

**FISCAL YEAR 2019 INTENDED USE PLAN
FOR THE
NORTH DAKOTA CLEAN WATER STATE REVOLVING FUND**

**PREPARED BY THE
CLEAN WATER STATE REVOLVING LOAN FUND PROGRAM
MUNICIPAL FACILITIES DIVISION
ENVIRONMENTAL HEALTH SECTION
NORTH DAKOTA DEPARTMENT OF HEALTH**

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CWSRF FY2019 IUP
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I. INTRODUCTION

The State of North Dakota proposes to adopt this Intended Use Plan (IUP) for federal fiscal year (FY) 2019 as required under Section 606(c) of the Clean Water Act (CWA).

The primary purpose of the IUP is to identify the proposed use of funds available to the Clean Water State Revolving Fund (CWSRF). The CWSRF is administered in the state by the North Dakota Department of Health (NDDoH). The IUP has been reviewed by the public and reflects the results of such review. Based on current available funds, future Environmental Protection Agency (EPA) grants, state match, leveraging opportunities, and loan repayments, it is estimated that the CWSRF program can provide the funding requested over the next four years and still meet program debt requirements.

The interest rate for CWSRF loans remains at 1.5 percent for a maximum term of 30 years. In addition, there is an administrative fee of 0.5 percent paid in conjunction with loan repayments. The effective combined interest rate of 2.0 percent will be offered through the 2019 calendar year. The administrative fee is deposited in the SRF Administration Account and will be used to augment the administration set aside as needed and to assure that the CWSRF will have sufficient funds to administer the program in perpetuity, as required by law. The balance in the State Administration Account at the end of 2018 was approximately \$17.0 million.

The master trust indenture provides for and identifies the procedure for cross-collateralization between the two SRF programs. In the event there are insufficient amounts available to make scheduled principal and interest payments on outstanding CWSRF bonds when payments are due, the trustee may transfer available excess revenues from the Drinking Water State Revolving Fund (DWSRF) to the CWSRF bond fund to meet the deficiency. Following such a transfer, the CWSRF has an obligation to reimburse the DWSRF with future available CWSRF excess revenues.

II. LIST OF PROJECTS

The state is considering the Project Priority List (PPL) of eligible projects for receiving CWSRF funds in 2019. Attachment A is the PPL in alphabetical order. The PPL in Attachment B identifies in priority order the projects that will be used to provide additional subsidization.

The PPL identifies potential projects eligible for CWSRF funds. The CWSRF funds will be administered on a first-come, first-served basis, regardless of the project's ranking on the priority list. The priority ranking system is composed of six categories: Stream Segment Improvement Value; Use Attainability; Public Health Impact; Legal; Permit Violations/Enforcement Actions; and Green Project Reserve. Each Project receives five points from only one of the six categories. The State funds all projects which qualify for loans, regardless of

which ranking category they fall into. Additional projects that are not on the PPL can be added to the list by the amendment process identified in the CWSRF rules.

The CWSRF may be used for the following purposes:

1. Low interest loans to political subdivisions, which can total up to one hundred percent of the project cost. Qualifying projects may be categorized as follows:
 - a. Secondary or more stringent treatment
 - b. Infiltration/inflow (I/I) correction
 - c. Sewer system rehabilitation
 - d. New collector sewers and appurtenances
 - e. New interceptors and appurtenances
 - f. Correction of combined sewer overflows
 - g. Construction of new storm sewers
 - h. Recycled water distribution
2. Refinancing of existing debt obligations for municipal wastewater facilities if the debt was incurred and construction initiated after March 7, 1985.
3. Guarantee or purchase insurance for local debt obligations.
4. Loan guarantees for "substate revolving funds".
5. Nonpoint source implementation projects/programs, including landfill and irrigation of agricultural cropland.

III. SOURCES AND USES OF FUNDS

A. Capitalization Grants

The NDDoH has applied for and received FY2018 capitalization grant funds in the amount of \$7,859,000. This represents the amount that the State is eligible to receive under the base program grant for FY2018. Attachment C summarizes the sources and uses of the FY2018 capitalization grant funds which the State has received. The NDDoH will also apply for the FY2019 capitalization grant, the amount of which is undetermined at this time. The sources and uses of the FY2019 funds will follow the rules set forth by EPA, and will be similar to the percentages shown in Attachment C. As shown in Attachment C, the administrative allowance is reserved for administrative costs. The options for determining the administrative allowance are as follows: \$400,000, 1/5 percent of the current valuation of the fund, or 4 percent of all grant awards to the fund for the fiscal year.

B. Transfer of funds between CWSRF and DWSRF

At the governor's discretion, the State may transfer up to 33 percent of its CWSRF capitalization grant to the DWSRF or an equal amount from the DWSRF to the CWSRF. In addition to transferring grant funds, the State can transfer state match, investment earnings, principal and interest repayments, unrestricted cumulative excess, restricted cumulative excess, or Federally Capitalized Loan Account (FCLA) between SRF programs.

Transfers were authorized by the Governor in 2002, 2004, 2007, 2009, and 2015. These funds are transferred between the programs when necessary. The Governor's authorizations are as follows:

- 2002 - \$10.0 million from DWSRF to CWSRF
- 2002 - \$10.0 million from CWSRF to DWSRF
- 2004 - \$4.0 million from CWSRF to DWSRF
- 2007 - \$20.0 million from CWSRF to DWSRF (with provision to return funds to CWSRF as needed)
- 2009 - \$2.6 million of American Recovery and Reinvestment Act (ARRA) funds from CWSRF to DWSRF
- 2015 - \$60.0 million from DWSRF to CWSRF (with provision to return funds to DWSRF as needed)

The transfer of funds from CWSRF to DWSRF in 2018 was \$12,156,132. The NDDoH is anticipating a transfer of funds from the CWSRF to the DWSRF in 2019. Approximately \$1,000,000 of non-federal funds will be transferred. With this transfer, the DWSRF program will be able to fund additional projects during 2019.

The NDDoH transfers funds on a net basis, since prior transfers have occurred between the two SRFs. A combined total of \$51.5 million was transferred from the CWSRF to the DWSRF and \$29.1 million was transferred back from the DWSRF to the CWSRF. The net transfer between programs is \$22.5 million from the CWSRF to the DWSRF. Attachment D itemizes the amount of funds transferred to and from the CWSRF program.

IV. CRITERIA AND METHODS FOR THE DISTRIBUTION OF FUNDS

CWSRF funds will be distributed using the method, criteria, and eligible activities described in the CWSRF program rules. The methods and criteria used are designed to provide maximum flexibility and assistance which is affordable to the community, while providing for the long-term viability of the fund.

A. Loan Terms and Fees

Under North Dakota's base CWSRF program, the maximum repayment period for loans is 30 years following project completion. If a loan term greater than 20 years is desired, the useful life of the project components must be analyzed to determine if the project qualifies for an extended term. Beginning January 1, 2017, the loan interest rate was lowered to 1.5 percent plus an administrative fee of 0.5 percent. This rate will continue throughout 2019. For loan recipients that are not eligible for tax-exempt financing, the loan interest rate is 2.5 percent plus an administrative fee of 0.5 percent. The NDDoH reserves the right to leverage as needed to meet the demand for loans and assist communities currently on the priority list. Should leveraging be needed, those loans may be subject to an interest rate of 75 percent of the current market interest rate (including the 0.5 percent administrative fee). The current market interest rate is 3.5 percent, based upon competitive 20-year bond sales for the fourth quarter of 2017 in North Dakota.

B. Additional Subsidization Set-Aside Requirement - Section 603(i)

The FY2018 appropriation rules require that 10 percent of the capitalization grant be provided in the form of additional subsidies. The CWSRF program will provide these additional subsidies as loan forgiveness which will be allocated based on the Relative Future Wastewater Cost index (RFWCI). The RFWCI is defined as the ratio of expected average annual residential user charge for wastewater service resulting from the project to the local annual median household income (as determined by the 2012 - 2016 American Community Survey 5-year estimate).

Loan forgiveness offers will be sent to a group of the highest-ranking projects on the Priority List. Applicants will be considered on a first come, first served basis according to which project submits a loan application first. These projects will receive up to 30 percent of their eligible costs in loan forgiveness until 10 percent of FY2018 capitalization grant has been allocated. The remaining 70 percent or more of the project cost will be funded with loans from the base CWSRF program at a rate of 1.5 percent plus an administrative fee of 0.5 percent.

The 2019 PPL in Attachment B identifies in priority order the projects that will be used to provide additional subsidies via principal forgiveness. Any subsequent amendment to this PPL will likewise identify projects capable of utilizing 10 percent of the FY2018 capitalization grant for additional subsidies via principal forgiveness.

C. Affordability Criteria - Section 603(i)(2)

The CWSRF Program developed Affordability Criteria to be used on grants after FY2014. The Affordability Criteria, defined in Attachment E, are based on income,

unemployment data, population trends, and the Relative Future Wastewater Cost Index. The Water Resources Reform and Development Act (WRRDA) allows states to offer up to 30% of the capitalization grants for additional subsidization for communities with affordability issues. North Dakota has chosen not to offer additional subsidies to communities with affordability issues.

D. Green Project Reserve (GPR) Set-Aside Requirement

The FY2018 appropriation rules require that, to the extent there are sufficient eligible project applications, not less than 10 percent of the funds provided for projects be used for GPR projects such as: water efficiency, energy efficiency, green infrastructure, or other environmentally innovative activities.

The PPL has sufficient projects with qualifying components. Sixty-three projects listed on the attached 2019 PPL contain components qualifying as green infrastructure in the amount of \$55,503,000. The 10 percent requirement is \$ \$785,900; therefore, the CWSRF program should meet this requirement. Eligibility of these components will be verified using the required business case prior to award of financial assistance. Should those projects not proceed with loans, other projects identified on the PPL will meet the GPR requirement.

E. Anticipated Cash Draw Ratio

The program is currently over-matched. The 2018 bond issue provided for the required 20 percent state match through 2025 capitalization grants. Loan recipient draw requests will be funded with 100 percent federal funds. When federal funds are no longer available, disbursement of FCLA funds will be used to fund loan recipient draw requests. If bonds are issued during the year, the state match bonds will be expended first, followed by leveraged bond proceeds.

V. GOALS AND OBJECTIVES

A. Long Term Goal

The long term goal of the CWSRF is to maintain or restore and enhance the chemical, physical, and biological integrity of the state's waters for the benefit of the overall environment, the protection of public health, and the promotion of economic well being.

B. Short Term Goals for FY2019

The short term goal is to continue to improve the quality of the state's waters, meet the wastewater treatment needs of the state, and to eliminate any public health hazards related to the discharge of inadequately treated wastewater.

1. The CWSRF intends to fund fifty wastewater treatment plant upgrades to assure continued compliance with secondary treatment standards and protect surface water resources.
2. The CWSRF intends to fund one advanced treatment facility.
3. The CWSRF intends to fund one hundred and twenty-three projects to replace or rehabilitate aging sewer systems, and I/I correction projects.
4. The CWSRF intends to fund five projects to provide new collector sewer facilities.
5. The CWSRF intends to fund twenty-nine stormwater – grey infrastructure projects to improve stormwater management.
6. The CWSRF intends to fund fourteen new interceptor sewer systems and appurtenances.
7. The CWSRF intends to fund six water reuse and efficiency projects.
8. The CWSRF intends to fund nonpoint source projects to construct livestock waste management facilities which will protect surface water resources.

C. Long Term Objectives

1. Maintain a permanent, self-sustaining CWSRF program that will serve in perpetuity as a financing source for wastewater treatment works projects and water pollution control activities, including nonpoint source and groundwater protection projects.
2. Fulfill the requirements of pertinent federal, state, and local laws and regulations governing water pollution control activities, while providing the state and local project sponsors with maximum flexibility and decision-making authority regarding such activities.
3. Encourage a range of practices that support sustainable wastewater infrastructure and overall system sustainability.

D. Short Term Objectives

1. Continue to administer the current CWSRF program, providing low interest rate financing (up to one hundred percent loans) for municipal wastewater facilities (CWA section 212) and eligible nonpoint source (CWA section 319) projects.
2. Ensure the technical integrity of CWSRF projects through the review of planning, design, and construction activities.
3. Ensure compliance with all pertinent federal, state, and local water pollution control laws and regulations.
4. To the extent possible, obtain maximum capitalization of the fund for the state.

VI. INFORMATION ON THE ACTIVITIES TO BE SUPPORTED

The primary type of assistance to be provided by the CWSRF is expected to be loans and refinancing of existing debts, where eligible. The state plans on reserving an amount equal to 0.2 percent per year of the current CWSRF valuation for administrative expenses which will be paid from recycled loan funds. At least 10 percent of the capitalization grant amount will be utilized to fund GPR projects. The CWSRF program will provide 10 percent additional subsidization from the FY2018 capitalization grant.

From the CWSRF, assistance will be provided to any municipality, other local political subdivision of the state, or any other entity constituting a political subdivision under the laws of North Dakota for the construction of publicly-owned wastewater treatment facilities (WWTF), and for the implementation of nonpoint source pollution control programs in conjunction with the CWSRF rules adopted by the division.

VII. ASSURANCES AND SPECIFIC PROPOSALS

The state has assured compliance with the following sections of the law in the State/EPA Operating Agreement. In addition, the state has developed specific proposals on implementation of those assurances in the rules promulgated by the division.

A. Section 602(a) - Environmental Reviews

The State of North Dakota certifies that it will conduct environmental reviews of each Section 212 project receiving assistance from the CWSRF. North Dakota will either follow National Environmental Protection Agency procedures or equivalent state procedures in conjunction with such environmental reviews.

B. Section 602(b)(3) - Binding Commitments

The State of North Dakota certifies that it will enter into binding commitments equal to at least one hundred twenty percent of each quarterly grant payment within one year after receipt.

C. Section 602(b)(4) - Timely Expenditures

The State of North Dakota certifies that it will expend all funds in the CWSRF in an expeditious and timely manner.

D. Section 602(b)(5) - First Use Enforceable Requirements

The State of North Dakota certifies that all major and minor Wastewater Treatment Facilities that the state has previously identified as part of the National Municipal Policy Universe are in compliance. North Dakota does not have any projects on the National Municipal Policy list, therefore the “first use” requirement does not apply.

E. Section 602(b)(6) - Compliance with Title II Requirements

The State of North Dakota certifies that it will ensure that sufficient financial assistance is provided from the fund to treatment works projects with eligible construction costs to satisfy the Title II equivalency requirements in an amount equal to the funds directly made available by the federal capitalization grant, if required by Federal Law.

F. Section 602(b)(9) Generally Accepted Accounting Principles (GAAP)

The State will require assistance recipients to complete SFN7804, SRF Request for Payment, so their project accounts are maintained according to Generally Accepted Accounting Principles (GAAP) as issued by the Governmental Accounting Standards Board.

G. Section 602(b)(13) – Cost Effectiveness Analysis

The State will require assistance recipients and their consulting engineer to certify that they have studied and evaluated the cost effectiveness and water/energy efficiency of the project.

H. Section 602(b)(14) – Architect/Engineer (A/E) Procurement

Beginning with FY2015, equivalency projects must meet A/E procurement requirements. The equivalency project for the FY2017 Capitalization Grant will be selected by CWSRF staff during 2019.

I. Section 603(d)(1)(E) – Fiscal Sustainability Planning (FSP)

A recipient of a loan for a project that involves the repair, replacement, or expansion of a publicly owned treatment works is required to develop and implement a FSP or certify that it has developed and implemented such a plan. This is not required of the State at this time.

J. Signage

The State will require assistance recipients to comply with SRF Signage Guidance.

K. Single Audit Act (OMB Circular A-133)

Beginning with FY2015, equivalency projects must meet Single Audit Act requirements. The selected equivalency loan will meet Single Audit Requirements for FY2017.

L. CFR Part 35.3145 - Application of Other Federal Authorities

The State of North Dakota certifies that it will comply with and require all recipients of funds "made directly available by" capitalization grants to comply with applicable Federal authorities. The State also intends to utilize project loan(s) equal to the capitalization grant to meet the equivalency requirements in accordance with Federal Law.

VIII. PUBLIC REVIEW AND COMMENT

A formal public hearing was held for the CWSRF IUP and PPL on February 5, 2019. Questionnaires were received prior to the hearing from most of the applicants listed on the PPL. The questionnaires outlined the cost estimate for each project, the GPR potential, and the timetable for implementation. Information from the questionnaires was also used to calculate the RFWCI index to determine which projects would be eligible for loan forgiveness from the FY2018 capitalization grant. The PPL representing the potential projects was posted on the NDDoH website prior to the hearing. NDDoH staff gave a presentation on the CWSRF program and the plans and requirements for 2019. The PPL and the changes in procedures for the FY2018 capitalization grant were discussed.

Attachment A

Priority Rank/ Priority Points	City	NDPDES ¹ Permit No.	Project Description	Consultant	Project Number	MHI ² (\$)	User Charge (\$)	RFWCI ³ (%)	Category	Cost (\$1,000)	GPR ⁴ Description	GPR ⁴ Amt. (\$1,000)	Loan term (yrs)
88 / 5	Arthur	NDG321415	Storm Sewer Impr.	Moore Eng.	972-01	56,250	375	0.67	VIA	260	NA	0	30
56 / 5	Arthur	NDG321415	Sewer Rehabilitation	Moore Eng.	972-02	56,250	525	0.93	IIIA / IIIB	500	Energy Eff.	200	30
77 / 5	Beach	NDG320354	Sewer Rehabilitation	AE2S	753-03	33,173	251	0.76	IIIA / IIIB	200	NA	0	30
96 / 5	Belfield	ND0022144	Sewer Rehabilitation	TBD	991-01	65,536	406	0.62	IIIA / IIIB	450	Energy Eff.	300	20
86 / 5	Belfield	ND0022144	Sewer Rehabilitation	TBD	991-02	65,536	458	0.70	IIIA / IIIB	966	Energy Eff.	300	20
99 / 5	Belfield	ND0022144	Sewer Rehabilitation	TBD	991-03	65,536	378	0.58	IIIA / IIIB	177	NA	0	20
130 / 5	Berthold	NDG321938	Sewer Rehabilitation	Moore Eng.	976-02	72,031	346	0.48	IIIA / IIIB	600	NA	0	20+
190 / 5	Beulah	ND0021211	Storm Sewer Impr.	Interstate Eng.	990-02	76,042	171	0.22	VIA	310	NA	0	10+
189 / 5	Beulah	ND0021211	Sewer Rehabilitation	Interstate Eng.	990-03	76,042	171	0.23	IIIB	250	NA	0	10+
184 / 5	Beulah	ND0021211	Storm Sewer Impr.	Interstate Eng.	990-04	76,042	199	0.26	VIA	100	NA	0	10+
89 / 5	Bismarck	NDR030412	Treatment Impr.	HDR	909-02	60,320	402	0.67	I	27,419	NA	0	30
162 / 5	Burlington	NDG123442	Sewer Interceptor	Ackerman-Estvold	756-02	93,250	342	0.37	IVB	1,014	NA	0	20+
172 / 5	Burlington	NDG123442	Treatment Impr.	Ackerman-Estvold	756-03	93,250	304	0.33	I	1,085	NA	0	20+
36 / 5	Cando	NDG320672	Sewer Rehabilitation	Moore Eng.	896-01	48,750	578	1.19	IIIA / IIIB	3,500	Energy Eff.	50	20+
73 / 5	Carpio	NDG221351	Sewer Rehabilitation	Moore Eng.	875-01	53,000	425	0.80	IIIB	600	Energy Eff.	600	30
156 / 5	Carrington	NDG322764	Sewer/St. Sewer Rehab.	Interstate Eng.	729-04	51,550	210	0.41	IIA/IIIB/VIA	300	NA	0	20+
11 / 5	Carson	NDG320265	Sewer Rehabilitation	Interstate Eng.	981-01	36,250	830	2.29	IIIA / IIIB	3,500	Energy Eff.	1,390	20+
41 / 5	Cavalier	NDG121954	Sewer Rehabilitation	AE2S	795-03	37,375	417	1.12	IIIB	241	NA	0	30
138 / 5	Center	NDG220036	Sewer Rehabilitation	Ulteig Eng.	915-01	65,000	300	0.46	IIIB	1,770	Energy Eff.	414	30
159 / 5	Colfax	NDG323582	Sewer Rehabilitation	Interstate Eng.	994-03	108,125	417	0.39	IIIB	300	NA	0	30
46 / 5	Columbus	NDG321741	Treat. Impr./Sewer Rehab.	Ackerman-Estvold	984-01	36,607	365	1.00	I / IIIB	454	NA	0	20+
168 / 5	Cooperstown	ND0023213	Sewer Rehabilitation	Moore Eng.	762-03	47,500	166	0.35	IIIA / IIIB	300	NA	0	20+
175 / 5	Cooperstown	ND0023213	Sewer Rehabilitation	Moore Eng.	762-04	47,500	153	0.32	IIIB	200	Energy Eff.	10	20+
157 / 5	Cooperstown	ND0023213	Treatment Impr.	Moore Eng.	762-05	47,500	193	0.41	I	500	NA	0	20+
176 / 5	Des Lacs	NDG322900	Treatment Impr.	Ackerman-Estvold	862-02	77,500	247	0.32	I	93	NA	0	20+
151 / 5	Des Lacs	NDG322900	Sewer Rehabilitation	Ackerman-Estvold	862-03	77,500	332	0.43	IIIB	211	NA	0	20+
140 / 5	Dickinson	ND0023175	Sewer Rehabilitation	Apex Engineering	933-04	74,838	343	0.46	IIIB	2,682	NA	0	30
144 / 5	Dickinson	ND0023175	Sewer Rehabilitation	Apex Engineering	933-05	74,838	333	0.44	IIIB	2,003	NA	0	30
203 / 5	Dickinson	ND0023175	Recycled Water Distribution	Apex Engineering	933-06	74,838	NA		X	1,800	Water Eff.	1,800	30
105 / 5	Dunn Center	NDG120575	Storm Sewer Impr.	Hyalite	958-02	61,250	332	0.54	VIA	250			
106 / 5	Dunn Center	NDG120575	Sewer Impr.	Hyalite	958-03	61,250	332	0.54	IIIB / IVA	376			
107 / 5	Dunn Center	NDG120575	Treatment Impr.	Hyalite	958-04	61,250	332	0.54	I	600			
17 / 5	East Central RWD		Treatment Exp. - Rural Sewers	AE2S	1061-01	50,652	900	1.78	IVB	1,500	NA	0	30
79 / 5	Elgin	NDG322250	Sewer Rehabilitation	Ulteig Eng.	897-01	32,109	240	0.75	IIIB	250	NA	0	30
66 / 5	Ellendale	NDG320711	Sewer Rehabilitation	Interstate Eng.	781-04	42,744	365	0.85	IIIA / IIIB	3,000	NA	0	30
100 / 5	Enderlin	ND0022462	Treatment Impr.	Moore Eng.	794-04	52,083	299	0.57	I	350	NA	0	20+
50 / 5	Enderlin	ND0022462	Sewer/St.Sewer Rehab.	Moore Eng.	833-03	52,083	506	0.97	IIA/IIIB/VIA	1,500	NA	0	20+
67 / 5	Fairmount	NDG123264	Sewer Rehabilitation	Moore Eng.	912-01	48,542	407	0.84	IIIA / IIIB	400	Energy Eff.	50	20+
68 / 5	Fairmount	NDG123264	Sewer/St.Sewer Rehab.	Moore Eng.	912-02	48,542	407	0.84	IIIB / VIA	400	Energy Eff.	10	20+
146 / 5	Fargo	ND0022870	Treat. Exp. - Regional	AE2S	684-08	48,060	211	0.44	IVB	7,000	NA	0	30
139 / 5	Fargo	ND0022870	Sewer Impr.-South Side Impr.	AE2S	684-09	48,060	221	0.46	IVB	12,000	NA	0	30
150 / 5	Fargo	ND0022870	Sewer Rehab.-Eff. FM Impr.	AE2S	684-10	48,060	206	0.43	I	4,400	NA	0	30
142 / 5	Fargo	ND0022870	Stormwater Infrastructure	Houston Eng.	684-11	48,060	219	0.46	VIA	11,000	NA	0	
147 / 5	Fargo	ND0022870	Effluent Reuse Fac. Exp.	AE2S	715-06	48,060	208	0.43	II	5,000	Water Eff.	2,400	30
31 / 5	Fingal	NDG320249	Sewer Rehabilitation	Moore Eng.	947-02	63,125	836	1.32	IIIB	250	Energy Eff.	10	20+
115 / 5	Flasher	NDG321270	Sewer Rehabilitation	Ulteig Eng.	888-02	57,679	300	0.52	IIIA / IIIB	250	Energy Eff.	133	20+
72 / 5	Flaxton	NDG322012	Sewer Rehabilitation	Ackerman-Estvold	1023-01	37,250	301	0.81	IIIA / IIIB	427	Energy Eff.	85	20
64 / 5	Forbes	NDG321466	Sewer Rehabilitation	TBD	1041-01	61,875	538	0.87	IIIA / IIIB	325	Energy Eff.	325	20+
178 / 5	Forman	NDG321369	Sewer Impr.	Moore Eng.	830-02	50,156	153	0.31	IVA	500	NA	0	30
181 / 5	Forman	NDG321369	Treatment Impr.	Moore Eng.	830-02	50,156	145	0.29	I	450	NA	0	30
12 / 5	Fort Ransom	NDG125372	Sewer Rehabilitation	Moore Eng.	960-01	46,250	913	2.27	IIIB	850	Energy Eff.	100	20+
29 / 5	Gardner	NDG322021	Storm Sewer Impr.	Moore Eng.	961-02	50,625	679	1.34	VIA	350	NA	0	20+
5 / 5	Gardner	NDG322021	Treatment Impr.	Moore Eng.	961-03	50,625	1,673	3.30	I	1,000	NA	0	20+

Attachment A

Priority Rank/ Priority Points	City	NDPDES ¹ Permit No.	Project Description	Consultant	Project Number	MHI ² (\$)	User Charge (\$)	RFWCI ³ (%)	Category	Cost (\$1,000)	GPR ⁴ Description	GPR ⁴ Amt. (\$1,000)	Loan term (yrs)
59 / 5	Garrison	NDG122209	Sewer Rehabilitation	Moore Eng.	1024-01	53,580	489	0.91	IIIA / IIIB	3,300	NA	0	20+
163 / 5	Garrison	NDG122209	Sewer Rehabilitation	Moore Eng.	1024-02	53,580	196	0.37	IIIA / IIIB	450	NA	0	20+
109 / 5	Glen Ullin	NDR109364	Storm Sewer Impr.	Moore Eng.	1055-01	51,648	275	0.53	VIA	1,000	NA	0	30
110 / 5	Glen Ullin	NDR109364	Treatment Impr.	Moore Eng.	1055-02	51,648	275	0.53	I	1,000	NA	0	30
34 / 5	Glenburn	NDG321253	Storm Sewer Impr.	Moore Eng.	930-02	62,000	762	1.23	VIA	1,500	NA	0	20+
23 / 5	Glenburn	NDG321253	Sewer Rehabilitation	Moore Eng.	930-03	62,000	961	1.55	IIIA / IIIB	2,100	Energy Eff.	800	20+
125 / 5	Grafton	NDR104000	Sewer Rehabilitation	KLJ	696-04	44,926	226	0.50	IIIB	200	NA	0	15+
122 / 5	Grafton	NDR104000	Treatment Impr.	KLJ	696-05	44,926	227	0.51	I	250	NA	0	15+
62 / 5	Grand Forks	ND0022888	Treatment Impr. - General Upgrade	AE2S	806-04	47,593	425	0.89	I	5,500	Energy Eff.	2,000	20+
51 / 5	Grand Forks	ND0022888	Treatment Impr. - Biosolids Proc.	AE2S	806-05	47,593	459	0.96	I	15,000	Energy Eff.	7,000	20+
48 / 5	Granville	NDG320737	Sewer Rehabilitation	Ackerman-Estvoid	819-03	60,000	590	0.98	IIIA / IIIB	428	Energy Eff.	85	15+
117 / 5	Grenora	NDG323205	Sewer Rehabilitation	Ackerman-Estvoid	999-02	50,833	260	0.51	IIIA / IIIB	656	NA	0	30
118 / 5	Grenora	NDG323205	Sewer Rehabilitation	Ackerman-Estvoid	999-03	50,833	260	0.51	IIIA / IIIB	626	NA	0	30
119 / 5	Grenora	NDG323205	Sewer Rehabilitation	Ackerman-Estvoid	999-04	50,833	260	0.51	IIIA / IIIB	668	NA	0	30
60 / 5	Hannafor	NDG221482	Treat. Impr./Sewer Rehab.	Moore Eng.	1026-01	55,625	502	0.90	I / IIIB	650	NA	0	30
44 / 5	Hannafor	NDG221482	Sewer Rehabilitation	Moore Eng.	1026-02	55,625	568	1.02	IIIA / IIIB	750	NA	0	30
94 / 5	Harvey	NDG120281	Sewer Rehabilitation	Moore Eng.	877-04	37,200	233	0.63	IIIA / IIIB	1,150	Energy Eff.	100	30
103 / 5	Harwood	NDG224562	Sewer Rehabilitation	Moore Eng.	927-01	93,125	520	0.56	IIIB	300	NA	0	30
179 / 5	Hatton	NDG322063	Treatment Impr.	TBD	885-01	46,161	140	0.30	I	200	N/A	0	20
200 / 5	Hazen	NDG120745	Sewer/St.Sewer Rehab.	Moore Eng.	932-03	77,275	124	0.16	IIA/IIIB/VIA	1,074	Energy Eff.	716	30
197 / 5	Hettinger	ND0022497	Treatment Impr.	Moore Eng.	788-02	57,188	108	0.19	I	455	Water Eff.	110	30
171 / 5	Horace	NDG223485	Sewer Interceptor	Interstate Eng.	815-05	107,000	350	0.33	IVB	996	NA	0	20+
136 / 5	Horace	NDG223485	Sewer Interceptor	Interstate Eng.	815-06	107,000	500	0.47	IVB	2,557	NA	0	20+
71 / 5	Horace	NDG223485	Sewer Interceptor	Interstate Eng.	815-07	107,000	870	0.81	IVB	1,008	NA	0	20+
161 / 5	Horace	NDG223485	Sewer Interceptor	Interstate Eng.	815-08	107,000	400	0.37	IVB	697	NA	0	20+
52 / 5	Hunter	NDG322594	Sewer Rehabilitation	Moore Eng.	782-05	53,333	510	0.96	IIIA / IIIB	500	NA	0	30
123 / 5	Jamestown	ND0023370	Treatment Impr.	Interstate Eng.	752-03	49,086	248	0.51	I	2,800	Green & Ener	800	30
134 / 5	Jamestown	ND0023370	Sewer Rehabilitation	Interstate Eng.	808-10	49,086	232	0.47	IIIB	420	NA	0	20+
124 / 5	Jamestown	ND0023370	Storm Sewer Rehab.	Interstate Eng.	808-11	49,086	248	0.51	VIA	6,200	NA	0	20+
152 / 5	Jamestown	ND0023370	Storm Sewer Rehab.	Interstate Eng.	808-12	49,086	210	0.43	VIA	2,200	NA	0	20+
133 / 5	Jamestown	ND0023370	Sewer Rehabilitation	Interstate Eng.	808-13	49,086	234	0.48	IIIB	700	NA	0	30
132 / 5	Jamestown	ND0023370	Treatment Impr.	Interstate Eng.	808-14	49,086	235	0.48	I	5,600	Green	5,600	30
121 / 5	Jamestown	ND0023370	Treatment Impr.	Interstate Eng.	808-15	49,086	250	0.51	I	8,250	NA	0	30
85 / 5	Jamestown	ND0023370	Water Meter Replacement	Interstate Eng.	808-16	49,086	345	0.70	Water Eff	2,835	Water Eff.	2,835	20
9 / 5	Jud	NDG323086	Treat. Impr./Sewer Rehab.	Moore Eng.	1053-01	23,929	585	2.45	I / IIIB	500	NA	0	30
14 / 5	Kathryn	NDG126298	Sewer Rehab.	Moore Eng.	948-02	36,250	777	2.14	IIIB	250	Energy Eff.	250	20
141 / 5	Kenmare	ND0020079	Sewer Rehabilitation	Ackerman-Estv.	1001-01	57,763	264	0.46	IIIA / IIIB	500	NA	0	20+
37 / 5	Killdeer	NDG120753	Treatment Impr.	AE2S	1002-01	67,250	792	1.18	I	4,000	NA	0	30
25 / 5	Kindred	NDG122179	Treat. Impr./Sewer Rehab.	Moore Eng.	832-02	67,750	1,013	1.50	I / IIIB	5,600	NA	0	30
1 / 5	Lake Upsilon RSD		Treatment Impr.	HDR Eng.	1059-01	37,313	3,990	10.69	I	12,183	Green	12,183	30
63 / 5	Lakota	NDR109759	Sewer Rehabilitation	Moore Eng.	799-03	55,313	493	0.89	IIIB	1,200	Energy Eff.	50	20+
57 / 5	LaMoure	NDG120222	Treat. Impr./Sewer Rehab.	Moore Eng.	902-02	54,306	502	0.92	I / IIIB	1,400	NA	0	30
166 / 5	Langdon	ND0020630	Sewer Rehabilitation	Moore Eng.	777-02	65,052	235	0.36	IIIA / IIIB	1,100	Energy Eff.	50	30
174 / 5	Langdon	ND0020630	Storm Sewer Rehab.	Moore Eng.	777-03	65,052	210	0.32	VIA	600	NA	0	30
177 / 5	Langdon	ND0020630	Treatment Impr.	Moore Eng.	777-04	65,052	205	0.32	I	500	NA	0	30
97 / 5	Leeds	NDG322403	Treat. Impr./Sewer Rehab.	Moore Eng.	941-01	53,938	331	0.61	I/IIIA/IIIB	500	Energy Eff.	15	20
13 / 5	Lehr	NDG321512	Sewer Rehabilitation	TBD	950-02	32,188	729	2.26	IIIA / IIB	825	Energy Eff.	825	20+
98 / 5	Lidgerwood	NDG321539	Treatment Impr.	Interstate Eng.	835-04	43,958	255	0.58	I	380	NA	0	20+
39 / 5	Lisbon	NDG122080	Storm Sewer Impr.	Moore Eng.	836-06	55,136	631	1.14	VIA	6,250	NA	0	20+
129 / 5	Lisbon	NDG122080	Sewer Rehabilitation	Moore Eng.	836-07	55,136	271	0.49	IIIA / IIIB	1,570	NA	0	20+
153 / 5	Lisbon	NDG122080	Treatment Impr.	Moore Eng.	836-08	55,136	227	0.41	I	1,000	NA	0	20+
3 / 5	Makoti	NDG321547	Treatment Impr.	Moore Eng.	963-02	39,688	1,417	3.57	I	2,000	NA	0	30
4 / 5	Makoti	NDG321547	Sewer Rehabilitation	Moore Eng.	963-03	39,688	1,354	3.41	IIIB	1,900	NA	0	30
104 / 5	Mandan	ND0022861	Sewer Rehab. / Interceptor	AE2S	775-05	60,034	330	0.55	IIIB / IVB	4,655	Energy Eff.	190	20+
120 / 5	Mandan	ND0022861	Sewer Rehab.-Lining	AE2S	775-06	60,034	306	0.51	IIIB	3,274	Energy & Env	1,250	30
131 / 5	Mandan	ND0022861	Sewer Interceptor-I-94 Trunk	AE2S	775-07	60,034	288	0.48	IVB	814	NA	0	30
42 / 5	Mapleton	NDG220494	Treat. Impr./Sewer Interceptor	Moore Eng.	790-04	78,750	849	1.08	I / IVB	5,805	NA	0	30

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91 / 5	Mapleton	NDG220494	Sewer Rehabilitation	Moore Eng.	790-05	78,750	520	0.66	IIIA / IIIB	1,650	Energy Eff.	1,650	30
193 / 5	Max	NDG321792	Sewer Rehabilitation	Ackerman-Estvold	860-01	51,528	104	0.20	IIIB	52	NA	0	10+
183 / 5	Max	NDG321792	Sewer Rehabilitation	Ackerman-Estvold	860-02	51,528	138	0.27	IIIB	208	NA	0	20+
108 / 5	Mayville	NDG122586	Sewer Rehabilitation	Moore Eng.	848-04	43,472	232	0.53	IIIB	200	NA	0	30
6 / 5	McClusky	NDG320796	Sewer/St. Sewer Rehab.	Moore Eng.	1052-01	27,159	869	3.20	IIA/IIIB/VIA	4,200	NA	0	30
90 / 5	Medina	NDG320800	Treatment Impr.	Moore Eng.	749-03	46,250	307	0.66	I	500	NA	0	30
22 / 5	Medina	NDG320800	Sewer Rehabilitation	Moore Eng.	749-04	46,250	723	1.56	IIIA / IIIB	2,000	NA	0	30
40 / 5	Minot	ND0022896	Sewer Rehab. /Storm Sewer Impr	Houston Eng.	693-07	62,324	707	1.13	IIIB / VIA	45,000	NA	0	30
188 / 5	Minto	NDG220826	Treatment Impr.	AE2S	942-02	64,286	152	0.24	I	234	TBD	TBD	30
201 / 5	Missouri West Water System		Water Meter Replacement	Bartlett and West	1063-01	63,549	0	0.00	Water Eff	374	Water Eff.	800	20
158 / 5	Mohall	NDG320087	Sewer Rehabilitation	Ackerman-Estvold	952-01	62,813	255	0.41	IIIA / IIIB	357	NA	0	30
33 / 5	Mooreton	NDG223671	Sewer Rehabilitation	Interstate Eng.	1042-01	63,333	790	1.25	IIIA / IIIB	853	NA	0	20+
26 / 5	Napoleon	NDG320419	Sewer Impr.	Moore Eng.	727-03	52,083	769	1.48	IVA	578	NA	0	30
15 / 5	New England	NDG122101	Sewer Rehabilitation	Moore Eng.	1035-01	52,500	1,087	2.07	IIIB	4,000	Energy Eff.	200	30
199 / 5	New England	NDG122101	Storm Sewer Impr.	Moore Eng.	1035-02	52,500	89	0.17	VIA	200	NA	0	20+
101 / 5	New England	NDG122101	Treatment Impr.	Moore Eng.	1035-03	52,500	299	0.57	I	1,000	NA	0	20+
43 / 5	New Salem	NDG323051	Sewer Rehabilitation	AE2S	920-01	52,143	550	1.05	IIIB	2,575	NA	0	30
54 / 5	New Town	NDG123256	Treatment Impr.	AE2S	907-01	53,086	502	0.95	I	5,343	NA	0	30
170 / 5	New Town	NDG123257	Sewer Rehabilitation	Ackerman-Estvold	907-02	53,086	174	0.33	IIIA / IIIB	787	NA	0	30
127 / 5	Noonan	NDG321857	Sewer Rehabilitation	Ackerman-Estvold	1020-03	60,500	300	0.50	IIIB	641	NA	0	20+
20 / 5	North Prairie RWD		Treatment Exp. - Rural Sewers	Interstate Eng.	1060-01	63,037	1,048	1.66	IVB	1,945	Env. Inn.	1,945	30
82 / 5	Oakes	NDG120834	Sewer Impr.	Moore Eng.	850-06	53,938	398	0.74	IIA/IIIB/IVA	1,000	Energy Eff.	1,000	30
84 / 5	Oakes	NDG120834	Storm Sewer Impr.	Moore Eng.	850-07	53,938	394	0.73	VIA	940	Water Eff.	940	30
2 / 5	Oberon	NDG320842	Sewer Rehabilitation	Moore Eng.	1038-02	33,929	2,259	6.66	IIIB	2,000	NA	0	30
10 / 5	Page	NDG323221	Sewer Rehabilitation	Moore Eng.	969-01	53,125	1,251	2.35	IIIA / IIIB	1,175	Energy Eff.	300	20+
61 / 5	Park River	NDG122829	Sewer Rehabilitation	AE2S	797-02	45,179	406	0.90	IIIB	929	NA	0	30
182 / 5	Pembina	NDG120257	Treatment Impr.	Widseth Smith Noltin	881-02	74,722	200	0.27	I	1,960	NA	0	30
165 / 5	Plaza	NDG324597	Sewer Rehabilitation	AE2S	1044-01	62,788	228	0.36	IIIB	361	NA	0	30
38 / 5	Plaza	NDG324597	Sewer Rehabilitation	AE2S	1044-02	62,788	722	1.15	IIIA / IIIB	1,717	NA	0	30
55 / 5	Portland	NDG120214	Sewer Rehabilitation	Moore Eng.	853-04	52,708	492	0.93	IIIA / IIIB	780	Energy Eff.	250	20+
93 / 5	Riverdale	NDR110096	Sewer Rehabilitation	Ulteig Eng.	898-01	47,000	300	0.64	IIIA / IIIB	1,141	Energy Eff.	TBD	20+
21 / 5	Robinson	NDG321580	Treat. Impr./Sewer Rehab.	Moore Eng.	895-01	41,250	670	1.62	I/IIIA/IIIB	350	NA	0	30
7 / 5	Rolette	NDG320002	Sewer Rehabilitation	Moore Eng.	1007-01	39,205	1,165	2.97	IIIA / IIIB	4,000	NA	0	30
69 / 5	Rugby	ND0022926	Sewer Rehabilitation	Interstate Eng.	796-01	37,450	307	0.82	IIIA / IIIB	4,460	NA	0	30
135 / 5	Rutland	NDG321300	Treatment Impr.	Moore Eng.	892-01	51,625	244	0.47	I	220	NA	0	20+
95 / 5	Sanborn	NDG320311	Storm Sewer Impr.	Moore Eng.	1008-01	55,250	345	0.62	VIA	225	NA	0	20+
47 / 5	Sanborn	NDG320311	Sewer Rehabilitation	Moore Eng.	953-01	55,250	549	0.99	IIIA / IIIB	525	Energy Eff.	400	20+
148 / 5	Sawyer	NDG122756	Sewer Rehabilitation	Moore Eng.	1045-01	72,083	310	0.43	IIIA / IIIB	500	NA	0	30
24 / 5	Sawyer	NDG122756	Treat./Sewer & St. Rehab.	Moore Eng.	1045-02	72,083	1,111	1.54	I/IIIB/VIA	3,150	NA	0	30
128 / 5	Sherwood	NDG321199	Sewer Rehabilitation	Ackerman-Estvold	1009-01	51,500	254	0.49	IIIA / IIIB	374	TBD	0	20+
27 / 5	Sheyenne	NDG221164	Sewer Rehabilitation	Moore Eng.	1036-01	44,375	651	1.47	IIIB	750	NA	0	30
192 / 5	South Heart	NDR106751	Sewer Rehabilitation	Apex Engineering	1057-01	73,750	152	0.21	IIIA / IIIB	300	NA	0	20+
194 / 5	South Heart	NDR106751	Sewer Rehabilitation	Apex Engineering	1057-02	73,750	149	0.20	IIIA / IIIB	180	NA	0	20+
180 / 5	Stanley	NDG320451	Treatment Impr.	Brosz Eng.	840-02	60,500	175	0.29	I	1,600	NA	0	30
198 / 5	Stanley	NDG320451	Sewer Rehab. (Refinance)	Brosz Eng.	840-03	60,500	108	0.18	IIIB	870	NA	0	20+
185 / 5	Stanley	NDG320451	Sewer Rehabilitation	Brosz Eng.	840-04	60,500	157	0.26	IIIB	4,500	NA	0	30
53 / 5	Streeter	NDG320893	Treat. Impr./Sewer Rehab.	Moore Eng.	1029-01	36,250	346	0.95	I / IIIB	600	NA	0	30
35 / 5	Streeter	NDG320893	Sewer Rehabilitation	Moore Eng.	1029-02	36,250	435	1.20	IIIA / IIIB	800	Energy Eff.	50	30
202 / 5	Stusman Rural Water District		Water Meter Replacement	Bartlett and West	1062-01	53,685	0	0.00	Water Eff	800	Water Eff.	800	20
87 / 5	Surrey	NDG320478	Treatment Expansion	AE2S	989-01	86,667	601	0.69	I	3,090	NA	0	30
49 / 5	Sykeston	NDG120141	Sewer Rehabilitation	Moore Eng.	1011-01	64,583	632	0.98	IIIA / IIIB	800	NA	0	30
155 / 5	Thompson	NDG320915	Treatment Impr.	Pribula Eng.	774-01	88,125	360	0.41	I	1,500	NA	0	30
92 / 5	Tioga	NDG320923	Sewer Rehabilitation	Ackerman-Estvold	1017-02	58,478	385	0.66	IIIA / IIIB	8,824	NA	0	30
113 / 5	Tower City	NDG322314	Storm Sewer Impr.	Moore Eng.	852-03	51,667	271	0.52	VIA	300	NA	0	30
114 / 5	Tower City	NDG322314	Treat. Impr./Sewer Rehab.	Moore Eng.	852-04	51,667	271	0.52	I / IIIB	300	NA	0	30
28 / 5	Towner	NDG121822	Sewer Rehabilitation	Moore Eng.	1012-01	43,125	620	1.44	IIIA / IIIB	1,500	NA	0	30
204 / 5	Tuttle	NDG323451	Sewer Rehabilitation	TBD	1051-01	58,125	TBD		IIIB	TBD	NA	0	30
126 / 5	Upham	NDG322551	Sewer Rehabilitation	Ackerman-Estvold	1056-01	39,250	197	0.50	IIIB	175	NA	0	25+
70 / 5	Valley City	ND0020559	Sewer/St. Sewer Rehab.	KLJ	887-03	52,176	427	0.82	IIIB / VIA	3,200	NA	0	30
78 / 5	Valley City	ND0020559	Storm Sewer Impr.	KLJ	887-04	52,176	393	0.75	VIA	1,784	NA	0	30

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116 / 5	Velva	NDG120290	Sewer Rehabilitation	Ackerman-Estvold	954-02	41,314	215	0.52	IIIB	350	NA	0	20+
102 / 5	Velva	NDG120290	Sewer Rehabilitation	Ackerman-Estvold	954-03	41,314	232	0.56	IIIA / IIIB	482	NA	0	20+
32 / 5	Verona	NDG325062	Sewer Rehabilitation	Moore Eng.	1013-01	38,750	497	1.28	IIIA / IIIB	300	Energy Eff.	300	30
16 / 5	Verona	NDG325062	Treatment Impr.	Moore Eng.	1013-02	38,750	741	1.91	I	500	NA	0	30
74 / 5	Verona	NDG325062	Water Meter Replacement			38,750	302	0.78	Water Eff	100	Water Eff.	100	20
80 / 5	W. River W&S Dist		Treatment Impr.	Ackerman-Estvold	1016-01	63,037	471	0.75	I	125	NA	0	20+
83 / 5	W. River W&S Dist		Sewer Rehabilitation	Ackerman-Estvold	1016-02	63,037	461	0.73	IIIB	85	Energy Eff.	TBD	20
75 / 5	Wahpeton	ND0020320	Sewer Rehab.-East Side Impr.	Interstate Eng.	940-03	49,375	384	0.78	IIIB	5,926	Energy Eff.	2,697	30
164 / 5	Wahpeton	ND0020320	Sewer Interceptor-LS #11	Interstate Eng.	940-04	49,375	180	0.36	IVB	650	NA	0	30
167 / 5	Wahpeton	ND0020320	Sewer Rehab.-LS #1	TBD	940-05	49,375	175	0.36	IIIB	370	NA	0	30
145 / 5	Wahpeton	ND0020320	Sewer Rehab.-8th Ave N	Interstate Eng.	940-06	49,375	219	0.44	IIIA / IIIB	2,167	NA	0	30
160 / 5	Wahpeton	ND0020320	Sewer/St. Rehab.-Loy Ave & 12th	TBD	940-07	49,375	188	0.38	IIIB / VIA	967	NA	0	30
154 / 5	Wahpeton	ND0020320	Sewer/St. Rehab.-15th Ave & 14th	TBD	940-08	49,375	203	0.41	IIIB / VIA	1,560	NA	0	30
169 / 5	Wahpeton	ND0020320	Sewer Rehab-LS #4	TBD	940-09	49,375	172	0.35	IIIB	235	NA	0	30
143 / 5	Wahpeton	ND0020320	Treatment Impr.	TBD	940-10	49,375	224	0.45	I	370	Energy Eff.	200	30
149 / 5	Walcott	NDG321831	Treat. Impr./Sewer Rehab.	AE2S	914-01	70,000	301	0.43	IIIB	404	NA	0	20
186 / 5	Walhalla	NDG122608	Storm Sewer Impr.	Moore Eng.	1030-01	36,250	89	0.25	VIA	200	NA	0	20+
76 / 5	Walhalla	NDG122608	Sewer Rehabilitation	Moore Eng.	1030-02	36,250	280	0.77	IIIA / IIIB	1,500	Energy Eff.	25	20+
58 / 5	Watford City	NDG321849	Sewer Rehab.-CSI LS Repl.	AE2S	970-05	73,750	676	0.92	IIIB	2,122	TBD	TBD	30
65 / 5	Watford City	NDG321849	Sewer Rehab.-Park Ave W	AE2S	970-06	73,750	637	0.86	IIIA / IIIB	663	TBD	TBD	20
45 / 5	Watford City	NDG321849	Storm Sewer Impr.	AE2S	970-07	73,750	746	1.01	VIA	4,244	TBD	TBD	30
30 / 5	Watford City	NDG321849	Sewer Rehab.-SW Reg LS-FM	AE2S	970-08	73,750	979	1.33	IVB	11,357	TBD	TBD	31
191 / 5	West Fargo	ND0022616	Sewer Rehabilitation	Moore Eng.	705-02	71,516	149	0.21	IIIB / IVA	5,000	NA	0	30
196 / 5	West Fargo	ND0022616	Treatment Impr.	Moore Eng.	705-03	71,516	136	0.19	I	2,840	NA	0	30
195 / 5	West Fargo	ND0022616	Sewer Rehabilitation	Moore Eng.	705-04	71,516	140	0.20	IIIB	3,400	NA	0	30
81 / 5	Westhope	NDG320168	Sewer Rehabilitation	Ackerman-Estvold	955-01	46,250	345	0.75	IIIA / IIIB	383	Energy Eff.	300	20+
19 / 5	Wildrose	NDG322454	Sewer Rehabilitation	Heggen Lentz Eng.	823-02	78,750	1313	1.67	IIIA / IIIB	1,965	NA	0	30
187 / 5	Williston	ND0022349	Treatment Impr.	AE2S	820-05	90,875	215	0.24	I	15,450	TBD	TBD	30
173 / 5	Wilton	NDG320940	Sewer Rehabilitation	Ulteig Eng.	941-01	61,563	200	0.32	IIIA / IIIB	1,449	NA	0	30
18 / 5	Wing	NDG322136	Sewer Rehabilitation	Moore Eng.	1054-01	43,929	756	1.72	IIIA / IIIB	1,000	NA	0	30
137 / 5	Wishek	NDG220389	Water Meter Replacement	Interstate Eng.	758-03	42,067	195	0.46	Water Eff	410	Water Eff.	410	20
8 / 5	Wyndmere	NDG320044	Storm Sewer Impr.	Bolton Menk	913-03	53,125	1,449	2.73	VIA	5,000	Green	100	20+
111 / 5	Wyndmere	NDG320044	Treatment Impr.	Bolton Menk	913-04	53,125	282	0.53	I	650	NA	0	30
112 / 5	Wyndmere	NDG320044	Sewer Rehabilitation	Bolton Menk	913-05	53,125	282	0.53	IIIB	650	NA	0	30
	Total 2019									436,290		55,503	

Binding Commitment target date for all projects will be 9/30/2019
 Funding Status is SRF for all projects

1. NDPDES = North Dakota Pollutant Discharge Elimination System
2. MHI = Median Household Income (2012 - 2016 American Community Survey 5 year estimate)
3. RFWCI = Relative Future Wastewater Cost Index (User Charge/ MHI)
4. GPR = Green Project Reserve (Green Infrastructure, Energy Efficiency, Water Efficiency, Environmentally Innovative)

North Dakota Clean Water State Revolving Loan Fund FY2019 Intended Use Plan

Attachment B

Priority Rank/ Priority Points	City	NDPDES ¹ Permit No.	Project Description	Consultant	Project Number	MHI ² (\$)	User Charge (\$)	RFWC ³ (%)	Category	Cost (\$1,000)	GPR ⁴ Description	GPR ⁴ Amt. (\$1,000)	Loan term (yrs)
1 / 5	Lake Upsilon RSD		Treatment Impr.	HDR Eng.	1059-01	37,313	3,990	10.69	I	12,183	Green	12,183	30
2 / 5	Oberon	NDG320842	Sewer Rehabilitation	Moore Eng.	1038-02	33,929	2,259	6.66	IIIB	2,000	NA	0	30
3 / 5	Makoti	NDG321547	Treatment Impr.	Moore Eng.	963-02	39,688	1,417	3.57	I	2,000	NA	0	30
4 / 5	Makoti	NDG321547	Sewer Rehabilitation	Moore Eng.	963-03	39,688	1,354	3.41	IIIB	1,900	NA	0	30
5 / 5	Gardner	NDG322021	Treatment Impr.	Moore Eng.	961-03	50,625	1,673	3.30	I	1,000	NA	0	20+
6 / 5	McClusky	NDG320796	Sewer/St. Sewer Rehab.	Moore Eng.	1052-01	27,159	869	3.20	IIIA/IIIB/VIA	4,200	NA	0	30
7 / 5	Rolette	NDG320002	Sewer Rehabilitation	Moore Eng.	1007-01	39,205	1,165	2.97	IIIA / IIIB	4,000	NA	0	30
8 / 5	Wyndmere	NDG320044	Storm Sewer Impr.	Bolton Menk	913-03	53,125	1,449	2.73	VIA	5,000	Green	100	20+
9 / 5	Jud	NDG323086	Treat. Impr./Sewer Rehab.	Moore Eng.	1053-01	23,929	585	2.45	I / IIIB	500	NA	0	30
10 / 5	Page	NDG323221	Sewer Rehabilitation	Moore Eng.	969-01	53,125	1,251	2.35	IIIA / IIIB	1,175	Energy Eff.	300	20+
11 / 5	Carson	NDG320265	Sewer Rehabilitation	Interstate Eng.	981-01	36,250	830	2.29	IIIA / IIIB	3,500	Energy Eff.	1,390	20+
12 / 5	Fort Ransom	NDG125372	Sewer Rehabilitation	Moore Eng.	960-01	46,250	913	2.27	IIIB	850	Energy Eff.	100	20+
13 / 5	Lehr	NDG321512	Sewer Rehabilitation	TBD	950-02	32,188	729	2.26	IIIA / IIIB	825	Energy Eff.	825	20+
14 / 5	Kathryn	NDG126298	Sewer Rehab.	Moore Eng.	948-02	36,250	777	2.14	IIIB	250	Energy Eff.	250	20
15 / 5	New England	NDG122101	Sewer Rehabilitation	Moore Eng.	1035-01	52,500	1,087	2.07	IIIB	4,000	Energy Eff.	200	30
16 / 5	Verona	NDG325062	Treatment Impr.	Moore Eng.	1013-02	38,750	741	1.91	I	500	NA	0	30
17 / 5	East Central RWD		Treatment Exp. - Rural Sewers	AE2S	1061-01	50,652	900	1.78	IVB	1,500	NA	0	30
18 / 5	Wing	NDG322136	Sewer Rehabilitation	Moore Eng.	1054-01	43,929	756	1.72	IIIA / IIIB	1,000	NA	0	30
19 / 5	Wildrose	NDG322454	Sewer Rehabilitation	Heggen Lentz Eng.	823-02	78,750	1313	1.67	IIIA / IIIB	1,965	NA	0	30
20 / 5	North Prairie RWD		Treatment Exp. - Rural Sewers	Interstate Eng.	1060-01	63,037	1,048	1.66	IVB	1,945	Env. Inn.	1,945	30
21 / 5	Robinson	NDG321580	Treat. Impr./Sewer Rehab.	Moore Eng.	895-01	41,250	670	1.62	I/IIIA/IIIB	350	NA	0	30
22 / 5	Medina	NDG320800	Sewer Rehabilitation	Moore Eng.	749-04	46,250	723	1.56	IIIA / IIIB	2,000	NA	0	30
23 / 5	Glenburn	NDG321253	Sewer Rehabilitation	Moore Eng.	930-03	62,000	961	1.55	IIIA / IIIB	2,100	Energy Eff.	800	20+
24 / 5	Sawyer	NDG122756	Treat./Sewer & St. Rehab.	Moore Eng.	1045-02	72,083	1,111	1.54	I/IIIB/VIA	3,150	NA	0	30
25 / 5	Kindred	NDG122179	Treat. Impr./Sewer Rehab.	Moore Eng.	832-02	67,750	1,013	1.50	I / IIIB	5,600	NA	0	30
26 / 5	Napoleon	NDG320419	Sewer Impr.	Moore Eng.	727-03	52,083	769	1.48	IVA	578	NA	0	30
27 / 5	Sheyenne	NDG221164	Sewer Rehabilitation	Moore Eng.	1036-01	44,375	651	1.47	IIIB	750	NA	0	30
28 / 5	Towner	NDG121822	Sewer Rehabilitation	Moore Eng.	1012-01	43,125	620	1.44	IIIA / IIIB	1,500	NA	0	30
29 / 5	Gardner	NDG322021	Storm Sewer Impr.	Moore Eng.	961-02	50,625	679	1.34	VIA	350	NA	0	20+
30 / 5	Watford City	NDG321849	Sewer Rehab.-SW Reg LS-FM	AE2S	970-08	73,750	979	1.33	IVB	11,357	TBD	TBD	31
31 / 5	Fingal	NDG320249	Sewer Rehabilitation	Moore Eng.	947-02	63,125	836	1.32	IIIB	250	Energy Eff.	10	20+
32 / 5	Verona	NDG325062	Sewer Rehabilitation	Moore Eng.	1013-01	38,750	497	1.28	IIIA / IIIB	300	Energy Eff.	300	30
33 / 5	Mooreton	NDG223671	Sewer Rehabilitation	Interstate Eng.	1042-01	63,333	790	1.25	IIIA / IIIB	853	NA	0	20+
34 / 5	Glenburn	NDG321253	Storm Sewer Impr.	Moore Eng.	930-02	62,000	762	1.23	VIA	1,500	NA	0	20+
35 / 5	Streeter	NDG320893	Sewer Rehabilitation	Moore Eng.	1029-02	36,250	435	1.20	IIIA / IIIB	800	Energy Eff.	50	30
36 / 5	Cando	NDG320672	Sewer Rehabilitation	Moore Eng.	896-01	48,750	578	1.19	IIIA / IIIB	3,500	Energy Eff.	50	20+
37 / 5	Killdeer	NDG120753	Treatment Impr.	AE2S	1002-01	67,250	792	1.18	I	4,000	NA	0	30
38 / 5	Plaza	NDG324597	Sewer Rehabilitation	AE2S	1044-02	62,788	722	1.15	IIIA / IIIB	1,717	NA	0	30
39 / 5	Lisbon	NDG122080	Storm Sewer Impr.	Moore Eng.	836-06	55,136	631	1.14	VIA	6,250	NA	0	20+
40 / 5	Minot	ND0022896	Sewer Rehab. /Storm Sewer Impr.	Houston Eng.	693-07	62,324	707	1.13	IIIB / VIA	45,000	NA	0	30
41 / 5	Cavalier	NDG121954	Sewer Rehabilitation	AE2S	795-03	37,375	417	1.12	IIIB	241	NA	0	30
42 / 5	Mapleton	NDG220494	Treat. Impr./Sewer Interceptor	Moore Eng.	790-04	78,750	849	1.08	I / IVB	5,805	NA	0	30
43 / 5	New Salem	NDG323051	Sewer Rehabilitation	AE2S	920-01	52,143	550	1.05	IIIB	2,575	NA	0	30
44 / 5	Hannafor	NDG221482	Sewer Rehabilitation	Moore Eng.	1026-02	55,625	568	1.02	IIIA / IIIB	750	NA	0	30
45 / 5	Watford City	NDG321849	Storm Sewer Impr.	AE2S	970-07	73,750	746	1.01	VIA	4,244	TBD	TBD	30
46 / 5	Columbus	NDG321741	Treat. Impr./Sewer Rehab.	Ackerman-Estvold	984-01	36,607	365	1.00	I / IIIB	454	NA	0	20+
47 / 5	Sanborn	NDG320311	Sewer Rehabilitation	Moore Eng.	953-01	55,250	549	0.99	IIIA / IIIB	525	Energy Eff.	400	20+
48 / 5	Granville	NDG320737	Sewer Rehabilitation	Ackerman-Estvold	819-03	60,000	590	0.98	IIIA / IIIB	428	Energy Eff.	85	15+
49 / 5	Sykeston	NDG120141	Sewer Rehabilitation	Moore Eng.	1011-01	64,583	632	0.98	IIIA / IIIB	800	NA	0	30
50 / 5	Enderlin	ND0022462	Sewer/St.Sewer Rehab.	Moore Eng.	833-03	52,083	506	0.97	IIIA/IIIB/VIA	1,500	NA	0	20+
51 / 5	Grand Forks	ND0022888	Treatment Impr. - Biosolids Proc.	AE2S	806-05	47,593	459	0.96	I	15,000	Energy Eff.	7,000	20+
52 / 5	Hunter	NDG322594	Sewer Rehabilitation	Moore Eng.	782-05	53,333	510	0.96	IIIA / IIIB	500	NA	0	30

Attachment B

Priority Rank/ Priority Points	City	NDPDES ¹ Permit No.	Project Description	Consultant	Project Number	MHI ² (\$)	User Charge (\$)	RFWC ³ (%)	Category	Cost (\$1,000)	GPR ⁴ Description	GPR ⁴ Amt. (\$1,000)	Loan term (yrs)
53 / 5	Streeter	NDG320893	Treat. Impr./Sewer Rehab.	Moore Eng.	1029-01	36,250	346	0.95	I / IIIB	600	NA	0	30
54 / 5	New Town	NDG123256	Treatment Impr.	AE2S	907-01	53,086	502	0.95	I	5,343	NA	0	30
55 / 5	Portland	NDG120214	Sewer Rehabilitation	Moore Eng.	853-04	52,708	492	0.93	IIIA / IIIB	780	Energy Eff.	250	20+
56 / 5	Arthur	NDG321415	Sewer Rehabilitation	Moore Eng.	972-02	56,250	525	0.93	IIIA / IIIB	500	Energy Eff.	200	30
57 / 5	LaMoure	NDG120222	Treat. Impr./Sewer Rehab.	Moore Eng.	902-02	54,306	502	0.92	I / IIIB	1,400	NA	0	30
58 / 5	Watford City	NDG321849	Sewer Rehab-CSI LS Repl.	AE2S	970-05	73,750	676	0.92	IIIB	2,122	TBD	TBD	30
59 / 5	Garrison	NDG122209	Sewer Rehabilitation	Moore Eng.	1024-01	53,580	489	0.91	IIIA / IIIB	3,300	NA	0	20+
60 / 5	Hannaford	NDG221482	Treat. Impr./Sewer Rehab.	Moore Eng.	1026-01	55,625	502	0.90	I / IIIB	650	NA	0	30
61 / 5	Park River	NDG122829	Sewer Rehabilitation	AE2S	797-02	45,179	406	0.90	IIIB	929	NA	0	30
62 / 5	Grand Forks	ND0022888	Treatment Impr. - General Upgrades	AE2S	806-04	47,593	425	0.89	I	5,500	Energy Eff.	2,000	20+
63 / 5	Lakota	NDR109759	Sewer Rehabilitation	Moore Eng.	799-03	55,313	493	0.89	IIIB	1,200	Energy Eff.	50	20+
64 / 5	Forbes	NDG321466	Sewer Rehabilitation	TBD	1041-01	61,875	538	0.87	IIIA / IIIB	325	Energy Eff.	325	20+
65 / 5	Watford City	NDG321849	Sewer Rehab-Park Ave W	AE2S	970-06	73,750	637	0.86	IIIA / IIIB	663	TBD	TBD	20
66 / 5	Ellendale	NDG320711	Sewer Rehabilitation	Interstate Eng.	781-04	42,744	365	0.85	IIIA / IIIB	3,000	NA	0	30
67 / 5	Fairmount	NDG123264	Sewer Rehabilitation	Moore Eng.	912-01	48,542	407	0.84	IIIA / IIIB	400	Energy Eff.	50	20+
68 / 5	Fairmount	NDG123264	Sewer/St.Sewer Rehab.	Moore Eng.	912-02	48,542	407	0.84	IIIB / VIA	400	Energy Eff.	10	20+
69 / 5	Rugby	ND0022926	Sewer Rehabilitation	Interstate Eng.	796-01	37,450	307	0.82	IIIA / IIIB	4,460	NA	0	30
70 / 5	Valley City	ND0020559	Sewer/St. Sewer Rehab.	KLJ	887-03	52,176	427	0.82	IIIB / VIA	3,200	NA	0	30
71 / 5	Horace	NDG223485	Sewer Interceptor	Interstate Eng.	815-07	107,000	870	0.81	IVB	1,008	NA	0	20+
72 / 5	Flaxton	NDG322012	Sewer Rehabilitation	Ackerman-Estvold	1023-01	37,250	301	0.81	IIIA / IIIB	427	Energy Eff.	85	20
73 / 5	Carpio	NDG221351	Sewer Rehabilitation	Moore Eng.	875-01	53,000	425	0.80	IIIB	600	Energy Eff.	600	30
74 / 5	Verona	NDG325062	Water Meter Replacement			38,750	302	0.78	Water Eff	100	Water Eff.	100	20
75 / 5	Wahpeton	ND0020320	Sewer Rehab.-East Side Impr.	Interstate Eng.	940-03	49,375	384	0.78	IIIB	5,926	Energy Eff.	2,697	30
76 / 5	Walhalla	NDG122608	Sewer Rehabilitation	Moore Eng.	1030-02	36,250	280	0.77	IIIA / IIIB	1,500	Energy Eff.	25	20+
77 / 5	Beach	NDG320354	Sewer Rehabilitation	AE2S	753-03	33,173	251	0.76	IIIA / IIIB	200	NA	0	30
78 / 5	Valley City	ND0020559	Storm Sewer Impr.	KLJ	887-04	52,176	393	0.75	VIA	1,784	NA	0	30
79 / 5	Elgin	NDG322250	Sewer Rehabilitation	Ulteig Eng.	897-01	32,109	240	0.75	IIIB	250	NA	0	30
80 / 5	W. River W&S Dist		Treatment Impr.	Ackerman-Estvold	1016-01	63,037	471	0.75	I	125	NA	0	20+
81 / 5	Westhope	NDG320168	Sewer Rehabilitation	Ackerman-Estvold	955-01	46,250	345	0.75	IIIA / IIIB	383	Energy Eff.	300	20+
82 / 5	Oakes	NDG120834	Sewer Impr.	Moore Eng.	850-06	53,938	398	0.74	IIIA/IIIB/IVA	1,000	Energy Eff.	1,000	30
83 / 5	W. River W&S Dist		Sewer Rehabilitation	Ackerman-Estvold	1016-02	63,037	461	0.73	IIIB	85	Energy Eff.	TBD	20
84 / 5	Oakes	NDG120834	Storm Sewer Impr.	Moore Eng.	850-07	53,938	394	0.73	VIA	940	Water Eff.	940	30
85 / 5	Jamestown	ND0023370	Water Meter Replacement	Interstate Eng.	808-16	49,086	345	0.70	Water Eff	2,835	Water Eff.	2,835	20
86 / 5	Belfield	ND0022144	Sewer Rehabilitation	TBD	991-02	65,536	458	0.70	IIIA / IIIB	966	Energy Eff.	300	20
87 / 5	Surrey	NDG320478	Treatment Expansion	AE2S	989-01	86,667	601	0.69	I	3,090	NA	0	30
88 / 5	Arthur	NDG321415	Storm Sewer Impr.	Moore Eng.	972-01	56,250	375	0.67	VIA	260	NA	0	30
89 / 5	Bismarck	NDR030412	Treatment Impr.	HDR	909-02	60,320	402	0.67	I	27,419	NA	0	30
90 / 5	Medina	NDG320800	Treatment Impr.	Moore Eng.	749-03	46,250	307	0.66	I	500	NA	0	30
91 / 5	Mapleton	NDG220494	Sewer Rehabilitation	Moore Eng.	790-05	78,750	520	0.66	IIIA / IIIB	1,650	Energy Eff.	1,650	30
92 / 5	Tioga	NDG320923	Sewer Rehabilitation	Ackerman-Estvold	1017-02	58,478	385	0.66	IIIA / IIIB	8,824	NA	0	30
93 / 5	Riverdale	NDR110096	Sewer Rehabilitation	Ulteig Eng.	898-01	47,000	300	0.64	IIIA / IIIB	1,141	Energy Eff.	TBD	20+
94 / 5	Harvey	NDG120281	Sewer Rehabilitation	Moore Eng.	877-04	37,200	233	0.63	IIIA / IIIB	1,150	Energy Eff.	100	30
95 / 5	Sanborn	NDG320311	Storm Sewer Impr.	Moore Eng.	1008-01	55,250	345	0.62	VIA	225	NA	0	20+
96 / 5	Belfield	ND0022144	Sewer Rehabilitation	TBD	991-01	65,536	406	0.62	IIIA / IIIB	450	Energy Eff.	300	20
97 / 5	Leeds	NDG322403	Treat. Impr./Sewer Rehab.	Moore Eng.	941-01	53,938	331	0.61	I/IIIA/IIIB	500	Energy Eff.	15	20
98 / 5	Lidgerwood	NDG321539	Treatment Impr.	Interstate Eng.	835-04	43,958	255	0.58	I	380	NA	0	20+
99 / 5	Belfield	ND0022144	Sewer Rehabilitation	TBD	991-03	65,536	378	0.58	IIIA / IIIB	177	NA	0	20
100 / 5	Enderlin	ND0022462	Treatment Impr.	Moore Eng.	794-04	52,083	299	0.57	I	350	NA	0	20+
101 / 5	New England	NDG122101	Treatment Impr.	Moore Eng.	1035-03	52,500	299	0.57	I	1,000	NA	0	20+
102 / 5	Velva	NDG120290	Sewer Rehabilitation	Ackerman-Estvold	954-03	41,314	232	0.56	IIIA / IIIB	482	NA	0	20+
103 / 5	Harwood	NDG224562	Sewer Rehabilitation	Moore Eng.	927-01	93,125	520	0.56	IIIB	300	NA	0	30
104 / 5	Mandan	ND0022861	Sewer Rehab. / Interceptor	AE2S	775-05	60,034	330	0.55	IIIB / IVB	4,655	Energy Eff.	190	20+
105 / 5	Dunn Center	NDG120575	Storm Sewer Impr.	Hyalite	958-02	61,250	332	0.54	VIA	250			
106 / 5	Dunn Center	NDG120575	Sewer Impr.	Hyalite	958-03	61,250	332	0.54	IIIB / IVA	376			
107 / 5	Dunn Center	NDG120575	Treatment Impr.	Hyalite	958-04	61,250	332	0.54	I	600			
108 / 5	Mayville	NDG122586	Sewer Rehabilitation	Moore Eng.	848-04	43,472	232	0.53	IIIB	200	NA	0	30

Attachment B

Priority Rank/ Priority Points	City	NDPDES ¹ Permit No.	Project Description	Consultant	Project Number	MHI ² (\$)	User Charge (\$)	RFWCI ³ (%)	Category	Cost (\$1,000)	GPR ⁴ Description	GPR ⁴ Amt. (\$1,000)	Loan term (yrs)
109 / 5	Glen Ullin	NDR109364	Storm Sewer Impr.	Moore Eng.	1055-01	51,648	275	0.53	VIA	1,000	NA	0	30
110 / 5	Glen Ullin	NDR109364	Treatment Impr.	Moore Eng.	1055-02	51,648	275	0.53	I	1,000	NA	0	30
111 / 5	Wyndmere	NDG320044	Treatment Impr.	Bolton Menk	913-04	53,125	282	0.53	I	650	NA	0	30
112 / 5	Wyndmere	NDG320044	Sewer Rehabilitation	Bolton Menk	913-05	53,125	282	0.53	IIIB	650	NA	0	30
113 / 5	Tower City	NDG322314	Storm Sewer Impr.	Moore Eng.	852-03	51,667	271	0.52	VIA	300	NA	0	30
114 / 5	Tower City	NDG322314	Treat. Impr./Sewer Rehab.	Moore Eng.	852-04	51,667	271	0.52	I / IIIB	300	NA	0	30
115 / 5	Flasher	NDG321270	Sewer Rehabilitation	Ulteig Eng.	888-02	57,679	300	0.52	IIIA / IIIB	250	Energy Eff.	133	20+
116 / 5	Velva	NDGT20290	Sewer Rehabilitation	Ackerman-Estvold	954-02	41,314	215	0.52	IIIB	350	NA	0	20+
117 / 5	Grenora	NDG323205	Sewer Rehabilitation	Ackerman-Estvold	999-02	50,833	260	0.51	IIIA / IIIB	656	NA	0	30
118 / 5	Grenora	NDG323205	Sewer Rehabilitation	Ackerman-Estvold	999-03	50,833	260	0.51	IIIA / IIIB	626	NA	0	30
119 / 5	Grenora	NDG323205	Sewer Rehabilitation	Ackerman-Estvold	999-04	50,833	260	0.51	IIIA / IIIB	668	NA	0	30
120 / 5	Mandan	ND0022861	Sewer Rehab.-Lining	AE2S	775-06	60,034	306	0.51	IIIB	3,274	Energy & Env.	1,250	30
121 / 5	Jamestown	ND0023370	Treatment Impr.	Interstate Eng.	808-15	49,086	250	0.51	I	8,250	NA	0	30
122 / 5	Grafton	NDR104000	Treatment Impr.	KLJ	696-05	44,926	227	0.51	I	250	NA	0	15+
123 / 5	Jamestown	ND0023370	Treatment Impr.	Interstate Eng.	752-03	49,086	248	0.51	I	2,800	Green & Energy	800	30
124 / 5	Jamestown	ND0023370	Storm Sewer Rehab.	Interstate Eng.	808-11	49,086	248	0.51	VIA	6,200	NA	0	20+
125 / 5	Grafton	NDR104000	Sewer Rehabilitation	KLJ	696-04	44,926	226	0.50	IIIB	200	NA	0	15+
126 / 5	Upham	NDG322551	Sewer Rehabilitation	Ackerman-Estvold	1056-01	39,250	197	0.50	IIIB	175	NA	0	25+
127 / 5	Noonan	NDG321857	Sewer Rehabilitation	Ackerman-Estvold	1020-03	60,500	300	0.50	IIIB	641	NA	0	20+
128 / 5	Sherwood	NDG321199	Sewer Rehabilitation	Ackerman-Estvold	1009-01	51,500	254	0.49	IIIA / IIIB	374	TBD	0	20+
129 / 5	Lisbon	NDG122080	Sewer Rehabilitation	Moore Eng.	836-07	55,136	271	0.49	IIIA / IIIB	1,570	NA	0	20+
130 / 5	Berthold	NDG321938	Sewer Rehabilitation	Moore Eng.	976-02	72,031	346	0.48	IIIA / IIIB	600	NA	0	20+
131 / 5	Mandan	ND0022861	Sewer Interceptor-I-94 Trunk	AE2S	775-07	60,034	288	0.48	IVB	814	NA	0	30
132 / 5	Jamestown	ND0023370	Treatment Impr.	Interstate Eng.	808-14	49,086	235	0.48	I	5,600	Green	5,600	30
133 / 5	Jamestown	ND0023370	Sewer Rehabilitation	Interstate Eng.	808-13	49,086	234	0.48	IIIB	700	NA	0	30
134 / 5	Jamestown	ND0023370	Sewer Rehabilitation	Interstate Eng.	808-10	49,086	232	0.47	IIIB	420	NA	0	20+
135 / 5	Rutland	NDG321300	Treatment Impr.	Moore Eng.	892-01	51,625	244	0.47	I	220	NA	0	20+
136 / 5	Horace	NDG223485	Sewer Interceptor	Interstate Eng.	815-06	107,000	500	0.47	IVB	2,557	NA	0	20+
137 / 5	Wishek	NDG220389	Water Meter Replacement	Interstate Eng.	758-03	42,067	195	0.46	Water Eff	410	Water Eff.	410	20
138 / 5	Center	NDG220036	Sewer Rehabilitation	Ulteig Eng.	915-01	65,000	300	0.46	IIIB	1,770	Energy Eff.	414	30
139 / 5	Fargo	ND0022870	Sewer Impr.-South Side Impr.	AE2S	684-09	48,060	221	0.46	IVB	12,000	NA	0	30
140 / 5	Dickinson	ND0023175	Sewer Rehabilitation	Apex Engineering	933-04	74,838	343	0.46	IIIB	2,682	NA	0	30
141 / 5	Kenmare	ND0020079	Sewer Rehabilitation	Ackerman-Estv.	1001-01	57,763	264	0.46	IIIA / IIIB	500	NA	0	20+
142 / 5	Fargo	ND0022870	Stormwater Infrastructure	Houston Eng.	684-11	48,060	219	0.46	VIA	11,000	NA	0	
143 / 5	Wahpeton	ND0020320	Treatment Impr.	TBD	940-10	49,375	224	0.45	I	370	Energy Eff.	200	30
144 / 5	Dickinson	ND0023175	Sewer Rehabilitation	Apex Engineering	933-05	74,838	333	0.44	IIIB	2,003	NA	0	30
145 / 5	Wahpeton	ND0020320	Sewer Rehab.-8th Ave N	Interstate Eng.	940-06	49,375	219	0.44	IIIA / IIIB	2,167	NA	0	30
146 / 5	Fargo	ND0022870	Treat. Exp. - Regional	AE2S	684-08	48,060	211	0.44	IVB	7,000	NA	0	30
147 / 5	Fargo	ND0022870	Effluent Reuse Fac. Exp.	AE2S	715-06	48,060	208	0.43	II	5,000	Water Eff.	2,400	30
148 / 5	Sawyer	NDG122756	Sewer Rehabilitation	Moore Eng.	1045-01	72,083	310	0.43	IIIA / IIIB	500	NA	0	30
149 / 5	Walcott	NDG321831	Treat. Impr./Sewer Rehab.	AE2S	914-01	70,000	301	0.43	IIIB	404	NA	0	20
150 / 5	Fargo	ND0022870	Sewer Rehab.-Eff. FM Impr.	AE2S	684-10	48,060	206	0.43	I	4,400	NA	0	30
151 / 5	Des Lacs	NDG322900	Sewer Rehabilitation	Ackerman-Estvold	862-03	77,500	332	0.43	IIIB	211	NA	0	20+
152 / 5	Jamestown	ND0023370	Storm Sewer Rehab.	Interstate Eng.	808-12	49,086	210	0.43	VIA	2,200	NA	0	20+
153 / 5	Lisbon	NDG122080	Treatment Impr.	Moore Eng.	836-08	55,136	227	0.41	I	1,000	NA	0	20+
154 / 5	Wahpeton	ND0020320	Sewer/St. Rehab.-15th Ave & 14th St N	TBD	940-08	49,375	203	0.41	IIIB / VIA	1,560	NA	0	30
155 / 5	Thompson	NDG320915	Treatment Impr.	Pribula Eng.	774-01	88,125	360	0.41	I	1,500	NA	0	30
156 / 5	Carrington	NDG322764	Sewer/St. Sewer Rehab.	Interstate Eng.	729-04	51,550	210	0.41	IIIA/IIIB/VIA	300	NA	0	20+
157 / 5	Cooperstown	ND0023213	Treatment Impr.	Moore Eng.	762-05	47,500	193	0.41	I	500	NA	0	20+
158 / 5	Mohall	NDG320087	Sewer Rehabilitation	Ackerman-Estvold	952-01	62,813	255	0.41	IIIA / IIIB	357	NA	0	30
159 / 5	Colfax	NDG323582	Sewer Rehabilitation	Interstate Eng.	994-03	108,125	417	0.39	IIIB	300	NA	0	30
160 / 5	Wahpeton	ND0020320	Sewer/St. Rehab.-Loy Ave & 12th Street	TBD	940-07	49,375	188	0.38	IIIB / VIA	967	NA	0	30
161 / 5	Horace	NDG223485	Sewer Interceptor	Interstate Eng.	815-08	107,000	400	0.37	IVB	697	NA	0	20+
162 / 5	Burlington	NDG123442	Sewer Interceptor	Ackerman-Estvold	756-02	93,250	342	0.37	IVB	1,014	NA	0	20+
163 / 5	Garrison	NDG122209	Sewer Rehabilitation	Moore Eng.	1024-02	53,580	196	0.37	IIIA / IIIB	450	NA	0	20+
164 / 5	Wahpeton	ND0020320	Sewer Interceptor-LS #11	Interstate Eng.	940-04	49,375	180	0.36	IVB	650	NA	0	30
165 / 5	Plaza	NDG324597	Sewer Rehabilitation	AE2S	1044-01	62,788	228	0.36	IIIB	361	NA	0	30
166 / 5	Langdon	ND0020630	Sewer Rehabilitation	Moore Eng.	777-02	65,052	235	0.36	IIIA / IIIB	1,100	Energy Eff.	50	30
167 / 5	Wahpeton	ND0020320	Sewer Rehab.-LS #1	TBD	940-05	49,375	175	0.36	IIIB	370	NA	0	30

North Dakota Clean Water State Revolving Loan Fund 2019 Intended Use Plan
Attachment C

Sources and Uses of Capitalization Grant

Sources	FY2018 AMOUNT	
Capitalization Grant	\$7,859,000	
State Match	\$1,571,800	20% of Capitalization Grant
Transfer from DWSRF	\$0	
TOTAL SOURCES	\$9,430,800	
Uses		
Project Assistance Loans	\$8,878,484	
Transfer to DWSRF	0	
Administration	\$552,316	0.2% of current fund valuation
TOTAL USES	\$9,430,800	

Attachment D

Amounts Available to Transfer Between State Revolving Fund Programs (\$ millions)

Year	Transaction Description	Banked Transfer Ceiling	Transferred from DWSRF to CWSRF	Transferred from CWSRF to DWSRF	DWSRF Funds Available for Transfer	CWSRF Funds Available for Transfer
1998	DW Grant	4.1			4.1	4.1
1998	DW Grant	6.5			6.5	6.5
2000	DW Grant	9.0			9.0	9.0
2000	DW Grant	11.5			11.5	11.5
2001	DW Grant	14.1			14.1	14.1
2002	DW Grant	16.7			16.7	16.7
2002	Transfer	16.7	10.0	3.0	9.7	23.8
2003	DW Grant	19.4			12.4	26.4
2003	Transfer	19.4	0	5.9	18.3	20.5
2004	DW Grant	22.1			21.0	23.2
2004	Transfer	22.1	0	2.6	23.7	20.6
2005	DW Grant	24.9			26.4	23.3
2005	Transfer	24.9	0	0.1	26.5	23.2
2006	DW Grant	27.6			29.2	25.9
2006	Transfer	27.6	0	1.5	30.8	24.4
2007	DW Grant	30.3			33.5	27.1
2007	Transfer	30.3	0	4.9	38.3	22.2
2008	DW Grant	33.0			41.0	24.9
2008	Transfer	33.0	0	3.0	44.1	21.9
2009	DW Grant	35.7			46.8	24.6
ARRA	DW Grant	42.1			53.2	31.0
ARRA	Transfer	42.1		2.6	55.8	28.4
2009	Transfer	42.1	0	0.7	56.5	27.7
2010	DW Grant	46.6			61.0	32.2
2010	Transfer	46.6	0	0.8	61.8	31.4
2011	DW Grant	49.7			64.9	34.5
2012	DW Grant	52.7			67.8	37.5
2013	DW Grant	55.4			70.6	40.3
2014	DW Grant	58.3			73.5	43.2
2015	DW Grant	61.2			76.4	46.1
2015	Transfer	61.2	19.1		57.4	65.1
2016	DW Grant	64.0			60.1	67.9
2016	Transfer	64.0			60.1	67.9
2017	DW Grant	66.7			62.8	70.6
2017	Transfer	66.7	0	14.2	74.3	53.7
2018	DW Grant	70.4			78.0	57.4
2018	Transfer	70.4	0	12.2	86.4	41.5
2019	DW Grant	73.7			89.7	44.8
2019	Transfer	73.7	0	1.0	87.4	40.5

Bold numbers indicate planned transfers

North Dakota Clean Water State Revolving Loan Fund FY2019 Intended Use Plan
Attachment E

Affordability Criteria

The CWSRF Program developed the following Affordability Criteria to be used on grants after FY2014. This criteria was developed and offered for public comment through IUP process prior to September 30, 2015. North Dakota may not offer additional subsidies to communities with affordability issues.

<u>Affordability Criteria</u>	<u>Points</u>
Median Household Income (MHI)	
MHI Less than 60% of State MHI	20
MHI Between 60% and 100% of State MHI	10
MHI greater than 100% of State MHI	0
Relative Future Wastewater Cost Index (RFWCI)	
RFWCI greater than 2%	40
RFWCI between 1.5% and 2%	20
RFWCI less than 1.5%	0
Unemployment	
City unemployment rate is more than State unemployment rate	20
City unemployment rate is less than State unemployment rate	0
Population Trends	
City population % change is greater than State population % change	20
City population % change is less than State population % change	0