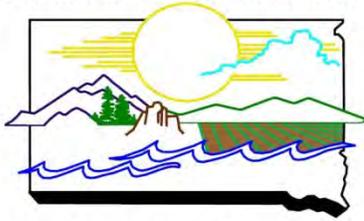


South Dakota Department of
Environment and Natural Resources



Protecting South Dakota's Tomorrow ... Today

**BOARD OF WATER
AND NATURAL RESOURCES**

March 27, 2018

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

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>

AGENDA

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

March 27, 2018

1:00 p.m. CDT

1. Call meeting to order
2. Approve agenda
3. Approve minutes of the January 4, 2018, meeting
4. Perkins Coie LLP Conflict Waiver Request for Simultaneous Representation of South Dakota Conservancy District and City of Sioux Falls – Mike Perkovich
5. Amendments to State Water Plan and 2018 Clean Water State Revolving Fund and 2018 Drinking Water State Revolving Fund Intended Use Plans — Andy Bruels
 - a. Bowdle (Water)
 - b. Bowdle (Wastewater)
 - c. Butte-Meade San. Water Dist.
 - d. Colome
 - e. Gayville
 - f. Geddes
 - g. Grenville
 - h. Leola
 - i. Marion
 - j. Mitchell
 - k. Presho
 - l. Sheridan Lake Highlands HOA
 - m. Tea (85th Street Meter Building)
 - n. Tea (93rd Street Sanitary Sewer)
6. Amendments to 2017 Drinking Water State Revolving Fund Intended Use Plan — Andy Bruels
7. Amendments to 2016 Drinking Water State Revolving Fund Intended Use Plan — 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.

8. Sanitary/Storm Sewer Facilities Funding Applications—Mike Perkovich
 - a. Lake Byron Sanitary District (12)
 - b. Crooks (12)
 - c. Dell Rapids (10)
 - d. Humboldt (10)
 - e. Philip-Stormwater (8)
 - f. Philip-Wastewater (8)
 - g. Presho (7)
 - h. Cavour (6)
9. Drinking Water Facilities Funding Applications—Andy Bruels
 - a. Clark Rural Water System (137)
 - b. Sioux Rural Water System (117)
 - c. Oelrichs (87)
 - d. Ree Heights (67)
 - e. Lake Norden (53)
 - f. Humboldt (14)
 - g. Bridgewater (13)
 - h. Dell Rapids (11)
 - i. Crooks (10)
10. Solid Waste Management Funding Application—Andy Bruels
 - a. Black Gold Biochar, LLC
11. Colman Request to Amend Consolidated Water Facilities Construction Program Grant 2016G-102—Andy Bruels
12. Sioux Rural Water System Request to Amend the scope of Drinking Water State Revolving Fund Loan C462433-01 and Consolidated Water Facilities Construction Program Grant 2016G-106 — Eric Meintsma
13. Westport Request to Amend funding and scope of Clean Water State Revolving Fund Loan C461409-01 and Consolidated Water Facilities Construction Program Grant 2017G-101 — Eric Meintsma
14. Legislative Update—Jim Feeney
15. Board of Water and Natural Resources State Fiscal Year 2019 Meeting Schedule—Mike Perkovich
16. June 28-29, 2018, Meeting
17. Adjourn

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Minutes of the
Board of Water and Natural Resources Meeting

January 4, 2018
1:00 p.m. CST

Conducted via the Digital Dakota Network

Northern State University
Aberdeen, SD

Department of Transportation
Brookings, SD

Mitchell Technical Institute
Mitchell, SD

Capitol Building
Pierre, SD

Rapid City Emergency Operations Center
Rapid City, SD

University Center
Sioux Falls, SD

University of South Dakota
Vermillion, SD

Department of Environment and Natural Resources
Watertown, SD

CALL MEETING 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, Gene Jones, Jr., Todd Bernhard, Jackie Lanning, Paul Goldhammer, Jerry Soholt, and Dr. Paul Gnirk.

BOARD MEMBERS ABSENT: None

OTHERS: See attached sign-in sheets.

APPROVE AGENDA: There were no changes to the posted agenda. Chairman Johnson approved the agenda.

APPROVE MINUTES OF THE NOVEMBER 9, 2017, MEETING: Motion by Gnirk, seconded by Bernhard, to approve the minutes of the November 9, 2017, Board of Water and Natural Resources meeting. A roll call vote was taken, and the motion carried unanimously.

PUBLIC HEARING TO ADOPT BROWNFIELDS REVITALIZATION AND ECONOMIC DEVELOPMENT PROGRAM WORK PLAN: Chairman Johnson opened the public hearing at 1:05 p.m.

The purpose of the hearing was to receive public input and adopt the FFY 2018 Brownfields Revitalization and Economic Development Program work plan. The primary purpose of the work plan is to identify Brownfields projects to be funded through the Brownfields Revolving Loan Subfund and Brownfields Assessment and Cleanup Subfund and amounts available to fund such projects.

Kim McIntosh, DENR Ground Water Quality Program, presented and discussed the proposed FFY 2018 Brownfields Revitalization and Economic Development work plan.

Each year the department receives funds from EPA for the development and enhancement of a state Brownfields program.

DENR currently has no funds available to capitalize the Revolving Loan Subfund. Limited funding is available for the Assessment and Cleanup Subfund. These funds will be used by the department to hire contractors to perform assessment and cleanup work on eligible Brownfields sites. The work plan includes a list of Brownfields assessment and cleanup projects to be funded.

For FFY 2018, the department received \$470,000 from EPA for the Brownfields Program.

Notice of the public hearing was published in the Aberdeen American News, Rapid City Journal, and Pierre Capital Journal. The notice is also available on the Department of Environment and Natural Resources' website. Copies of the work plan have been provided to those parties requesting a copy.

Ms. McIntosh noted that no written public comments were submitted after publication of the notice.

Chairman Johnson requested public testimony regarding the proposed work plan. There were no public comments.

Ms. McIntosh requested adoption of the work plan.

Motion by Gnirk, seconded by Lanning, to adopt the FFY 2018 Brownfields Revitalization and Economic Development Program work plan. A roll call vote was taken, and the motion carried unanimously.

SELECTION OF A CONTRACT SERVICE FOR CAPACITY DEVELOPMENT OF PUBLIC WATER AND WASTEWATER SYSTEMS: Jon Peschong reported that on November 9, 2017, the board authorized the advertisement of a Request for Proposals to provide capacity development for public water and wastewater systems. The department received two proposals by the December 8, 2017, deadline.

The proposals from Project Solutions and Midwest Assistance Program were reviewed by the board-appointed committee of Vice Chairman Gene Jones, Jackie Lanning and Jerry Soholt, and staff from DENR and the Attorney General's Office. After evaluating the proposals based on the criteria outlined in the Request for Proposals, both the board-appointed committee and staff recommended that Midwest Assistance Program be selected as the successful respondent.

The board currently has a contract with Midwest Assistance Program for public water capacity development services. This contract terminates on June 30, 2018. Section 9 of the contract states that the agreement may be terminated by either party upon a thirty day written notice. A letter was sent on November 14, 2017, notifying Midwest Assistance Program that the board authorized a Request for Proposals for a new contract, and that the letter served as notification to terminate the current contract.

A new contract between Midwest Assistance Program and the board has been drafted and reviewed by legal counsel and Midwest Assistance Program. The contract period will be through January 2021 with the option to extend the contract for three additional years. The hourly rate in the first year will be \$75.00, \$76.50 in the second year, and \$78.00 in the final year. The total contract amount will not exceed \$300,000, of which \$225,000 is funded by the Drinking Water State Revolving Fund capitalization grant set-asides for water system capacity development and \$75,000 is funded by administrative fees from Clean Water State Revolving Fund loans for wastewater system capacity development. The total billable amount is not to exceed \$100,000 per year.

Staff recommended the board authorize termination of the current contract with Midwest Assistance Program and approve a resolution authorizing the board chairman to sign a new contract with Midwest Assistance Program to provide assistance in capacity development for public water and wastewater systems.

Motion by Gnirk, seconded by Jones, to authorize the termination of Contract #2018-02 with Midwest Assistance Program and to adopt **Resolution No. 2018-01** approving the South Dakota Consulting Contract between the Board of Water and Natural Resources and Midwest Assistance Program in an amount not to exceed \$300,000 for water and wastewater capacity development services. A roll call vote was taken, and the motion carried unanimously.

SECTION 319 APPLICATIONS: Jim Feeney provided background information on the Section 319 Program, an overview of Section 319 funding levels in past years, and the amount anticipated for FFY 2018.

The Board of Water and Natural Resources is the designated entity that provides the state's Section 319 nonpoint source project funding recommendations to EPA. The board considers the funding recommendations of the Nonpoint Source (NPS) Task Force and DENR staff.

The 2018 Clean Water SRF Intended Use Plan authorized the use of \$900,000 in administrative surcharge fees for Water Quality grants to supplement the Consolidated and Section 319 programs for wastewater treatment and TMDL implementation projects. Staff anticipates receiving \$2,631,000 in 319 funds, which is at the same level as last year's allocation.

The DENR and NPS Task Force recommendations summarized in the table included in the board packet reflect both the anticipated FFY 2018 Section 319 federal funding allocation and \$150,000 in Clean Water SRF Water Quality grant awards. The department proposes to use \$770,000 for administration of the NPS program, which leaves \$2,011,000 for pass through grants.

Barry McLaury presented the three applications and recommended funding levels.

Belle Fourche River Watershed Implementation Project - Segment 8 (Amendment)

Total Cost: \$2,536,900

319 Grant Request: \$250,000

The project sponsor is Belle Fourche River Watershed Partnership. This two-year project is the eighth segment that addresses seven Total Maximum Daily Loads (TMDLs). Activities planned for this segment will implement Best Management Practices (BMPs) that reduce E. coli and Total Suspended Solid pollutants. BMPs include irrigation sprinkler systems, grazing management systems, riparian vegetation improvements, improved cropping systems, and relocation of livestock feeding areas. The Segment 8 Amendment proposes additional funds to increase BMP installments in the watershed.

DENR Recommendation: \$250,000 as requested.

DENR recommended this increase in funding be used for installation of BMPs in the watershed and not to exceed \$200,000 for irrigation projects in the Horse Creek Watershed, as stated in the original project budget.

Big Sioux River Watershed Implementation Project - Segment 3 (Amendment)

Total Cost: \$12,222,056

319 Grant Request: \$1,100,000

The project sponsor is the Moody County Conservation District. The Big Sioux River Watershed Project is a multi-year TMDL implementation strategy that will be completed in multiple segments and parts. The project will restore and/or maintain the water quality of the Big Sioux River and its tributaries to meet the designated beneficial uses by implementing BMPs such as seasonal riparian area management, animal waste management systems, grazing management systems, bank stabilization, and perpetual easements. The current project is focused on further reducing loadings from animal feeding operations, overland sediment

transport and expanding ongoing project activities. It also extends water quality monitoring, begun under Segment 1, through 2020.

DENR Recommendation: \$611,000 in funding.

The recommended a reduction in funding based on available 319 funds. DENR recommended the sponsor continue to access the city of Sioux Falls' Clean Water SRF Nonpoint Source Incentive loan funding to make up for the reduced Section 319 funding level.

South Central Watershed Implementation Project - Segment 1 (Amendment)

Total Cost: \$13,243,092

319 Grant Request: \$1,300,000

The project sponsor is the James River Water Development District. This three-year project is the first segment of a locally planned multi-year (10-15 year) effort to implement BMPs in the Lewis and Clark Lake, Lake Andes, Geddes, and Platte Lake watersheds, impaired stretches of the Lower James River tributaries, and impaired reaches in the Vermillion River watershed. BMPs implemented include animal waste management systems, seasonal riparian area management, riparian buffers, grazing management systems, and cropland/grassland management practices. This effort is aimed at restoring water quality to meet designated beneficial uses and address TMDLs already established and to be established for waterbodies in these watersheds.

DENR Recommendation: \$1,150,000 (\$1,000,000 in Section 319 funds and \$150,000 Water Quality Grant).

The department's recommendation is based on available 319 funds. DENR recommends the sponsor continue to work with the Natural Resources Conservation Service and other funding partners to help make up the reduced Section 319 funding level.

Jay Gilbertson, chairman of the NPS Task Force, stated that on December 12, 2017, the NPS Task Force met and voted to concur with the DENR funding recommendations.

Mr. Gilbertson answered questions from the board members.

Mr. McLaury requested separate board actions to provide for the awards from the Clean Water SRF Water Quality grant funding source and to provide the state 319 funding recommendations to EPA.

Motion by Gnirk, seconded by Goldhammer, to concur with the funding recommendations of DENR and the Nonpoint Source Task Force, and to authorize the department to forward the FFY 2018 Section 319 funding recommendations to EPA with adjustments to final federal funding levels. A roll call vote was taken, and the motion carried unanimously.

Motion by Bernhard, seconded by Lanning, to authorize DENR to enter into a grant agreement with the James River Water Development District in the total amount of \$150,000 in Clean Water SRF administrative surcharge fees pursuant to the 2018 Clean Water SRF Intended Use

Plan, contingent upon the 2018 Legislature authorizing the required budget authority for the award. A roll call vote was taken, and the motion carried unanimously.

SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION: Mike Perkovich discussed available funds for the Consolidated Water Facilities Construction Program and State Revolving Fund programs.

A map showing the location of the applicants requesting funding was included in the board packet.

Mr. Perkovich presented the Sanitary/Storm Sewer Facilities applications and staff recommendations for funding.

Sioux Falls requested funding for upgrades to the storm sewer system in the drainage basin bounded by Interstate I-29 to Marion Road and 41st Street to 47th Street. The purpose of the project is to reduce overland flow on Marion Road and the neighborhood to the east during major storm events by constructing an underground storm water retention system. The retention system will utilize corrugated metal pipe and provide 17 acre-feet of storage. Approximately 4,000 feet of reinforced concrete pipe ranging in size from 24 to 48 inches will need to be installed.

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 February 2018 with project completion in July 2019.

The estimated total project amount is \$11,330,540 and the amount requested is \$8,829,000 (\$429,000 for Nonpoint Source activities and \$8,400,000 for the storm water project).

Staff recommended awarding an \$8,829,000 Clean Water SRF loan at the nonpoint source incentive interest rate of 1.0 percent for 10 years, which will consist of two bond series – one in the amount of \$8,400,000 for the storm water improvements and one in the amount of \$429,000 for the nonpoint source component.

Sioux Falls has pledged drainage fees for repayment of the loan. The drainage fee is \$47.76 per residence per year based on a 7,500 square foot lot. Staff analysis indicates that the drainage fees will provide 648 percent coverage.

Staff recommended the loan being awarded contingent upon the borrower adopting two bond resolutions and the resolutions becoming effective, and with the 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.

Shannon Ausen, city of Sioux Falls, discussed the project.

Motion by Soholt, seconded by Lanning, to adopt **Resolution No. 2018-02** approving a Clean Water State Revolving Fund loan to the **city of Sioux Falls** up to a maximum committed amount of \$8,829,000 consisting of two bond series, one in the amount of \$8,400,000 for the storm water improvements and one in the amount of \$429,000 for the nonpoint source component at the nonpoint source incentive interest rate of 1.0 percent for 10 years; 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, and with the 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. A roll call vote was taken, and the motion carried unanimously.

Tyndall requested funding to replace old clay sewer lines and manholes on three blocks of Maple Street which is being reconstructed as part of a Department of Transportation Community Access Grant project.

Tyndall anticipates bidding the project in February 2018 with project completion in September 2018.

The estimated total project amount is \$374,460 and the amount requested is \$374,000.

Wastewater rates in Tyndall were recently raised from \$27 per month for 5,000 gallons usage to \$45 per month for 5,000 gallons usage.

Staff recommended awarding a \$374,000 Clean Water SRF loan at 2.25 percent interest for 20 years.

Tyndall is pledging system revenues for repayment of the loan. Staff analysis indicates coverage of 195 percent with the revenues expected from the rate increase. In 2016, with rates at \$27 per month for 5,000 gallons, the wastewater fund generated a surplus of \$30,800. This would have provided 132 percent coverage; therefore, the recent rate increase was unnecessary.

Staff recommended the loan being awarded contingent upon the borrower adopting a bond resolution and the resolution becoming effective.

Motion by Goldhammer, seconded by Jones, to adopt **Resolution No. 2018-03** approving a Clean Water State Revolving Fund loan to the **city of Tyndall** up to a maximum committed amount of \$374,000 at 2.25 percent interest for 20 years; 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. A roll call vote was taken, and the motion carried unanimously.

WATERSHED RESTORATION PROJECT FUNDING APPLICATION: Mr. Perkovich presented the application and staff recommendation for funding.

James River Water Development District requested funding for the South Central Watershed Implementation Project - Segment 1. This effort is aimed at restoring water quality to meet designated beneficial uses and address established TMDLs, and those to be established at a later date, for water bodies in these watersheds.

The estimated project amount is \$13,243,000 and the amount requested is \$275,000.

Staff recommended awarding a consolidated grant for 15 percent of a project cost of \$1,833,333 not to exceed \$275,000.

The Consolidated grant will provide 15 percent cost share for the design and construction of up to eight animal waste management systems. This consolidated award will continue leveraging a \$1.5 million USDA Regional Conservation Partnership Program grant that requires 50 percent nonfederal cost share.

Mr. Feeney, Mr. McLaury, and Rocky Knippling, James River Water Development District, answered questions from the board.

Motion by Bernhard, seconded by Sohlt, to adopt **Resolution No. 2018-04** approving the South Dakota Consolidated Water Facilities Construction Program grant agreement to the **James River Water Development District** for up to 15 percent of approved total project costs not to exceed \$275,000 for the South Central Watershed Implementation – Segment I project. A roll call vote was taken, and the motion carried unanimously.

Mr. Perkovich noted that after the award of Consolidated funding today, approximately \$1,000,000 will be carried over into the upcoming funding year.

SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATIONS: Drew Huisken discussed available funding for the Solid Waste Management Program.

Mr. Huisken presented the Solid Waste Management Program applications and the staff recommendations for funding. A map showing the location of the projects was included in the board packet.

Brown County is proposing to construct a landfill cell at its regional landfill to ensure continuing operation. The existing cell is nearing full capacity. Brown County Landfill currently serves over 35,000 people in a four-county area. No new areas will be served as a result of this project.

The estimated total project cost is \$2,474,350 and the funding request is for \$1,237,175.

Current fees for the Brown County Landfill are \$38.00 per ton for municipal solid waste.

Construction is expected to begin in summer 2018 with completion sometime in 2019.

Staff recommended awarding a Solid Waste Management Program grant at 19.9 percent of the total project cost not to exceed \$490,000. Brown County has indicated that they are not interested in a loan and are only seeking grant funding for this project. The grant award is consistent with the percentages of other landfill expansion projects which are typically around 15 to 25 percent of project costs.

Staff analysis indicates that Brown County has sufficient funds to cover the remainder of the project.

Mike Scott, Brown County Landfill manager, answered questions from the board.

Motion by Gnirk, seconded by Jones, to adopt **Resolution No. 2018-05** approving the Solid Waste Management Program grant agreement to **Brown County** for up to 19.9 percent of approved total project costs not to exceed \$490,000 for the Brown County Landfill cell project. A roll call vote was taken, and the motion carried unanimously.

Vermillion operates a curbside recycling program that serves 2,500 single-family units and several multi-family units. The curbside program usually collects 180 tons of co-mingled products including plastics, tin, magazines, paper, and cardboard.

Collection is currently done using a pickup and a recycling trailer. The current recycling trailer, which was purchased in 2009, is in poor condition and needs to be replaced. This replacement will allow Vermillion to continue operating the curbside program effectively and reduce any increased down time caused by the current trailer's condition.

The total project cost is \$22,800 and the funding requested is \$20,000.

Current fees for the curbside program in Vermillion are \$3.70 per customer per month.

Staff recommended awarding a Solid Waste Management Program loan of \$10,000 at 2.0 percent interest for five years, and awarding a Solid Waste Management Program grant up to 50 percent of a total project cost of \$20,000 not to exceed \$10,000. Vermillion has indicated that they are interested in a loan. The recommended grant and loan award is consistent with previous awards for curbside collection projects.

Vermillion has pledged curbside recycling revenue for repayment of the loan. Staff analysis indicates that Vermillion has 331 percent debt coverage based on projected revenues, which exceeds the required coverage of 100 percent.

Staff recommended the loan being contingent upon the borrower adopting a bond resolution and the resolution becoming effective.

Bob Iverson, city of Vermillion, answered questions from the board.

Motion by Lanning, seconded by Jones, to adopt **Resolution No. 2018-06** approving a Solid Waste Management Program loan to the **city of Vermillion** in an amount not exceeding \$10,000

at 2.0 percent interest for five years; and to adopt **Resolution No. 2018-07** approving the Solid Waste Management Program grant to the **city of Vermillion** for up to 50 percent of approved total project costs not to exceed \$10,000 for the Vermillion Curbside Collection Trailer Replacement project. A roll call vote was taken, and the motion carried unanimously.

Watertown is proposing to install ditches, culverts, and erosion control structures such as rip-rap and silt fences on the northern portion of its landfill facility to adequately channel storm water to the landfill's detention basins.

Sediment from existing storm water detention ponds will be excavated to increase storage volumes, and existing storm water ditches will be re-graded. The proposed project will also modify a perimeter access road between cells #1 and #2. Additionally, the project will fund the design of site-wide storm water improvements to account for interim waste filling operations above grade, final landfill cover, and final facility build-out conditions.

The Watertown landfill has inadequate infrastructure to handle storm water drainage within the facility and is seeking to construct these improvements in order to remain in compliance with Subtitle D regulations. Leachate produced by storm water intrusion into the waste disposal cells will be reduced by the proposed improvements.

The Watertown Regional landfill currently serves 41,000 people in a multi-county area.

The total project cost is \$540,000 and the funding requested is \$270,000

Current fees for the Watertown Regional Landfill are \$37.50 per ton for municipal solid waste.

Construction is expected to begin in May 2018 with completion in September 2018.

Staff recommended awarding a Solid Waste Management Program loan for \$108,000 at 2.0 percent interest for seven years, and awarding a Solid Water Management Program grant for up to 30.0 percent of total project costs not to exceed \$162,000.

Watertown has pledged landfill revenue for repayment of the loan. Staff analysis indicates that Watertown has 250 percent debt coverage based on projected revenues, which exceeds the required coverage of 100 percent.

Staff recommended the award being contingent upon the borrower adopting a bond resolution and the resolution becoming effective.

Mike Boerger, city of Watertown, answered questions from the board.

Motion by Goldhammer, seconded by Bernhard, to adopt **Resolution No 2018-08** approving a Solid Waste Management Program loan to the **city of Watertown** in an amount not exceeding \$108,000 at 2.0 percent interest for seven years; and to adopt **Resolution No. 2018-09** approving the Solid Waste Management Program grant to the **city of Watertown** for up to 30 percent of approved total project costs not to exceed \$162,000 for Watertown Landfill Storm Water Improvements project. A roll call vote was taken, and the motion carried unanimously.

Mr. Huisken provided an overview of available funds for the next funding round.

FFY 2017 CLEAN WATER SRF ANNUAL REPORT: Lukus Leidholt presented the FFY 2017 Clean Water SRF annual report. He pointed out updates that were made to amounts on the title page that was sent to the board in the board packet.

Mr. Leidholt reported that the South Dakota Conservancy District is required to submit an annual report to EPA for the Clean Water SRF. The FFY 2017 report follows the same format as previous years and discusses activity from October 1, 2016, to September 30, 2017.

Highlights of FFY 2017 Clean Water SRF funding include the following:

- a. Twenty five Clean Water SRF loans were awarded for total funding of \$57,887,125.
- b. Three loans received principal forgiveness in the aggregate total of \$1,765,000.
- c. Loan repayments totaled more than \$29.2 million dollars, with \$22.5 million in principal, \$5.4 million in interest, and \$1.3 million in administrative surcharge.

Staff recommended the board approve the draft annual report for the Clean Water SRF program and authorize staff to finalize and distribute the report.

Motion by Gnirk, seconded by Soholt, to approve the draft annual report for the Clean Water SRF program and authorize staff to finalize and distribute the report. A roll call vote was taken, and the motion carried unanimously.

FFY 2017 DRINKING WATER SRF ANNUAL REPORT: Mr. Leidholt presented the FFY 2017 Drinking Water SRF annual report. He pointed out updates that were made to amounts shown on the title page that was sent to the board in the board packet.

Mr. Leidholt reported that the South Dakota Conservancy District is required to submit an annual report to the EPA for the Drinking Water SRF. The FFY 2017 report follows the same format as previous years and discusses activity from October 1, 2016, to September 30, 2017.

Highlights of FFY 2017 Drinking Water SRF funding include the following:

- a. Sixteen Drinking Water SRF loans and two loan amendments were awarded for total funding of \$51,777,500.
- b. Four loans received principal forgiveness in the aggregate total of \$1,045,000.
- c. Loan repayments totaled more than \$15.6 million dollars, with \$10.8 million in principal, \$3.8 million in interest, and \$1.0 million in administrative surcharge.

Staff recommended the board approve the draft annual report for the Drinking Water SRF program and authorize staff to finalize and distribute the report.

Motion by Bernhard, seconded by Lanning, to approve the draft annual report for the Drinking Water SRF program and authorize staff to finalize and distribute the report. A roll call vote was taken, and the motion carried unanimously.

REQUEST TO AMEND LAKE POINSETT SANITARY DISTRICT PROJECT SCOPE: Mr. Huisken reported that in March 2014, the board awarded a \$1,917,000 Clean Water SRF loan, a \$1,000,000 Consolidated Water Facilities Construction Program grant, and an \$812,000 Clean Water SRF Water Quality grant to the Lake Poinsett Sanitary District for construction of an extension of the wastewater system to the east and northeast sides of Lake Poinsett and construction of a new treatment pond system in the same area. An additional 100 users will be connected to the Lake Poinsett Sanitary District wastewater collection system as a result of this project. Construction for this project is nearly finished, and the Lake Poinsett Sanitary District anticipates having an excess in funding of approximately \$1,000,000.

On December 6, 2017, the department received a letter from Lake Poinsett Sanitary District requesting to amend the scope of the current project to include a sewer extension project in the Pier 81 area and for rehabilitation of several lift stations.

The sewer extension project will include installing sanitary sewer main in a new area to serve a residence, business, and proposed campground. Rehabilitation of Lift Stations 5,6,7,8 and 11 includes improvements to the wet wells, pumps, control panels, and other appurtenances. These improvements are expected to increase the useful life of the lift stations and lower operation and maintenance costs.

Staff recommended approval of the First Amendment to the Clean Water SRF Loan C461027-04, Consolidated Water Facilities Construction Program Grant 2015G-102, and Clean Water SRF Water Quality Grant 2015G-WQ-100, changing the scope to include the described projects.

Mr. Huisken answered questions from the board.

Motion by Jones, seconded by Sohlt, to adopt **Resolution No. 2018-10** approving the first amendment to the **Lake Poinsett Sanitary District** Clean Water SRF loan authorizing the use of the remaining loan proceeds to pay a sewer extension project in the Pier 81 area and for rehabilitation of several lift stations; to adopt **Resolution No. 2018-11** approving the first amendment to the Consolidated Water Facilities Construction Program grant agreement for up to 26.9 percent of all approved total project costs not to exceed \$1,000,000 amending the project scope to include a sewer extension project in the Pier 81 area and for rehabilitation of several lift stations; and to adopt **Resolution No. 2018-12** approving the first amendment to the SRF Water Quality grant agreement amending the project scope to include a sewer extension project in the Pier 81 area and for rehabilitation of several lift stations. A roll call vote was taken, and the motion carried unanimously.

REQUEST TO AMEND TC&G WATER ASSOCIATION, INC. FUNDING PACKAGE: Mr. Huisken reported that in June 2015, the board awarded a \$210,000 Drinking Water SRF loan and a \$1,390,000 Consolidated grant to the TC&G Water Association. These funds were for the replacement of 140 water meters, installation of a new booster station, and replacement of 94,000 feet of 2-to 5-inch PVC and 6-inch ductile iron pipe throughout the system with 6-inch PVC water main.

On March 30, 2017, the board amended the loan to include \$775,000 in additional loan funding for work to add 10 users to the system which included 40,000 feet of water line, improvements to the east booster station, an upsize in a primary transmission pipe, and meter installations. This additional work brought the total project costs to \$2,890,000.

On November 29, 2017, the department received a letter from TC&G Water Association requesting additional funding assistance in the amount of \$500,000. TC&G opened bids for its water system expansion project on September 21, 2017. Bids were competitive and very close to the estimated price, but additional funding is still required to complete the project. The updated overall budget for the project is now estimated at \$3,390,000.

TC&G and their consulting engineer met with Central SD Enhancement District and DENR staff and decided that amending the current funding package would save time and be preferable over submitting an additional application. Therefore, TC&G Water Association has requested that an additional \$500,000 in funds be amended onto their current funding package.

If all funding is provided as loan, it is expected that TC&G will have to increase revenue by 10 percent to cover the \$500,000 in additional funding. However, the additional 10 customers that are being added to the system are projected to increase water sales to provide an estimated coverage of over 130%, which exceeds the required 110 percent.

Staff recommended approval of the first amendment to Drinking Water SRF Loan C462479-01, resulting in a loan of \$1,485,000 at 2.25 percent interest for 30 years contingent upon the borrower adopting a resolution approving the first amendment of the loan agreement, the promissory note, and the pledge of system revenues as repayment for the loan, and contingent upon the borrower approving a security agreement and mortgage.

Motion by Jones, seconded by Lanning, to adopt **Resolution No. 2018-13** approving amendment of Drinking Water SRF Loan C462479-01 for **TC&G Water Association, Inc.** increasing the loan amount to \$1,485,000 at 2.25 percent interest for 30 years contingent upon the borrower adopting a resolution approving the first amendment of the loan agreement, the promissory note, and the pledge of system revenues as repayment for the loan, and contingent upon the borrower approving a security agreement and mortgage. A roll call vote was taken, and the motion carried unanimously.

REQUEST TO RESCIND HOWARD CLEAN WATER SRF LOAN C461127-01: Mr. Perkovich reported that on March 27, 2015, the board awarded a \$1,764,000 Clean Water SRF loan to the city of Howard for televising of its wastewater collection system and to expand the city's wastewater treatment facility.

On June 25, 2015, the board amended the loan amount down to \$979,000 at the city of Howard's request. The original project has not moved forward since that date. The loan has not been closed, and no eligible project costs have been incurred.

On October 23, 2017, the department received a letter from the city of Howard indicating that they are declining the loan. The letter indicates that the city of Howard funded the cleaning and televising of its wastewater system with city funds, and the city does not believe that a lagoon

expansion is necessary at this time. The city of Howard explains that because of a decreasing population and the withdrawal of a proposed beef packing plant that the city can operate its facility successfully through aeration and chemical treatment, and the proposed expansion is not necessary.

On November 28, 2017, the department's Surface Water Quality Program sent a letter to the city of Howard indicating disagreement with the city's position that it can operate the system and meet the requirements of the Surface Water Discharge Permit. The letter from the Surface Water Quality Program notes violations of several of the limits that have occurred and are anticipated to continue without an expansion of the wastewater treatment system. Of particular note, the city of Howard has a new limit on ammonia of 10.1 milligrams per liter, which the department believes will be difficult to meet without improvements to the treatment system. These ammonia limits have been set due to the receiving waters being a habitat for the Topeka Shiner, an endangered species.

This letter also urges the city to reconsider rescinding the loan, as DENR anticipates that this funding will be essential to construct a facility that can meet the limits of Howard's Surface Water Discharge Permit. The letter from DENR requests a letter to withdraw the proposed loan rescission as well as adjust the compliance schedule for Howard's wastewater treatment system. No such letter has been received.

Staff requested that the board rescind Resolution No. 2015-66 which approved the \$979,000 Clean Water SRF loan to the city of Howard.

No representatives of the city of Howard were present at the board meeting.

Mr. Perkovich answered questions from the board.

Motion by Goldhammer, seconded by Bernhard, to rescind Resolution No. 2015-66, which approved Clean Water State Revolving Fund Loan C461127-01 to the city of Howard. A roll call vote was taken, and the motion carried unanimously.

REQUEST TO RESCIND VEBLER CLEAN WATER SRF LOAN C46118-01: Andy Bruels reported that on June 22, 2017, the board awarded a \$1,387,000 Clean Water State Revolving Fund loan to the city of Veblen for a wastewater system improvements project. Veblen was also awarded a \$750,000 Community Development Block Grant to fund this project. This project was to clean and televise Veblen's entire sewer system to identify pipe condition and potential causes of infiltration and inflow. Based on the results of the cleaning and televising, the city would have either replaced or relined most of the collection system and some services through a combination of open-cut pipe replacement and cast-in-place pipe relining. A gravel access road would also have been built to the three existing treatment ponds for improved access, and the treatment ponds were to be rip-rapped and a new lid installed for the lift station that conveys water to the treatment ponds.

On October 26, 2017, the department received a letter from Veblen declining the Clean Water SRF loan. The town stated the repair of the sewer lines remained a priority and that they were pursuing some repairs with local funds. Veblen does not believe that they are able to afford the

cost of the entire project and the resulting rate increase, which was anticipated to raise rates to \$43.50 for 5,000 gallons.

A similar letter was sent to the Governor's Office of Economic Development requesting the Community Development Block Grant be de-obligated.

Staff recommended the board rescind Resolution No. 2017-78, which approved the \$1,387,000 Clean Water SRF loan to the city of Veblen.

Mr. Bruels answered questions from the board.

Motion by Lanning, seconded by Soholt, to rescind Resolution No. 2017-78 which approved Clean Water SRF loan C461186-01 to the city of Veblen. A roll vote was taken, and the motion carried unanimously.

REQUEST TO RESCIND BALCON SOLID WATER MANAGEMENT PROJECT LOAN

2018L-REC-300: Jon Peschong reported that on September 29, 2017, the board approved Resolution No. 2017-91 awarding a \$954,000 Solid Waste Management Program loan to Balcon Enterprises, Inc.

After the board meeting, draft loan documents were forwarded to Balcon and its legal counsel for review. Staff and legal counsel were later contacted about several items in the draft loan agreement including the audit requirements. At that time, Balcon requested that the audit requirements be removed from the loan agreement. DENR staff declined their request stating that it would be in the best interest of the board that the audit requirements be upheld.

On October 5, 2017, the department received an e-mail from Balcon Enterprises declining the loan. The email, which was included in the board packet, indicates that the primary reason for declining the loan was due to the high costs associated with doing biennial audits. Balcon estimated that these costs could run up to \$15,000 per biennial audit, which would cancel out any projected savings that were anticipated due to the low interest rate loan.

Mr. Peschong noted that if Balcon did bi-annual audits they would be required to complete 10 audits during the life of the loan. Staff had estimated that Balcon would receive approximately \$190,000, or about 20 percent in subsidy, with the reduced rate and term of 20 years.

Since Balcon has declined the loan, staff recommended the board rescind Resolution No. 2017-91, which approved the South Dakota Solid Waste Management Program loan agreement between the Board of Water and Natural Resources and Balcon Enterprises, Inc.

Mr. Peschong answered questions from the board.

Motion by Jones, seconded by Lanning, to rescind Resolution No. 2017-91, which approved the South Dakota Solid Waste Management Program loan agreement between the Board of Water and Natural Resources and Balcon Enterprises, Inc. A roll call vote was taken, and the motion carried unanimously.

REQUEST TO AMEND B-Y WATER DISTRICT DRINKING WATER SRF LOAN

CONTINGENCY: Mr. Peschong stated that on March 31, 2017, the board approved Resolution No. 2017-44 approving a \$4,700,000 Drinking Water SRF loan to B-Y Water District for its water treatment plant reservoir project. At that time, staff recommended a contingency that an Intercreditor Agreement be approved and executed by Cobank, Rural Utilities Service, the borrower, and the district.

B-Y Water District's loan with CoBank is an unsecured loan. The secured loan approved by the board is senior to the CoBank's unsecured loan, and therefore, no Intercreditor agreement is required with CoBank.

Staff recommended the board rescind Resolution No. 2017-44 and approve a new resolution for the same amount and terms, with the revised contingency that an Intercreditor Agreement be approved and executed by Rural Utilities Service, the borrower, and the district.

Motion by Bernhard, seconded by Gnirk, to rescind Resolution No. 2017-44 and adopt **Resolution No. 2018-14** approving a Drinking Water State Revolving Fund loan up to a maximum committed amount of \$4,700,000 at 2.5 percent interest for 30 years to the **B-Y Water District** for a water treatment plant reservoir 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, contingent upon the borrower approving a security agreement and mortgage, and contingent upon an Intercreditor Agreement being approved and executed by Rural Utilities Service, the borrower, and the district. A roll call vote was taken, and the motion carried unanimously.

IRS AUDIT NOTIFICATION AND PERKINS COIE CONTRACT AMENDMENT: Jim Feeney reported that the department received a letter dated December 15, 2017, from the Internal Revenue Service notifying DENR that it would be auditing the \$38,695,000 State Revolving Fund Program, Taxable Revenue Bond Series 2010A (Build America Bonds). Responses to a series of questions by the Internal Revenue Service are due by January 11, 2018.

The Conservancy District's bond counsel, Bruce Bonjour, Perkins Coie, LLC will prepare the responses. This task falls outside the scope of the existing contract with Perkins Coie, LLC, therefore, an amendment to the existing contract is necessary.

Staff recommended the board approve the amended Perkins Coie, LLC contract to provide additional services as bond counsel for the Conservancy District for the Internal Revenue Service examination of the Series 2010A Bonds.

Motion by Bernhard, seconded by Gnirk, to adopt **Resolution No. 2018-15** approving the amended contract for legal services with Bruce A. Bonjour of Perkins Coie for additional services as counsel for the Internal Revenue Service examination of the South Dakota Conservancy District's \$38,695,000 Taxable Revenue Bonds, Series 2010A (Build America

Board of Water and Natural Resources
January 4, 2018, Meeting Minutes

Bonds), and authorizing the board chairman to execute the agreement for legal services. A roll call vote was taken, and the motion carried unanimously.

Mr. Perkovich introduced Assistant Attorney General David McVey, who will be working with Harold Deering to provide legal services to DENR.

NEXT MEETING: The next regularly scheduled board meeting is March 28-29, 2018 in Pierre. Mr. Perkovich discussed possible agenda items.

ADJOURN: Motion by Jones, seconded by Goldhammer, that the meeting be adjourned. A roll call vote was taken, and the motion carried unanimously.

Approved this 28th day of March, 2018.

(SEAL)

Chairman, Board of Water and
Natural Resources

ATTEST:

Secretary, Board of Water and
Natural Resources

March 27, 2018

Item 4

TITLE: Perkins Coie LLP Conflict Waiver Request for Simultaneous Representation of South Dakota Conservancy District and City of Sioux Falls

EXPLANATION: Bruce Bonjour, Perkins Coie, serves as bond counsel for the Clean Water and Drinking Water State Revolving Fund programs. Mr. Bonjour is working with Sioux Falls on a bond issue.

Sioux Falls has several outstanding Clean Water and Drinking Water State Revolving Fund loans. Because of this, Mr. Bonjour is requesting the consent of the South Dakota Conservancy District (the "District") to undertake the representation of the City of Sioux Falls (the "City") in a matter in which the interests of the District and the City are potentially adverse, while continuing its representation of the District in other matters related to Clean Water and Drinking Water State Revolving Fund programs.

Legal counsel recommends that the Board, in its capacity as the District's governing body, consider the request and decide whether to authorize the Chairman to sign the consent for simultaneous representation. Independently, the South Dakota Attorney General has consented to this as well.

RECOMMENDED ACTION: Authorize Chairman to Execute Consent Letter for Perkins Coie's Simultaneous Representation of the South Dakota Conservancy District and the City of Sioux Falls.

CONTACT: Mike Perkovich
605-773-4216

January 29, 2018

South Dakota Conservancy District
c/o Jim Feeney
Joe Foss Building
523 E. Capitol
Pierre, SD 57571

Marty J. Jackley, Esq.
Attorney General
State of South Dakota
1302 East Highway 14, #1
Pierre, SD 57501

Re: Simultaneous Representation of South Dakota Conservancy District and City of Sioux Falls, South Dakota

Dear Attorney General Jackley and Chairman Johnson:

This letter will confirm that Perkins Coie LLP has received the informed consent of South Dakota Conservancy District (the "District") to undertake the representation of City of Sioux Falls, South Dakota (the "City") in matters in which the interests of the District and the City are adverse, while continuing our representation of the District in other matters.

Perkins Coie has been asked to serve the City as bond counsel in connection with the issuance of bonds to be secured by certain pledged sales taxes (collectively the "City Sales Tax Bonds") for (a) the financing of a parking ramp and (b) the refunding of sales tax bonds originally issued and sold to the public in 2007. We understand the City has previously received and may in the future seek State Revolving Fund loans (the "SRF Loan") made by the District and secured by sales taxes, and in this respect, such representation may be adverse to the District.

The City Sales Tax Bonds for which we will be bond counsel do not involve any SRF Loans. As you know, the need for this consent arises from the fact that Perkins Coie is currently representing the District with respect to various bond related matters, however, Perkins Coie has not represented the District in connection with the making of any SRF Loans to the City.

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South Dakota Conservancy District
Marty J. Jackley, Esq., Attorney General
January 29, 2018
Page 2

Under the rules governing professional responsibility and conflicts of interest, Perkins Coie may represent the City in a matter adverse to the District and simultaneously represent the District in other matters only under certain conditions. First, we must have the written consent of both clients. Second, we must reasonably believe that our representation of both clients will not be adversely affected and that we will be able to provide competent and diligent representation to each client. To the best of our knowledge, the work we are now being asked to undertake for the City is not related to any legal services Perkins Coie has performed or is performing for the District. We are confident in our ability to represent each client's interests without limitation or compromise.

In light of the foregoing, please confirm that the District consents on an informed basis, after full disclosure of the conflict of interest, to Perkins Coie's representation of the City in a matter adverse to the District and simultaneous representation of the District in other matters.

I enclose an extra original of this letter for your files. Please sign and return one original for our files.

Very truly yours,



Bruce A. Bonjour

cc: Harold Deering

The undersigned hereby consents to the representation described above.

STATE OF SOUTH DAKOTA

By: _____

Its: _____

Date: _____

SOUTH DAKOTA CONSERVANCY
DISTRICT

By: _____

Its: _____

Date: _____

March 27, 2018

Item 5

TITLE: Amendments to State Water Plan and 2018 Clean Water State Revolving Fund and 2018 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 the 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 2019.

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 February 1, 2018, deadline.

- a. Bowdle – Water
- b. Bowdle - Wastewater
- c. Butte Meade Sanitary Water District
- d. Colome
- e. Gayville
- f. Geddes
- g. Grenville
- h. Leola
- i. Marion
- j. Mitchell
- k. Presho
- l. Sheridan Lake Highlands Homeowner's Association
- m. Tea – 85th Street Meter Building
- n. Tea – 93rd Street Sanitary Sewer

March 27, 2018

Item 5

Staff is recommending that the following projects be amended onto the 2018 Clean Water State Revolving Fund Project Priority List:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
8	Bowdle	\$355,000	2.50%, 30 years
8	Tea	\$2,285,000	2.50%, 30 years
7	Presho	\$3,787,000	2.50%, 30 years
6	Marion	\$512,000	2.00%, 10 years
5	Colome	\$345,000	2.00%, 10 years
5	Gayville	\$46,000	2.00%, 10 years

Staff is recommending that the following projects be amended onto the 2018 Drinking Water State Revolving Fund Project Priority List:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
88	Geddes	\$1,927,488	2.00%, 30 years
38	Mitchell	\$14,300,232	2.25%, 30 years
33	Leola	\$2,642,000	2.00%, 30 years
28	Colome	\$1,220,360	2.25%, 30 years
17	Sheridan Lake Highlands Homeowner's Association	\$617,700	2.25%, 20 years
14	Marion	\$512,000	2.00%, 10 years
13	Gayville	\$46,000	2.00%, 10 years
12	Grenville	\$351,415	2.00%, 30 years
10	Butte Meade Sanitary Water District	\$413,000	2.25%, 30 years
9	Bowdle	\$395,000	2.25%, 30 years

RECOMMENDED ACTION: Approve amendment of projects onto the State Water Plan and 2018 Clean Water State Revolving Fund and 2018 Drinking Water State Revolving Fund Intended Use Plans

CONTACT: Andy Bruels, 773-4216

State Water Plan Applications



State Water Plan Application

Applicant: City of Bowdle Address: PO Box 553 Bowdle, SD 57428-0553 Phone Number: 605-285-6350	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Projected State Funding</td> <td style="width: 30%; text-align: right;">\$395,000</td> </tr> <tr> <td>Local Cash</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>Other: _____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>Other: _____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">\$395,000</td> </tr> </table>	Projected State Funding	\$395,000	Local Cash	_____	Other: _____	_____	Other: _____	_____	TOTAL	\$395,000
Projected State Funding	\$395,000										
Local Cash	_____										
Other: _____	_____										
Other: _____	_____										
TOTAL	\$395,000										

Project Title: Main Street Water Improvements

Description: (Include present monthly utility rate.)

The City of Bowdle had completed a Small Community Planning Grant in 2009 and is requesting to be placed on the State Water Plan for 2018. Due to the City's old water and wastewater collection system, which was constructed in the 1950's, the City is looking at improvements along their Main Street which will include work between 4th Ave and a block east of 1st Ave for both water and wastewater.

The funding request for 2017 is for \$751,000.00. There will be \$395,140.75 for water improvements and \$355,235.75 for sewer improvements. Due to bidding not probable until 2018, and construction not until 2019, the estimate can not be a guarantee of the project at the time of bidding.

The City's monthly water rate for 5,000 gallons is \$36.65 (Flat fee of \$12.15/month plus \$4.90 per 1,000 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.

Rick Boschee, Mayor

 Name & Title of Authorized Signatory
 (Typed)



 Signature

12-4-17

 Date

State Water Plan Application

Applicant: Butte Meade Sanitary Water District Address: 117 Girard Ave. Newell, SD 57760 Phone Number: 605-456-2288	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;">\$413,000</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: 3px double black;">\$413,000</td> </tr> </table>	Projected State Funding	\$413,000	Local Cash	_____	Other:	_____	Other:	_____	TOTAL	\$413,000
Projected State Funding	\$413,000										
Local Cash	_____										
Other:	_____										
Other:	_____										
TOTAL	\$413,000										

Project Title: Water Line Replacement Project

Description: (Include present monthly utility rate.)

BACKGROUND: The Butte-Meade Sanitary Water District serves a large, approx. 420 sq.-mile, rural area in Butte and Meade Counties. It also serves the Town of Fruitdale and is the backup supply for Nisland and Newell. The number of water connections has increased over time – from about 223 in 1973, to 886 now. The water system is supplied by 3 wells although 1 of these is only for emergency purposes due to radium. The system has over 300 miles of pipe ranging from 1½" to 8" in diameter. **PROJECT DESCRIPTION & NEED:** in 2020 the SDDOT will reconstruct part of Hwy. 212. This project will result in large changes to ground elevation and will require removal of parts of the District's 6" and 8" water lines in the area. The pipe in this area is asbestos cement (AC) and is part of the District's original 50 miles of pipe. This AC pipe has been leak-prone due to its age and material with the District replacing other problem segments in the past. One such project was completed approx. 1 mile west of the proposed SDDOT project. The currently proposed project would include approx. 2.5 miles of new pipe and would be extended far enough west to connect to that previously-replaced segment. The project would also extend line through and to the east of the SDDOT project limits. The new line would be relocated to the south side of Hwy. 212. This new alignment would require about 3 highway crossings. The project will also include a new 3-inch water line that will be extended to the south on the east end of the SDDOT project area. This 3-inch line would serve existing and any future users in this area – although no new users are now proposed. **TIMING:** The water project needs to be completed before the SDDOT project occurs in 2020. **WATER RATES:** The current water rate for 5,000 gallons is \$53.00/mo.

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.

Bob Lewis, Board President Name & Title of Authorized Signatory (Typed)	 Signature	1/26/18 Date
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RECEIVED

FEB 01 2018

SD EForm - 0487LD V3

Division of Financial
& Technical Assistance

State Water Plan Application

Applicant: City of Colome Address: PO Box 237 Colome, SD 57528 Phone Number: 605 842-0853	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;">\$1,220,360</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>Other:</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>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: 1px solid black;">\$1,220,360</td> </tr> </table>	Projected State Funding	\$1,220,360	Local Cash	0	Other:		Other:		TOTAL	\$1,220,360
Projected State Funding	\$1,220,360										
Local Cash	0										
Other:											
Other:											
TOTAL	\$1,220,360										

Project Title: Colome Water System Improvements

Description: (Include present monthly utility rate.)

The project consists of various improvements to Colome's drinking water system. The specific components proposed are construction of a new 50,000-gallon water tower to replace the current water tower, installation of new water meters throughout the community, and abandonment of the wells that the city currently uses to help supply water to the city.

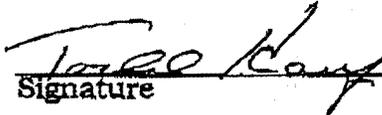
Colome's current water rate is \$33.00/month per 5,000 gallons, which includes a \$1.00 per month charge to each customer account for a water meter fund.

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.

Todd Hauf, Mayor

Name & Title of Authorized Signatory
(Typed)


1-29-18

Signature
Date

RECEIVED

FEB 05 2018

SD EForm - 0487LD V3

Division of Financial
& Technical Assistance

State Water Plan Application

Applicant: Town of Gayville Address: PO Box 162 Gayville, South Dakota 57031-0162 Phone Number: 605-267-4555	Proposed Funding Package	
	Projected State Funding	\$46,000
	Local Cash	\$205
	Other:	
	Other:	
	TOTAL	\$46,205

Project Title: Community Wide Water Meter Replacement

Description: (Include present monthly utility rate.)

The Town of Gayville proposes to replace its circa 1960's water meters with a modern remote reading system. Potable water is provided to the community via Clay Rural Water System (CRWS) which meters all water sold to its bulk users to include Gayville. Currently, there is a water loss of 25-30% between what is delivered by CRWS and what is metered and paid for within the community. As is the case with all water loss situations it is critical to explore all possible option or explanations. In this case it is believed that replacement of the water meters in conjunction with switching to remote reading versus the current self reporting process a significant portion of the water loss will be recovered. The proposed project is most likely the final step in the rehabilitation of the community's entire drinking water delivery system.

The current rate for 5,000 gallons is \$41.50. A true reserve fund for the town's water system has not been created but will be completed in accordance with SD-DENR standard

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.

Jay Jorgensen, Board President
 Name & Title of Authorized Signatory
 (Typed)


 Signature 2/1/18
 Date

State Water Plan Application

Applicant: Town of Grenville Address: PO Box 12 Grenville, SD 57239-0012 Phone Number: 605-486-4540	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;">\$351,415</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;">\$351,415</td> </tr> </table>	Projected State Funding	\$351,415	Local Cash	_____	Other: _____	_____	Other: _____	_____	TOTAL	\$351,415
Projected State Funding	\$351,415										
Local Cash	_____										
Other: _____	_____										
Other: _____	_____										
TOTAL	\$351,415										

Project Title: Town of Grenville Drinking Water Improvements- Meters and Valves

Description: (Include present monthly utility rate.)

The Town of Grenville hired Helms and Associates to complete a study of their 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 and parts to repair the existing meters. The study shows water losses at approximately 15 percent. While 15 percent water loss is an acceptable number according to DENR, it is a significant loss of revenue for a system this small. The Town of Grenville also has concerns about the inability to isolate their valves due to a majority of the valves being non-operational. There is currently no way to shut off just one customer if they become delinquent in paying their bill which limits the Town's ability to collect on past due water accounts.

The Town of Grenville receives its water supply from WEB but does not have a storage system in place. Monthly rates are \$24.00 for the first 1,000 gallons and an additional \$4.50 per 1,000 gallons above the first 1,000. Monthly rate for 5,000 gallons is \$42.00.

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 Gonzales, President

 Name & Title of Authorized Signatory
 (Typed)



 Signature

January 16, 2018

 Date

Additional Comments:

Monthly user rate as a result of the project is based on a total project cost of \$351,415 with a loan term of 30 years at a rate of 3.25 percent. Monthly debt service (including 110 percent debt coverage) is \$1,682. Debt service divided by 55 (number of users on the system) is \$30.58. Current rate is \$42.00 per 5,000 gallons, resulting in a \$70.58 monthly rate. This is a "worst case" scenario, based on 100 percent loan with no grant subsidy, and assumes there's currently no extra revenue in the drinking water fund that can be used towards debt service if the Town were to restructure the rates.

RECEIVED

FEB 02 2018

SD EForm - 0487LD V3

Division of Financial & Technical Assistance

State Water Plan Application

<p>Applicant: City of Mitchell</p> <p>Address: 612 N. Main Mitchell SD 57301</p> <p>Phone Number: 605-995-8143</p>	<p>Proposed Funding Package</p> <table style="width: 100%;"> <tr> <td style="text-align: right;">Projected State Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$14,300,232</td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$2,500,000</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: 1px solid black;">\$16,800,232</td> </tr> </table>	Projected State Funding	\$14,300,232	Local Cash	\$2,500,000	Other: _____		Other: _____		TOTAL	\$16,800,232
Projected State Funding	\$14,300,232										
Local Cash	\$2,500,000										
Other: _____											
Other: _____											
TOTAL	\$16,800,232										

Project Title: 2018-2022 Water Improvement Plan

Description: (Include present monthly utility rate.)

The City of Mitchell completed a Facility Plan for our Water System in August 2016. The study identified several improvements that will be necessary between 2018-2022. The projects identified include items to benefit water source options, water storage options, and water distribution. Water distribution projects include looping dead end water mains within the system, replacement of aging CIP, SCP, and ACP throughout the City, valve replacements, and repairs. Water Source options include expansion of our infrastructure to B-Y Water District, closure of our aging water treatment plant, and securing an emergency back up water source. The water storage projects include removing and replacing an aging water tower, recoating of water towers and installing mixers to existing towers. The City will also be updating SCADA control systems to ensure better response and monitoring of the entire system. The planned improvements are estimated to cost \$14,300,232 over the next five years. The projects are detailed in the enclosed facility plan included with this application. The current water fee for the City of Mitchell is \$3.00 base plus \$3.10 per unit (750 gallons) or \$23.77. That City is proposing increasing that unit rate to \$3.90 effective 3/1/18. That will bring the cost to \$29.80 for 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.

Stephanie Ellwein

 Name & Title of Authorized Signatory
 (Typed)



1-31-2018

 Signature Date

Additional Comments:

The City of Mitchell is requesting consideration as part of the amendment timeline due to the necessary improvements and depleted fund balances for the water utility. The City would be prepared to start construction on some of these projects in 2018 if we could have access to a loan program; otherwise we will now need to re-prioritize the list and determine which projects need to be postponed to a future time line due to depleted fund reserves. The 2018-2022 Improvement plan is included with this application.

State Water Plan Application

<p>Applicant: Sheridan Lake Highlands HOA</p> <p>Address: 23468 Dry Sage Lane Rapid City, SD 57702</p> <p>Phone Number: (605) 348-3817</p>	<p>Proposed Funding Package</p> <p style="text-align: right;">Projected State Funding <u> \$617,700 </u></p> <p style="text-align: right;">Local Cash <u> </u></p> <p>Other: <u> </u></p> <p>Other: <u> </u></p> <p style="text-align: right;">TOTAL <u> \$617,700 </u></p>
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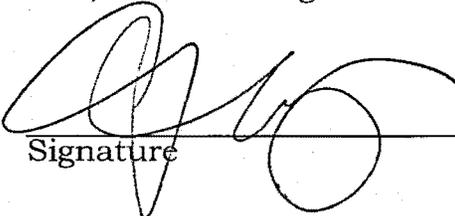
Project Title: Sheridan Lake Highlands Water System Financing and Improvements

Description: (Include present monthly utility rate.)

The Sheridan Lake Highlands (SLH) Homeowner's Association (HOA) is proposing to finance the cost of their community water system (\$250,000), which was purchased from the original developer of the subdivision in 2017. Due to time constraints involved with the purchase of the water system, the SLH HOA secured interim financing in the amount of \$200,000 from the West River Revolving Loan Fund (WRRLF) until such time permanent financing could be secured from DENR. The WRRLF loan is due July, 2018. Another \$50,000 for the purchase of the water system is also still owed to the original developer with payments due in August, 2018 & 2019. In addition, the SLH HOA is proposing several water system improvements, including construction of a second well, new well house, water treatment equipment for periodic water discoloration events, reservoir upgrades, and a high level booster pumping system (see Additional Comments for more information). The estimated cost for these water system improvements is \$367,700. Current Water Rate: \$110/month for 10,000 gallons or less, plus \$25 per 1,000 gallons over 10,000 gallons (equal to \$77/month for 7,000 gallons). The SLH HOA does not have a reserve fund established.

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.

Angela Vancas, President Name & Title of Authorized Signatory (Typed)	 Signature	1/31/18 Date
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Additional Comments:

Expected Monthly User Rate: \$209/month for 10,000 gallons with the current amount of users, under a 100% loan funding scenario (or \$146.30/month for 7,000 gallons).

Water System Improvements - Additional Information (per AE2S Planning Report):

The proposed improvements are intended to improve the reliability and capacity of the supply source, assure compliance with State Water Quality Standards, upgrade components not conforming with design standards, and to provide adequate service pressure to all users. The proposed project includes the following major components:

- 1) Construct new Water Supply Well No. 2. The well is estimated to be 500' deep, 6" diameter with submersible pump system capable of producing at least 20 gpm.
- 2) Construct new well house for Well No. 2 to house pump controls, telemetry, chemical feed systems and water quality monitoring equipment. The well house will be sized to accommodate future water treatment equipment for water color (tannins) removal and to comply with anticipated future water quality standards.
- 3) Install a 30 gpm ion-exchange type water treatment system within the new well house to remove excess color from the water during periodic coloration events. This installation will be deferred until pilot studies are performed to verify that effective removal can be achieved.
- 4) Modify existing Well No. 1 piping and controls to be able to pump to the new well house for pump cycling control and treatment needs.
- 5) Perform reservoir upgrades including cleaning to remove accumulated sediment, and to make modifications to tank outlet and overflow piping to increase effective storage capacity. Pipe alterations will also correct sanitary deficiencies in the tank overflow piping. The existing ground level reservoir will be fenced with 6' chain link fence for improved site security.
- 6) Construct a high level booster pumping system to increase distribution system service pressure to homes on Dry Sage Lane. The booster system will be a duplex constant pressure pump system with approximately 50 gpm capacity and service pressure above 45 psi for all homes.

State Water Plan Application

Applicant: City of Tea Address: PO Box 128 Tea, South Dakota 57064 Phone Number: (605) 498-5191	Proposed Funding Package <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Projected State Funding</td> <td style="width: 30%; text-align: right;">\$1,155,000</td> </tr> <tr> <td>Local Cash</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>Other: _____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>Other: _____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">\$1,155,000</td> </tr> </table>	Projected State Funding	\$1,155,000	Local Cash	_____	Other: _____	_____	Other: _____	_____	TOTAL	\$1,155,000
Projected State Funding	\$1,155,000										
Local Cash	_____										
Other: _____	_____										
Other: _____	_____										
TOTAL	\$1,155,000										

Project Title: Tea 85th Street Water Meter Station Project

Description: (Include present monthly utility rate.)

The City of Tea's Pump Station delivers water into two 36-inch diameter pipelines. One 36-inch pipeline is routed to the north. Another 36-inch pipeline extends to the east to deliver water to Tea and other member systems located near Sioux Falls and into the 85th Street Tower. The 85th Street Tower is a 3-million gallon elevated water tower. The proposed second Tea Meter Building will be located along the 36-inch pipeline extended east from the Tea Pump Station. The facility will include multiple functions including: metering, instrumentation and telemetry (SCADA), backflow prevention, flow control and pressure regulation. Please reference the attached project description for further details.

The current water rate for the City of Tea is \$31.40/5,000 gallons, and no reserve fund has been established for this project.

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.

John Lawler, Mayor City of Tea

 Name & Title of Authorized Signatory
 (Typed)

John M. Lawler 1-29-18

 Signature Date

State Water Plan Application

Applicant: City of Tea Address: PO Box 128 Tea, South Dakota 57064 Phone Number: (605) 498-5191	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;">\$2,285,000</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;">\$2,285,000</td> </tr> </table>	Projected State Funding	\$2,285,000	Local Cash	_____	Other:	_____	Other:	_____	TOTAL	\$2,285,000
Projected State Funding	\$2,285,000										
Local Cash	_____										
Other:	_____										
Other:	_____										
TOTAL	\$2,285,000										

Project Title: 93rd Street Sanitary Sewer Extension Project

Description: (Include present monthly utility rate.)

The proposed 93rd Street Sanitary Sewer Extension will connect to the existing utility at 271st Street (CR 106) and Heritage Parkway and then extend east along 271st Street to the old railroad right-of-way. The sewer extension will follow the old railroad right-of-way northeast to 93rd Street where it will then run east along 93rd Street to Sundowner Avenue. The sewer extension will provide sanitary sewer service to the existing commercial properties bounded by 93rd Street on the north, 271st Street on the south, Heritage Parkway on the west, and Sundowner Avenue on the east. The sewer extension will also provide service to proposed development north of 93rd Street and east of Sundowner Avenue. Approximately 6,465 linear feet of 12-inch sanitary sewer will be constructed along the route.

The current sewer rate for the City of Tea is \$22.00/5,000 gallons, and no reserve fund has been established for this project.

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.

John Lawler, Mayor City of Tea

 Name & Title of Authorized Signatory
 (Typed)

John M. Lawler 1-29-18

 Signature Date

March 27, 2018

Item 6

TITLE: Amendments to the FY 2017 Drinking Water SRF Intended Use Plan

EXPLANATION: The FY 2017 Drinking Water State Revolving Fund Intended Use Plan was approved by the Board of Water and Natural Resources in November 2016 and amended in March, June, July, and September 2017.

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 2017 Drinking Water Intended Use Plan by adding the following entries:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
137	Clark Rural Water System	\$2,950,000	2.00%, 30 years
87	Oelrichs	\$447,000	2.25%, 30 years
67	Ree Heights	\$509,000	2.25%, 30 years

RECOMMENDED ACTION: Approve the proposed amendments to the 2017 Drinking Water SRF Intended Use Plan

CONTACT: Andy Bruels, 773-4216

March 27, 2018

Item 7

TITLE: Amendments to the FY 2016 Drinking Water SRF Intended Use Plan

EXPLANATION: The FY 2016 Drinking Water State Revolving Fund Intended Use Plan was approved by the Board of Water and Natural Resources in November 2015 and amended in March, June, and September 2016 and in June 2017.

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 2016 Drinking Water Intended Use Plan by adding the following entries:

Priority Points	Loan Recipient	Estimated Loan Amount	Expected Loan Rate & Term
137	Clark Rural Water System	\$2,950,000	2.00%, 30 years
87	Oelrichs	\$447,000	2.25%, 30 years
67	Ree Heights	\$509,000	2.25%, 30 years

RECOMMENDED ACTION: Approve the proposed amendments to the 2016 Drinking Water SRF Intended Use Plan

CONTACT: Andy Bruels, 773-4216

TITLE: Sanitary/Storm Sewer 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. Lake Byron Sanitary District (12)
- b. Crooks (12)
- c. Dell Rapids (10)
- d. Humboldt (10)
- e. Philip-Stormwater (8)
- f. Philip-Wastewater (8)
- g. Presho (7)
- h. Cavour (6)

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/BWNRappsssf0318.pdf>

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

Sanitary/Storm Sewer Facilities Funding Applications



FUNDING REQUEST EVALUATION FORM
SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION
APPLICANT: LAKE BYRON SANITARY DISTRICT

Project Title: Wastewater Collection and Treatment System

Funding Requested: \$5,475,000

Other Proposed Funding: None

Total Project Cost: \$5,475,000

Project Description: The proposed project consists of the construction of a grinder pump collection system to serve the residents around Lake Byron. Each residence will pump wastewater into a pressurized force main. The project also includes construction of stabilization ponds and wetlands to treat the collected wastewater.

Alternatives Evaluated: The No Action alternative was evaluated and rejected. There are concerns that septic systems currently used by the residents are contributing to the degradation of the lake.

Five collection system alternatives were evaluated; four pressure systems utilizing pumping and force mains and one conventional gravity flow system with lift stations.

The gravity flow collection system was not chosen because the flat topography makes this system more expensive to construct and maintain. To maintain the proper pipe slopes the main becomes excessively deep requiring placing a number of lift stations throughout the system.

Four pressure systems were evaluated. These include a grinder pump system, small diameter gravity sewer with lift stations, septic tank effluent pumping system, and vacuum collection system. The grinder pump system was chosen because of the relatively low operation and maintenance requirements, and a holding or septic tank at each residence is not necessary.

Treatment alternatives included small mechanical package plants and stabilization ponds/wetlands. Treatment using a package plant was not chosen due to the higher operation and maintenance costs and difficulty finding operators to run a mechanical system.

The use of stabilization ponds and wetlands was evaluated

and chosen due to the relative ease of operation and maintenance, which results in lower long-term costs.

Implementation Schedule: The sanitary district anticipates bidding the project in the spring of 2019 with project completion in the fall of 2020.

Service Population: 191 services

Current Domestic Rate: \$30 flat rate

Interest Rate: 2.5%

Term: 30 years

Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Lake Byron Sanitary District would have to establish a surcharge of approximately \$125/month. Based on the facilities plan, O&M costs will be approximately \$18/month, bringing total monthly costs to \$143.

25% Funding Subsidy: \$1,368,750 subsidy with a loan of \$4,106,250.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$4,106,250, Lake Byron Sanitary District would have to establish a surcharge of approximately \$94. Based on the facilities plan, O&M costs will be approximately \$18/month, bringing total monthly costs to \$112.

50% Funding Subsidy: \$2,737,500 subsidy with a loan of \$2,737,500.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$2,737,500, Lake Byron Sanitary District would have to establish a surcharge of approximately \$63. Based on the facilities plan, O&M costs will be approximately \$18/month, bringing total monthly costs to \$81.

75% Funding Subsidy: \$4,106,250 subsidy with a loan of \$1,268,750.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$1,268,750, Lake Byron Sanitary District would have to establish a surcharge of approximately \$31.50. Based on the facilities plan, O&M costs will be approximately \$18/month, bringing total monthly costs to \$50.

ENGINEERING REVIEW COMPLETED BY: ERIC MEINTSMA

FINANCIAL REVIEW COMPLETED BY: DAVID RUHNKE

Sanitary/Storm Sewer Facilities Funding Application

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

Applicant: Lake Byron Sanitary District Address: 19434 W Lake Loop Huron, SD, 57350-8117 Subapplicant: DUNS Number: 079857476	<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;">\$5,475,000</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: 3px double black;">\$5,475,000</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$5,475,000	Local Cash	_____	Other: _____	_____	Other: _____	_____	Other: _____	_____	TOTAL	\$5,475,000
Proposed Funding Package															
Requested Funding	\$5,475,000														
Local Cash	_____														
Other: _____	_____														
Other: _____	_____														
Other: _____	_____														
TOTAL	\$5,475,000														

Project Title: Lake Byron Wastewater Collection and Treatment System

Description:

The Lake Byron Sanitary District is proposing to construct a Grinder Pump System and wetlands with a Stabilization Pond.

The Lake Byron Sanitary District (LBSD) does not currently collect monthly payments as no system exists, but are proposing to put in \$30.00 rates prior to March of 2018. They also understand that their rates will go much higher once the funding package is in place.

LBSD has estimated that there will be 191 households that will pay the monthly fees every month.

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.

Gayle Kludt, President
 Name & Title of Authorized Signatory
 (Typed)


 Signature

12-22-17
 Date

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

Project Title: Palmira Utility Improvements Project

Funding Requested: \$2,052,000

Other Proposed Funding: None

Total Project Cost: \$2,052,000

Project Description: This project involves replacement of approximately 4,000 feet of PVC sanitary sewermain in the Palmira neighborhood of the city of Crooks. Sewer services and manholes throughout the development will also be replaced. Approximately 2,100 feet of storm sewermain and related appurtenances will also be constructed as part of the project. Televising performed in portions of the collection system indicated that the existing PVC sanitary sewer in the Palmira neighborhood was structurally deficient and severely degraded. The PVC in this section of the city is past its useful life. The city currently experiences infiltration and inflow problems with the pipe in this neighborhood.

Alternatives Evaluated: Alternative 1: No Action. This alternative was not selected because it will not address any issues with the aging sanitary sewer collection system in the city of Crooks.

Alternative 2: Televising Remaining Collection System. This alternative proposes that the remaining clay pipe in the system be televised to assess the condition of the oldest part of the collection system. A leak at the Palmira Lift Station is proposed to be sealed as a part of this alternative. A sump pump ordinance prohibiting discharge into the sanitary sewer will also be enacted. This alternative was selected but is being pursued independently by the city of Crooks.

Alternative 3: Palmira Development Sanitary Sewer Collection System Improvements. This alternative proposes replacing PVC sewermain, sewer services and manholes in the Palmira neighborhood. These sections of pipe were identified as being significantly deficient as part of a previously performed televising. Storm sewermain and related appurtenances will also be constructed in the Palmira neighborhood as part of the project. This alternative was selected because it corrects known deficiencies in the collection system, will result in a reduction of infiltration and inflow to the system and is cost-

efficient given that concurrent work on the watermain is proposed in the same area.

Alternative 4: Replacement of all clay pipe with PVC. This alternative involves replacement of all clay pipe in the collection system. Storm sewermain and related appurtenances will be also constructed as part of this alternative. This alternative is proposed to occur in 3 phases to minimize the immediate impact on residents. This alternative was recommended but not selected at this time because of cost. The city of Crooks plans to complete each phase of this alternative sometime in the future.

Implementation Schedule: The city of Crooks anticipates bidding the project in June 2018 with a project completion date of November 2018.

Service Population: 1,269

Current Domestic Rate: \$34.00 per 5,000 gallons usage

Interest Rate: 2.5% Term: 30 years Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount:	If funding is provided as all loan, Crooks would have approximately 93% coverage based on the current rate of \$34.34/5,000 gallons. Crooks would have to raise rates to approximately \$41.50/5,000 gallons to provide 110% coverage.
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25% Funding Subsidy:	\$513,000 subsidy with a loan of \$1,539,000.
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Coverage at 25% Subsidy:	Based on a 25% subsidy and a loan of \$1,539,000 Crooks would have to raise rates to approximately \$36/5,000 gallons to provide 110% coverage.
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ENGINEERING REVIEW COMPLETED BY: ALLEN PRINCE

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 Crooks Address: PO Box 785 Crooks, South Dakota 57020 Subapplicant: N/A DUNS Number: 068098875	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;">\$2,052,000</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;">\$2,052,000</td> </tr> </table>	Requested Funding	\$2,052,000	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$2,052,000
Requested Funding	\$2,052,000												
Local Cash	_____												
Other:	_____												
Other:	_____												
Other:	_____												
TOTAL	\$2,052,000												

Project Title: Palmira Collection and Distribution Project

Description:

The Palmira Collection and Distribution Project addresses deficiencies in the Palmira neighborhood in Crooks. This area is located north of the railroad tracks and east of West Avenue. Televised reports indicate sanitary sewer lines that are significantly cracked, protruding services, egg-shaped joints and sag. Replacing approximately 4,000 feet of sanitary sewer and almost 3,000 feet of service would address these deficiencies and reduce the amount of inflow and infiltration in the system.

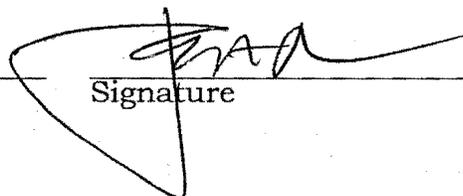
This project also includes a request for funding for drinking water improvements in the same location and in conjunction with this project.

Current sewer rates for 5,000 gallons of usage are \$34 per month.

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.

Jamison Rounds, Mayor
 Name & Title of Authorized Signatory
 (Typed)



Signature

12/29/11
 Date

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

Project Title: Southeast Phase 1 and Railroad Utility Improvements

Funding Requested: \$4,324,000 - CWSRF
\$629,000 – Nonpoint Source

Other Proposed Funding: \$649,000 - Local Cash

Total Project Cost: \$5,602,000

Project Description: Replace sewer mains, manholes and storm sewers in the southeast area of the city. Two Dakota & Iowa railroad crossings at LaDelle and Orleans Avenues are being rebuilt, and the city will coordinate with the railroad to replace the sanitary and storm sewers at each location.

The loan also includes up to \$629,000 to construct nonpoint source improvements in the Big Sioux River basin. The nonpoint source component of the loan will be used to make improvements, which include stream bank stabilization, grazing management, agricultural waste management, and vegetative buffers.

Alternatives Evaluated: The No Action alternative is not recommended because of the poor condition of the sanitary sewer, manholes and storm sewer. The project will also reduce infiltration/inflow problems during large rainfall events and periods of wet weather. Drainage issues will be addressed by the installation of new storm sewers.

The recommended alternative is to replace the sanitary sewers, manholes and storm sewers. The vitrified clay pipe sewer mains will be replaced with approximately 6,700 feet of 8-inch PVC pipe. Nineteen manholes will also be replaced. The brick/stone storm sewers will be replaced with approximately 2,600 feet reinforced concrete pipe.

Implementation Schedule: The city of Dell Rapids anticipates bidding the project in February 2019 with a project completion date of October 2020.

Service Population: 3,705

Current Domestic Rate: \$54.40 per 5,000 gallons usage

Interest Rate: 1.5% Term: 30 years Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Dell Rapids would have to establish a surcharge of approximately \$13.35. When added to current rate of \$54.40/5,000 gallons, residents would be paying \$67.75/5,000 gallons.

25% Funding Subsidy: \$1,081,000 subsidy with a loan of \$3,243,000.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$3,243,000, Dell Rapids would have to establish a surcharge of approximately \$10.00 thereby paying a rate \$64.40/5,000 gallons.

50% Funding Subsidy: \$2,162,000 subsidy with a loan of \$2,162,000.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$2,162,000, Dell Rapids would have to establish a surcharge of approximately \$6.70 thereby paying a rate \$61.10/5,000 gallons.

75% Funding Subsidy: \$3,243,000 subsidy with a loan of \$1,081,000.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$1,081,000, Dell Rapids would have to establish a surcharge of approximately \$3.35 thereby paying a rate \$57.75/5,000 gallons.

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 Dell Rapids Address: PO Box 10 Dell Rapids, South Dakota 57022 Subapplicant: N/A DUNS Number: 170381602	<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;">\$4,324,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$649,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: _____ NPS</td> <td style="text-align: right; border-bottom: 1px solid black;">\$629,000</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;">\$5,602,000</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$4,324,000	Local Cash	\$649,000	Other: _____ NPS	\$629,000	Other: _____	_____	Other: _____	_____	TOTAL	\$5,602,000
Proposed Funding Package															
Requested Funding	\$4,324,000														
Local Cash	\$649,000														
Other: _____ NPS	\$629,000														
Other: _____	_____														
Other: _____	_____														
TOTAL	\$5,602,000														

Project Title: Southeast Phase 1 and Railroad Utility Improvements

Description:

The City of Dell Rapids is taking a proactive approach to rehabilitating its sanitary and storm sewers. The City plans to begin in the southeast area of the city as most of the water main breaks and sewer back-ups happen in this area. The project includes replacing vitrified clay pipe (VCP) with PVC and replacing the old brick/rock storm sewer with reinforced concrete pipe (RCP). The southeast area of the City consists of the area between Garfield Avenue and Beach Avenue from 3rd Street to 7th Street.

Additionally, the City is coordinating with D&I Railroad's track replacement project to replace VCP sanitary sewer and quartzite block storm sewer. Approximately 460 feet of sanitary sewer and storm sewer will be replaced at the railroad track crossing at LaDelle Avenue and Orleans Avenue.

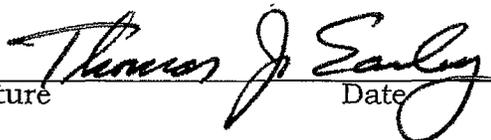
The City is hoping to realize economies of scale by combining several smaller projects into one larger project. The City is also applying for State Revolving Fund assistance for a complementary drinking water project. Sewer rates as of 2/20/18 are \$45.80 for 5,000 gallons of water.

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.

Tom Earley, Mayor

 Name & Title of Authorized Signatory
 (Typed)



 Signature Date

FUNDING REQUEST EVALUATION FORM
SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION
APPLICANT: TOWN OF HUMBOLDT

Project Title: Phase Two Wastewater Collection Improvements

Funding Requested: \$3,876,000

Other Proposed Funding: None

Total Project Cost: \$3,876,000

Project Description: The town of Humboldt is proposing to complete the second phase of a multi-phase sewer improvement project. Phase Two involves replacing 5,200 feet of vitrified clay pipe with 8-inch PVC pipe, 1,200 feet of clay pipe with 10-inch PVC pipe, and 3,000 feet of 4-inch sanitary sewer service piping.

Alternatives Evaluated: The “No Action” alternative is not recommended because it will not address the poor condition of the sanitary sewer collection system.

The “Investigation” alternative suggests that Humboldt clean and televise the portions of the system that have not already been investigated. This alternative also proposes investigating sump pump flows into the sewer system. This alternative is recommended but is not included in the proposed project.

The “Replace All Clay Pipe with PVC” alternative addresses the cost of replacing all clay pipe with PVC line throughout the town. Due to the large capital cost, it is recommended to prioritize and phase the replacement of the collection line.

The “Phased Replacement of All Clay Pipe with PVC” alternative will phase the replacement of the clay line with PVC and will continue with the Phase Two work as described above. This was the recommended and chosen alternative.

Implementation Schedule: The town of Humboldt anticipates bidding the project in February 2019 with a project completion date in October 2019.

Service Population: 580

Current Domestic Rate: \$33.00 per 5,000 gallons usage

Interest Rate: 2.5%

Term: 30 years Security: Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Humboldt would have 60% coverage based on the rate of \$51.00/5,000 gallons.

20% Funding Subsidy: \$1,550,000 subsidy with a loan of \$2,326,000.

Coverage at 20% Subsidy: Based on a 20% subsidy and a loan of \$2,326,000, Humboldt would have 70% coverage based on the rate of \$51.00/5,000 gallons.

40% Funding Subsidy: \$1,550,000 subsidy with a loan of \$2,326,000.

Coverage at 40% Subsidy: Based on a 40% subsidy and a loan of \$2,316,000, Humboldt would have 90% coverage based on the rate of \$51.00/5,000 gallons.

50% Funding Subsidy: \$2,000,000 subsidy with a loan of \$1,876,000.

Coverage at 60% Subsidy: Based on a 50% subsidy and a loan of \$1,876,000, Humboldt would have 110% coverage based on the rate of \$51.00/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: DREW HUISKEN

FINANCIAL REVIEW COMPLETED BY: LUKUS LEIDHOLT

Sanitary/Storm Sewer Facilities Funding Application

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

<p>Applicant: Town of Humboldt</p> <p>Address: PO Box 72 Humboldt, South Dakota 57035</p> <p>Subapplicant: N/A</p> <p>DUNS Number: 015830888</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;">\$3,876,000</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;">\$3,876,000</td> </tr> </table>	Requested Funding	\$3,876,000	Local Cash	_____	Other: _____	_____	Other: _____	_____	Other: _____	_____	TOTAL	\$3,876,000
Requested Funding	\$3,876,000												
Local Cash	_____												
Other: _____	_____												
Other: _____	_____												
Other: _____	_____												
TOTAL	\$3,876,000												

Project Title: Phase Two Wastewater Collection Improvements- Water Meters

Description:

The Town of Humboldt is proposing to complete the second phase of a multi-phase sewer improvement project. The project will continue the measures started in Phase One by replacing the remaining portion of vitrified clay pipe (VCP) and completing the collection portion of the project. Phase Two involves replacing and installing 1,200 feet of ten-inch polyvinyl chloride (PVC), approximately 5,200 linear feet of VCP with eight-inch PVC, and 3,000 linear feet of 4-inch sanitary sewer service piping.

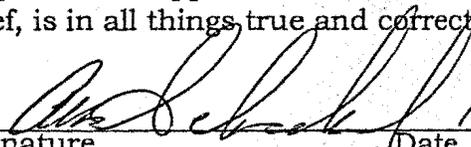
Phase Two addresses deficiencies in the sewer distribution system in the southwest portion of the city. Pipe replacement on Main and Washington Streets tie into the improvements started in Phase One to the north on 4th Avenue.

Current monthly wastewater rate is \$33.00 for 5,000 gallons of water used. There is a reserve fund.

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.

Allen Schmeichel, Town President
Name & Title of Authorized Signatory
(Typed)


 Signature _____ Date 12/26/17

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

Project Title: Southwest Stormwater System Improvements

Funding Requested: \$536,000

Other Proposed Funding: None

Total Project Cost: \$536,000

Project Description: The city of Philip has deteriorating curb and gutter with inadequate slopes to adequately convey storm water in the southwest region of city. This project will replace approximately 5,350 linear feet of concrete curb and gutter, 157 square yards of concrete valley gutter, and install about 1,915 linear feet of underground reinforced concrete pipe plus necessary appurtenances.

Alternatives Evaluated: The "No Action" alternative was not considered acceptable because it would not address the storm sewer problems that are occurring within the system.

Another alternative considered installing storm sewer inlets at the Howard Avenue and Oak Street intersection and piping runoff to West Avenue to connect to an existing 30-inch RCP. This alternative was not viable because the existing system on West Avenue is only capable of conveying a one-inch per hour storm event, and additional runoff should not be added to this system.

Philip also considered installing storm sewer inlets at the Howard Avenue and Oak Street intersection and piping runoff south of the city and discharging into an existing ditch along the railroad tracks. This option was not chosen because there is not an adequate elevation difference to allow the storm sewer pipe to drain into the existing ditch.

Implementation Schedule: Philip anticipates bidding the project in May of 2018 with a project completion date of November 2018.

Service Population: 765

Current Domestic Rate: No Storm Sewer Fee

Interest Rate: 2.50% Term: 30 years Security: Sales Tax Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Philip would have 999% coverage based on current sales tax rates.
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ENGINEERING REVIEW COMPLETED BY: ABBEY LARSON

FINANCIAL REVIEW COMPLETED BY: LUKUS LEIDHOLT

RECEIVED

DEC 29 2017

Division of Financial
& Technical Assistance

SD EForm - 2127LD V4

Sanitary/Storm Sewer Facilities Funding Application

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

Applicant: City of Philip Address: PO Box 408 Philip, South Dakota 57567-0408 Subapplicant: DUNS Number: 131268158	Proposed Funding Package <table style="width: 100%;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right;">\$536,000</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:</td> <td style="text-align: right;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right;">_____</td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">\$536,000</td> </tr> </table>	Requested Funding	\$536,000	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$536,000
Requested Funding	\$536,000												
Local Cash	_____												
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Other:	_____												
TOTAL	\$536,000												

Project Title: Philip Southwest Storm Sewer System Improvements Project

Description:

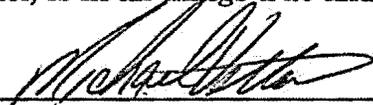
The City of Philip proposes to undertake a storm sewer systems improvements in the southwest area of the city as part of an overall utility and street improvements project. The existing storm sewer system in the southwest portion of Philip is at the end of its useful life. Philip has numerous natural springs throughout the community that cause problems with the storm sewer system which is a combination of underground pipe and curb and gutter. The curbs have experienced settlement and frost heaves in locations and/or have shifted due to the poor soil conditions in the area. The existing valley gutters have begun to break up beyond repair. The city will need to replace all the existing curb and gutter in the southwest portion of Philip in order to ensure that the storm drainage is adequately conveyed to the existing collection systems or outfall ditches. The replacement concrete curb and gutter would be approximately 5,350 linear feet and 157 square yards of concrete valley gutter plus necessary appurtenances. The improvements would also include the installation of approximately 1,915 linear feet of underground RCP storm sewer pipe to better serve the area, plus necessary appurtenances.

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 Vetter, Mayor

 Name & Title of Authorized Signatory
 (Typed)



 Signature

12/28/17

 Date

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

Project Title: Southwest Wastewater System Improvements

Funding Requested: \$605,000

Other Proposed Funding: \$765,000 - Community Development Block Grant

Total Project Cost: \$1,370,000

Project Description: The city of Philip plans to replace sanitary sewer main in the southwest area of the city as part of a utility and street improvements project. The project includes replacement of approximately 4,335 linear feet of sanitary sewer lines, 6 manholes and necessary appurtenances.

Alternatives Evaluated: The "No Action" alternative was not considered acceptable because it would not address the infiltration and inflow problems that the current system is experiencing.

Open trench and trenchless rehabilitation technologies were evaluated. Open trench was chosen since the sewer line depth will be increased and the city plans on completing street reconstruction in conjunction with this project.

Implementation Schedule: Philip anticipates bidding the project in May of 2018 with a project completion date of November 2018.

Service Population: 765

Current Domestic Rate: \$30.00 per 5,000 gallons usage

Interest Rate: 2.5% Term: 30 years Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Philip would have to establish a surcharge of approximately \$5.80. When added to current rate of \$30.00/5,000 gallons, residents would be paying \$35.80/5,000 gallons.

15% Funding Subsidy: \$90,795 subsidy with a loan of \$514,505.

Coverage at 15% Subsidy: Based on a 15% subsidy and a loan of \$514,505, Philip would have to establish a surcharge of approximately \$4.93 thereby paying a rate \$34.93/5,000 gallons.

20% Funding Subsidy: \$121,060 subsidy with a loan of \$484,240.

Coverage at 20% Subsidy: Based on a 20% subsidy and a loan of \$484,240, Philip would have to establish a surcharge of approximately \$4.64 thereby paying a rate \$34.64 /5,000 gallons.

25% Funding Subsidy: \$151,325 subsidy with a loan of \$453,975.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$453,975, Philip would have to establish a surcharge of approximately \$4.35 thereby paying a rate \$34.35 /5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ABBEY LARSON

FINANCIAL REVIEW COMPLETED BY: LUKUS LEIDHOLT

Sanitary/Storm Sewer Facilities Funding Application

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

Applicant: City of Philip Address: PO Box 408 Philip, South Dakota 57567-0408 Subapplicant: DUNS Number: 131268158	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;">\$605,000</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: _____ CDBG</td> <td style="text-align: right; border-bottom: 1px solid black;">\$765,000</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: 1px solid black;">\$1,370,000</td> </tr> </table>	Requested Funding	\$605,000	Local Cash	_____	Other: _____ CDBG	\$765,000	Other: _____	_____	Other: _____	_____	TOTAL	\$1,370,000
Requested Funding	\$605,000												
Local Cash	_____												
Other: _____ CDBG	\$765,000												
Other: _____	_____												
Other: _____	_____												
TOTAL	\$1,370,000												

Project Title: Philip Southwest Wastewater System Improvements Project

Description:

The City of Philip proposes to undertake wastewater and storm sewer systems improvements in the southwest area of the city as part of an overall utility and street improvements project. Wastewater system improvements include the replacement of approximately 375 linear feet of 12-inch main, 395 linear feet of 10-inch main, 1,820 linear feet of eight-inch PVC, 1,590 linear feet of four-inch PVC, 155 linear feet of six-inch PVC, and replacement of six manholes, plus all necessary appurtenances including street repair. Replacing these lines will correct the deficiencies and help to reduce the amount of I & I that the system is experiencing.

Current wastewater rates for the city are \$30/5,000 gallons/user/month inside city limits, and \$51/5,000 gallons/user/month outside of city limits.

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 Vetter, Mayor

 Name & Title of Authorized Signatory
 (Typed)



Signature _____ Date 2/28/18

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

Project Title: Main Street Infrastructure Improvements

Funding Requested: \$1,198,000

Other Proposed Funding: \$400,000 – DOT Community Access Grant
\$370,535 - USDA Rural Development

Total Project Cost: \$1,968,535

Project Description: Replace sewer mains along Main Street as part of a paving and sidewalk project.

Alternatives Evaluated: The No Action alternative is not recommended because of the poor condition of the sanitary sewer and the inadequate size of the storm sewer.

The recommended alternative is to replace the sanitary sewer and construct an additional storm sewer pipe to increase flow capacity. It is recommended that the storm and sanitary sewer be constructed in conjunction with the street improvement project because it is more economical than completing these improvements in two separate projects.

Implementation Schedule: The city of Presho anticipates bidding the project in March 2019 with a project completion date of December 2019.

Service Population: 507

Current Domestic Rate: \$30.00 flat rate

Interest Rate: 2.5% Term: 30 years Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Presho would have to establish a surcharge of approximately \$17.40. When added to current rate of \$30/5,000 gallons, residents would be paying \$47.40/5,000 gallons.

15% Funding Subsidy: \$179,700 subsidy with a loan of \$1,018,300.

Coverage at 15% Subsidy: Based on a 15% subsidy and a loan, of \$1,018,300 Presho would have to establish a surcharge of approximately \$14.77 thereby paying a rate \$44.77/5,000 gallons.

20% Funding Subsidy: \$239,600 subsidy with a loan of \$958,400.

Coverage at 20% Subsidy: Based on a 20% subsidy and a loan of \$958,400, Presho would have to establish a surcharge of approximately \$13.90 thereby paying a rate \$43.90 /5,000 gallons.

25% Funding Subsidy: \$ 299,500 subsidy with a loan of \$898,500.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$898,500, Presho would have to establish a surcharge of approximately \$13.04 thereby paying a rate \$43.04 /5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ERIC MEINTSMA

FINANCIAL REVIEW COMPLETED BY: LUKUS LEIDHOLT

Sanitary/Storm Sewer Facilities Funding Application

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

Applicant: City of Presho Address: PO Box 100 Presho, SD 57568-100 Subapplicant: DUNS Number: 03-136-1962	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Proposed Funding Package</td> </tr> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right;">\$1,198,000</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: DOT</td> <td style="text-align: right;">\$400,000</td> </tr> <tr> <td style="text-align: right;">Other: USDA RD</td> <td style="text-align: right;">\$370,535</td> </tr> <tr> <td style="text-align: right;">Other: _____</td> <td style="text-align: right;">_____</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">\$1,968,535</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$1,198,000	Local Cash	_____	Other: DOT	\$400,000	Other: USDA RD	\$370,535	Other: _____	_____	TOTAL	\$1,968,535
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Local Cash	_____														
Other: DOT	\$400,000														
Other: USDA RD	\$370,535														
Other: _____	_____														
TOTAL	\$1,968,535														

Project Title: Main Street Infrastructure Improvements

Description:

The City of Presho has retained Schmucker, Paul, Nohr and Associates to prepare a preliminary report to identify the improvements that are needed on Main Street from Railroad Street to 4th Street. The proposed improvements are the result of a desire to improve access for vehicle and pedestrian use to Presho's central business area.

The proposed improvements contained in this report would replace wastewater utilities, restore the street surface, and provide improved drainage of Main Street. The proposed improvements would also provide for safer access to pedestrian sidewalks, rebuild sidewalks to the Main Street businesses and improve handicap accessibility.

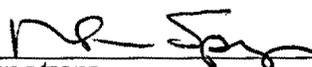
The City charges \$29.00 (\$23.00 minimum + \$2.00/1,000 gallons after 2,000 gallons of consumption) to 300 household and commercial users for 5,000 gallons of drinking water. The City currently charges \$23.00 for 5,000 gallons of wastewater, but will be increasing that rate to \$30.00/5,000 gallons as of January 1, 2018

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.

Mike Sprenger, Mayor

 Name & Title of Authorized Signatory
 (Typed)



 Signature

12-4-17

 Date

FUNDING REQUEST EVALUATION FORM
SANITARY/STORM SEWER FACILITIES FUNDING APPLICATION
APPLICANT: TOWN OF CAVOUR

Project Title: Wastewater Improvements Phase II

Funding Requested: \$956,000

Other Proposed Funding: \$100,000 – James River Water Development District

Total Project Cost: \$1,056,000

Project Description: The town of Cavour plans to replace a portion of its wastewater collection system using conventional open-trench construction. These sewer lines were identified to be in severe condition as part of a 2014 televising report and were identified as too structurally damaged to be suitable for Cured-In-Place Pipe (CIPP) relining. The entire sanitary collection system in the town of Cavour is past its useful life and is allowing significant infiltration and inflow to enter the system.

Alternatives Evaluated: Alternative 1: No Action. This alternative was not selected because it will not address structural deficiencies identified in the 2014 televising report which contribute to significant infiltration and inflow to the town of Cavour’s sanitary sewer system.

Alternative 2: Combination of Sanitary Sewer Replacement and Sanitary Sewer Cured-In-Place Pipe (CIPP) relining. This alternative proposes to use the results of the 2014 televising report to rehabilitate certain structurally stable parts of the collection system with CIPP. The town decided to replace only those portions of the collection system in more severe condition with new PVC sewermain installed with conventional open-trench construction methods. To reduce project costs, the town decided to eliminate the CIPP relining portion of the project,

Implementation Schedule: The town of Cavour anticipates bidding the project in June 2018 with a project completion date of September 2019.

Service Population: 141

Current Domestic Rate: \$31.00 flat rate

Interest Rate: 2.5% Term: 30 years Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Cavour would have to establish a surcharge of approximately \$75.65. When added to current rate of \$31.00/5,000 gallons, residents would be paying \$106.65/5,000 gallons.

25% Funding Subsidy: \$239,000 subsidy with a loan of \$717,000.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$717,000, Cavour would have to establish a surcharge of approximately \$56.75 thereby paying a rate \$87.75/5,000 gallons.

50% Funding Subsidy: \$478,000 subsidy with a loan of \$478,000.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$478,000, Cavour would have to establish a surcharge of approximately 37.85 thereby paying a rate \$68.85/5,000 gallons.

75% Funding Subsidy: \$717,000 subsidy with a loan of \$239,000.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$239,000, Cavour would have to establish a surcharge of approximately \$18.90 thereby paying a rate \$49.90/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ALLEN PRINCE

FINANCIAL REVIEW COMPLETED BY: JON PESCHONG

Sanitary/Storm Sewer Facilities Funding Application

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

Applicant: City of Cavour Address: PO Box 75 Cavour SD 57324 Subapplicant: DUNS Number: 805456352	<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;">\$956,000</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: <u> </u> JRWDD</td> <td style="text-align: right; border-bottom: 1px solid black;">\$100,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: <u> </u></td> <td style="text-align: right; border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Other: <u> </u></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;">\$1,056,000</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$956,000	Local Cash		Other: <u> </u> JRWDD	\$100,000	Other: <u> </u>		Other: <u> </u>		TOTAL	\$1,056,000
Proposed Funding Package															
Requested Funding	\$956,000														
Local Cash															
Other: <u> </u> JRWDD	\$100,000														
Other: <u> </u>															
Other: <u> </u>															
TOTAL	\$1,056,000														

Project Title: Cavour Phase II Wastewater Line Replacement Project

Description:

In Phase I of the project, the City of Cavour replaced the lift station and all of the outfall line from the lift station to the lagoon and made minor repairs to the lagoon. Phase II is replacing the rest of the wastewater collection system in town either through removing and replacing the line or by lining the existing wastewater lines if possible.

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.

Lisa Gogolin, Town President
Name & Title of Authorized Signatory
(Typed)

Lisa Gogolin
Signature

December 22, 2017
Date

TITLE: Drinking Water Facilities Funding Applications

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

- a. Clark Rural Water System (137)
- b. Sioux Rural Water System (117)
- c. Oelrichs (87)
- d. Ree Heights (67)
- e. Lake Norden (53)
- f. Humboldt (14)
- g. Bridgewater (13)
- h. Dell Rapids (11)
- i. Crooks (10)

COMPLETE APPLICATIONS: Application cover sheets and summary sheets with 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/BWNRappsdf0318.pdf>

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

Drinking Water Facilities Funding Applications



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

Project Title:	Connection to Willow Lake and Bradley and 2018 System Improvements
Funding Requested:	\$2,950,000
Other Proposed Funding:	None
Total Project Cost:	\$2,950,000
Project Description:	<p>The proposed project would improve water quality and system pressures to approximately 4,300 people in Clark Rural Water System’s user base. Currently, the system is near or at capacity and is extremely strained during peak demands. The project also proposes to connect to the city of Willow Lake to provide bulk water service as well as providing individual service to Bradley residents.</p> <p>In order to provide service to Willow Lake, improvements will need to be made to the system to increase capacity. Several improvements will be constructed to increase the capacity, pressure, and resilience of the system. Improvements include looping of line and installation of parallel pipe to increase pressure and redundancy in the system, as well as construction of a 6-inch PVC service to Willow Lake.</p> <p>Bradley’s existing distribution system is experiencing excessive leaks, low pressures, and poor water quality and needs to be replaced. This project will install new distribution system piping and valves and meters. Once these improvements are completed, customers in Bradley will be metered and become Clark RWS customers.</p> <p>Improvements will also be made in the northwest portion of the system to help convey water to the Crocker Booster Pump Station and minimize pressure losses in that region. These improvements will install parallels on the north and south sides of the Crocker station.</p>
Alternatives Evaluated:	The No Action alternative is not recommended because it would not provide service to both Bradley and Willow Lake as well as not solve any lingering issues with diminishing capacity and low pressure throughout the system.

Several alternatives were evaluated in the facility plan for the town of Bradley. Alternatives for partial distribution replacement, unlooped lines, elevated and ground water storage, and the “No Action” alternative were all considered. These alternatives were rejected in favor of the selected alternative.

The recommended alternative is to construct the projects as described above. This will allow Clark Rural Water System to increase its capacity and pressure throughout the system so providing service to both Willow Lake and Bradley is achievable, as well as increase water quality and pressure for the other customers in the system.

Implementation Schedule: Clark Rural Water System anticipates opening bids in August of 2018 and final completion of improvements by June 2019.

Service Population: 4,431

Current Domestic Rate: \$64.50 per 7,000 gallons usage

Interest Rate: 2.00%

Term: 30 years

Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Clark Rural Water System would have 63% coverage based on the current rate of \$64.50/7,000 gallons.

20% Funding Subsidy: \$590,000 subsidy with a loan of \$2,360,000.

Coverage at 20% Subsidy: Based on a 20% subsidy and a loan of \$2,360,000, Clark Rural Water System would have 78% coverage based on the current rate of \$64.50/7,000 gallons.

40% Funding Subsidy: \$1,180,000 subsidy with a loan of \$1,770,000.

Coverage at 40% Subsidy: Based on a 40% subsidy and a loan of \$1,770,000, Clark Rural Water System would have 104% coverage based on the current rate of \$64.50/7,000 gallons.

50% Funding Subsidy: \$1,475,000 subsidy with a loan of \$1,475,000.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$1,475,000, Clark Rural Water System would have 125% coverage based on the current rate of \$64.50/7,000 gallons.

ENGINEERING REVIEW COMPLETED BY: DREW HUISKEN

FINANCIAL REVIEW COMPLETED BY: JON PESCHONG

CRWS Copy

Drinking Water Facilities Funding Application

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

<p>Applicant: Clark Rural Water System</p> <p>Address: 1001 1st Avenue W Clark, SD 57225</p> <p>Subapplicant:</p> <p>DUNS Number: 928176791</p>	<p>Proposed Funding Package</p> <table style="width: 100%;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right;"><u>\$2,950,000</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:</td> <td style="text-align: right;"><u> </u></td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right;"><u> </u></td> </tr> <tr> <td style="text-align: right;">Other:</td> <td style="text-align: right;"><u> </u></td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;"><u>\$2,950,000</u></td> </tr> </table>	Requested Funding	<u>\$2,950,000</u>	Local Cash	<u> </u>	Other:	<u> </u>	Other:	<u> </u>	Other:	<u> </u>	TOTAL	<u>\$2,950,000</u>
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Local Cash	<u> </u>												
Other:	<u> </u>												
Other:	<u> </u>												
Other:	<u> </u>												
TOTAL	<u>\$2,950,000</u>												

Project Title: Connection to Willow Lake and Bradley, SD Improvements - 2018

Description:

The proposed project would improve water quality and system pressures to approximately 4,300 people in Clark and Codington County. The proposed project will be a combined effort for Clark Rural Water, City of Bradley, SD and the City of Willow Lake, SD. In 2016, Clark RWS completed a study that indicated that the entire system was near or at system capacity. During peak demands, several locations within the water distribution system would experience pressures less than 20 psi and water storage reservoirs would go empty. This has created operational concerns and the inability to provide adequate service to their approximately 4,000 existing customers. The proposed system improvements would include some of the system improvements that were identified in the 2016 report which would greatly increase system capacity and provide the ability to connect Willow Lake, SD as bulk customer. The existing residential customer's monthly water bill for 5,000 gallons per month is approximately \$57.50 (\$35 base charge and \$4.50/ 1000 gallons). See the additional information sheet and the included City of Bradley, SD and the 2016 Clark RWS Report for more information the system improvements.

RECEIVED

DEC 29 2017

The Applicant Certifies That:

DIVISION OF FINANCIAL
& TECHNICAL ASSISTANCE

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.

Steve Arnesen, Chairman

 Name & Title of Authorized Signatory
 (Typed)

Steve Arnesen

 Signature

12-27-17

 Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: SIOUX RURAL WATER SYSTEM, INC.

Project Title: 2018 Water System Improvements

Funding Requested: \$10,921,000

Other Proposed Funding: \$400,000 - Local Cash

Total Project Cost: \$11,321,000

Project Description: This project consists of well field improvements including the rehabilitation of existing wells, raw water pipeline, and meter pits. Treatment improvements are for the expansion of the Castlewood water treatment plant and improvements to the Sioux water treatment plant. The project also includes additional pipeline and pumping facilities in the distribution system and installation of radio meter reading infrastructure and new customer meters. In addition, work associated with the residents of the city of Hazel becoming individual customers of Sioux Rural Water is part of this project.

Alternatives Evaluated: The No action alternative was considered and rejected for all the project components. The proposed projects are needed to meet water demands. The result of no action would be the need to restrict growth of water demand, whether by restricting the addition of new customers, by instituting water restrictions, or both. Sioux Rural Water is the only regional source of water for this area, so restrictions would force area residents to individual water supplies. Historically, individual supplies in the area are prone to contamination and have poor water quality. If no action is taken, there could be times of low water pressure or service outages.

It is necessary for Sioux Rural Water to rehabilitate the existing wells, install additional pipeline and pumping stations, and install new meters to meet system demands. No other alternatives were considered for these components. Three alternatives were considered in the evaluation of water treatment.

Treatment Alternative #1 - Expand Castlewood WTP, Improve Sioux WTP (Chosen Alternative)

This alternative involves expanding the detention and

filtration capacity of the Castlewood WTP. All the wells in the Castlewood well field would pump to the Castlewood WTP. New transfer pumps at Castlewood would deliver treated water to the Sioux WTP to supplement the Sioux WTP capacity. The Sioux WTP capacity would not change and be supplied by the existing Sioux wells.

Treatment Alternative #2 – Expand Treatment Capacity of Both WTP’s

This alternative would involve expanding the aeration, detention, and filtration capacity of both WTP’s. The well field would continue to work as it does currently with some wells pumping to the Sioux WTP and the remainder pumping to the Castlewood WTP. The existing 10-inch raw main would continue to be used as it is currently.

Treatment Alternative #3 – Construct New WTP

This alternative involves building a new stand-alone WTP at the Castlewood well field. The existing Castlewood WTP would continue to be utilized. Essentially, this alternative would be very similar to Alternative #1. Improvements as described as part of Alternate #1 would still be needed at the Sioux WTP and at both well fields. Treated water from the Castlewood WTP would be pumped to the Sioux WTP through the existing raw water main where it would be re-pumped into the distribution system.

Implementation Schedule:

Sioux Rural Water anticipates bidding the first project in September 2018 with all projects being completed by December 2020.

Service Population:

4,345

Current Domestic Rate:

\$64.23 per 7,000 gallons usage

Interest Rate: 2.25 %

Term: 20 years

Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Sioux Rural Water System would have 55% coverage based on the current rate of \$64.23/7,000 gallons.

15% Funding Subsidy: \$1,638,150 subsidy with a loan of \$9,282,850.

Coverage at 15% Subsidy: Based on a 15% subsidy and a loan of \$9,282,850, Sioux Rural Water System would have 65% coverage based on the current rate of \$64.23/7,000 gallons.

25% Funding Subsidy: \$2,730,250 subsidy with a loan of \$8,190,750.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$8,190,750, Sioux Rural Water System would have 74% coverage based on the current rate of \$64.23/7,000 gallons.

50% Funding Subsidy: \$5,460,500 subsidy with a loan of \$5,460,500.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$5,460,500, Sioux Rural Water System would have 111% coverage based on the current rate of \$64.23/7,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ERIC MEINTSMA

FINANCIAL REVIEW COMPLETED BY: JON PESCHONG

RECEIVED

DEC 28 2017

Division of Financial & Technical Assistance

Drinking Water Facilities Funding Application

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

<p>Applicant: Sioux Rural Water System, Inc.</p> <p>Address: 45703 176th Street Watertown, SD 57201-7186</p> <p>Subapplicant:</p> <p>DUNS Number: 180958134</p>	<p>Proposed Funding Package</p> <table style="width: 100%;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right;"><u>\$10,921,000</u></td> </tr> <tr> <td style="text-align: right;">Local Cash</td> <td style="text-align: right;"><u>\$400,000</u></td> </tr> <tr> <td>Other: _____</td> <td>_____</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;"><u>\$11,321,000</u></td> </tr> </table>	Requested Funding	<u>\$10,921,000</u>	Local Cash	<u>\$400,000</u>	Other: _____	_____	Other: _____	_____	Other: _____	_____	TOTAL	<u>\$11,321,000</u>
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Other: _____	_____												
TOTAL	<u>\$11,321,000</u>												

Project Title: 2018 Water System Improvements

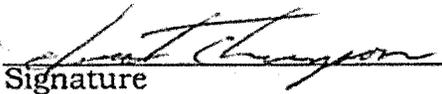
Description:

Sioux Rural Water System proposes water system improvements including well field improvements, water treatment plant improvements, installation of an automatic meter reading (AMR) system, and distribution system improvements. Well field improvements include rehabilitation of existing wells, raw water pipeline, and meter pits. Water treatment plant improvements include expansion of the existing Castlewood Water Treatment Plant from a current treatment capacity of 750 gpm (0.9 MGD) to a total treatment capacity of 2,420 gpm (2.9 MGD). Installation of an AMR system includes radio meter reading infrastructure and new meters for most users. Distribution improvements include additional pipeline and pumping facilities. Sioux Rural Water System also proposes to acquire the City of Hazel's water distribution system and take on city residents as individual rural water customers. The current monthly utility rate for farms and rural residences is a minimum of \$37 + \$3.89/1,000 gal used and \$3.00/1,000 gal used over 100,000 gal.

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.

Heath Thompson - Manager
Name & Title of Authorized Signatory
(Typed)


12-20-2017
 Signature Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: TOWN OF OELRICHS

Project Title:	Water System and Meter Improvements
Funding Requested:	\$447,370
Other Proposed Funding:	None
Total Project Cost:	\$447,370
Project Description:	<p>The town of Oelrichs is proposing a project that includes water tower rehabilitation, fire hydrant replacement, and installation of meter setters and backflow prevention valves.</p> <p>The water tower rehabilitation includes sandblasting and recoating the interior and exterior of the tower, installation of a tank mixer, water tower building replacement, and water main and related appurtenances.</p> <p>Four hydrants will be replaced along with three mainline valves, and meter setters will be installed in thirteen existing meter pits. Approximately fifteen backflow prevention valves will be installed.</p>
Alternatives Evaluated:	<p>The “No Action” alternative was not considered acceptable because it would not address the current problems the system is experiencing.</p> <p>Oelrichs evaluated the possibility of a new water tower instead of rehabilitating the current tower. The new water tower would have increased storage and solved the town’s problems with its aging tower, but the alternative was determined to be too expensive.</p> <p>The replacement of water distribution lines along Maple Street was considered because of the town’s water loss. After further investigation it was determined that most of the water loss is due to old water meters and unmetered water users. For this reason, the city chose the more cost effective option of installing meter setters.</p>
Implementation Schedule:	Oelrichs anticipates bidding the project in September of 2018 with a project completion date of April 2019.
Service Population:	126

Current Domestic Rate: \$75.00 per 5,000 gallons usage

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

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount:	If all funding is provided as loan, Oelrichs would have to establish a surcharge of approximately \$25.80. When added to current rate of \$75.00/5,000 gallons, residents would be paying \$100.80/5,000 gallons.
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50% Funding Subsidy:	\$223,685 subsidy with a loan of \$223,685.
Coverage at 50% Subsidy:	Based on a 50% subsidy and a loan of \$223,685, Oelrichs would have to establish a surcharge of approximately \$12.90 thereby paying a rate \$87.90/5,000 gallons.

75% Funding Subsidy:	\$335,528 subsidy with a loan of \$111,843.
Coverage at 75% Subsidy:	Based on a 75% subsidy and a loan of \$111,843, Oelrichs would have to establish a surcharge of approximately \$6.45 thereby paying a rate \$81.45/5,000 gallons.

90% Funding Subsidy:	\$402,633 subsidy with a loan of \$44,737.
Coverage at 90% Subsidy:	Based on a 90% subsidy and a loan of \$44,737, Oelrichs would have to establish a surcharge of approximately \$2.58 thereby paying a rate \$77.58/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ABBEY LARSON

FINANCIAL REVIEW COMPLETED BY: JON PESCHONG

Drinking Water Facilities Funding Application

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

Applicant: Town of Oelrichs Address: PO Box 32 Oelrichs, SD 57763 Subapplicant: DUNS Number: 012465054	<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;">\$447,370</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;">\$447,370</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$447,370	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$447,370
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Local Cash	_____														
Other:	_____														
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TOTAL	\$447,370														

Project Title: Water Tower Rehabilitation, and Distribution and Meter Improvements

Description:

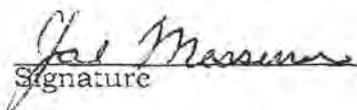
The Town of Oelrichs is proposing a water improvement project consisting of the following primary components: (1) Water Tower Rehabilitation - including a tank mixer, proposed building replacement, sandblasting and recoating of the tower interior and exterior, water main and related appurtenances, and other improvements; (2) Replacement of four hydrants and three mainline valves; (3) The installation of meter setters in thirteen existing meter pits; and, (4) The installation of approximately fifteen backflow prevention valves. (Refer to engineering report for complete details and specifications).

The original facility plan is on file with the SD DENR. However, the project scope, costs and certain pages from the facility plan have been revised to reflect the currently-proposed project (refer to following attachments: A. September 19, 2017 letter and attachments from SPN. B. November 21, 2017 e-mail from SPN with revised costs). The current monthly water rate is a base fee of \$50 plus \$5.00/1,000 gallons (for a resulting total of \$75.00 per month for 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.

Joe Messinio, Town Board President
Name & Title of Authorized Signatory
(Typed)


Signature

12-12-2017
Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: TOWN OF REE HEIGHTS

Project Title: Waterline Replacement Project

Funding Requested: \$509,000

Other Proposed Funding: \$470 - Local Cash

Total Project Cost: \$509,470

Project Description: The town is proposing to replace the town's water system. Upon completion of the project, Mid-Dakota Rural Water System will take over all operational and maintenance requirements of the system and serve Ree Heights users as individual users.

Alternatives Evaluated: The No Action alternative is not recommended because the town's distribution system has exceeded its useful life and needs to be replaced.

The town evaluated two alternatives:

- 1) This alternative consists of Mid-Dakota Rural Water System installing approximately 18,000 feet of new distribution pipe and associated appurtenances, and 48 meter pits to serve the existing residents. Mid-Dakota Rural Water System would then be fully responsible for operating and maintaining the system within Ree Heights.
- 2) This alternative would involve replacing the town's water distribution system with new piping and meter pits. The town would also be required to replace the current water tower. The town would then be responsible for all operations, maintenance and administrative duties of the distribution system.

Alternative 1 was the chosen alternative.

Implementation Schedule: The town of Ree Heights anticipates bidding the project during the summer of 2018 with a project completion date in the spring of 2019

Service Population: 62

Current Domestic Rate: \$23.00 per 5,000 gallons usage

Interest Rate: 2.25%

Term: 30 years

Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Ree Heights would have to establish a surcharge of approximately \$48. Rural household rate from Mid-Dakota RWS is \$64.50/5,000 gallons, which would mean rates of \$112.50/5,000 gallons.

25% Funding Subsidy: \$127,250 subsidy with a loan of \$381,750.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$381,750, Ree Heights would have to establish a surcharge of approximately \$36 thereby paying a rate \$100.50/5,000 gallons.

50% Funding Subsidy: \$254,500 subsidy with a loan of \$254,500.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$254,500, Ree Heights would have to establish a surcharge of approximately \$24.50 thereby paying a rate \$89/5,000 gallons.

75% Funding Subsidy: \$381,750 subsidy with a loan of \$127,250.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$127,250, Ree Heights would have to establish a surcharge of approximately \$12 thereby paying a rate \$76.50/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: JIM ANDERSON

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: Town of Ree Heights Address: PO Box 182 Ree Heights, SD 57371 Subapplicant: DUNS Number:	<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;">\$509,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$470</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;">\$509,470</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$509,000	Local Cash	\$470	Other:		Other:		Other:		TOTAL	\$509,470
Proposed Funding Package															
Requested Funding	\$509,000														
Local Cash	\$470														
Other:															
Other:															
Other:															
TOTAL	\$509,470														

Project Title: Ree Heights Waterline Replacement Project

Description:

The Town of Ree Heights is proposing to replace the water system in town. Ree Heights is currently a bulk user on the Mid-Dakota Rural Water System. Once the water lines are replaced, Mid-Dakota Rural Water System will take over the water system and start billing each individual household on their water usage per month.

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.

Renae Phinney, Town President Name & Title of Authorized Signatory (Typed)	 Signature	December 28, 2017 Date
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FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: CITY OF LAKE NORDEN

Project Title: Water System Improvements

Funding Requested: \$1,477,000

Other Proposed Funding: \$969,000 - EDA

Total Project Cost: \$2,446,000

Project Description: Lake Norden intends to improve their drinking water system by replacing the leaking filter in the water treatment facility and the outdated controls. The city will also develop new water wells with higher quality water to blend with the existing raw water, which is high in iron and manganese. In addition, Lake Norden will construct a new raw water line to connect to the new well field and existing water treatment facility.

Alternatives Evaluated: The water source alternatives evaluated include the development of new raw water wells and a connection to Kingbrook Rural Water System. The connection to Kingbrook would require a larger diameter transmission line and plant upgrades and was more expensive than establishing and developing a new raw water well.

Other treatment alternatives evaluated include a conventional solids contact clarifier, a cone-type clarifier, and a high rate clarifier. Each of these alternatives would use lime to remove iron and manganese before filtration and increase filtration capacity. However, these alternatives require the construction of lime sludge lagoons. The city does not have adequate land for the lime sludge lagoons. All three of these alternatives were determined to be too expensive for this reason.

Implementation Schedule: Lake Norden anticipates bidding the project in January of 2019 with a project completion date of October 2019.

Service Population: 475

Current Domestic Rate: \$24.31 per 5,000 gallons usage

Interest Rate: 2.00%

Term: 20 years

Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Lake Norden would have to establish a surcharge of approximately \$33.19. When added to current rate of \$24.31/5,000 gallons, residents would be paying \$57.50/5,000 gallons.

25% Funding Subsidy: \$369,250 subsidy with a loan of \$1,107,750.

Coverage at 25% Subsidy: Based on a 25% subsidy and a loan of \$1,107,750, Lake Norden would have to establish a surcharge of approximately \$24.89 thereby paying a rate \$49.20/5,000 gallons.

50% Funding Subsidy: \$738,500 subsidy with a loan of \$738,500.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$738,500, Lake Norden would have to establish a surcharge of approximately \$16.59 thereby paying a rate \$40.90/5,000 gallons.

75% Funding Subsidy: \$1,107,750 subsidy with a loan of \$369,250.

Coverage at 75% Subsidy: Based on a 75% subsidy and a loan of \$369,250, Lake Norden would have to establish a surcharge of approximately \$8.30 thereby paying a rate \$32.61/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ABBEY LARSON

FINANCIAL REVIEW COMPLETED BY: JON PESCHONG

Drinking Water Facilities Funding Application

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

<p>Applicant: City of Lake Norden</p> <p>Address: 508 Main Avenue PO Box 213 Lake Norden, SD 57248</p> <p>Subapplicant: None</p> <p>DUNS Number: 830638586</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;">\$2,766,165</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;">\$2,766,165</td> </tr> </table>	Requested Funding	\$2,766,165	Local Cash		Other:		Other:		Other:		TOTAL	\$2,766,165
Requested Funding	\$2,766,165												
Local Cash													
Other:													
Other:													
Other:													
TOTAL	\$2,766,165												

Project Title: Lake Norden Water System Improvements

Description:

The City of Lake Norden proposes to develop a new well field, transmission lines from the well field to the water treatment plant, and water treatment plant improvements.

RECEIVED

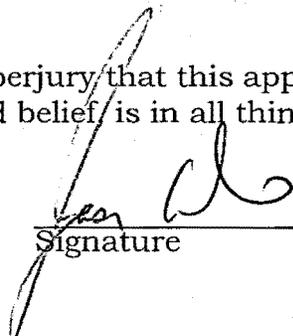
JAN 02 2018

**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.

Jason Aho, Mayor
Name & Title of Authorized Signatory
(Typed)


Signature

12/22/17
Date

FUNDING REQUEST EVALUATION FORM
DRINKING WATER FACILITIES FUNDING APPLICATION
APPLICANT: TOWN OF HUMBOLDT

Project Title: Water Meter Replacement Project

Funding Requested: \$290,000

Other Proposed Funding: None

Total Project Cost: \$290,000

Project Description: The town of Humboldt proposes to upgrade to an automatic meter reading system by replacing all 252 existing water meters. The existing water meters are over 20 years old and beyond their useful life. The town of Humboldt also proposes to purchase the required computer system and software associated with the automatic reading system. The new system will allow meters to be read remotely from a vehicle.

Alternatives Evaluated: The no action alternative would result in the existing old and inaccurate meters remaining contributing to water not being accurately billed. This alternative was not selected.

No other alternatives were evaluated.

Implementation Schedule: The town of Humboldt anticipates bidding the project in October 2018 with a completion date in March 2019.

Service Population: 589

Current Domestic Rate: \$35.00 per 5,000 gallons usage

Interest Rate: 2.00%

Term: 10 years

Security: Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Humboldt would have 110% coverage based on the rate of \$44.00/5,000 gallons.

10% Funding Subsidy: \$29,000 subsidy with a loan of \$261,000.

Coverage at 10% Subsidy: Based on a 10% subsidy and a loan of \$261,000, Humboldt would have 122% coverage based on the current rate of \$44.00/5,000 gallons.

15% Funding Subsidy: \$32,100 subsidy with a loan of \$246,500.

Coverage at 15% Subsidy: Based on a 15% subsidy and a loan of \$246,500, Humboldt would have 128% coverage based on the current rate of \$44.00/5,000 gallons.

20% Funding Subsidy: \$35,200 subsidy with a loan of \$232,000.

Coverage at 20% Subsidy: Based on a 20% subsidy and a loan of \$232,000, Humboldt would have 135% coverage based on the current rate of \$44.00/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: DREW HUISKEN

FINANCIAL REVIEW COMPLETED BY: LUKUS LEIDHOLT

Drinking Water Facilities Funding Application

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

Applicant: Town of Humboldt Address: PO Box 72 Humboldt, South Dakota 57035-0072 Subapplicant: N/A DUNS Number: 015830888	Proposed Funding Package <table style="width: 100%; border: none;"> <tr> <td style="text-align: right;">Requested Funding</td> <td style="text-align: right; border-bottom: 1px solid black;">\$290,000</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;">\$290,000</td> </tr> </table>	Requested Funding	\$290,000	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$290,000
Requested Funding	\$290,000												
Local Cash	_____												
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TOTAL	\$290,000												

Project Title: Phase Two Wastewater Collection Improvements - Water Meters

Description:

The Town of Humboldt proposes to convert approximately 252 existing water meters to an automatic meter reading system. The existing water meters are over 20 years old. Replacement parts are obsolete and their age has contributed to inaccurate readings. Humboldt also proposes to purchase the required computer system and software associated with the new meters. The proposed water metering system will allow the town to more efficiently gather water usage data, detect system leaks quickly, and improve the overall accuracy of the data collected.

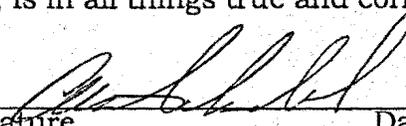
Current water rates are \$35 for 5,000 gallons of usage.

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.

Allen Schmeichel, Town President

 Name & Title of Authorized Signatory
 (Typed)



 Signature

12/26/17

 Date

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

Project Title: Water Meter Replacement

Funding Requested: \$243,000

Other Proposed Funding: None

Total Project Cost: \$243,000

Project Description: The city of Bridgewater has a water meter and meter-read system that has reached the end of its useful life. The existing meters are inaccurate and replacement parts are not currently available due to the age of the meters. The meters are currently manually read by city personnel. The city plans to replace all water meters in the city and install equipment that will allow meters to be read remotely from a vehicle.

Alternatives Evaluated: Alternative 1: No Action. This alternative was not selected because it will not alleviate any of the issues with the current meter and meter-read system.

Alternative 2: Water Meter Replacement. This alternative proposes to replace every water meter in the city and implement a drive-by radio-read system to allow municipal utility personnel to easily and automatically obtain accurate water usage data from residents. This alternative was selected because it will significantly decrease the difficulty of obtaining meter data for the city personnel, allow for more accurate water readings, and will help the city more quickly identify water leaks.

Implementation Schedule: The city of Bridgewater anticipates bidding the project in August 2018 with a project completion date of October 2018.

Service Population: 492

Current Domestic Rate: \$40.00 for 5,000 gallons usage

Interest Rate: 1.00 %

Term: 10 years

Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If funding is provided as all loan, Bridgewater would have 110% coverage based on the rate of \$41.75/5,000 gallons.

10% Funding Subsidy: \$24,300 subsidy with a loan of \$218,700.

Coverage at 10% Subsidy: Based on a 10% subsidy and a loan of \$218,700, Bridgewater would have 124% coverage based on the rate of \$41.75/5,000 gallons.

15% Funding Subsidy: \$36,450 subsidy with a loan of \$206,550.

Coverage at 15% Subsidy: Based on a 15% subsidy and a loan of \$206,550, Bridgewater would have 132% coverage based on the rate of \$41.75/5,000 gallons.

20% Funding Subsidy: \$48,600 subsidy with a loan of \$194,400.

Coverage at 20% Subsidy: Based on a 20% subsidy and a loan of \$194,400, Bridgewater would have 140% coverage based on the rate of \$41.75/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ALLEN PRINCE

FINANCIAL REVIEW COMPLETED BY: LUKUS LEIDHOLT

Drinking Water Facilities Funding Application

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

<p>Applicant: City of Bridgewater</p> <p>Address: PO Box 37 Bridgewater, South Dakota 57319</p> <p>Subapplicant: N/A</p> <p>DUNS Number: 145086984</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;">\$243,000</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;">\$243,000</td> </tr> </table>	Requested Funding	\$243,000	Local Cash	_____	Other:	_____	Other:	_____	Other:	_____	TOTAL	\$243,000
Requested Funding	\$243,000												
Local Cash	_____												
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Other:	_____												
Other:	_____												
TOTAL	\$243,000												

Project Title: Bridgewater Water Meter Replacement Project

Description:

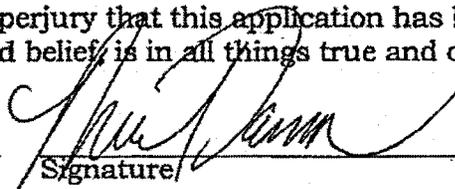
The City of Bridgewater proposes to replace water meters throughout the community. The existing meters are obsolete and inefficient. The current system requires a monthly sight reading. The replacement meters and accompanying software, will allow city employees to drive-by and radio read the meters. The result will be accurate readings and the ability to identify water loss in a timely manner. Replacement parts are no longer available for the existing meters. The desired outcome is increased efficiencies for the residents and the city.

The current water rate for the City of Bridgewater is \$40.00 for 670 cubic feet.

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 Damm, Mayor
Name & Title of Authorized Signatory
(Typed)


Signature

12/28/17
Date

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

Project Title: Southeast Phase 1, Sunset and Railroad Utility Improvements

Funding Requested: \$2,486,000

Other Proposed Funding: \$649,000 - Local Cash

Total Project Cost: \$3,135,000

Project Description: Replace water mains and appurtenance in the southeast area and Sunset neighborhood. Two Dakota & Iowa railroad crossings at LaDelle and Orleans Avenues are being rebuilt, and the city will coordinate with the railroad to replace the water lines at each location.

Alternatives Evaluated: The No Action alternative is not recommended because of the poor condition of the water mains and the city is experiencing frequent water main breaks in the southeast area of the city. The city also has rusty water issues in the Sunset neighborhood.

The recommended alternative is to replace the waterlines and appurtenances. Cast iron and asbestos cement water mains will be replaced with approximately 9,900 feet of 6-inch and 310 feet of 8-inch PVC pipe.

Implementation Schedule: The city of Dell Rapids anticipates bidding the project in February 2019 with a project completion date of October 2020.

Service Population: 3,705

Current Domestic Rate: \$38.20 per 5,000 gallons usage

Interest Rate: 2.5%

Term: 30 years

Security: Project Surcharge

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount: If all funding is provided as loan, Dell Rapids would have to establish a surcharge of approximately \$7.70. When added to current rate of \$38.20/5,000 gallons, residents would be paying \$45.90/5,000 gallons.

15% Funding Subsidy: \$372,900 subsidy with a loan of \$2,113,100.

Coverage at 15% Subsidy: Based on a 15% subsidy and a loan of \$2,113,100, Dell Rapids would have to establish a surcharge of approximately \$6.55 thereby paying a rate \$44.75/5,000 gallons.

30% Funding Subsidy: \$745,800 subsidy with a loan of \$1,740,200.

Coverage at 30% Subsidy: Based on a 30% subsidy and a loan of \$1,740,200, Dell Rapids would have to establish a surcharge of approximately \$5.40 thereby paying a rate \$43.60/5,000 gallons.

50% Funding Subsidy: \$1,243,000 subsidy with a loan of \$1,243,000.

Coverage at 50% Subsidy: Based on a 50% subsidy and a loan of \$1,243,000, Dell Rapids would have to establish a surcharge of approximately \$3.85 thereby paying a rate \$42.05/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: JIM ANDERSON

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 Dell Rapids Address: PO Box 10 Dell Rapids, South Dakota 57022 Subapplicant: N/A DUNS Number: 170381602	<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;">\$2,486,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</td> <td style="text-align: right; border-bottom: 1px solid black;">\$649,000</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;">\$3,135,000</td> </tr> </table>	Proposed Funding Package		Requested Funding	\$2,486,000	Local Cash	\$649,000	Other: _____		Other: _____		Other: _____		TOTAL	\$3,135,000
Proposed Funding Package															
Requested Funding	\$2,486,000														
Local Cash	\$649,000														
Other: _____															
Other: _____															
Other: _____															
TOTAL	\$3,135,000														

Project Title: Southeast Phase 1, Sunset and Railroad Utility Improvements

Description:

The City of Dell Rapids is taking a proactive approach to rehabilitating its water distribution system. The City plans to begin in the southeast area of the city as most of the water main breaks happen in this area. The project includes replacing approximately 8,000 feet of cast iron and asbestos cement water main with polyvinyl chloride (PVC) pipe. The southeast area of the City consists of the area between Garfield Avenue and Beach Avenue from 3rd Street to 7th Street. Rusty water issues in the Sunset neighborhood will be alleviated with the replacement of approximately 1,100 feet of water main. Additionally, the City is coordinating with D&I Railroad's track replacement project to replace 310 feet of cast iron water main at the railroad track crossings at LaDelle Avenue and Orleans Avenue.

The City is hoping to realize economies of scale by combining several smaller projects into one larger project. The City is also applying for State Revolving Fund assistance for a complementary clean water project. Water rates as of 2/20/18 are \$35.20 for 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.

Tom Earley, Mayor

 Name & Title of Authorized Signatory
 (Typed)



 Signature Date

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

Project Title: Palmira Utility Improvements Project

Funding Requested: \$1,214,000

Other Proposed Funding: None

Total Project Cost: \$1,214,000

Project Description: This project involves replacement of approximately 5,000 feet of PVC watermain in the Palmira development of the city of Crooks. Water services, fire hydrants, and valves throughout the development will also be replaced. The existing watermain was installed over 40 years ago and has reached the end of its useful life.

Alternatives Evaluated:

Alternative 1: No Action. This alternative was not selected because this alternative will not address the city of Crooks' aging water infrastructure.

Alternative 2: Palmira Development Water Distribution System Improvements. This alternative proposes to replace the existing PVC watermain, water services, hydrants, and valves in the Palmira development of the city of Crooks. This alternative was selected because it will reduce water loss, increase capacity, and is cost-effective when undertaken concurrent with sanitary sewer replacement in the same development.

Alternative 3: Replace all 4-inch watermain with new 8-inch PVC watermain. This 3-phase alternative proposes to replace all existing 4-inch watermain as well as replace hydrants, valves, and services. Additionally, fire hydrants would be added to dead-end lines and portions of the system would be looped to increase water quality. This alternative would be performed with the proposed sanitary sewer replacement. This alternative was recommended but not selected at this time because most phases have a high capital cost. The city of Crooks plans to complete every phase of this alternative sometime in the future.

Alternative 4: Distribution System Looping. This alternative proposes to loop the distribution system by installing a 12-inch PVC water line along 4th Street to improve water quantity and quality. This alternative was not selected because

significant development on the southwest side of Crooks would have to occur to make the increase in water quality worth the cost of this alternative.

Implementation Schedule: The city of Crooks anticipates bidding the project in June 2018 with a project completion date of November 2018.

Service Population: 1,269

Current Domestic Rate: \$34.00 per 5,000 gallons usage

Interest Rate: 2.5% Term: 30 years Security: System Revenue

DEBT SERVICE CAPACITY

Coverage at Maximum Loan Amount:	If funding is provided as all loan, Crooks would have approximately 92% coverage based on the current rate of \$34.34/5,000 gallons. Crooks would have to raise rates to approximately \$38 to provide 110% coverage.
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25% Funding Subsidy:	\$303,500 subsidy with a loan of \$910,500.
Coverage at 25% Subsidy:	Based on a 25% subsidy and a loan of \$910,500, Crooks would have 110% coverage based on the current rate of \$34.34/5,000 gallons.

ENGINEERING REVIEW COMPLETED BY: ALLEN PRINCE

FINANCIAL REVIEW COMPLETED BY: DAVE RUHNKE

Drinking Water Facilities Funding Application

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

<p>Applicant: City of Crooks</p> <p>Address: PO Box 785 Crooks, South Dakota</p> <p>Subapplicant: N/A</p> <p>DUNS Number: 068098875</p>	<p style="text-align: center;">Proposed Funding Package</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right; padding-right: 20px;">Requested Funding</td> <td style="border-bottom: 1px solid black; text-align: right;">\$1,214,000</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">Local Cash</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;">Other:</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="text-align: right; padding-right: 20px;">TOTAL</td> <td style="border-bottom: 1px solid black; text-align: right;">\$1,214,000</td> </tr> </table>	Requested Funding	\$1,214,000	Local Cash		Other:		Other:		Other:		TOTAL	\$1,214,000
Requested Funding	\$1,214,000												
Local Cash													
Other:													
Other:													
Other:													
TOTAL	\$1,214,000												

Project Title: Palmira Collection and Distribution Project

Description:

The Palmira Collection and Distribution Project addresses deficiencies in the Palmira neighborhood in Crooks. This area is located north of the railroad tracks and east of West Avenue. The water distribution system in this neighborhood is over 40-years old. Replacement of nearly 5,000 feet of water mains and almost 2,000 feet of service line will reduce head loss, reduce water loss and increase the flow capacity.

This project also includes a request for funding for sanitary and storm sewer improvements in the same location and in conjunction with this project.

Current water rates for 5,000 gallons of usage are \$34.00 per month.

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.

Jamison Rounds, Mayor Name & Title of Authorized Signatory (Typed)	Signature	12-29-17 Date
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TITLE: Solid Waste Management Program Funding Application(s)

EXPLANATION: The following application(s) have been received by DENR for funding consideration at this meeting.

- a. Black Gold Biochar, LLC

COMPLETE APPLICATIONS: Application cover sheet and summary sheets with 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/BWNRapps0318.pdf>

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

Solid Waste Management Program Funding Applications



FUNDING REQUEST EVALUATION FORM
SOLID WASTE MANAGEMENT PROGRAM FUNDING APPLICATION
APPLICANT: BLACK GOLD BIOCHAR, LLC

Project Title: Green Waste Cleanup at Hot Springs

Funding Requested: \$250,000

Other Proposed Funding: \$20,000 – Local Cash
\$150,000 – Revolving Loan - Plains Commerce Bank

Total Project Cost: \$420,000

Project Description: Black Gold Biochar is proposing to use its gasification process to eliminate large green waste piles that have accumulated at the Hot Springs maintenance facility. Biochar material and heat will be created and captured as a result of eliminating the green waste. Black Gold Biochar created a partnership with Fall River Feedyard, LLC as an ongoing supplier of cattle manure to assist in the creation of the biochar. Black Gold Biochar’s gasification machine is currently set up in Custer, SD and needs financial assistance to move operations to Hot Springs.

The gasification machine has the capability to process several cubic yards of woody biomass per hour, but first the wood waste will need to be chipped. This project proposes rental of an industrial-sized wood chipper to quickly reduce the size of the pile for use in the gasification machine.

The project is anticipated for a one-year cleanup of the current green waste and an ongoing five-year cleanup of produced waste, with an opportunity for removal. Project expenses will include travel, equipment rental and transportation, set-up, and recurring labor costs.

Type: Solid Waste

Service Population: 3,600

Financial & History Information: Black Gold Biochar, LLC has never received funding from the Solid Waste Management Program.

Fees: Not Applicable

Interest Rate: 2.00 % Term: 5 years Security: Business Revenue

Business Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Solid Waste Management Program Application

Applicant: Black Gold Biochar, LLC, 11953 Pleasant Valley Rd, Unit B, Custer, SD 57730 Address: 11953 Pleasant Valley Rd, Unit B, Custer, SD 57730	Proposed Funding Package SWMP Funds: \$250,000 <hr/> Local Cash: \$20,000
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Other: Revolving Loan – Plains Commerce Bank \$150,000

Other: Sold Waste Management Program Loan: \$0.00

Other: _____

Total Project Cost: \$420,000

Phone: 605-216-8743

Project Title: Black Gold Bio Char Green Waste Clean-up Hot Springs

Continual Flow Gasification:

New technology for Utilization of Urban Green Waste, Forest Slash and the Production and Marketing of Biochar a Soil Amendment and Filtrate for Carbon Capture and Combined Heat and Power

Description: Improving, automating and marketing Black Gold Biochar’s innovative gasification process in a project wherein Black Gold Biochar (BGBC) has agreed to utilize the large green waste piles that the City of Hot Springs has stored at their maintenance facility to create biochar material and heat. This relationship is mutually beneficial to the City of Hot Springs and surrounding area. This project creates a positive effect not only within the city and surrounding community but within the county. BGBC has created a partnership with Fall River Feedyard, LLC as an ongoing supplier in cattle manure, material to mix with the green waste in production of environmentally safe Biochar. BGBC designed and built a full-scale gasification machine capable of consuming several cubic yards of woody biomass per hour. This unique patent pending design consumes chipped or ground biomass. The BGBC machine does not burn biomass fuel but bakes it to produce biochar, syngas, and heat through a unique continual throughout design.

March 27, 2018

Item 11

TITLE: Colman Request to amend Consolidated Water Facilities Construction Program Grant 2016G-102

EXPLANATION: In March 2016, the Board awarded a \$500,000 CWSRF loan and a \$700,000 CWFCP grant to the city of Colman for replacement of water main adjacent to Highway 34 and address a funding shortfall in a previous water tower replacement project. This project represents the third and final phase of a multi-phase project to replace the majority of both the water and wastewater systems with PVC pipe. The Highway 34 Water Main Replacement project was completed in October of 2017 and the total eligible costs have exceeded the available funding by approximately \$46,000.

On January 22, 2018, the department received a letter from the city of Colman requesting \$46,000 in additional funding from the Board of Water and Natural Resources to address the current funding shortfall. Construction costs exceeded the estimates at the time of the original award and that is largely responsible for the shortfall.

The city of Colman has since contacted the East Dakota Water Development District for assistance in the \$46,000 shortfall. East Dakota agreed to fund 50% of the shortfall, which equates to \$23,000, leaving a remaining shortfall of \$23,000.

RECOMMENDED ACTION: Approve the First Amendment to the Consolidated Water Facilities Construction Program Grant 2016G-102, increasing the total project amount to \$1,223,000 and adjusting the grant percentage to 59.2 percent of total eligible project costs, not to exceed \$723,000.

CONTACT: Drew Huisken, 773-4216

City of Colman

PO Box 54 ✦ 112 N Main Colman, SD 57017 ✦ Phone 605-534-3611 ✦ Fax 605-684-8980

Brad Johnson, Chairman
Board of Water and Natural Resources
523 E. Capitol Ave
Pierre, SD 57501

RE: Request for Additional Funding
Consolidated Grant: 2016G-102
SRF Loan: C462144-04
Colman Drinking Water System Improvements
Colman, South Dakota

Chairman Johnson:

The City of Colman is requesting \$46,000.00 in additional funding from the Board of Water and Natural Resources Consolidated Water Facilities Construction Program to address a funding shortfall to the SD Highway 34 drinking water reconstruction project.

This drinking water project is the third of three proposed projects recently funded by the SD DENR. The first project included replacing watermains within the City of Colman. The second project included erecting a 100,000 gallon elevated tower and demolishing the existing water tower. The third and final project consists of replacing watermains along US Highway 34. Construction costs increased since the SD DENR funding package was awarded and this increase in costs resulted in a funding shortfall of approximately \$46,000.00 for this project.

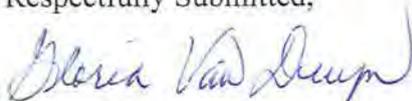
The City of Colman is committed to completing the water tower construction project and plans to seek additional funding from alternative sources if additional funding from the SD DENR is not awarded. The following options for additional financial assistance are being considered for this project:

Option 1 – Preferred Option: Obtain an additional \$46,000.00 in additional funding from the Board of Water and Natural Resources.

Option 2: Obtain additional funding through an alternative funding source like USDA Rural Development, the Rural Electric Economic Development (REED) Fund, a local bank or other lending institution.

As you are aware, the City of Colman is a relatively small community with limited resources. We are requesting additional funding in the amount of \$46,000.00 to help with this project. Again, the City of Colman appreciates the financial assistance that has been provided for this project, and is hopeful that you will receive our request for additional funds favorably.

Respectfully Submitted,



Gloria Van Duyn, Mayor
City of Colman

March 27, 2018

Item 12

TITLE: Sioux Rural Water System Request to Amend the scope of Drinking Water State Revolving Fund Loan C462433-01 and Consolidated Water Facilities Construction Program Grant 2016G-106

EXPLANATION: In March 2015, the Board awarded a \$2,515,000 DWSRF loan and a \$2,000,000 CWFCP grant to the Sioux Rural Water System for construction of improvements to the distribution system, well field, and SCADA system. Construction for the projects associated with this loan and grant are nearly complete and the Sioux Rural Water System is anticipating having an excess in funding of about \$600,000.

On February 26, 2018, the department received a letter from the Sioux Rural Water System requesting to amend the scope of the current funding to include projects established in the 2018 Water Systems Improvements facility plan.

Sioux Rural Water submitted a funding application that the board will consider at today's meeting. The 2018 Water Systems Improvements facility plan establishes the projects associated with the funding application. This amendment will allow Sioux Rural Water to use the excess funds in the current funding package on those projects as well.

RECOMMENDED ACTION: Approve the First Amendment to the Drinking Water SRF Loan C462433-01 and Consolidated Water Facilities Construction Program Grant 2016G-106, effectively changing the scope of the loan and grant to include the projects proposed in the 2018 Water Systems Improvements facility plan.

CONTACT: Eric Meintsma, 773-4216



PHONE (605) 882-1321
FAX (605) 882-4990

45703 176th Street
Watertown, SD 57201-7186

RECEIVED

FEB 26 2018

Division of Financial
& Technical Assistance

February 13, 2018

Board of Water and Natural Resources
c/o Mike Perkovich
Department of Environment and Natural Resources
Water and Waste Funding Program
523 East Capital
Pierre, SD 57501-3182

Dear Gentlemen:

Sioux Rural Water System Inc. requests to amend the scope of DWSRF Loan C462433.01 and CWFCP Grant 2016G-106 to include projects established in the 2018 Water Systems Improvements facility plan. Project costs for the currently funded project were lower than anticipated. Amending the existing DWSRF loan and CWFCP grant will allow Sioux Rural Water System Inc. to carry over these funds for use in the next DENR funded project.

Respectfully,

A handwritten signature in black ink, appearing to read "Heath Thompson", written in a cursive style.

Heath Thompson
General Manger

Sioux Rural Water System, Inc. is an equal opportunity provider and employer.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.

March 27, 2018

Item 13

TITLE: Westport Request to Amend funding and scope of Clean Water State Revolving Fund Loan C461409-01 and Consolidated Water Facilities Construction Program Grant 2017G-101

EXPLANATION: In March 2016, the Board awarded a \$445,000 Clean Water SRF loan and a \$172,000 Consolidated grant to the town of Westport for construction to replace a lift station and install storm sewer line.

The town of Westport requested to amend the scope of the Wastewater and Storm Sewer Improvements project. The request is to eliminate storm sewer construction from the project scope. The estimated project cost for replacing the lift station is \$300,000.

RECOMMENDED ACTION: Approve the request to reduce the current funding package to \$300,000 and the project scope to only include the replacement of a sewer lift station.

CONTACT: Eric Meintsma, 773-4216

RECEIVED

MAR 12 2018

Division of Financial
& Technical Assistance

City of Westport
PO Box 18
Westport SD 57481
3/06/2018

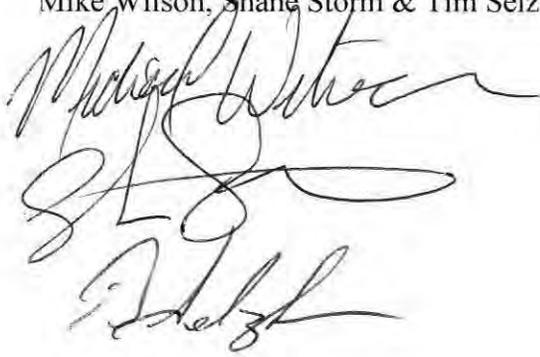
Dear DENR:

Please amend the Westport lift Station and Sewer project. The board has chosen to do the lift station project at this time. The city has been informed of the loan adjustment.

Sincerely,

City of Westport Town Board

Mike Wilson, Shane Storm & Tim Selzler

Three handwritten signatures in black ink are stacked vertically. The top signature is the most legible and appears to be 'Mike Wilson'. The middle signature is more stylized and appears to be 'Shane Storm'. The bottom signature is also stylized and appears to be 'Tim Selzler'.

TITLE: Board of Water and Natural Resources State Fiscal Year 2019 Meeting Schedule

EXPLANATION: Each year the board establishes a tentative meeting schedule for the coming fiscal year. The following dates are suggested for the board's consideration for State Fiscal Year 2019.

September 27-28, 2018
November 8, 2018
January 3, 2019
March 28-29, 2019
June 27-28, 2019

RECOMMENDED ACTION: Set tentative State Fiscal Year 2019 schedule for Board of Water and Natural Resources meetings.

CONTACT: Mike Perkovich, 773-4216

SFY 2019 BWR Meeting Calendar

July 2018

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

August 2018

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September 2018

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30						

October 2018

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November 2018

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December 2018

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23	24	25	26	27	28	29
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January 2019

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27	28	29	30	31		

February 2019

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March 2019

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April 2019

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May 2019

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19	20	21	22	23	24	25
26	27	28	29	30	31	

June 2019

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23	24	25	26	27	28	29
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