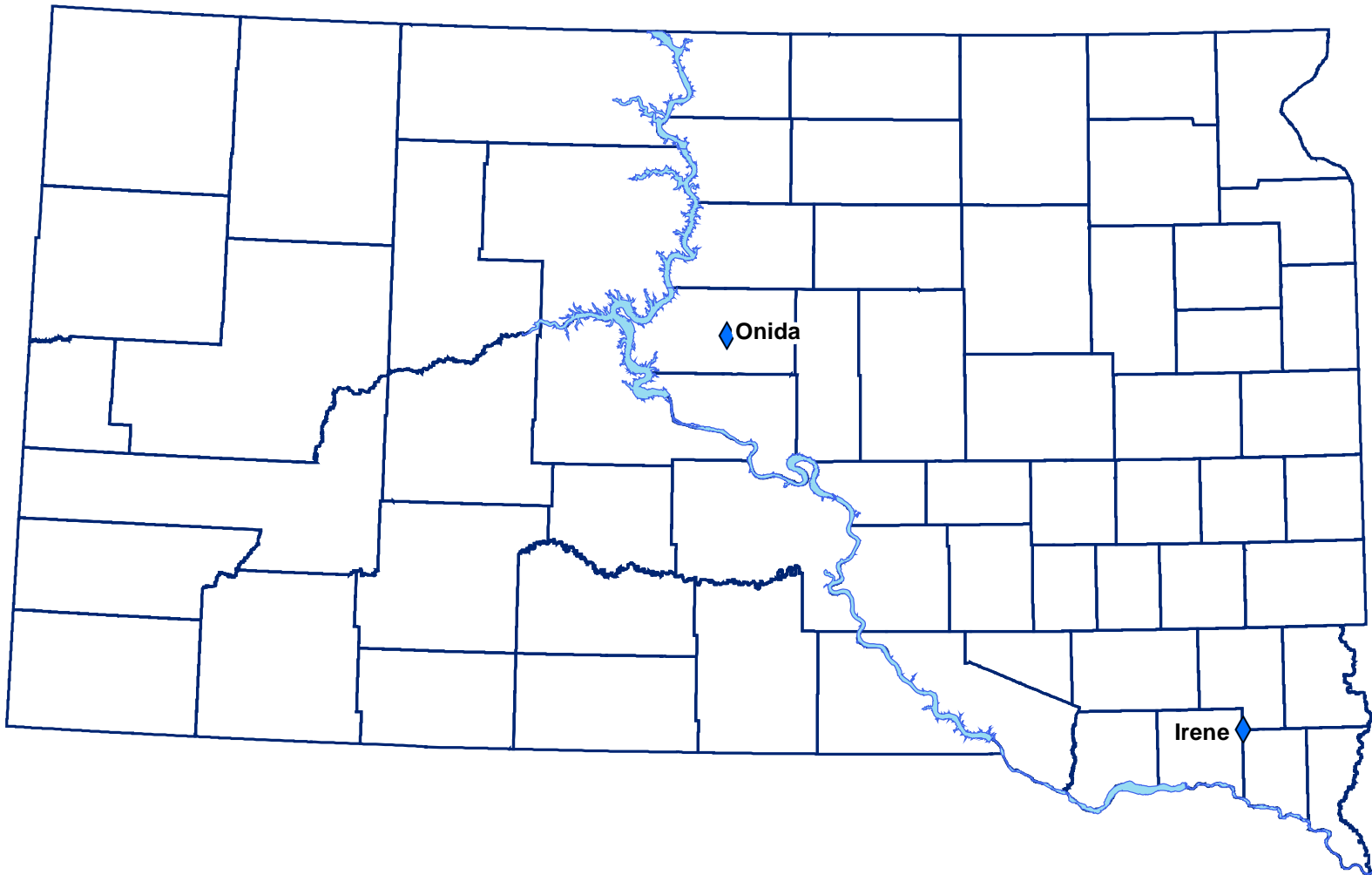
- a. Onida (10) Sanitary/Storm Sewer Facilities Funding
- b. Irene (9) Sanitary/Storm Sewer Facilities Funding
- c. Irene (83) Drinking Water Facilities Funding
- d. Onida (24) Drinking Water Facilities Funding

COMPLETE APPLICATIONS: The application cover sheets and summary sheets with a financial analysis have been provided as part of the board packet. Complete applications are available online and can be accessed by typing the following address in your internet browser:

<http://denr.sd.gov/bwnrapps/BWNRappsdeferred0619.pdf>

If you would like a hard copy of the applications, please contact Andy Bruels at (605) 773-4216.

Deferred Funding Applications



Sanitary/Storm Sewer Facilities Funding Application

Clean Water State Revolving Fund Program (CWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

Applicant: City of Onida Address: PO Box 72 Onida SD 57564-0072 Subapplicant: N/A DUNS Number: 12714113	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$5,700,000</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-bottom: 1px solid black;">\$5,700,000</td> </tr> </table>	Requested Funding	\$5,700,000	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$5,700,000
Requested Funding	\$5,700,000												
Local Cash	_____												
Other:	_____												
Other:	_____												
Other:	_____												
TOTAL	\$5,700,000												

Project Title: Onida Wastewater System Improvements - Phase II

Description:

The City is proposing to undertake Phase II of the wastewater collection system improvements to due to the widespread deficiencies that range from differential settling, joint offsets, separated joints, broken pipe and infiltration of the system. A portion of this will include replacement of approximately 24,700 ft of 4 to 12 inch sewer main, 47 manholes repairs, street repair, erosion control and other necessary appurtenances. The city will also be purposing a \$2 million of collection improvements phase II.

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DEC 28 2018

**Division of Financial
& Technical Assistance**

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Gary Wichersham, Mayor
Name & Title of Authorized Signatory
(Typed)


Signature

12/27/2108
Date

FUNDING REQUEST EVALUATION FORM
SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF ONIDA

Project Title: Wastewater System Improvements Phase II

Funding Requested: \$5,700,000

Other Proposed Funding: None

Total Project Cost: \$5,700,000

Project Description: Replacement of approximately 17,440 feet of 8- and 12-inch sewer lines. The project also involves replacing 47 manholes and appurtenances.

Alternatives Evaluated: The No Action alternative was not considered acceptable because it would not address the deficiencies in the collection system.

Collection System Alternatives - After televising the collection system, the existing clay lines were identified as Priority 1, 2, and 3.

Alternative 2a is to replace the Priority 1 and 2 clay lines that can be replaced in conjunction with asbestos cement water lines. This project is complete.

Alternative 2b is to replace the remaining Priority 1, 2 and 3 clay lines in the system. This alternative was selected by the city.

Implementation Schedule: Onida anticipates bidding the project in January 2020 with a project completion date of July 2021.

Service Population: 650

Current Domestic Rate: \$44.90 flat rate

Interest Rate: 2.75% Term: 30 years Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan Onida would have to establish a surcharge of approximately \$62.55. When added to current flat rate of \$44.90/month residents would be paying \$107.45/month.

25% Funding Subsidy: \$1,425,000 subsidy with a loan of \$4,560,000.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$4,275,000 Onida would have to establish a surcharge of approximately \$46.90 thereby paying a rate \$91.80/month.

50% Funding Subsidy: \$2,850,000 subsidy with a loan of \$2,850,000.

Coverage at 25% Subsidy: Based on a 50% subsidy and a loan of \$2,850,000 Onida would have to establish a surcharge of approximately \$31.30 thereby paying a rate \$76.20/month.

75% Funding Subsidy: \$4,560,000 subsidy with a loan of \$1,425,000.

Coverage at 50% Subsidy: Based on a 75% subsidy and a loan of \$1,425,000 Onida would have to establish a surcharge of approximately \$15.70 thereby paying a rate \$60.60/month.

ENGINEERING REVIEW COMPLETED BY: JIM ANDERSON

FINANCIAL REVIEW COMPLETED BY: DAVE RUHNKE

Sanitary/Storm Sewer Facilities Funding Application

Clean Water State Revolving Fund Program (CWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

Applicant: City of Irene Address: PO Box 67 Irene, South Dakota 57037 Subapplicant: DUNS Number: 026528682	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right;"><u>\$3,437,000</u></td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right;"><u> </u></td> </tr> <tr> <td style="text-align: right;">Other: <u>Community Access</u></td> <td style="text-align: right;"><u>\$339,534</u></td> </tr> <tr> <td style="text-align: right;">Other: <u> </u></td> <td style="text-align: right;"><u> </u></td> </tr> <tr> <td style="text-align: right;">Other: <u> </u></td> <td style="text-align: right;"><u> </u></td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;"><u>\$3,776,534</u></td> </tr> </table>	Requested Funding	<u>\$3,437,000</u>	Local Cash	<u> </u>	Other: <u>Community Access</u>	<u>\$339,534</u>	Other: <u> </u>	<u> </u>	Other: <u> </u>	<u> </u>	TOTAL	<u>\$3,776,534</u>
Requested Funding	<u>\$3,437,000</u>												
Local Cash	<u> </u>												
Other: <u>Community Access</u>	<u>\$339,534</u>												
Other: <u> </u>	<u> </u>												
Other: <u> </u>	<u> </u>												
TOTAL	<u>\$3,776,534</u>												

RECEIVED
JAN 02 2019
Division of Financial
& Technical Assistance

Project Title: Irene Phase II Utility Improvements

Description:


The City of Irene is proposing to construct Phase II of its water and wastewater utility project. This project addresses deficiencies in the clean water and storm sewer systems north of Main Street (Highway 46). Approximately 7,200 feet of aging and deteriorated clay sanitary sewer lines will be replaced. There is a great deal of inflow and infiltration due to cracks, root intrusion and poorly inserted services. Around 3,400 feet of storm sewer will be installed to address drainage issues. The proposed project is bordered by Till Avenue to the west, State Street to the north and Hazel Avenue to the east. State Street, Clark Avenue, and Dickerson Street are the sites for the storm sewer installation.

The City of Irene is seeking \$750,000 in Community Development Block Grants April 1, 2019 to offset construction costs.

The City of Irene has a reserve fund. The current sewer rate per 5,000 gallons is \$45.06. There is not a separate stormwater fee.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Bryce Johnke, Mayor Name & Title of Authorized Signatory (Typed)	 Signature	12/21/18 Date
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FUNDING REQUEST EVALUATION FORM
SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF IRENE

Project Title: Phase II Utility Improvements

Funding Requested: \$3,437,000

Other Proposed Funding: \$339,534 – Community Access Grant

Total Project Cost: \$3,776,534

Project Description: The City of Irene is proposing to construct Phase II of its water and wastewater utility project. This project will address deficiencies in the sanitary and storm sewer systems north of Main Street (Highway 46). The utilities in this area are in poor condition and suffer from excessive inflow and infiltration. Storm sewer will be installed to address drainage issues in this area.

Phase II will replace approximately 7,200 feet of 8-inch sanitary sewer main, 1,400 feet of 4-inch sanitary sewer force main, and 3,400 feet of storm sewer of various size. This project will also include manholes, service lines, curb and gutter, road surface replacement, and other necessary appurtenances.

Alternatives Evaluated: The “No Action” Alternative was not chosen because it would not correct any problems present in the sanitary sewer and storm sewer systems.

Implementation Schedule: Irene anticipates bidding the project in the Summer of 2019 with a project completion date of November 2020

Service Population: 411

Current Domestic Rate: \$45.06 per 5,000 gallons

Interest Rate: 2.75%

Term: 30 years

Security: Surcharge Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount:	If all funding is provided as loan Irene would have to establish a surcharge of approximately \$70. When added to current rate of \$45.06/5,000 gallons residents would be paying \$115.06/5,000 gallons. Irene could offset rates by reducing surcharge for CW-01 from \$15.35 to \$13.50.
25% Funding Subsidy:	\$859,250 subsidy with a loan of \$2,577,750.
Coverage at 25% Subsidy:	Based on a 25% subsidy and a loan of \$2,577,750, Irene would have to establish a surcharge of approximately \$52.50 thereby paying a rate \$97.56/5,000 gallons.
50% Funding Subsidy:	\$1,718,500 subsidy with a loan of \$1,718,500.
Coverage at 50% Subsidy:	Based on a 50% subsidy and a loan of \$1,718,500, Irene would have to establish a surcharge of approximately \$35 thereby paying a rate \$80.06/5,000 gallons.
75% Funding Subsidy:	\$2,577,750 subsidy with a loan of \$859,250.
Coverage at 75% Subsidy:	Based on a 75% subsidy and a loan of \$859,250, Irene would have to establish a surcharge of approximately \$17.50 thereby paying a rate \$62.56/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: DREW HUISKEN

FINANCIAL REVIEW COMPLETED BY: DAVID RUHNKE

Drinking Water Facilities Funding Application

Drinking Water State Revolving Fund Program (DWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

Applicant: City of Irene Address: PO Box 67 Irene, South Dakota 57037 Subapplicant: DUNS Number: 026528682	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$1,566,000</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$1,566,000</td> </tr> </table>	Requested Funding	\$1,566,000	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$1,566,000
Requested Funding	\$1,566,000												
Local Cash	_____												
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Other:	_____												
Other:	_____												
TOTAL	\$1,566,000												

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& Technical Assistance

Project Title: Irene Phase II Utility Improvements

Description:

The City of Irene is proposing to construct Phase II of its waster and wastewater utility improvement project. The project addresses infrastructure deficiencies, specifically drinking water, north of Main Street (Highway 46). Cast iron water mains will be replaced with PVC pipe and looped to increase pressure. The project site is bordered by Till Avenue to the west, State Street to the north and Hazel Avenue to the east. This is the final phase in a two-phase project. Phase I included similar improvements south of Main Street (Highway 46).


The City of Irene has a reserve fund. The current water rate is \$52.64 per 5,000 gallons of water.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Bryce Johnke, Mayor

 Name & Title of Authorized Signatory
 (Typed)



 Signature

12/21/18

 Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF IRENE

Project Title: Phase II Utility Improvements

Funding Requested: \$1,566,000

Other Proposed Funding: None

Total Project Cost: \$1,566,000

Project Description: The City of Irene is proposing to construct Phase II of its water and wastewater utility project. This will address deficiencies in the water distribution system north of Main Street (Highway 46). The utilities in this area are in poor condition, largely made of cast iron pipe, and will be replaced with PVC.

Phase II will replace approximately 3,700 feet of 6-inch water main, 3,500 feet of 8-inch water main, and 4,000 feet of 1-inch water service line. This project will also include hydrants, valves, fittings, road surface replacement, and other necessary appurtenances.

Alternatives Evaluated: The "No Action" Alternative was not chosen because it would not correct any problems present in the distribution system.

Other alternatives considered to improve the city's water system were completed previously as part of the Phase I utility improvements.

Implementation Schedule: Irene anticipates bidding the project in the Summer of 2019 with a project completion date of November 2020.

Service Population: 411

Current Domestic Rate: \$52.64 per 5,000 gallons

Interest Rate: 2.25% Term: 30 years Security: Surcharge Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan Irene would have to establish a surcharge of approximately \$29.85. When added to current rate of \$52.64/5,000 gallons residents would be paying \$82.49/5,000 gallons. Irene could offset rates by reducing surcharge for DW-02 from \$8.51 to \$6.50.

25% Funding Subsidy: \$391,500 subsidy with a loan of \$1,174,500.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$1,174,500, Irene would have to establish a surcharge of approximately \$22.40 thereby paying a rate \$75.04/5,000 gallons.

50% Funding Subsidy: \$783,000 subsidy with a loan of \$783,000.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$783,000, Irene would have to establish a surcharge of approximately \$14.95 thereby paying a rate \$67.59/5,000 gallons.

75% Funding Subsidy: \$1,174,500 subsidy with a loan of \$391,500.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$391,500, Irene would have to establish a surcharge of approximately \$7.50 thereby paying a rate \$60.14/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: DREW HUISKEN

FINANCIAL REVIEW COMPLETED BY: DAVID RUHNKE

Drinking Water Facilities Funding Application

Drinking Water State Revolving Fund Program (DWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

Applicant: City of Onida Address: PO Box 72 Onida SD 57564-0072 Subapplicant: N/A DUNS Number: 120714113	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">Proposed Funding Package</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$2,000,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">TOTAL</td> <td style="text-align: right; border-bottom: 1px solid black;">\$2,000,000</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$2,000,000	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$2,000,000
Proposed Funding Package															
Requested Funding	\$2,000,000														
Local Cash	_____														
Other:	_____														
Other:	_____														
Other:	_____														
TOTAL	\$2,000,000														

Project Title: Onida Water Distribution Improvements Project

Description:

City of Onida is proposing to undertake Phase II of the water distribution system improvements including replacing water lines, looping the necessary appurtenances. This will be replacing asbestos cement water main with PVC, which will necessitate the replacement of curb stops, services lines, valves, street and curb and gutter repair.

The decaying and cracking of asbestos cement pipe will allow asbestos to enter the drinking water system. According to the EPA, asbestos may cause lung cancer and other respiratory diseases, intestinal polyps and mesothelioma.

RECEIVED

DEC 28 2018


Division of Financial
& Technical Assistance

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Gary Wickersham, Mayor

 Name & Title of Authorized Signatory
 (Typed)



 Signature

12/27/2018

 Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF ONIDA

Project Title: Water Distribution Improvements

Funding Requested: \$2,000,000

Other Proposed Funding: None

Total Project Cost: \$2,000,000

Project Description: Replacement of approximately 5,300 feet of 6-inch, 3,770 feet of 8-inch water lines, approximately 2,320 feet of services lines, hydrants, valves, and other appurtenances.

Alternatives Evaluated: The No Action alternative was not considered acceptable because it would not address the deficiencies in the distribution system.

Distribution System Alternatives

Work identified in Phase I is currently being constructed.

Phase 2 was the only alternative considered by the city. This phase will replace the remaining asbestos cement lines. Looping of lines will also be included in the project.

Implementation Schedule: Onida anticipates bidding the project in January 2020 with a project completion date of July 2021.

Service Population: 750

Current Domestic Rate: \$45.70 per 5,000 gallons

Interest Rate: 2.75%

Term: 30 years

Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan Onida would have to establish a surcharge of approximately \$21.95. When added to current rate of \$45.70/5,000 gallons residents would be paying \$67.65/5,000 gallons.

25% Funding Subsidy: \$500,000 subsidy with a loan of \$1,500,000.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of 1,500,000 Onida would have to establish a surcharge of approximately \$16.50 thereby paying a rate \$62.20/5,000 gallons.

50% Funding Subsidy: \$1,000,000 subsidy with a loan of \$1,000,000.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$1,000,000 Onida would have to establish a surcharge of approximately \$11.00 thereby paying a rate \$56.70/5,000 gallons.

75% Funding Subsidy: \$1,500,000 subsidy with a loan of \$500,000.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$500,000 Onida would have to establish a surcharge of approximately \$5.50 thereby paying a rate \$51.20/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: JIM ANDERSON

FINANCIAL REVIEW COMPLETED BY: DAVE RUHNKE

TITLE: Drinking Water Facilities Funding Applications

EXPLANATION: The following applications have been received by DENR for funding consideration at this meeting. The project priority points shown in the Intended Use Plan are listed in parentheses.

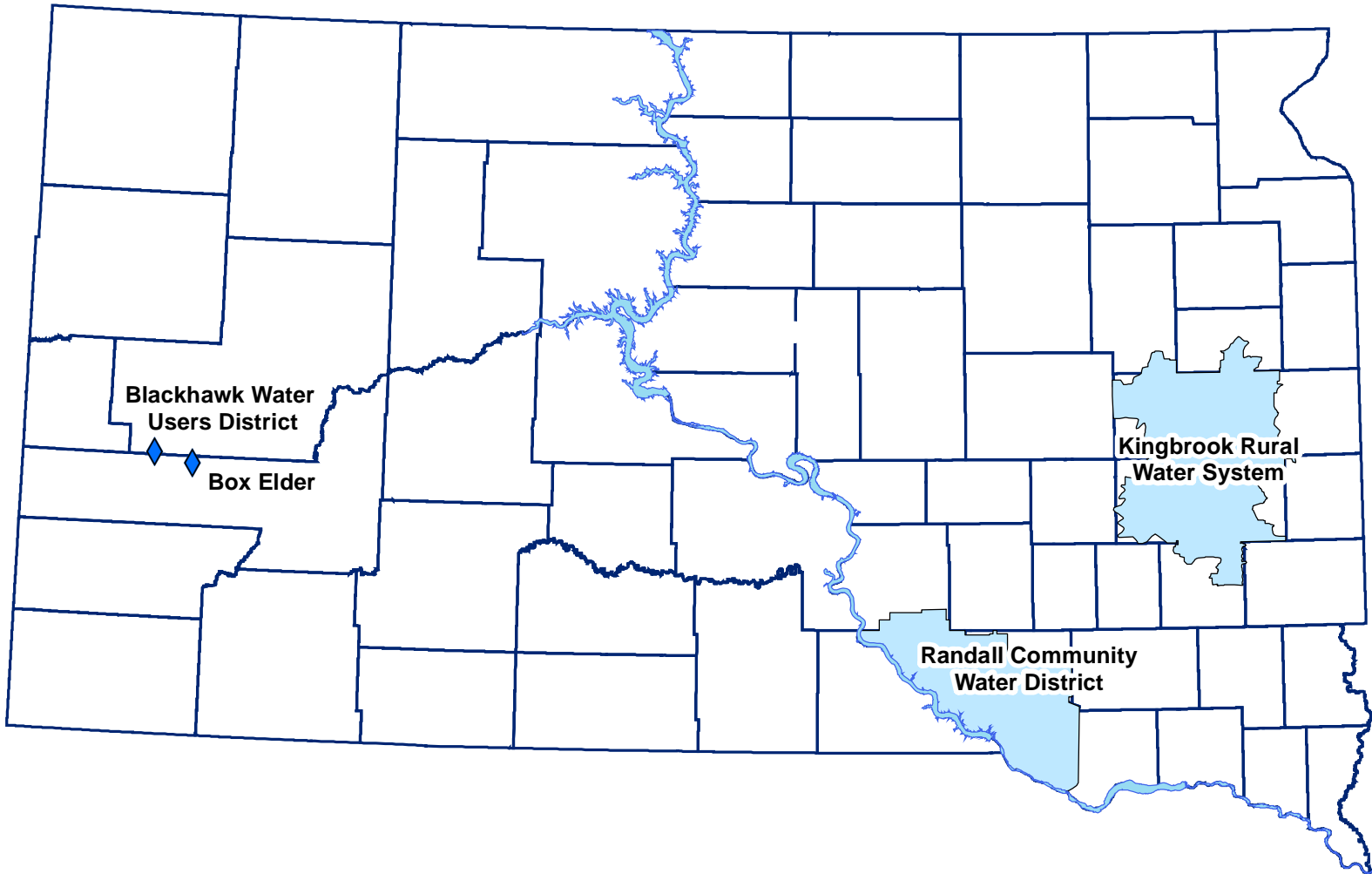
- a. Kingbrook Rural Water System (88)
- b. Randall Community Water District (88)
- c. Black Hawk Water User District (36)
- d. Box Elder (22)

COMPLETE APPLICATIONS: The application cover sheets and summary sheets with a financial analysis have been provided as part of the board packet. Complete applications are available online and can be accessed by typing the following address in your internet browser:

<http://denr.sd.gov/bwnrapps/BWNRappsdfw0619.pdf>

If you would like a hard copy of the applications, please contact Andy Bruels at (605) 773-4216.

Drinking Water Facilities Funding Applications



Drinking Water Facilities Funding Application

Drinking Water State Revolving Fund Program (DWSRF)
 Consolidated Water Facilities Construction Program (CWFCP)

Applicant: Kingbrook Rural Water System Address: 302 E. Ash Street P.O. Box 299 Arlington, SD 57212 Subapplicant: DUNS Number: 11-978-1029	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">Proposed Funding Package</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$1,245,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$44,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$1,289,000</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$1,245,000	Local Cash	\$44,000	Other: _____		Other: _____		Other: _____		TOTAL	\$1,289,000
Proposed Funding Package															
Requested Funding	\$1,245,000														
Local Cash	\$44,000														
Other: _____															
Other: _____															
Other: _____															
TOTAL	\$1,289,000														

Project Title: Water Service to Oldham, SD

Description:

The City of Oldham, SD currently purchases wholesale water from Kingbrook Rural Water System and manages a water system for distribution to City residents. Since 2014, Oldham has had difficulty retaining a qualified, licensed utility operator and has been issued violations with the South Dakota DENR.


Based on the findings of the Small Community Planning Report, the City wishes to proceed with rural water service from KBRW. Residents of Oldham will become individual customers of KBRW. Beginning in January of 2019, the rate for individual services at KBRW will be \$53.50 for 5,000 gallons.

The existing distribution system is comprised of Asbestos Cement mainline installed in the 1960's. Unaccounted for water loss was determined to be 47% of water purchased from Kingbrook over the last 12 months. The existing distribution system will be replaced with PVC pipe and new meter pits installed outside the structure.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Randy Jencks, P.E., General Manager
 Name & Title of Authorized Signatory
 (Typed)


 Signature

3/27/2019
 Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: KINGBROOK RURAL WATER SYSTEM

Project Title: Water Service to Oldham

Funding Requested: \$1,245,000

Other Proposed Funding: \$44,000 - Local Cash

Total Project Cost: \$1,289,000

Project Description: Provide individual service to the residents of Oldham. This involves replacing the water distribution system with new PVC water lines, meter pits, and service lines. The project also includes recoating the interior and exterior of the existing water tower in Oldham.

Alternatives Evaluated:

No Action Alternative: Under this alternative the city will continue to operate and maintain the water system.

Alternative 2: Under this alternative Kingbrook Rural Water System will replace the distribution system and remove the existing water tower. Each resident will become individual customers of Kingbrook RWS.

Alternative 3: Under this alternative Kingbrook RWS will replace the distribution system and the existing water tower will remain in service. Each resident will become individual customers of Kingbrook RWS. This is the chosen alternative.

Alternative 4: Under this alternative Kingbrook RWS will own and operate the existing distribution system and water tower. Each resident will become individual customers of Kingbrook RWS.

Implementation Schedule: Kingbrook RWS anticipates bidding the project in October 2019 with a project completion date of July 2020.

Service Population: 14,871

Current Domestic Rate: \$53.50 per 5,000 gallons

Interest Rate: 2.25 % Term: 30 years Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Kingbrook would have 1098% coverage based on the current rate of \$61.70/7,000 gallons.
--

ENGINEERING REVIEW COMPLETED BY: ERIC MEINTSMA

FINANCIAL REVIEW COMPLETED BY: STEPHANIE RIGGLE

APR 01 2019

Division of Financial
& Technical Assistance

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Drinking Water Facilities Funding Application

Drinking Water State Revolving Fund Program (DWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

Applicant: Randall Community Water District Address: PO Box 37 Lake Andes, South Dakota 57356 Subapplicant: N/A DUNS Number: 605989367	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; border-bottom: 1px solid black;">Proposed Funding Package</td> </tr> <tr> <td style="text-align: right; border-bottom: 1px solid black;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$4,600,000</td> </tr> <tr> <td style="text-align: right; border-bottom: 1px solid black;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$28,749</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Other: _____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Other: _____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Other: _____</td> <td style="border-bottom: 1px solid black;">_____</td> </tr> <tr> <td style="text-align: right; border-bottom: 1px solid black;">TOTAL</td> <td style="text-align: right; border-bottom: 1px solid black;">\$4,628,749</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$4,600,000	Local Cash	\$28,749	Other: _____	_____	Other: _____	_____	Other: _____	_____	TOTAL	\$4,628,749
Proposed Funding Package															
Requested Funding	\$4,600,000														
Local Cash	\$28,749														
Other: _____	_____														
Other: _____	_____														
Other: _____	_____														
TOTAL	\$4,628,749														

Project Title: City of Geddes Assumption and System Improvements

Description:

The City of Geddes is experiencing significant water losses within its distribution system. In an attempt to alleviate the issue, new meters were installed in 2015 which helped though losses remain above acceptable levels. The City's leadership acknowledges it is not feasible or economical for the community to replace its distribution system and continue to operate an independent water system. As such the City in conjunction with the RCWD is proposing to have Geddes's water system assimilated into the Randall Community Water District (RCWD). The proposed project includes three elements: distribution, transmission, and storage. RCWD is proposing to replace the entire distribution system to include meters within the City of Geddes. In addition there will be necessary improvements to the system outside the community to include approximately 61,000 feet of 8" PVC water main and a 2.7-million-gallon reservoir.

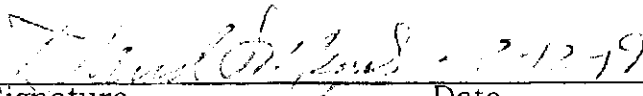
RCWD's rates for all users with the exception of bulk customers are \$29.00 minimum with a use charge of \$2.30 per thousand gallons. The rate for 7,000 gallons is \$45.10.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Dave Meyerink, Board Chairman

 Name & Title of Authorized Signatory
 (Typed)



 Signature Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: RANDALL COMMUNITY WATER DISTRICT

Project Title: Geddes Assumption and System Improvements

Funding Requested: \$4,600,000

Other Proposed Funding: \$28,749 - Local Cash

Total Project Cost: \$4,628,749

Project Description: Provide individual service to the residents of Geddes. This involves replacing a portion of the water distribution system in Geddes with new PVC water lines, meter pits, and service lines. Improvements to the Randall Community Water system will also be necessary to provide adequate service to the residents of Geddes. These improvements include installing 61,000 feet of water main and constructing a 2.7 million-gallon ground storage reservoir.

Alternatives Evaluated:

No Action Alternative: Under this alternative Randall CWD would operate and maintain the existing city water system. This alternative was rejected because there is substantial water loss and low pressure problems in the system.

Alternative 2: Under this alternative Randall CWD will replace portions of the distribution system, install new customer water meters, and construct a new water tower.

Alternative 3: Under this alternative Randall CWD will replace portions of the distribution system in the city, upsize water main in the Randall CWD system, and construct a new ground storage reservoir.

Implementation Schedule: Randall CWD anticipates bidding the project in October 2019 with a project completion date of December 2020.

Service Population: 3,889

Current Domestic Rate: \$45.10 per 7,000 gallons usage

Interest Rate: 2.25% Term: 30 years Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Randall Water District would have 76% coverage based on the future rate of \$52.50/7,000 gallons.

25% Funding Subsidy: \$1,150,000 subsidy with a loan of \$3,450,000

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$3,450,000, Randall Water District would have 102% coverage based on the future rate of \$52.50/7,000 gallons.

50% Funding Subsidy: \$2,300,000 subsidy with a loan of \$2,300,000

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$2,300,000, Randall Water District would have 152% coverage based on the future rate of \$52.50/7,000 gallons.

75% Funding Subsidy: \$3,450,000 subsidy with a loan of \$1,150,000

Coverage at 60% Subsidy: Based on a 75% subsidy and a loan of \$1,150,000, Randall Water District would have 305% coverage based on the future rate of \$52.50/7,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ERIC MEINTSMA

FINANCIAL REVIEW COMPLETED BY: STEPHANIE RIGGLE

Drinking Water Facilities Funding Application

Drinking Water State Revolving Fund Program (DWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

Applicant: Black Hawk Water User District Address: PO Box 476 Black Hawk, SD 57718 Subapplicant: DUNS Number: 009813866	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center; padding-bottom: 10px;">Proposed Funding Package</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$3,810,656</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$1,000,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$4,810,656</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$3,810,656	Local Cash	\$1,000,000	Other: _____		Other: _____		Other: _____		TOTAL	\$4,810,656
Proposed Funding Package															
Requested Funding	\$3,810,656														
Local Cash	\$1,000,000														
Other: _____															
Other: _____															
Other: _____															
TOTAL	\$4,810,656														

Project Title: Water System Improvements Project - Phase I

Description:

The Black Hawk Water User District (BHWUD) is located along Interstate 90, about three (3) miles northwest of Rapid City, and provides water to residences and businesses in Summerset, Piedmont, and the unincorporated community of Black Hawk. BHWUD's water system currently consists of approximately 33 miles of distribution main, two (2) pressure zones, 1.2 million gallons of water storage in nine (9) different tanks, and two (2) Madison Aquifer wells.

Based on the age of their water system and anticipated future population growth in the area, BHWUD has assessed its short- and long-term infrastructure needs, as outlined in its 2018 Water System Facility Plan Master Plan. Several needs have been identified and BHWUD is proposing to conduct the following improvements at this time (Phase I): 1) Replacement of approximately 4,500 feet of undersized or obsolete water transmission mains along Elm Street; 2) Construction of a new Madison Aquifer well (Well #6), including a well house, pump and controls; 3) New 500,000 gallon water storage tank (concrete or steel - to be determined); and, 4) Installation of approximately 3,750 feet of 12" water transmission main to connect the new well and water storage tank into the water system.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Ed Striebel, President
 Name & Title of Authorized Signatory
 (Typed)


 Signature

5/20/19
 Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: BLACK HAWK WATER USER DISTRICT

Project Title: Water System Improvements Project – Phase I

Funding Requested: \$3,810,656

Other Proposed Funding: \$1,000,000 – Local Cash

Total Project Cost: \$4,810,656

Project Description: Black Hawk Water User District is looking to address issues with their water source, system capacity, water storage, and improvements to the distribution system.

This project will replace approximately 4,500 feet of undersized and obsolete water main and also construct a new well in the Madison aquifer. Construction of the well includes a well house, pump, and controls. Improvements also include construction of a 500,000-gallon water storage tank and installation of approximately 3,750 of 12-inch water main to connect the newly constructed well and storage tank into the water system. This project will also include hydrants, valves, fittings, and other necessary appurtenances associated with water main installation.

Alternatives Evaluated: The “No Action” Alternative was not chosen because it would not correct any problems present in the distribution system.

The “Sturgis Road Transmission Main” alternative was not chosen in favor of the selected alternatives.

The “Exit 48/Anderson Road Transmission Main Crossing” alternative was not chosen in favor of the selected alternatives.

The “I-90 Exit 52 Transmission Crossing Main” alternative was not chosen in favor of the selected alternatives.

Implementation Schedule: Black Hawk Water User District anticipates construction of the selected alternatives during 2020-21 construction season.

Service Population: 4,652

Current Domestic Rate: \$31.00 per 7,000 gallons

Interest Rate: 2.5% Term: 20 years Security: Water System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Black Hawk WUD would have 46% coverage based on the current rate of \$31.00/7,000 gallons. Black Hawk will have to increase rates approximately 40% to \$43.40/7,000 gallons to provide the required debt coverage. This would be below other rural water system rates.

ENGINEERING REVIEW COMPLETED BY: DREW HUISKEN

FINANCIAL REVIEW COMPLETED BY: DAVE RUHNKE

Drinking Water Facilities Funding Application

Drinking Water State Revolving Fund Program (DWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

Applicant: City of Box Elder Address: 420 Villa Drive Box Elder, SD 57719 Subapplicant: DUNS Number: 140242731	Proposed Funding Package <table style="width: 100%; margin-top: 10px;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$1,742,000</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$400,000</td> </tr> <tr> <td style="text-align: right;">Other: CDBG</td> <td style="text-align: right; border-bottom: 1px solid black;">\$770,000</td> </tr> <tr> <td style="text-align: right;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">Other: _____</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$2,912,000</td> </tr> </table>	Requested Funding	\$1,742,000	Local Cash	\$400,000	Other: CDBG	\$770,000	Other: _____		Other: _____		TOTAL	\$2,912,000
Requested Funding	\$1,742,000												
Local Cash	\$400,000												
Other: CDBG	\$770,000												
Other: _____													
Other: _____													
TOTAL	\$2,912,000												

Project Title: Box Elder Well #10 Project

Description:

This project will construct a new Madison well and water lines connecting the well to the existing Box Elder municipal water system. The proposed well would be an approximately 4,900' Madison Aquifer well. The expected location for the well is in the SW quadrant of the intersection of 150th Place and Tyler Trail (within the SW 1/4 of Section 8, T2N, R9E in Box Elder). Water lines will also be constructed to connect the new well to the existing Ghere well house and reservoir. These lines will include a new approximately 9,250', 8" PVC main along 150th Place. Need for this project is due to growth and water demand. The City has seen significant growth - from a population of 2,680 in 1990 to 9,498 in 2018. Even with all current wells pumping nearly constantly, the existing water system barely meets the City's average daily demand - much less peak demands. Regular water restrictions are necessary, and severe restrictions have occurred during well failures. At a minimum, one new well is needed now to resolve this problem. Refer to engineering report (on file with the DENR) for detailed project information, data, maps and costs. Existing water rates are \$26.50 per 5,000 gallons, however, the City has committed to raising the water rates to \$30 upon funding award.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Larry Larson, Mayor Name & Title of Authorized Signatory (Typed)	 Signature	3/20/19 Date
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**FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF BOX ELDER**

Project Title: Installation of Well #10

Funding Requested: \$1,742,000

Other Proposed Funding: \$400,000 - Local Cash
\$770,000 - Community Development Block Grant

Total Project Cost: \$2,912,000

Project Description: The city will construct a new Madison aquifer well and water lines from the well to the existing Ghere well house and reservoir.

Alternatives Evaluated: The “no action” alternative was rejected by the city because the city is experiencing problems meeting current day demand.

The city evaluated several site locations but decided to construct the well near the intersection of 150th Place and Tyler Trail.

Implementation Schedule: Box Elder anticipates bidding the project in fall of 2019 with a project completion date of fall of 2020.

Service Population: 10,100

Current Domestic Rate: \$26.50 per 5,000 gallons

Interest Rate: 2.25% Term: 20 years Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount:	If all funding is provided as loan Box Elder would have to establish a surcharge of approximately \$4.60. When added to current rate of \$26.50/5,000 gallons residents would be paying \$31.10/5,000 gallons.
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ENGINEERING REVIEW COMPLETED BY: JIM ANDERSON

FINANCIAL REVIEW COMPLETED BY: DAVE RUHNKE

June 27, 2019

Item 11

TITLE: Sanitary/Storm Sewer Facilities Funding Application

EXPLANATION: The following application has been received by DENR for funding consideration at this meeting. The project priority points shown in the Intended Use Plan are listed in parentheses.

a. Springfield (15)

COMPLETE APPLICATIONS: The application cover sheet and summary sheet with a financial analysis have been provided as part of the board packet. The complete application is available online and can be accessed by typing the following address in your internet browser:

<http://denr.sd.gov/bwnrapps/BWNRappsssf0619.pdf>

If you would like a hard copy of the application, please contact Mike Perkovich at (605) 773-4216.

Sanitary/Storm Sewer Facilities Funding Application

Clean Water State Revolving Fund Program (CWSRF)
Consolidated Water Facilities Construction Program (CWFCP)

<p>Applicant: City of Springfield</p> <p>Address: PO Box 446 Springfield, SD 57062</p> <p>Subapplicant:</p> <p>DUNS Number: 14-182-9486</p>	<p style="text-align: center;">Proposed Funding Package</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$1,950,000</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">0</td> </tr> <tr> <td style="text-align: right;">Other: CDBG</td> <td style="text-align: right; border-bottom: 1px solid black;">\$770,000</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right; border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right; border-bottom: 3px double black;">\$2,720,000</td> </tr> </table>	Requested Funding	\$1,950,000	Local Cash	0	Other: CDBG	\$770,000	Other:		Other:		TOTAL	\$2,720,000
Requested Funding	\$1,950,000												
Local Cash	0												
Other: CDBG	\$770,000												
Other:													
Other:													
TOTAL	\$2,720,000												

RECEIVED

MAR 21 2019

Division of Financial
& Technical Assistance

Project Title: Springfield Wastewater and Storm Water Improvements

Description:


The City of Springfield is proposing to upgrade sanitary sewer and storm water infrastructure in the city. Following are the specific project elements:

- Rehabilitation of the main sewage lift station.
- Replacement of the southwest sewage lift station.
- Television inspection of approximately 22,500 feet of the city's sewer lines.
- Storm water infrastructure improvements along 11th Street.
- Storm water and sanitary sewer infrastructure improvements along 14th Street.

The Applicant Certifies That:

I declare and affirm under the penalties of perjury that this application has been examined by me and, to the best of my knowledge and belief, is in all things true and correct.

Michael Lee, Mayor
Name & Title of Authorized Signatory
(Typed)


 Signature 3-5-19
 Date

FUNDING REQUEST EVALUATION FORM
SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF SPRINGFIELD

Project Title: Wastewater and Storm Water Improvements

Funding Requested: \$1,950,000

Other Proposed Funding: \$770,000 - Community Development Block Grant

Total Project Cost: \$2,720,000

Project Description: The City of Springfield is proposing to make improvements to its sanitary sewer and storm sewer infrastructure. Proposed improvements include the rehabilitation of the main sewage lift station and replacement of the southwest lift station and sanitary sewer force main to convey wastewater flows from the main lift station to the wastewater treatment facility.

Springfield also plans to install storm sewer infrastructure along 11th Street and 14th Street. Sanitary sewer main on 14th street will be replaced in conjunction with the construction of the storm sewer. Televising of 22,500 feet of sanitary sewer will also be completed as part of this project.

This project will replace approximately 3,300 feet of 36-inch RCP storm sewer, 700 feet of 48-inch RCP storm sewer, 1,325 feet of 8-inch sanitary sewer main, and 925 feet of 6-inch water main (ineligible). Approximately 1,700 feet of 8-inch sanitary sewer force main will be installed from the main sewage lift station to the treatment ponds. This project also includes all the necessary appurtenances associated with water main, sanitary sewer, and storm sewer construction as well as replacement of the road surface in some locations.

Alternatives Evaluated: Several other alternatives for improvements to the storm sewer system were considered, but were not chosen in favor of the current project.

The "Rehabilitation of the Southwest Lift Station" alternative was not chosen as the lift is so deteriorated that replacement is the more economic and effective option.

The "Replace of Priorities 1 and 2 VCP Pipe" alternative was not chosen due to its excessive cost. However, small sections of the sanitary sewer system are being replaced in future year projects.

Implementation Schedule: Springfield anticipates bidding the project in late 2019 with a project completion date in 2020.

Service Population: 1,938

Current Domestic Rate: \$18.00 per 5,000 gallons

Interest Rate: 2.75%

Term: 30 years

Security: Project Surcharge

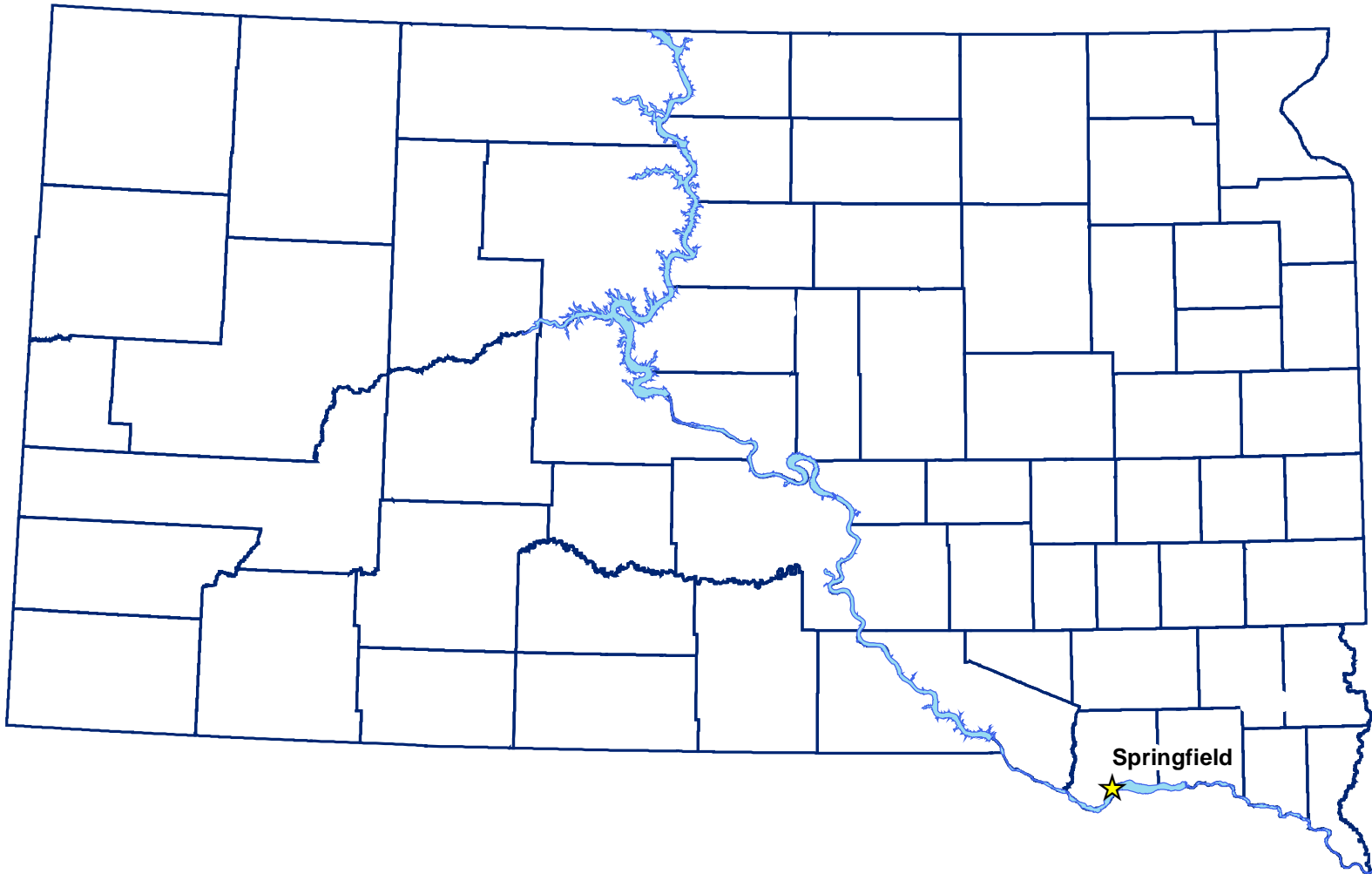
DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount:	If all funding is provided as loan Springfield would have to establish a surcharge of approximately \$25. When added to current flat rate of \$18 residents would be paying \$43/month. However since the Springfield prison is the largest customer (60% of the flows) it is possible that it will be assessed a larger surcharge fee thus reducing the surcharge to the normal residential customer.
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ENGINEERING REVIEW COMPLETED BY: DREW HUISKEN

FINANCIAL REVIEW COMPLETED BY: DAVE RUHNKE

Sanitary/Storm Sewer Facilities Funding Applications



TITLE: Solid Waste Management Program Funding Application

EXPLANATION: The following application has been received by DENR for funding consideration at this meeting:

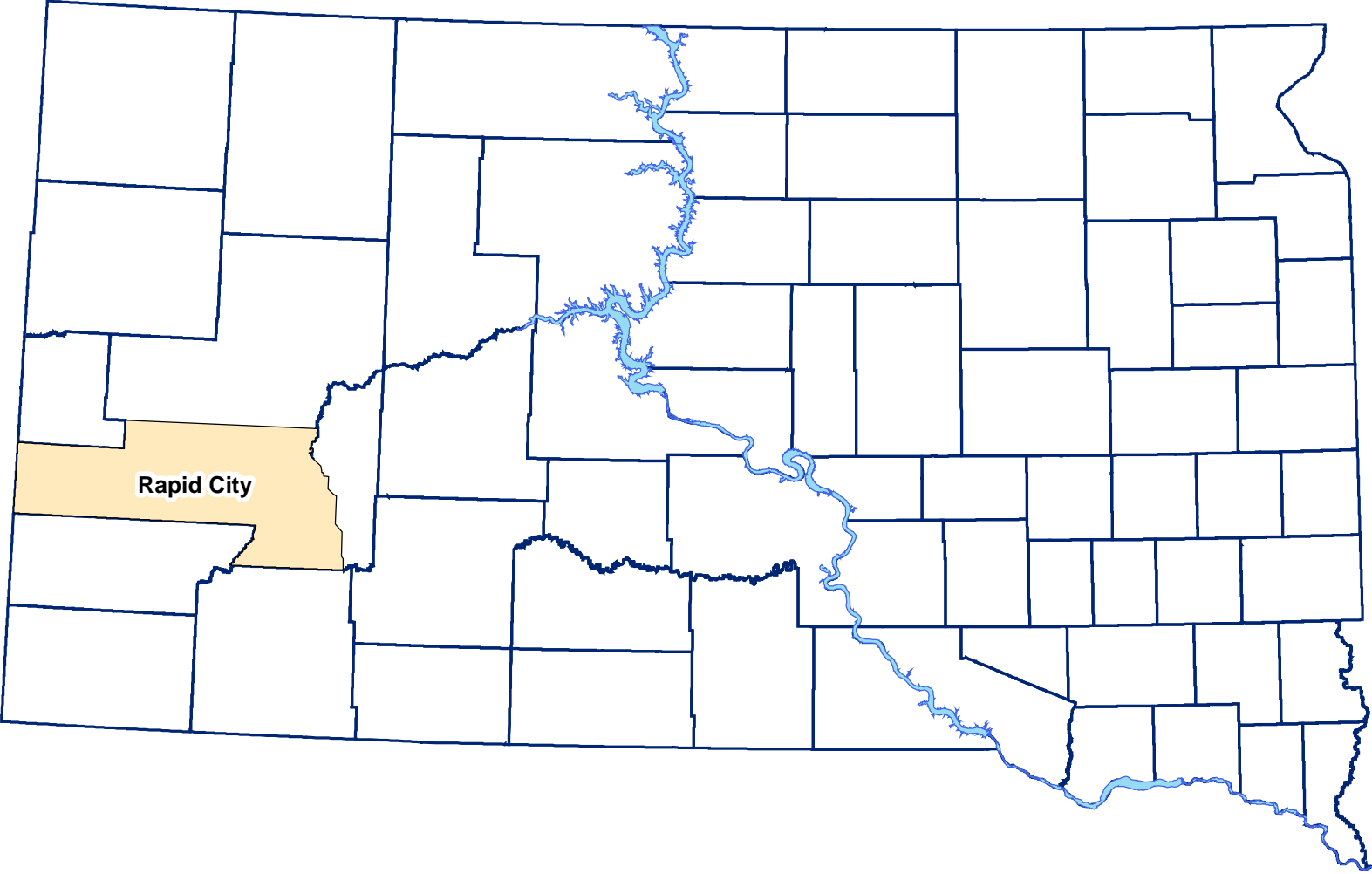
a. Rapid City

COMPLETE APPLICATIONS: The application cover sheet and summary sheet with a financial analysis has been provided as part of the board packet. The complete application is available online and can be accessed by typing the following address in your internet browser:

<http://denr.sd.gov/bwnrapps/BWNRappsOther0619.pdf>

If you would like a hard copy of the application, please contact Drew Huisken at (605) 773-4216.

Solid Waste Management Program Funding Applications



Solid Waste Management Program Application

Applicant
City of Rapid City, Solid Waste Division

Proposed Funding Package

Address
300 Sixth Street
Rapid City SD 57701

SWMP Funds: \$1,499,119

Local Cash: \$0

Other: _____

Other: _____

Other: _____

Phone Number 605-355-3496

Total Project Cost: \$1,499,119

Project Title: Machinery: Windrow turner, Bailer, MRF Loader, 65 gallon recycling containers

Description:

New Windrow Turner
Baling Press
MRF Loader
65 Gallon Recycling Containers (648 quantity)

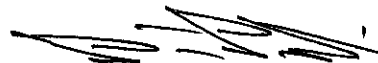
The Applicant certifies that:

I declare and affirm under the penalties of perjury that this application has been examined by me, and to the best of my knowledge and belief, is in all things true and correct.

Steven Pauli

Solid Waste Superintendent

Name and Title of Authorized Signatory (Typed)



Signature

3/26/19

Date

FUNDING REQUEST EVALUATION FORM
SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATION
APPLICANT: CITY OF RAPID CITY

Project Title: 2019 Equipment Purchases

Funding Requested: \$1,499,119

Other Proposed Funding: None

Total Project Cost: \$1,499,119

Project Description: The City of Rapid City wishes to purchase a compost windrow turner, a baler for recyclable materials, and a wheel loader at its Municipal Recycling Facility (MRF). The existing equipment is more than 20 years old and has exceeded its useful life.

Rapid City is also proposing to upgrade 648 of its current residential recycling containers from 35-gallon to 65-gallon receptacles.

Type: Recycling

Service Population: 125,500

Financial & History Information: On June 28, 2018, Rapid City received a \$1,000,000 grant at 22.0 percent of total project costs to construct an additional cell at their regional landfill.

On March 28, 2014 Rapid City was awarded a \$1,500 grant to purchase recycling bins to be used at city events.

On June 28, 2013 Rapid City was awarded \$400,000 in SWMP grants for front-end upgrades to its landfill site including an automated scale for commercial haulers and separate in-bound and out-bound scales for private citizens and for a secured 24-hour drop-off area for recyclables and yard waste to allow after hours use of these services by citizens

Implementation Schedule: Rapid City plans to purchase all the equipment between July and September of 2019.

Fees: \$59.00 per ton of Municipal Solid Waste

Engineering Review Completed By: Drew Huisken

Financial Review Completed By: Stephanie Riggle

June 27, 2019

Item 13

TITLE: DENR Water Quality Monitoring Access Portal Demonstration

EXPLANATION: The Water Quality Monitoring Access Portal (WQMAP) is a web-mapping application that provides users with online access to water quality monitoring data, beneficial use support status as described in the South Dakota Integrated Report for Surface Water Quality, information about ongoing water quality projects, and links to water quality reports. The Portal is located at the following weblink: <https://apps.sd.gov/NR92WQMAP>

CONTACT: Jesse Wilkens 605-773-4046