# SRF Reinvented

North Dakota Department of Environmental Quality Drinking Water State Revolving Fund Clean Water State Revolving Fund North Dakota Public Finance Authority December 14, 2023



**Program Overview** 

**Federal Requirements** 

SRF Tracker

IUP/PPL

Loan Application Package / Supplemental



Facility Plan & Environmental Approval

### Agenda (Cont.)

SRF Plans and Specs Approval

**Bid Review and Contract Award** 

**Construction Phase** 

SRF Request for Payments

**Ongoing SRF Requirements** 



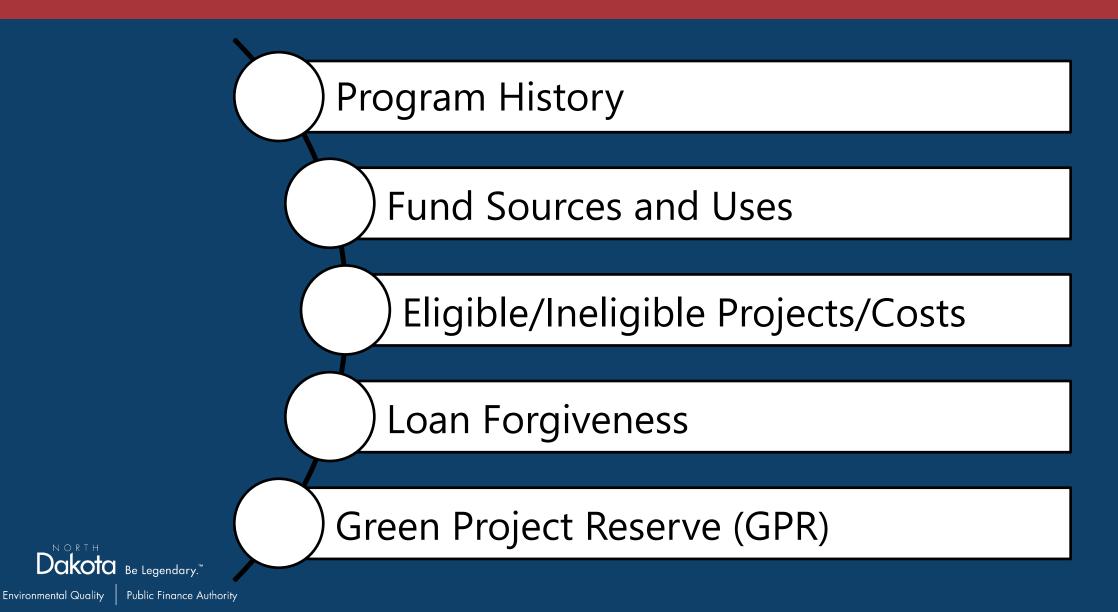




#### **SRF PROGRAM OVERVIEW**



#### SRF Overview



# SRF Program History

- Started in 1987 through the Clean Water Act
- Authorized under the 1996 amendments to the Safe Drinking Water Act (SDWA)

- Loan (2.0% total rate effective as of 1/1/2017)
  - 1.5% interest rate
  - 0.5% administrative fee
  - Maximum of 30 years or useful life of project, whichever is shorter

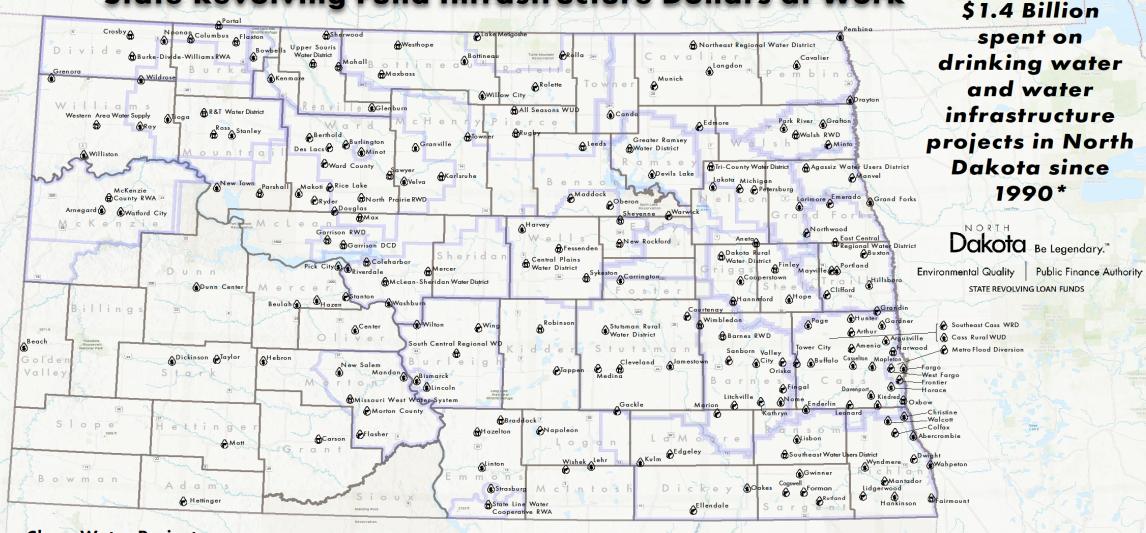


#### About the North Dakota SRFs

	CWSRF	DWSRF	Total
Total Federal Grants Received	\$258 million	\$241 million	\$499 million
Total Project Assistance Disbursed	\$798 million	\$682 million	\$1.48 billion
Return on Investment	309%	283%	297%
Number of Projects	338	311	649
			As of 12/31/22



#### **State Revolving Fund Infrastructure Dollars at Work**



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#### **Clean Water Projects**



disbursed since 1990. Eligible Clean Water projects are wastewater collection and treatment, energy conservation, stormwater, municipal landfill improvements, planning and assessment, source water protection & MORE

\$745 million total project assistance

#### **Drinking Water Projects**

\$655 million total project assistance disbursed in Drinking Water SRF projects since 1999. Projects have included drinking water treatment, source water protection, well construction and rehabilitation, storage & MORE

#### **BOTH Clean Water and**

#### **Drinking Water Projects**

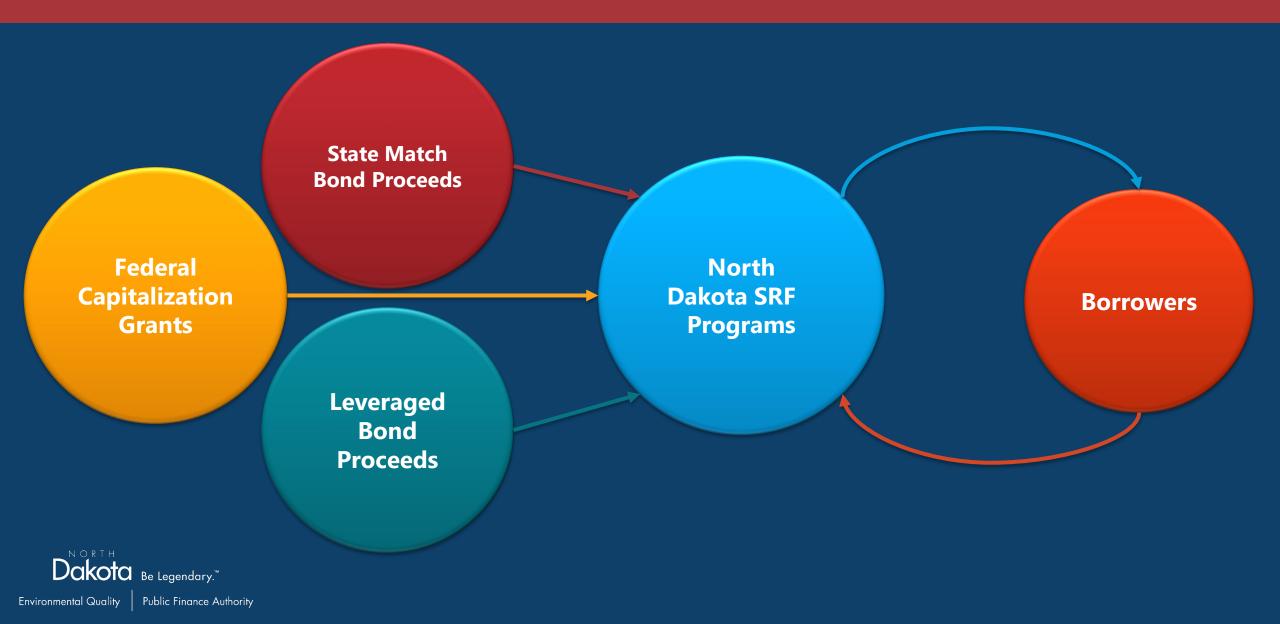
These communities, counties, water user districts, regions or associations have received both Clean Water SRF and Drinking Water SRF loans.

#### County Boundary

Rural Water Districts (RWD), Rural Water Associations (RWA), Water User Districts (WUD) or Regional Water Systems \*Total SRF Loans as of December 31, 2021 Projection: UTM Zone 14N State of North Datoha, Exr., HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Exr., USGS

0 5 10 20 30 40 50 Miles

#### About the SRFs



### Sources and Uses of Funds

#### Sources

- Capitalization Grants from EPA
- State match bond proceeds
- Leveraged bond proceeds
- Repayments from borrowers
- Transfers between SRF programs

#### Uses

- Loans
- \*Additional Subsidization
- Program administration
- PWSS administration (DWSRF only)
- Small system technical assistance (DWSRF only)
- Nonpoint source loans (CWSRF only)
- \* Federal requirement since ARRA (2009)
  - Based on percentage of capitalization grant
  - Provided as loan forgiveness

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#### About the SRF Process

- State SRF programs develop priority ranking systems for use of their capitalization grant which must be approved by EPA
  - Intended Use Plan (IUP) formalized at the beginning of each year
  - May be amended throughout the year if necessary
- State SRF programs are required to provide some of the capitalization grant as "additional subsidy"
  - In North Dakota, we refer to it as "loan forgiveness"



#### **CWSRF Eligible Projects**

- Centralized Wastewater Treatment (treatment works)
  - Primary/secondary
  - > Advanced
  - Sewer Systems
  - Combined sewer overflow (CSO) correction
- Renewable energy projects for POTWs (project specific)
- Water conservation projects
  - Water meters (non-treatment works)
  - Water efficient irrigation equipment (non-treatment works)
  - Water reuse (project specific)
- Stormwater (non-treatment works)
- Landfills(non-treatment works)
  - liners and leachate collection systems for cells, monitoring wells, capping systems

#### DWSRF Eligible Projects

- Source water: surface water intake structures, groundwater wells
- > Water treatment plants
- Drinking water storage
- Distribution (mains, booster stations, service lines, water meters)

#### **DWSRF Non-Eligible Projects**

- Projects primarily for future growth
- Projects primarily intended to provide fire protection

#### Other Eligible Projects

- Interconnection of systems/regionalization
- Security measures to protect infrastructure from vandalism
- Measures to ensure continued operation in the event of an emergency (generators, flood protection devices)
- Administration buildings for the water or wastewater system
- Lead service line replacemententire service line needs to be replaced

# Street Repair Eligibility



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- Street repairs needed due to drinking water, sanitary sewer, and storm sewer utilities are eligible for the SRF programs
- Street repairs that are deemed ineligible for the SRF can be funded through the BND Infrastructure Revolving Loan Fund (IRLF)
- The SRF programs and the BND IRLF will use the same loan application – no need to submit separate loan applications
- The loans will be kept separate

### Additional Subsidy

Based on a percentage of capitalization grant Provided as loan forgiveness to prioritized systems

Up to 75% loan forgiveness 90% cap on loan forgiveness and grant Loan application and binding commitment deadline for loan forgiveness projects



### Loan Forgiveness

**Clean Water 2023 Cap Grant** \$3,683,000 Loan Forgiveness 20% of Cap Grant \$736,000 City 1 Loan Request \$3,000,000 **Up to 75% Loan Forgiveness =** \$2,250,000 Loan Forgiveness is limited to \$736,000 for

City 1

Drinking Water 2023 Cap Grant \$4,938,000

> Loan Forgiveness 26% of Cap Grant \$1,283,880

> > City 1 Loan Request \$11,000,000

Up to 75% Loan Forgiveness = \$8,250,000

Loan Forgiveness is limited to \$1,283,880 for City 1



### Green Project Reserve

# A portion of the CWSRF capitalization grant must be used as:

Green (Stormwater) Infrastructure

**Energy Efficiency** 

Water Efficiency

Other Environmentally Innovative Activity



#### Green Project Reserve

#### Eligibility of these components will be verified

Only CWSRF eligible projects to date have been for recycled or advanced wastewater treatment and replacing water meters

Business case required with loan application for non-categorical projects





- Bureau of Reclamation
- Bank of North Dakota
- Community Development Block Grants
- US Army Corps of Engineers
- United States Department of Agriculture Rural Development
- ND Department of Water Resources Cost Share Program
- Federal Emergency Management Agency
- Municipal Rural & Industrial Water Supply Program
- ND Public Finance Authority Capital Financing Program
- Rural Community Assistance Partnership
- Energy Infrastructure and Impact Grant Program





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#### Financial Advantages

No penalty for early payment from excess revenues Borrowers only pay interest on loan as funds are drawn

Bond counsel fees are the only cost of issuance

Eligible USDA-RD loans can be refinanced Can be used as co-funding for other state & federal programs



### Advantages to Using SRF Funds

	20 Year Financing			30 Year Financing		
	SRF 2.00%	Bond Market Rate		SRF	Bond Market Rate	
		3.50%	4.50%	2.00%	4.00%	5.00%
Total Project Cost	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
Cost of Issuance/Underwriter's Discount	\$5,000	\$39,000	\$39,040	\$5,000	\$41,100	\$41,200
Debt Service Reserve Fund (DSRF)	\$61,463	\$81,775	\$89,175	\$44,873	\$67,000	\$75,250
Average Annual Payment	\$61,463	\$79,105	\$86,988	\$44,873	\$64,120	\$72,733
Total Principal	\$1,005,000	\$1,125,000	\$1,130,000	\$1,005,000	\$1,110,000	\$1,120,000
Total Interest	\$168,188	\$457,100	\$609,750	\$255,896	\$813,600	\$1,062,000
Total Administration	\$56,063	\$0	\$0	\$85,299	\$0	\$0
Total Principal/Interest/Admin Less DSRF	\$1,167,788	\$1,500,325	\$1,650,575	\$1,301,322	\$1,856,600	\$2,106,750
Savings Provided by SRF Financing	-	\$332,537	\$482,787	-	\$555,278	\$805,428
Percent Savings	-	28.5%	41.3%	-	42.7%	61.9%



#### Questions?





#### FEDERAL REQUIREMENTS INCLUDING BIPARTISAN INFRASTRUCTURE LAW

#### Shannon Fisher, P.E.

### Federal Requirements

- Because the SRF programs receive federal funds, there are some federal requirements that must be followed
- Federal requirements depend on the type of project and whether or not the project is an "equivalency project"
  - All CWSRF/DWSRF Projects
  - CWSRF Treatment Works and all DWSRF Projects
  - SRF Equivalency Projects
  - BIL Equivalency and/or BIL Loan Forgiveness Projects

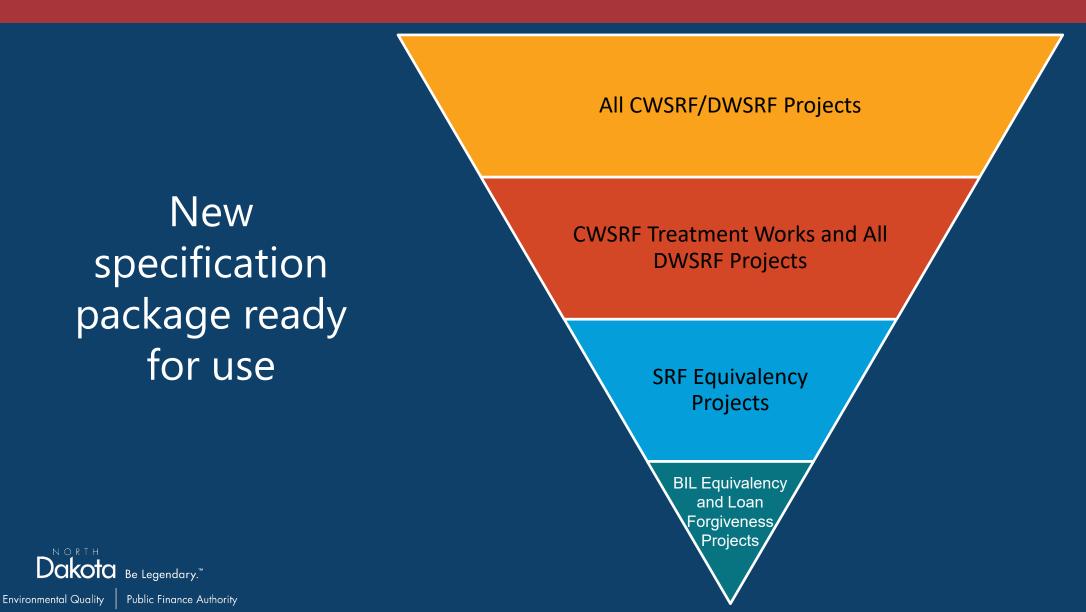


# Equivalency Projects

- Some federal requirements apply: "in an amount made directly available by" the federal capitalization grant
- What that means:
  - State can choose a project (or group of projects)
  - Project(s) must equal (or exceed) the cap grant's value
  - Only equivalency project(s) must meet certain federal requirement

#### May be eligible for an interest rate reduction

### **Specification Package**



## Federal Requirements

	All CWSRF/ DWSRF Projects	CWSRF Treatment Works & All DWSRF Projects	SRF Equivalency Projects	BIL Equivalency and/or BIL Loan Forgiveness Projects
Title VI of Civil Rights Act	Х			
National Environmental Policy Act (NEPA)		Х		
Davis Bacon wage rates		Х		
American Iron and Steel		Х		
Disadvantaged Business Enterprise goals			Х	
Single Audit Act			Х	
Build America Buy America			Х	
Architectural/Engineering Procurement			CWSRF only	
Signage				Х

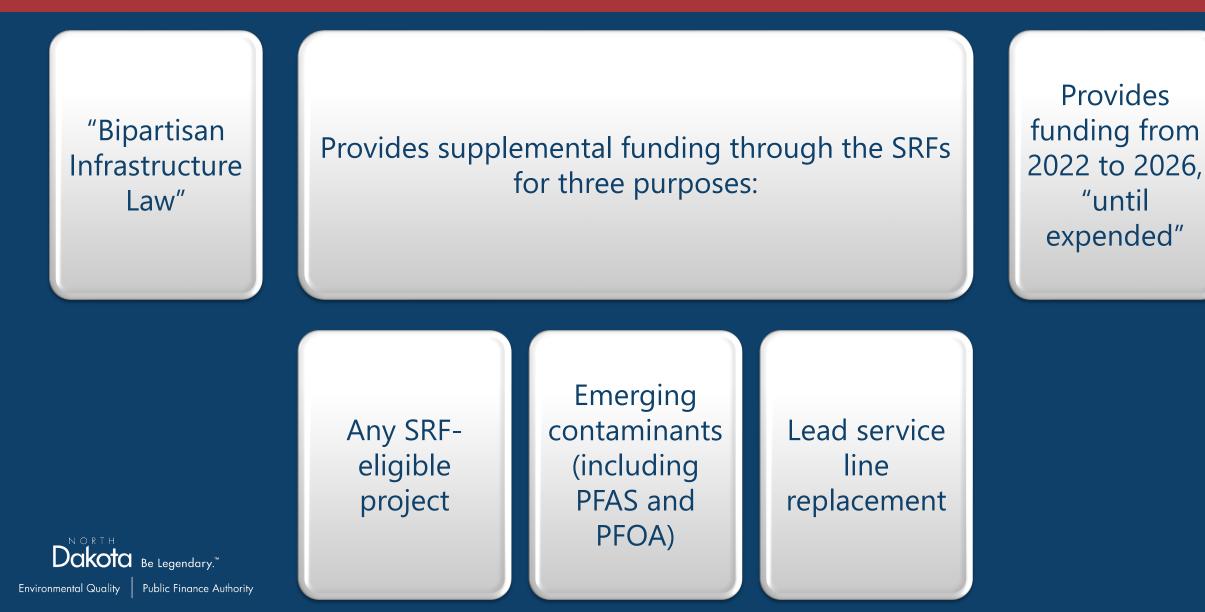
## Architectural/Engineering Procurement

Federal Procurement Requirements must be followed for engineering with CWSRF equivalency loans:

- 1. Request for Qualifications
- 2. Evaluation based on established, publicly available criteria which does NOT include cost
- 3. Discussion with at least 3 firms to consider concepts & alternatives
- 4. Selection of at least 3 firms to be the most highly qualified
- 5. Contract negotiation with the most highly qualified to determine compensation, scope, complexity and estimate value of the services



#### About the BIL



#### About the BIL

Expands domestic preference requirements (Build America **Buy America**) for equivalency projects

Adds signage requirements for **BIL** equivalency and/or BIL loan forgiveness projects

#### BABA

- "Build America, Buy America Act"
- All materials (including iron, steel, non-ferrous metals, plasticand polymer-based products, lumber, and drywall) must be produced in the United States
- Sand, gravel, aggregates, and aggregate binding agents do not have to meet BABA
- Applies to all federal funds for infrastructure projects and will be administered by the Office of Management and Budget
- Went into effect on May 14, 2022
- Possible project delays and/or increased costs due to availability of materials???



### BABA Adjustment Period Waiver

If a project can provide evidence for any of the following conditions prior to May 14, 2022, it would qualify:

- 1. Submitted partial or completed plans and specifications by the borrower to the SRF.
- 2. Submitted preliminary engineering report, or equivalent, by an engineering firm to the borrower or by the borrower to the SRF.
- 3. Initiated design planning by the in-house staff of the borrower.
- 4. Approved or executed an SRF loan for design and/or engineering, which may or may not include construction.
- 5. Solicited bids or executed a contract for design and/or engineering, including contracts not funded by an SRF.
- 6. Solicited bids or executed a contract for construction.

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- 7. Initiated the process of securing other financing, such as issuing bonds.
- 8. Scheduled or held a public referendum on the project or scheduled or held a public meeting about the project.



#### **BABA De Minimis Waiver**

BABA requirements can be waived for products used in and incorporated into a project that cumulatively comprise no more than 5 percent of the total project cost

Project components to which the waiver applies will need to be tracked

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#### **BABA Small Project Waiver**





#### BABA

- Waivers can be requested if:
  - BABA would be inconsistent with the public interest ("public interest waiver")
  - Materials are not produced in the United States in sufficient and reasonably available quantities of a satisfactory quality ("nonavailability waiver")
  - Inclusion of materials produced in the United States will increase the cost of the overall project by more than 25 percent ("unreasonable cost waiver")



#### BABA

Project-specific waiver process may be lengthy:

- Borrower (with the assistance of SRF program staff) prepare a waiver request
- EPA conducts market research to determine merits of the waiver request
- EPA posts the waiver request for a 15-day public comment period
- Borrower (with the assistance of SRF program staff) respond to public comments
- EPA staff make a recommendation to EPA headquarters
- EPA headquarters approves the waiver
- OMB reviews and approves the waiver



# Contact the SRF program to find out if BABA will apply and, if it does, if a waiver can be obtained









#### Full Lead Service Line Replacement

Any lead service line replacements must replace the entire lead service line, not just a portion, unless a portion has already been replaced or is concurrently being replacement with another funding source.



#### **BIL Lead Service Line Interest Rate**







#### Questions?





#### **SRF TRACKER**

#### Bryan Schmitt, P.E.

## What is SRF Tracker?

- SRF Tracker is a new cloud-based data management system
- Built for NDDEQ & PFA staff, consulting engineers, and customers
- SRF Tracker allows for users to do the following:
  - View project and loan information
  - Apply for loans and grants
  - Submit payment requests
  - Upload and view project related documents

### Log In and Access

#### srf.deq.nd.gov

	·
🚺 North Dakota SRF Tracker	
•	
Log In	
ND Login ID	
Log In	
You MUST follow the steps below PRIOR to logging into SRF Tracker!	
SRF Tracker will not allow access until AFTER you have:	
Log into the NDLogin app to confirm account exists or to unlock your existing account: NDLogin Link	
<ul> <li>If a successful login, set the cell phone number and if setting up a new account, request a verification text to activate the account (The secured when setting up an ND Login account, but if not populated you can't log in to SRF Tracker).</li> </ul>	ecurity phone number is not
<ul> <li>Once completed, enail the NDLogin ld to ndsr@nd.gov to have an SRF Tracker account created. NOTE: send only the NDLogin ID do NOT</li> </ul>	IOT include the password.
If you already have a North Dakota login that works with other ND apps, you do not need to create a new account!	
If you do not have an existing NDLogin you MUST set one up prior to sending an email to request access to SRF Tracker. SRF Tracker uses a NDL	IDI ogin authenticator and your
account will be locked if you try to request SRF Tracker access before you have an approved NDLogin!	
Do NOT use the dash (-) or ampersand (&) in your ND Login password, you will not be able to log into SRF Tracker.	
North Dakota Login Registration Link	
Login Issues? Use the links below for:	
Forgot My Login Link	
Forgot My Password Link	
ND Login Registration Link	

#### Email <u>ndsrf@nd.gov</u> or <u>ndpfa@nd.gov</u> with NDLogin User ID (not password) after creating NDLogin account



# Navigating SRF Tracker

#### SRF Tracker Home Screen (Green Ribbon)

- SRF Initiatives
- SRF Projects
- General Projects
- PAR Grant Projects

North Dakot	ta SRF Tracker						Ext-Engineer, DEQ-:	SRF Logout
	Consulting En	gine	eer					
	First Name	0		Last Name				
	DEQ-SRF			Ext-Engineer				
	Email Address ndsrf@nd.gov			<b>Phone Number</b> 701-328-5299				
	Notes To be Used for SRF and PFA Staff							
	SRF Initiatives SRF Projects General	l Projects	PAR Grant Projects					
	Customer Name		Status					
			All	✓ Filter Clear Filte	er			
	Customer	Projec	t Name		SRF Engineer	PFA Staff	Status	
	Minnewaukan City Of	Streife	Subdivision Sewer		Shawn Martin	DeAnn Ament	Approved	View
	Galesburg City Of	ECRWE	) Service to Galesburg		Danielle Peltier	DeAnn Ament	Approved	View
	Agassiz Water Users District	User a	nd Transmission Expansion Phase 2 (Part 1)		Aaron Wellman	DeAnn Ament	Approved	View
	Fargo City Of	Landfil	Leachate System Improvements - Engineering		Ryan Allery	DeAnn Ament	Pending Review	View



# Navigating SRF Tracker

#### SRF Tracker Home Screen (Blue Ribbon)

- SRF Initiatives
- SRF Projects
- General Projects
- PAR Grant Projects
- Audit Reports
- Documents
- Users

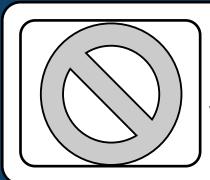
orth Dakota SRF Trac	ker			Fisher-Golva, Shannon	Logou
Custo	mer				
Golva City O	f				
No Address Golva North Dakota	9, 58632	Contact Entity Type Municipality SAM Id	County Water System Id 1700403		
SRF Initiatives	General Projects PAR Grant Project	ts Audit Reports Documents Users			
Initiative Name		Status All	Filter     Clear Filter		
Initiative Name	CWSRF N	umber DWSRF Number	Total Initiative Amount	Status	
No Initiatives					



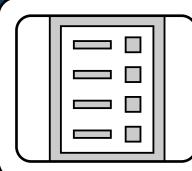
# SRF Tracker Tips



If you can't log into SRF Tracker, clear your browser cookies and cache. If that doesn't work, try a private web browser such as Firefox.



Do not use special characters in naming files that will be uploaded to SRF Tracker.



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If you have a spreadsheet or PDF file you want to provide for the draw request, you can enter an invoice of \$.01 and upload the file in place of an invoice.

#### Questions?





#### Intended Use Plan (IUP) & Project Priority List (PPL)

#### Elizabeth Tokach Duran, P.E.

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#### How Do You Get Started?

#### Fill out a project questionnaire in the fall

- NDDEQ sends out notices via email
  - Email <u>ndsrf@nd.gov</u> to be added to our contact list

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#### Select an engineer

- Ask them to contact the NDDEQ to discuss the project
- Ask them to prepare a facility plan: this will provide the options available to a system to address the problem and estimate costs

## Identify a repayment source

• Will a rate increase be necessary?

#### What is the Project Questionnaire?



PROJECT QUESTIONNAIRE FOR THE DRINKING WATER STATE REVOLVING FUND (DWSRF) PROGRAM NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF MUNICIPAL FACILITIES



Please note: this guestionnaire is required to determine project eligibility and ranking on the priority list. This is not an application for funding, nor does it commit a project to seek funding through the DWSRF program. If you would like to begin an application for funding through the DWSRF program, please visit http://grants.nd.gov and apply through the Funding for Infrastructure in North Dakota (FIND) funding opportunity.

#### System Information

SFN 54458 (5-2022)

Public Water System (PWS)	) Name		PWS Number ND							
Contact Name			Title							
Address			Telephone Number							
City	State	ZIP Code	Email							

Consulting Engineering Firm	n (if any)		Engineering Firm Contact Name		
Address			Telephone Number		
City	State	ZIP Code	Email		

#### Project Information

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Project Description (attac	ch additional information as needed, inc	luding available engineering repo	rts or maps)	
Is the <b>primary</b> purpose of	of this project to serve future population	growth?	Yes	No
	of this project to serve future population of this project to provide fire protection?	<u> </u>	Yes Yes	No _
Is the primary purpose of			Yes	
Is the <b>primary</b> purpose of the answer to either of	of this project to provide fire protection? the above questions is yes, this project		Yes	
Is the primary purpose of	of this project to provide fire protection? the above questions is yes, this project		Yes	



CLEAN WATER STATE REVOLVING FUND (CWSRF) QUESTIONNAIRE DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF MUNICIPAL FACILITIES 9-2023

This guestionnaire is required to determine project eligibility and ranking on the priority list. Only projects on the priority list can be considered for CWSRF loan assistance. Questionnaires should be submitted for new projects and projects on the current priority list that haven't started construction or will continue construction under a CWSRF loan into 2024. This is not an application for funding, nor does it commit a project to seek funding through the CWSRF program. If you would like to begin an application for funding through the CWSRF program visit http://grants.nd.gov/ and apply through the Funding for Infrastructure in North Dakota (FIND) funding opportunity.

#### System Information

Name of City, Utility, or Sponsoring District:								
Contact Name:			Title:					
Address:			Telephone Number:					
City:	State:	Zip Code:	Email:					

Cons	sulting Engineering Firm (if any):	Engineering Firm Contact Name:
Ema	il:	Telephone Number:

#### Project Information

Project Name and Description (Provide enough detail so that the scope and lo Attach additional information if available, including available engineering report	
Desired Number of Years to Repay Loan (maximum of 30 years dependent or	useful life of components):
Anticipated Construction Start Date:	
Project Cost & System Information	
1. What is the total estimated cost for this project?	\$
2. What is the total estimated CWSRF amount?	\$
3. What is the total estimated grant amounts from other funding?	S

4. What portion of the total project cost is related to emerging contaminants? Which emerging contaminant(s):	\$
5. What is the number of service connections/users that will be responsible for paying for the project?	
6. What is the current <u>annual</u> residential user charge for this system's service?	\$

#### Shaded projects are on the fundable list

Priority Ranking (Base & Supplemental)	Priority Ranking (Emerging Contaminants)	Priority Ranking (Lead)	Tracking No.	System Name	Disadvantaged Community	Present Population	Project Description	Project Cost (\$1,000)	Project Cost - Emerging Contaminants (\$1,000)	Project Cost - Lead (\$1,000)	Construction Start Date	Est. Loar Term <sup>1</sup>
1	-		5201309-23-01	Central Plains WD	Yes	3,504	Water district expansion	11,171	-		2023	30
2	3		2600038-21-03	Ashley	Yes	700	WTP improvements	2,500	1,250		2023	20+
3	4	-	1001380-22-02	Northeast RWD	Yes	7,517	WTP & wellfield expansion	6,000	4,000		2024	
4	-	105	1200211-22-01	Crosby	Yes	1,065	Hendrickson/Holmes water main improvement	3,229	-	55	2024	
5		-	4700637-16-01	Medina	Yes	300	WTP & well improvements	840	-		2023	20+
6	6	-	1801062-22-05	East Central RWD	Yes	8,448	WTP expansion (phase 5)	10,564	10,564	-	2023	20+
7	7	-	1801062-23-01	East Central RWD	Yes	8,448	Hillsboro WTP expansion	9,978	9,978		2023	20+
8	2	-	5001075-23-02	Walsh RWD	Yes	3,340	WTP expansions	10,000	10,000	-	2024	
9	-	-	5000408-02-01	Grafton	Yes	4,170	WTP improvements	5,562	-	-	2023	
10	-	-	2600038-21-01	Ashley	Yes	700	Water tower improvements	2,000	-	-	2023	
11	-	66	3300174-22-01	Center	Yes	600	Water storage & distribution improvements	2,600	-	260	2023	30
12	-	2	4700498-22-01	Jamestown	Yes	16,000	Water main & lead service line replacement	1,500	-	250	2023	30
13	-	-	1801062-22-04	East Central RWD	Yes	8,448	Service to Galesburg	1,784	-	-	2024	
14	-	-	2500415-12-01	Granville	Yes	330	Water main replacement	499	-		2023	1
15	8		3901068-20-01	Southeast WUD	Yes	10,839	West WTP improvements	12,645	12,645	-	2022	
16	-		4701303-19-04	Stutsman RWD	Yes	6.700	Raw water facilities improvements	4,271	-		2023	
17	-	-	2100726-22-04	New England	Yes	600	Refinance of water main, service line, water tower, hydrant, & gate valve replacement	5,996	-		-	
18	-	1	4800152-23-01	Cando	Yes	1,115	Lead service line inventory & replacement	1,115	-	1,115	2023	30
19	-	-	4701303-19-01	Stutsman RWD	Yes	6,700	Service to Streeter	776	-	-	2023	
20	-		3900973-16-01	Wahpeton	Yes	8,004	WTP process improvements	10,707	-		2023	
21	-	-	3900703-11-01	Mooreton	Yes	90	Gate valve & hydrant replacement, control upgrades, addition of bladder tank storage	700	-		2024	
22	-	82	2200827-16-01	Robinson	Yes	45	Distribution system improvements	1,000	-	150	2023	
23	-	16	0800080-19-01	Bismarck	Yes	88,000	Water main & lead service line replacement	3,500	-	1,500	2023	30
24	-		5001075-19-01	Walsh RWD	Yes	3,340	NRWD interconnect	3,340	-		2023	
25	-	-	4001153-14-02	All Seasons WUD	Yes	4,295	System 3 improvements - Turtle Mountains & Lake Metigoshe area	29,000	-		2023	
26	-	3	4700498-22-02	Jamestown	Yes	16,000	Lead service line replacement	3,500	-	3,500	2023	30
27	-	-	2100726-22-01	New England	Yes	600	Refinance of water system imp. districts Phase 1, 2 & 3	5,996	-	-	-	
28	-	-	4000854-22-02	St. John	Yes	342	Water tower replacement	1,875	-	-	2023	
29	-	117	0900017-22-01	Amenia	No	94	Distribution system improvements	700	-	45	2023	
30		7	1900162-22-01	Carson	Yes	238	Railroad, 1st, & 2nd Ave water main replacement	2,577	-	26	2023	30
31	-	8	5100660-23-01	Minot	Yes	80,000	Eastwood park water main replacement	5,000	-	1,000	2023	30
32	-	-	0900336-11-01	Fargo	Yes	166,000	High service pump station	9,500	-	-	2025	
33	-	-	1801056-21-01	Agassiz WUD	Yes	3,525	User & transmission expansion - Phase 2	3,850	-	-	2023	
34	-		0801154-23-02	South Central RWD	Yes	10,400	Service to Ashley	10,560	-	-	2024	
35	-	127	0300762-15-01	Oberon	Yes	104	Distribution system replacement	3,400	-	250	2024	
36	-	-	4001153-21-01	All Seasons WUD	Yes	4,295	Refinance of projects for well, reservoir, SCADA, & pipeline improvements	3,929	-	-	-	
37		-	4700637-16-02	Medina	Yes	300	Water main replacement	840	-	-	2022	
38	-	-	4500069-23-02	Belfield	Yes	1,013	AC water main & gate valve replacement	2,305	-		2024	
39	-	58	3900973-22-01	Wahpeton	Yes	8,004	3rd Ave & 5th St S distribution system improvements	1,480	-	85	2025	
40	-	-	3400170-22-01	Cavalier	Yes	1,247	Water main replacement	1,355	-	-	2023	
41		19	1500571-23-01	Linton	Yes	990	Lead service line inventory & replacement	990	-	990	2023	30
42	-	-	2800389-13-01	Garrison	Yes	2,500	WTP upgrades	5,000	-	-	2022	
43	-	-	2800953-22-01	Underwood	Yes	850	Water tower replacement	3,250	-	-	2023	
44	-	-	3201072-22-02	Tri-County WD	Yes	3,175	Phase 7 expansion	3,286	-	-	2023	
45	-	83	0900336-22-01	Fargo	Yes	166,000	Water main replacement	5,000	-	-	2023	
46	-	-	3700314-02-01	Enderlin	Yes	890	Well field & transmission line	1,700	-		2024	
47	-	-	3700314-08-01	Enderlin	Yes	890	Water tower replacement	2,000	-		2024	1

What is the Priority List?

Dakota | Environmental Quality

Be Legendary.



# Project Priority List

#### Ordered ranking of all eligible SRF projects

Only projects on the PPL are eligible for SRF funding (Emergency projects are an exception for DWSRF)

We will work with emergency projects to streamline funding A memorandum is sent out each year to advertise for eligible projects on the following year's PPL

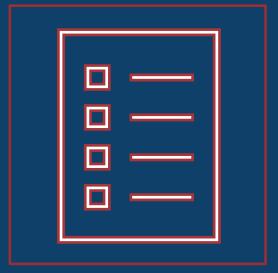


## Request for Project Memorandum

- Sent to potential loan recipients & interested parties
- Ranking questionnaire is available at <u>https://deq.nd.gov/MF/Forms.aspx</u>
  - Systems with new (unlisted) projects (DWSRF)
  - Update questionnaire for systems listed on previous year PPL (DWSRF)
  - All projects must fill out a new questionnaire (CWSRF)
- Ranking questionnaire must be filled out and returned to the NDDEQ by the deadline date



# Ranking Questionnaire (Both Programs)



#### System information

- System name
- Contact information

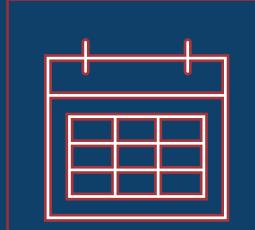
Project information

- Project description
- Anticipated start dates
- Estimated cost

Be Legendary."

Environmental Quality

Public Finance Authority



# Ranking Questionnaire (CWSRF)

Project Cost & System Information	
1. What is the total estimated cost for this project?	\$
2. What is the total estimated CWSRF amount?	\$
3. What is the total estimated grant amounts from other funding?	\$
4. What portion of the total project cost is related to emerging contaminants? Which emerging contaminant(s):	\$
5. What is the number of service connections/users that will be responsible for paying for the project?	
6. What is the current annual residential user charge for this system's service?	\$



# Ranking Questionnaire (CWSRF)

#### **Category Cost**

To assist us in completing the priority list please separate out the project's components with their retable below.

	Secondary Wastewater Treatment (I)	\$
	Advanced Wastewater Treatment (II)	\$
	Water Reuse (X)	\$
Sanitary Sewer	Infiltration/Inflow Correction (III-A)	\$
	Sewer Replacement/Rehabilitation (III-B)	\$
	New Collector Sewers (IV-A)	\$
	New Interceptor Sewers (IV-B)	\$
Stormwater	Gray or Green Infrastructure or Management (VI)	\$
NPS Control	Landfills (VII-J)	\$
	Hydromodification (VII-K)	\$
Water Efficiency	Water Meters	\$
□ Other		\$



# Ranking Questionnaire (CWSRF)

#### Green Project Reserve (GPR) Information

Is there a proposed GPR compone	ent of this project? If yes, please identify the category, desc	ribe, and include
estimated GPR amount.		
Green Infrastructure		\$
Energy Efficiency		\$
Water Efficiency		\$

Environmentally Innovative

Additional information concerning GPR requirements can be found using the links below:

- 1. https://www.epa.gov/sites/production/files/2015-04/documents/green\_project\_reserve-crosswalk-table.pdf
- 2. https://www.epa.gov/sites/production/files/2015-04/documents/green\_project\_reserve\_eligibility\_guidance



## Ranking Questionnaire (DWSRF)

- Project benefits
- Cost (including emerging contaminants and lead)
- Population, service connections, and water rates
- If refinancing: the remaining balance on the loan, interest rate, loan term, and original construction date



## Ranking Questionnaire (DWSRF)

- Regional and rural water systems need to complete Attachment 1 in the questionnaire
- Attachment 1 requests additional information for preproject & post-project service area characteristics based on county
  - Population served
  - Service connections
  - Average annual charge for water service



## Ranking Questionnaire



## **Complete Ranking Process**

- Award ranking points
- Comprehensive Project Priority List (PPL)
- Fundable List (DWSRF)
- Public hearing
- EPA approval



# Priority Ranking System (CWSRF)

- Affordability
- Water quality improvements
- Permit compliance
- Readiness to proceed
- Green project reserve



# Priority Ranking System (DWSRF)

- Water Quality
- Water Quantity
- Affordability
- Infrastructure Adequacy
- Consolidation or Regionalization
- Miscellaneous



## Intended Use Plan (IUP)

- The IUP is a document provided to EPA on how the NDDEQ plans to administer the SRF Program
- The PPL is one element of the IUP and contains all eligible SRF projects
- We will work with you to fund any project from the PPL that is ready to proceed – no project has been turned away for a loan as long as the borrower shows the ability to repay the loan



#### Questions?





### Loan Application Package



## **Application Process**

#### Step 1

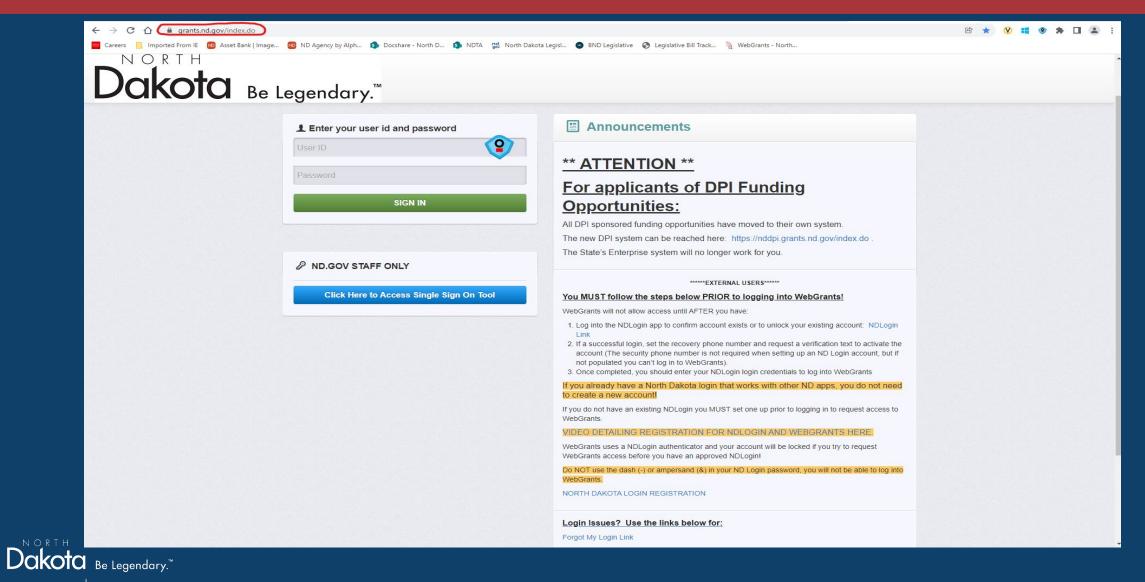
- Apply on grants.nd.gov for "FIND Funding for Infrastructure in ND"
  - Applications will be considered by the SRF programs, the Department of Water Resources, and the Bank of North Dakota Infrastructure Revolving Loan Fund

#### Step 2

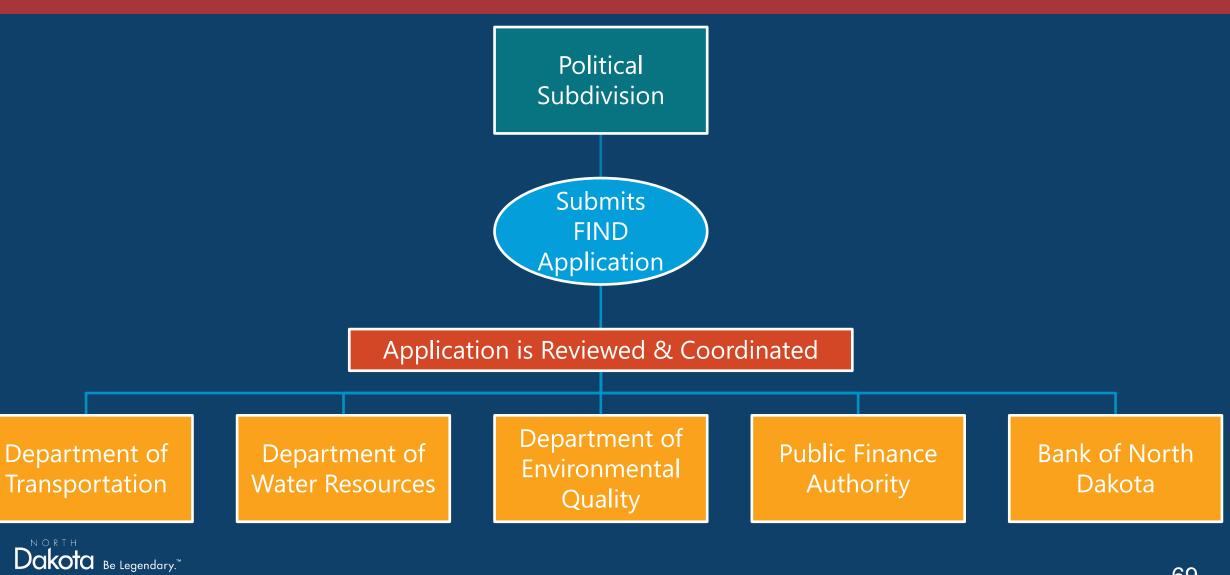
• Fill out the loan application package in SRF Tracker- if funded jointly with the BND IRLF, this will also meet their requirements



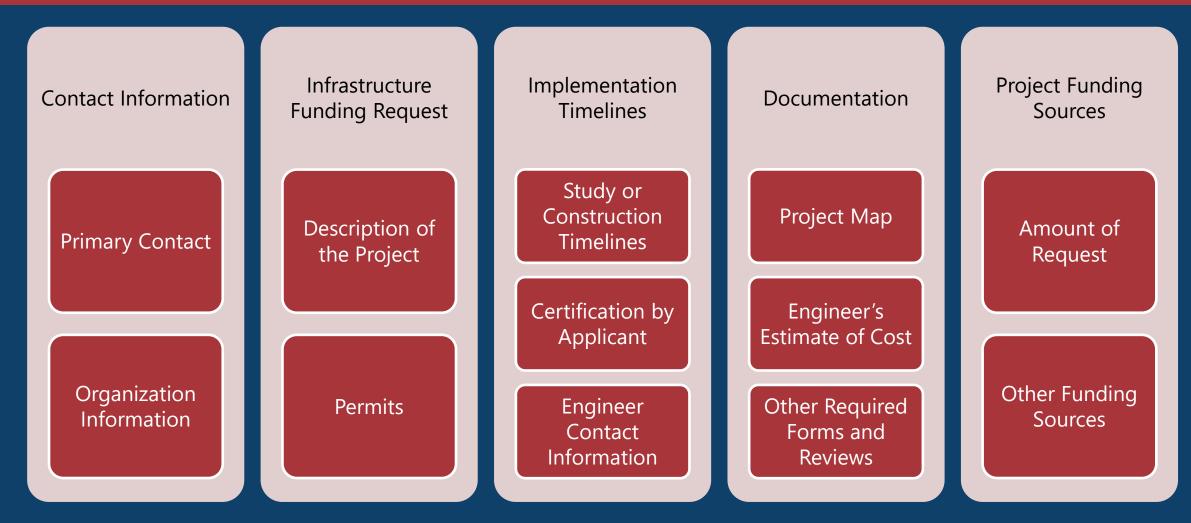
#### FIND



#### FIND PROCESS



## **FIND Application Contents**



#### SRF Tracker

#### North Dakota SRF Tracker

A. General	B. Funding Information	C. Repayment Information	D. Outstanding Debt	E. Economic and Social	F. Financials	G. Attachmer
General						
Customer External City	for DeAnn					
Initiative Na	ame					
	Replacement ect Number		DWSRF Project Nu	umber		
			5800165-04			
Bond Couns	sel					
Are you refi	nancing?					
🔾 Yes 💿 N	0					
Original Am	ount of Debt		Date of Original B	ond Issue		



## Loan Application F. Financials



Loan Application	
A. General B. Funding Information C. Repayment Information D. Outstanding Debt E. Economic and Social	F. Financials
Financials	
Most Recent Month Financial Statements	
Most Recent Operating Budget	
Annual Audited Financial Statements	
2022 Financial Statements	
2021 Financial Statements	
2020 Financial Statements	
2019 Financial Statements	
December 2022 Balance Sheet and YE Statement of Revenue and Expense for all fund types	

What Do You Mean Financial Statements?



Financial Statements & Budget

## Environmental Quality | Public Finance Authority

### Loan Application

A. General B. Funding Information

C. Repayment Information

ion D. Outstanding Debt

ding Debt E. Economic and Social

F. Financials

#### Financials

Most Recent Month Financial Statements

Most Recent Operating Budget

Annual Audited Financial Statements

2022 Financial Statements

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2021 Financial Statements

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2020 Financial Statements

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- -

2019 Financial Statements

This should be the Statement of Net Position (balance sheet) and Statement of Revenues, Expenditures and Changes in Net Position (income statement or profit and loss) for all funds for the most recent month ended.

This should be the operating budget approved by the council or board and submitted to the county, if applicable.

December 2022 Balance Sheet and YE Statement of Revenue and Expense for all fund types

74

### Most Recent Financial Statements

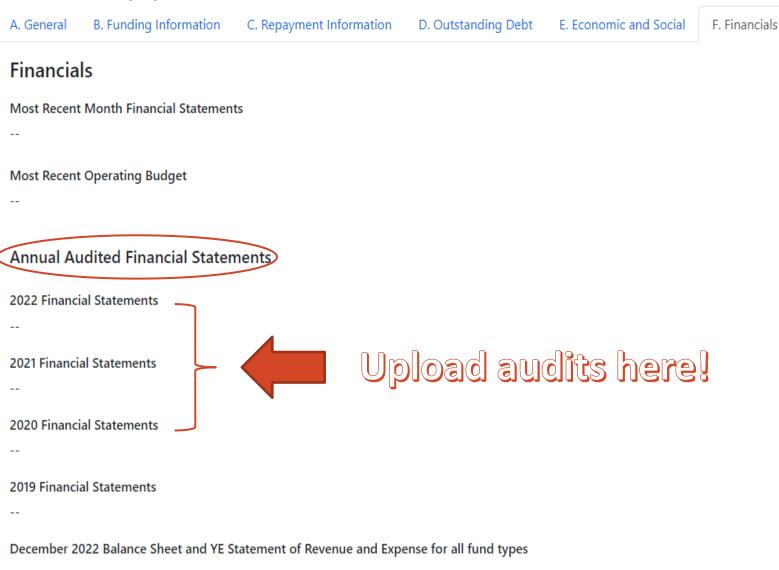


11:58:4			For	Income S the Accounting Pe	tatement riod: 2/23		Repo	rt ID: LB170A	
						Current Ve	ar		
Account	Objec	t Description			Current Month	Current YTD	Budget	Variance	8
Rev	enue								
	3471	Water Charges			19,968.18	42,295.56	255,000.00	-212,704.44	17
	3610	Interest					200.00	-200.00	17
				Total Revenue	19,968.18	42,295.56	255,200.00	-212,904.44	17
Exp	enses								
4141	110	Auditor Salaries Life Insurance			706.27 0.04	1,412.54 0.08	8,548.00	7,135.46 -0.08	17
	230	FICA Retirement Workers Comp			54.05 51.32	$108.09 \\ 102.63$	654.00 706.00 39.00	545.91 603.37 39.00	17 15
	210		l Account		811.68	1,623.34	9,947.00	8,323.66	16
4340	211	Water System Salaries Life Insurance			1,015.62	2,031.25 0.10	12,039.00	10,007.75 -0.10	17
	230	FICA Retirement Workers Comp			73.24 82.90	$146.48 \\ 165.53$	994.00 578.00	-146.48 828.47 578.00	17
	353	Water Dues and Memberships			16,720.65	31,290.13	207,927.00 150.00	176,636.87 150.00	15
	420 423	Operation and Maintenanc Repairs Miscellaneous	e Supplies		112.04	130.54	130.00 14,000.00 15,000.00 2,000.00	13,869.46 15,000.00 2,000.00	1
	100		l Account		18,004.50	33,764.03	252,688.00	218,923.97	13
4341	420	1	e Supplies 1 Account				750.00 750.00	750.00 750.00	
4600		Debt Service Principal Interest					10,000.00 4,400.00	10,000.00 4,400.00	
		Tota	l Account				14,400.00	14,400.00	
				Total Expenses	18,816.18	35,387.37	277,785.00	242,397.63	13
			Net Income	from Operations	1,152.00	6,908.19			

Three Most Recent Audits/State Auditor Reports

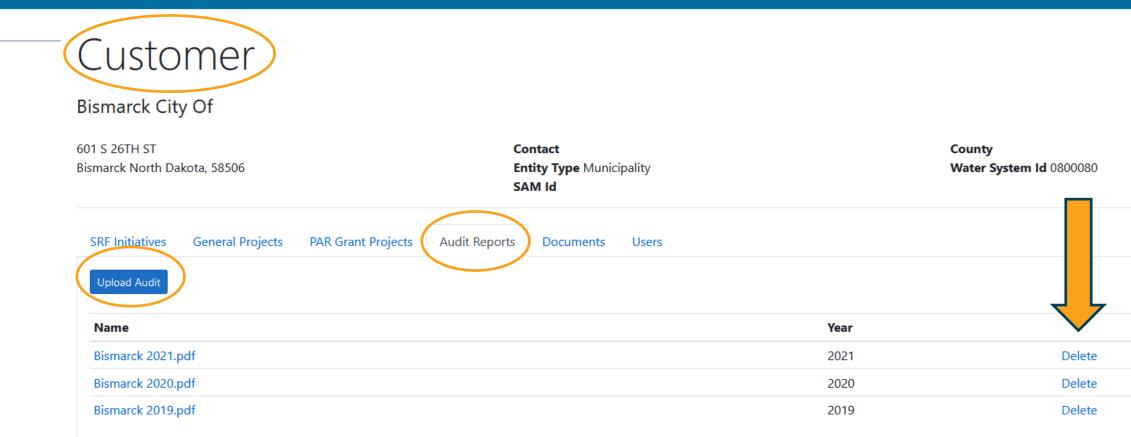


### Loan Application



### Uploading & Deleting Audits

### ♦ North Dakota SRF Tracker





## Most Recent Year-End

### **Annual Audited Financial Statements**

2022 Financial Statements <

2021 Financial Statements

2020 Financial Statements

-

2019 Financial Statements

If the audit/state auditor report is not complete, upload year-end financial statements.

December 2022 Balance Sheet and YE Statement of Revenue and Expense for all fund types

Statement of Changes in Net Position (for all funds)

#### **Balance Sheet** For Sewer Operating Fund (602) December 31, 2022 Assets Cash 602-00-1000 Cash 630.04 602-00-1020 Investment-ICS 416.28 602-00-1021 56.30 Investment-Money Market 602-00-1022 39,773.25 Investment-CD 602-00-1024 Investment-ICS Special Assessments .00 Total Cash 40,875.87 Total Assets 40,875.87 Liabilities and Fund Balance 602-00-2000 Accounts Payable .00 602-00-2010 Federal Tax Withholding .00 602-00-2011 Health Insurance .00 602-00-2012 Retirement .00 602-00-2013 State Tax .00 602-00-2014 .00. Social Security 602-00-2015 .00. Medicare 602-00-2016 .00 Child Support 602-00-2017 Garnishment .00 602-00-2018 Unemployment SUI .00 .00 Total .00 Total Liabilties Fund Balance 31.110.13 602-00-3000 602-00-3010 Excess of Revenues over Expenditures .00 31,110.13 Total Excess of Revenue Over Expenditures 9.765.74 40.875.87 Total Fund Balances

Total Liabilities and Fund Balances



40,875.87

1/5/2023 2:25pm Statement of Revenue and Expenditures										
		Revised Bud	aet							
	F	or Sewer Operating	-							
For the Fiscal Period 2022-12 Ending December 31, 2022										
Current Current Annual YTD Remaining										
Account Number		Budget	Actual	Budget	Actual	Budget %				
Revenues										
602-00-4471 Residentia Sales	\$	3,041.63 \$	3,207.67 \$	36,500.00 \$	41,107.69	(12.62%)				
602-00-4472 Commercial Sales		8.37	0.00	100.00	0.00	100.00%				
602-00-4511 Penalty Collections		0.00	0.00	0.00	0.00	0.00%				
602-00-4610 Interest Earnings		62.50	44.87	250.00	226.86	9.26%				
602-00-4690 Other Income		8.37	0.00	100.00	0.00	100.00%				
602-00-4900 Transfer In		10,000.00	0.00	20,000.00	0.00	100.00%				
Total Sewer Operating Fund Revenues	\$	13,120.87 \$	3,252.54 \$	56,950.00 \$	41,334.55	27.42%				
Expenditures										
602-00-5000 Salaries	\$	1.732.12 \$	1.070.28 \$	20.785.00 \$	15,429,17	25.77%				
602-00-5005 Payroll Tax	Ψ	132.50	81.88	1.590.00	1.180.29	25.77%				
602-00-5006 Unemployment Tax		0.00	0.00	0.00	0.00	0.00%				
602-00-5010 Health Insurance		453.63	213.48	5.444.00	2.579.68	52.61%				
602-00-5011 Retirement		69.37	39.94	832.00	474.85	42.93%				
602-00-5250 Unemployment		0.00	0.00	0.00	0.00	42.93%				
602-00-5351 Electric		323.37	320.20	3,880.00	4,064.13	(4.75%)				
602-00-5420 Operations & Maintenance		266.63	0.00	3,200.00	2,658.20	(4.75%)				
602-00-5426 S1700 International Sewer Truck		40.00	214.53	400.00	2,058.20	46.37%				
602-00-5429 Jetter		40.00	0.00	300.00	31.46	40.37%				
602-00-5429 Jetter		8.37	0.00	100.00	0.00	100.00%				
602-00-5490 Miscellaneous 602-00-5505 Sewer Line Repair		0.00	0.00	0.00	4,936.50	0.00%				
602-00-5900 Transfer Out		0.00	0.00	0.00	4,930.50	0.00%				
	\$	3,025.99 \$	1,940.31 \$	36.531.00 \$	31,568.81	13.58%				
Total Sewer Operating Fund Expenditures	<b>Þ</b>	3,023.99 \$	1,940.31 \$	30,331.00 \$	31,308.81	13.38%				
	•	40.004.00			0 705 74	50.470				
Sewer Operating Fund Excess of Revenues Over Expen	15	10,094.88 \$	1,312.23 \$	20,419.00 \$	9,765.74	52.17%				

Statement of Revenues, Expenditures and Changes in **Net Position** (for all funds)

## 2023 Legislation SB 2180

In lieu of conducting an audit every two years, the state auditor may require annual reports from political subdivisions subject to this section, or otherwise provided by law, for any report delinguent as of June 30, 2023, or from political subdivisions with less than \$2 million dollars of annual receipts



### Annual Receipts

State Auditor's Annual Financial Report Form

FORM 8 (Page 2) STATEMENT OF RECEIPTS, DISBURSEM Decemb	NAME OF CITY City of						
FUND			ALL F	UNDS			
	Fund balance, January 1, 2021				Disbursements	Fund balance December 31, 2021	
ENTERPRISE FUNDS							
Water/Sewer fund	50,518.71	93,452.62	-	690.00	90,051.43	53,229.90	
Meter Deposit	15,028.75	500.00	-1	-	600.00	14,928.75	
Garbage fund	28,288.41	44,597.25	-	-	41,330.92	31,554.74	
Mosquito	13,161.39	6,431 <u>.</u> 25	-	-	2,455.00	17,137.64	
Trailer Projects	57,317.25	3,058.14	-	-	-	60,375.39	
TOTAL ENTERPRISE FUNDS	164,314.51	148,039.26	-	690.00	134,437.35	177,226.42	
TRUST AND AGENCY FUNDS						-	
Park District	-		-	-	-	-	
Grant Account - CDBG checkbook	300.00	91,271.01	-		91,271.01	300.00	
	-	-	-	-	-	-	
						-	
TOTAL TRUST AND AGENCY FUNDS	300.00	91,271.01	-	-	91,271.01	300.00	
TOTAL - ALL FUNDS	1,360,676.11	947,781.71	21,690.00	21,690.00	582,140.75	1,726,317.07	
ORM SFN 9540 Page 14							

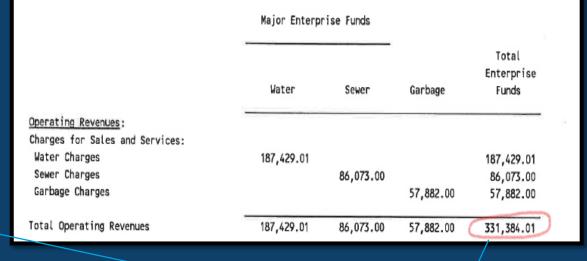
### Annual Receipts – Audit Reports

Statement of Revenues, Expenditures and Changes in Fund Balances -Modified Cash Basis Governmental Funds For the Year Ended December 31, 2021

Maina Euroda

	Major Funds		
	General	Street	Total Governmental Funds
Revenues:	-		
Taxes	276,704.48		276,704.48
Licenses, Permits and Fees	5,695.00		5,695.00
Intergovernmental	542,848.53	95,843.07	638,691.60
Charges for Services	31,688.82		31,688.82
Miscellaneous	29,845.08	5.58	29,850.66
			-
Total Revenues	886,781.91	95,848.65	982,630.56

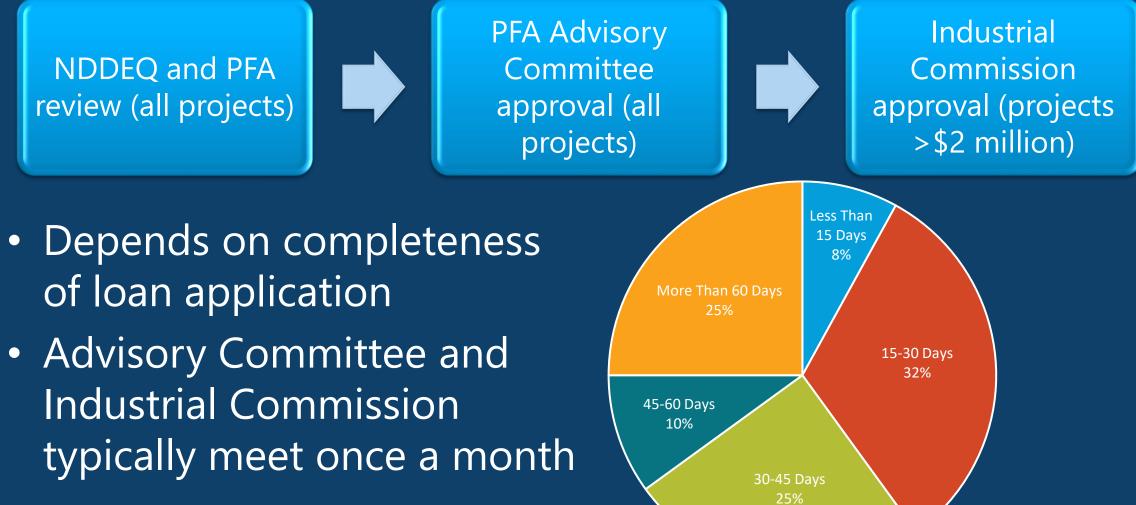
Statement of Revenues, Expenses and Changes in Fund Net Position - Modified Cash Basis Proprietary Funds For the Year Ended December 31, 2021



Governmental982,630.56Proprietary331,384.01Total Revenue\$1,314,014.57



## How long will it take to get a loan?





### When Should I Apply?





### Technical Assistance



### RATE ANALYSIS

### PREPARING FINANCIAL STATEMENTS

### **BOARD TRAINING**



### Questions?





### LOAN APPLICATION G. ATTACHMENTS

### Shannon Fisher

### Loan Application Attachments

- Budget Sheet
- Certification of Eligibility
- Resolution of Governing Body
- ACH Authorization
- The Feasibility/Engineering Study
- Technical, Managerial, and Financial Capability Information (DWSRF Loans only)
- Tabulation of Useful Life (Loans Terms > 20 Years Only)



### Budget Sheet

#### BUDGET SHEET

#### (Round to the nearest thousand)

	COST CLASSIFICATION	CWSRF	DWSRF	IRFL			TOTAL
1.	Administrative expenses						\$ 0
2.	Land, structures, rights-of-way						\$ 0
3.	Engineering basic fees						<b>\$</b> 0
4.	Other engineering fees						<b>\$</b> 0
5.	Project inspection fees						\$ 0
6.	Land development						<b>\$</b> 0
7.	Relocation expenses						<b>\$</b> 0
8.	Construction and project improvement						\$ 0
9.	Equipment						<mark>\$</mark> 0
10.	Capitalized interest						\$ 0
11.							<mark>\$</mark> 0
12.							\$ 0
13.	SUBTOTAL	\$ 0	\$ 0	\$ O	<mark>\$</mark> 0	<b>\$</b> 0	\$ 0
14.	Contingencies						\$ 0
15.	TOTAL	\$ 0	<b>\$</b> 0	\$ O	\$ O	\$ 0	\$ 0
16.	CWSRF Funds	\$ 0					
17.	DWSRF Funds		\$ 0				
18.	IRFL			\$ O			
19.	Local			·····	\$ 0		
20.	OTHER (Specify)					\$ O	
21.	TOTAL ALL FUNDS						\$ 0
	TOTAL ALL FUNDS						_

6

### **Debarment & Suspension Certification**

- "Certification of Eligibility"
- Recipient of an SRF loan must submit to the State
- With original signatures

#### CERTIFICATION REGARDING

DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

- Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
- (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
- (d) Have not, within a three-year period preceding this application/proposal, had one or more public transactions (federal, state, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 U.S.C. Section 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

I am unable to certify to the above statements.

Attached is my explanation.

## Resolution of Governing Body

### Suggested format:

- Resolution number
- Governing body of applicant
- Designated official authorized to execute
- Legal name of applicant
- Brief project description

Be Legendary."

Environmental Quality

Public Finance Authority

• Certificate of recording officer

		SOLUTION OF GOVERNING B (Suggested Form		
		RESOLUTION NO.		
	n authorizing filing of a t and/or the Safe Drinki	pplication with the North Dakota Departme ng Water Act.	nt of Environmental Quality for a los	an under the Clean
	ed the making of loans	e Clean Water Act and/or the Safe Drinking to authorized applicants to aid in the constr		
OLVI		(Governing Body of Applicant)		
1.	That(Designated		ed to execute and file an application	0
			the black Dalata Decodment of	in in a market
	on behalf of	(Legal Name of Applicant)	th the North Dakota Department of	unvironmental
	Quality for a loan to a	d in the construction of:		
		(Brief Project Desc	ription)	
2.	That			
		(Authorized Representative)	(Title)	
	Environmental Quality	rized and directed to furnish such informat may reasonably request in connection with ary documents, and, on behalf of loan recip	the application which is herein auth	orized to be
		CERTIFICATE OF RECORD	NG OFFICER	
	The underringed duby	qualified and acting		of the
	The undersigned duty	qualities and acong	(Title of Officer)	orue
		does hereby certify that the attac	thed resolution is a true	
	(Legal Name of App	licant)		
		e resolution, authorizing the filing of applica t a legally convened meeting of the	ation with the North Dakota Departm	nent of Environmental Quality
			eday of	20;
	(Name of Govern	ing Body of Applicant)		
	and further that such r	esolution has been fully recorded in the jou	mal of proceedings and records in n	ny office.
	In WITNESS WHEREOF	, I have hereunto set my handthis	day of	, 20,
Sig	nature of Recording Off	icer*		

## Resolution of Governing Body

The individual(s) listed as the Authorized Representative(s) are the only ones that may submit payment requests

# Note: If designated official gets replaced – Send new updated form

More than one individual can be listed on the resolution to provide flexibility with submitting documents



## Technical Capacity (DWSRF Only)

- Schematic (rough sketch block diagram)
- Source water quality
- Wellhead protection / Source water assessment programs
- Documentation



## Technical Capacity (DWSRF Only)

- Infrastructure condition (treatment, storage, transmission, and distribution)
- Current and future adequacy
- Class of water system
- Operator certification
- O & M manual
- Emergency response plan
- SDWA violations



## Managerial Capacity (DWSRF Only)

- Ownership accountability
- Identify operator(s) & specific job descriptions
- Continuing education credits
- Responsibility to establish policies
- Written policies



### Loan Application Submission

Complete **ALL Items** 

SRF Tracker will not allow submission of the loan application until all parts are filled out and green

North Dakota	a SRF Tracker	Fisher-Golva, Shannon Logout					
	Loan Application						
	A. General B. Funding Information C. Repayment Information D. Outstanding Debt E. Economic and Social F. Financials G. Attachments H. Summary Download Summary Document   Download Loan Application Documents General View	Submit for Review					
	This section is complete. You may return to this section to make changes before submitting the application.						
	Funding Information View						
	Section is not complete. You must complete this section to be able to submit the application. Sources for each funding source must equal the funding source total						
	Repayment Information View						
	Section is not complete. You must complete this section to be able to submit the application. Missing items: Annual Operation and Maintenance Costs Largest Users as of Date Largest Users Bulk User Data						
	Outstanding Debt View						
	This section is complete. You may return to this section to make changes before submitting the application.						
	Economic and Social View						
	Section is not complete. You must complete this section to be able to submit the application. Missing items: Population Served School Enrollment Employers						
	Financials View						



### Questions?





## The Facility Plan



Mitchell Murray

## Facility Plan

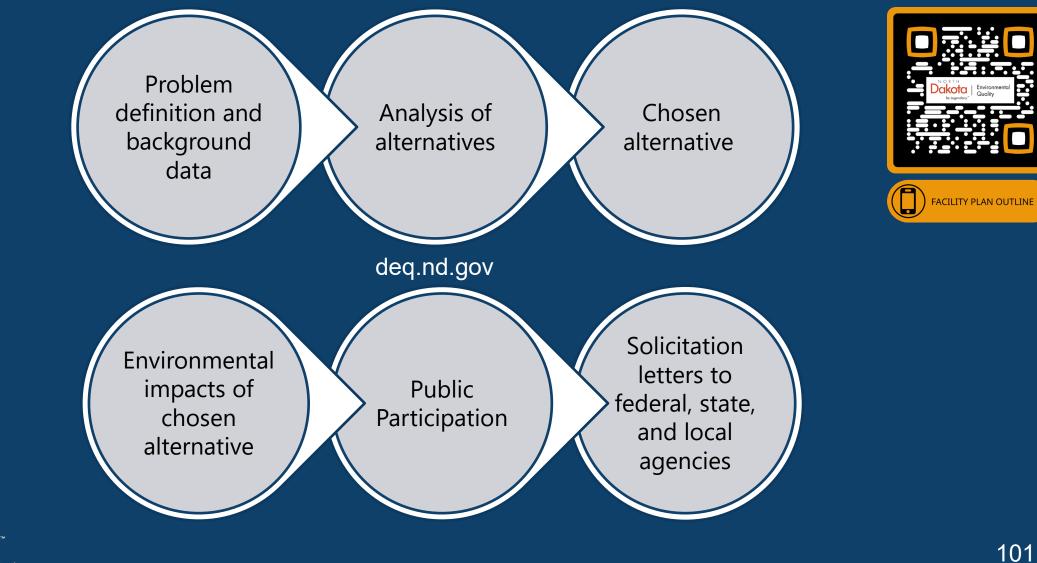
- Describes problem
- Analysis of alternatives
- Selects alternative
- Environmental impacts
- Impact mitigation
- Provides cost estimates for decisionmaking purposes







### Outline



### Problem Definition and Background Data

Describe need and problems to be solved

Identify regulatory, public health, environmental, and safety issues

Show planning area, existing/future service areas

Provide a summary of geotechnical investigations

## Analysis of Alternatives

- Alternatives that must be included
  - Optimum operation of existing system (do nothing)
  - Upgrade of the existing system
  - New System
- Comparison of alternatives
  - Present worth or annual equivalent cost analysis
  - Non-monetary factors
- Discuss compliance with regulation and permit requirements at national, state, and local levels
- Cost and Effectiveness Certification (CWSRF)



### **Chosen Alternative**

### Selection Reasoning

### Description

- Drawings/diagrams of process units and operations
- Financial data, including capital costs, O&M costs and proposed fee schedule
- Project component's design life and associated costs to determine loan term eligibility
- Impacts to existing and new facilities
- Project schedule for design and construction

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### **Environmental Impacts of Chosen Alternative**

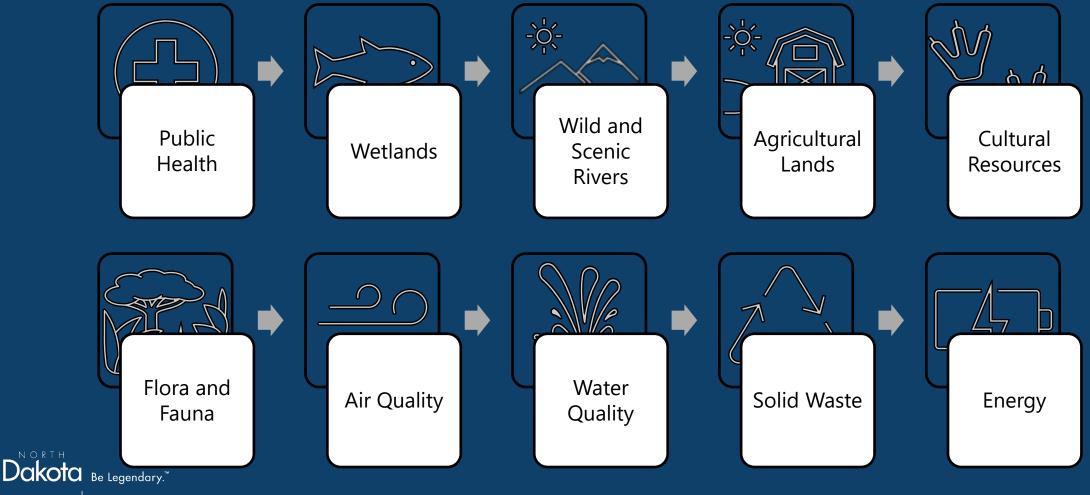
Department Resou		ter Agricultu Reso		US Dept. of Agriculture , Natural Resources Conservation Service		North Dakota Gam and Fish Departme	
US Army ( Engineers, I District (	_ocal and	l and Preserva		listorical ion Officer		of Envir	akota Dept. onmental (NDDEQ)
jendary. <sup>™</sup> Finance Authority		nd Wildlife vice		Any othe by this			

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**Environmental Quality** 

## **Environmental Impacts of Chosen Alternative**

Discuss impacts related to the following topics, if applicable:



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### **Public Participation**

Public meeting(s) must be well publicized Public meeting(s) to discuss alternatives and proposed solutions Include public comments and how they were addressed or copy of meeting minutes



### Submission Requirements



# Can be submitted prior to or after loan application



Must be signed and sealed by a ND Professional Engineer

## Approval

A minimum of <u>30 days</u> to receive responses from agency solicitation letters Additional time for NDDEQ review of facility plan and preparation of the Environmental Determination

A minimum <u>30-day</u> public comment period after publication of a FONSI The construction contract <u>CANNOT</u> be awarded until the environmental review process is complete and authorization to award is received from the NDDEQ



### Change in Scope?

If a project changes scope after the initial environmental assessment has been completed, contact the SRF engineer to advise them of the change as soon as possible.

If the new work is not covered by the initial environmental assessment, the engineer will need to resolicit comments from the required agencies and the initial environmental assessment will need to be modified.

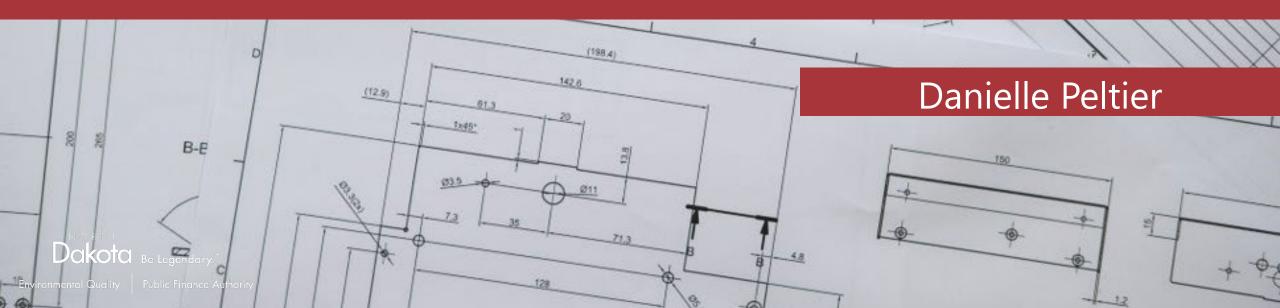


### Questions?





### **PLANS & SPECIFICATIONS**



### **Specification Package**

New Boiler Plate and Bid Language ready for use

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# Project requirements are based on following project categories:

All CWSRF & DWSRF Projects CWSRF Treatment Works and all DWSRF Projects

SRF Equivalency Projects BIL Equivalency and/or BIL Loan Forgiveness Projects

### **Contract Documents**

- Advertisement for bids
  - language covering MBE/WBE and EEO requirements (if an SRF equivalency project)
- MBE/WBE solicitation information sheets
  - required in inner envelope (no longer required in the outer envelope)
- General Conditions
- Construction Contracts

- Notice of Award
- Notice to Proceed
- Change Order
- Bonding and Insurance
  - 5% Bid Bond (required w/ bid)
  - 100% Performance Bond –OR- 100% Payment Bond
  - Insurance: public liability, builders risk, property damage, fire, flood and workers' compensation



### **Project Categories**

#### All CWSRF/DWSRF Projects

- USDOL Form
- Discovery of Archeological and Other Historical Items
- OSHA
- CWSRF Treatment Works & All DWSRF
   Projects
  - Davis-Bacon Wage Rate Requirements
  - Davis-Bacon Wage Decision
  - AIS Requirements
  - Full Lead Service Line Replacement (DWSRF Projects)
- BIL Equivalency/BIL Loan Forgiveness
  - Signage Requirements

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#### • SRF Equivalency Projects

- Notice of Requirement of Affirmative Action
- Standard EEO Construction Contract Specs
- Guidance for Utilization of Small, Minority, and Women Business Requirements
- Certification Regarding Debarment, Suspension, and other Responsibility Matters
- Prohibition Against Listed Violated Facilities
- Prohibition on Certain
   Telecommunications and Video
   Surveillance Services or Equipment
- BABA Requirements

#### SRF Specification Package and Required Bid Language

### MBE/WBE utilization guidance

- MBE utilization objective is 2%
- WBE utilization objective is 3%
- MBE/WBE Subcontractor Solicitation Form
  - MUST BE SIGNED AND IN INNER ENVELOPE

### Notice of requirement for Affirmative Action

- Goals for minority participation Found in Spec Package Goals for female participation is 6.9%
- Covered area described Found in Spec Package



#### Participation Goals must be filled out.

### Covered Area must be filled out.



#### EQUAL EMPLOYMENT OPPORTUNITY and AFFIRMATIVE ACTION REQUIREMENTS on FEDERALLY ASSISTED CONSTRUCTION CONTRACTS

Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)

1. The Offerer's or Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.

2. The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for minority participation in each trade - \_\_\_\_\_ Goals for female participation in each trade - \_\_\_\_\_

These goals are applicable to all the contractor's construction work (whether or not it is Federal or Federally assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contract or from project to project for the sole purpose of meeting the contractor's goals shall be a violation of the contract, the Executive Order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number for the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed.

4. As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is

This notice shall be included in, and shall be a part of, all solicitations for offers and bids on all federal and federally assisted construction contracts or subcontracts.

#### EQUAL OPPORTUNITY CLAUSES

The Equal Opportunity Clause published at 41 CFR Part 60-1.4(b) is required to be included in, and is part of, all nonexempt federally assisted construction contracts and subcontracts. The Equal Opportunity Clause shall be considered to be a part of every contract and subcontract required by the regulations in this part to include such a clause whether or not it is physically incorporated in such contracts.

In addition to the clauses described above, all federal contracting officers, all applicants, and all non-construction contractors, as applicable, shall include the specifications set forth in this section in all federal and federally assisted construction contracts in excess of \$10,000 to be performed in geographical areas designated by the Director pursuant to §60-4.6 of this part and in construction subcontracts in excess of \$10,000 necessary in whole or in part to the performance of nonconstruction Federal contracts and subcontracts covered under the Executive Order.

#### ND Minority Participation Goals

Covered Area*	Goal (perce
149 Fargo-Moorhead, ND-MN: Non-SMSA Counties	
MN Becker; MN Clay; MN Wilkin; ND Barnes; ND Cass; ND Dic ND Eddy; ND Foster; ND Griggs; ND La Moure; ND Logan; ND McIntosh; ND Ransom; ND Richland; ND Sargent; ND Steele; N Stutsman; ND Traill	
50 Grand Forks, ND:	
SMSA Counties: 2985 Grand Forks, ND-MN	10
MN Polk: ND Grand Forks	1.2
Non-SMSA Counties	
MN Beltrami; MN Clearwater; MN Hubbard; MN Kittson; MN Lal the Woods; MN Mahnomen; MN Marshall; MN Norman; MN Pennington; MN red Lake; MN Roseau; ND Benson; ND Cavali Nelson; ND Pembina; ND Ramsey; ND Towner; ND Walsh	
151 Bismarck, ND:	
SMSA Counties:	
1010 Bismarck, ND	0.4
1010 Bismarck, ND ND Burleigh; ND Morton	
1010 Bismarck, ND	1.3 ND
1010 Bismarck, ND ND Burleigh; ND Morton Non-SMSA Counties ND Adams; ND Billings; ND Bowman; ND Dunn; ND Emmons; Golden Valley; ND Grant; ND Hettinger; ND Kidder; ND Mercer	1.3 ND ; ND

\*Insert the project location and the appropriate minority participation goal in the following Executive Order 11246 language. The female participation goal is 6.9% for the entire state.

## Submittal

#### Cover letter

• Contact information (including email) and Project description

#### • Specifications

- Written details of project construction
- Specific and general

#### • Plans

- Project drawings (all sheets Signed and Sealed by ND Professional Engineer)
- All necessary details and locations
- Three sets (at least one 11 x 17)
- Please submit plans and specifications at least 3-weeks before bid opening





### Standards

- Ten States Standards
- Plumbing Code
- AWWA Standards for testing
- Drinking Water components and chemicals must be NSF 60 & 61 approved
- North Dakota Administrative Code (NDAC) Chapter 33-19-01
- ND Plumbing Code (NDAC Chapter 62-03.1-03)

### Questions?





### **BID PROCESS**



## Bid Opening

The consulting engineer will review each bid to verify all SRF requirements are met and ensure the following:

• Acknowledgement of all addenda on the outside of the bid envelope

- A current copy of the contractor's license **inside the outer envelope**
- A copy of the 5% Bid Bond inside the outer envelope

If these items are not present, THE BID CANNOT BE OPENED.

Previously, the MBE/WBE form was required to be in the outer envelope. This is no longer a requirement!



### **Bid Documents Review**

- The consulting engineer shall submit the following bid documents to the SRF program for review and approval PRIOR TO CONTRACT AWARD.
  - Consulting engineer's letter of recommendation for award of contract(s), including contract amount(s)
    - If the low bidder is not selected, justification shall be provided.
  - Request from loan recipient to award contract (letter or city council minutes), including contract amounts
  - Bid tabulation, including Engineer's estimate
    - Attach explanation if bid exceeds Engineer's estimate by more than 10 percent.



### Bid Documents Review (cont.)

- Proof of advertising including Affidavit of Publication and Bid Notice
- Revised budget sheet and loan increase application, if necessary
- Any ineligible project costs must be identified.
- Current Engineering Agreement
- Current Davis-Bacon Wage Determination must be used and verified within 10 days before the bid opening. (DWSRF and CWSRF treatment works projects)
- Addenda not previously submitted

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### Bid Documents Review (cont.)

- Two lowest proposals (complete, signed and dated) including the following documentation:
  - A copy of the 5% Bid Bond
  - A copy of the current contractor's license
  - Acknowledgement of all addenda
  - Completed Certification Regarding Debarment, Suspension, and Other Responsibility Matters
  - A copy of the completed and signed MBE/WBE subcontractor solicitation information sheet(s) (Equivalency only)
    - At least 3 MBE's and 3 WBE's must be solicited. If the prime contractor does not utilize any subcontractors, a letter of explanation must be provided.



### **Bid Documents Review**

#### IF A NOTICE OF AWARD IS ISSUED PRIOR TO RECEIVING OUR WRITTEN AUTHORIZATION, THE OWNER ASSUMES THE RISK OF NOT HAVING SECURED FUNDING



### Contract Award

After awarding the contract, the following documentation is required:

- Notice of Award
- Notice to Proceed
- Executed construction contract including performance and payment bonds
- MBE/WBE subcontracts (Equivalency only: within 10 working days of their award)



### Contract Award (cont.)

After awarding the contract, the following documentation is required:

- Workers' compensation and insurance certificates
- US Department of Labor (USDOL) form completed and submitted to USDOL and SRF program for any construction subcontract in excess of \$10,000 at any tier for construction work completed under each contract (within 10 working days of their award)
- State tax clearance



### Questions?





### **CONSTRUCTION PHASE**

### Hristo Papalichev



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### Construction

#### **Discussion items**

- Preconstruction meeting
- Inspections
- Project closeout documents

#### **Project categories**

- All CWSRF/DWSRF projects
- CWSRF Treatment Works and all DWSRF projects
- SRF Equivalency projects
- Bipartisan Infrastructure Law (BIL) Equivalency and/or BIL Ioan forgiveness projects



### **Preconstruction Conference**

### All CWSRF/DWSRF Projects

- These projects are subject to OSHA requirements and regulations. The engineer or engineer's RPR must document safety meetings
- The recipient must maintain separate project accounts
- All change orders must be reviewed by the engineer and then approved by the SRF project engineer
- The loan recipient or their engineer representative shall notify the SRF project engineer if there is an expansion of the original project area that is not covered by the environmental review



### Preconstruction Conference (cont.)

#### CWSRF Treatment Works and all DWSRF Projects

- These projects must comply with the Davis-Bacon wage rate determinations in the approved specifications
- Payroll interviews must be conducted by the engineer or RPR
- A bulletin board must display the Davis Bacon poster, and current Davis Bacon wage rates
- Full lead service line replacement
- These projects are subject to American Iron and Steel (AIS) provisions



### Preconstruction Conference (cont.)

### SRF Equivalency Projects

- These projects are subject to EEO requirements. A bulletin board must be on location that displays the EEO poster
- MBE/WBE subcontractors
- These projects are subject to Build America, Buy America (BABA) requirements



### Preconstruction Conference (cont.)

### BIL Equivalency and/or BIL Loan Forgiveness Projects

- These projects are subject to BIL signage requirements. A physical sign displaying the official Building a Better America emblem, US EPA logo, and NDDEQ's CWSRF/DWSRF logo shall be placed at the construction site in an easily visible location
- The SRF program will have the signs manufactured, but a project representative will need to pick up the sign or arrange delivery



### Inspections

The following requirements are checked as applicable based on project category:

Davis Bacon, wage rate, EEO posters, and BIL signage
AIS and BABA certifications from manufacturers

### We also check for:

Status of project (pictures are taken)Compliance with safety regulations



### Inspections (cont.)

• An initial inspection will be conducted soon after construction has begun

• An interim inspection will be conducted shortly after the initial inspection and approximately once each quarter during construction



 A final inspection will be conducted after construction is complete and ready for final payment/project closeout

### Close Out

Before we can make final payment and close the project account, we will need:

- Final SRF request for payment
- Final balancing change order
- Final construction contractor's application for payment
- Engineering invoices and engineering agreement/updates (if not previously submitted)
- Invoices for all eligible expenses (if not previously submitted)

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### Close Out (cont.)

- Engineer's certification that the project was completed according to approved plans and specifications and any change orders
- Loan recipient's acceptance of work by the contractor
- O&M manual letter
- Initiation of operation date
- Contractor's and loan recipient's certification of payrolls
- Loan recipient's certification of AIS compliance
- Loan recipient's certification of BABA compliance



### Questions?

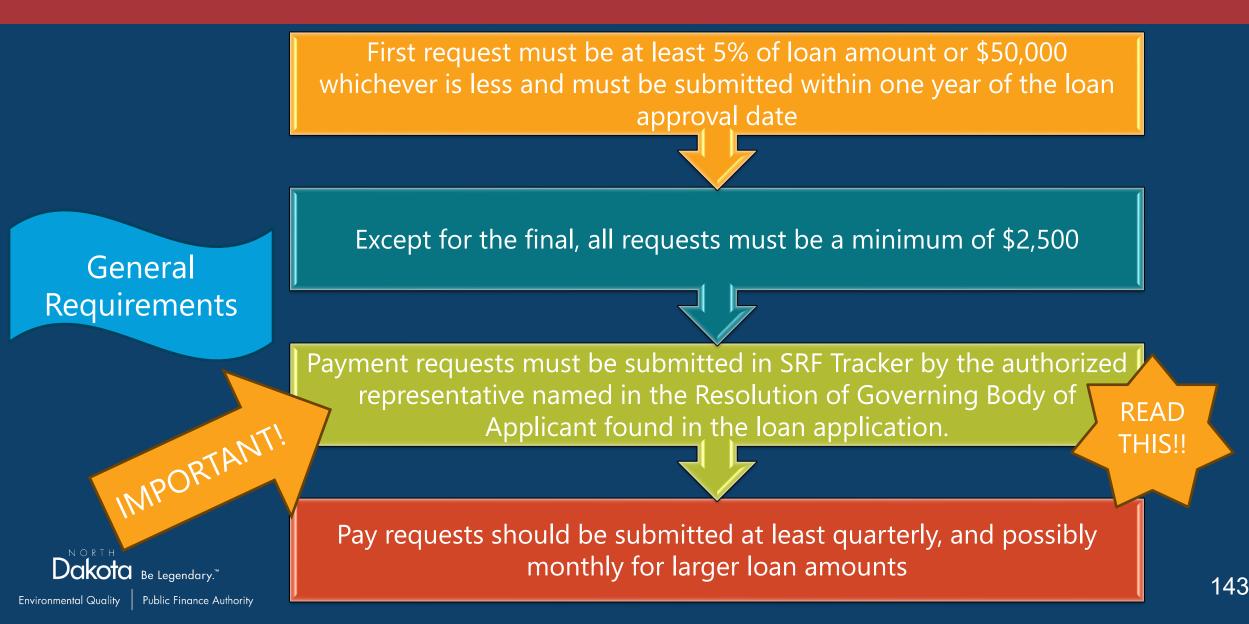




### **SRF REQUESTS FOR PAYMENT**



### SRF Requests for Payment



### SRF Requests for Payment

Copy of engineering agreement(s) required before any engineering fees are reimbursed – must be uploaded in SRF Tracker

General Requirements Executed and dated construction contract, Notice of Award, and Notice to Proceed required before any construction costs are reimbursed

Executed change orders are required, with SRF approval, prior to requesting reimbursement of these costs



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Contractor's pay applications must be signed by all parties

When a project is near completion, payments will be limited to 95% to ensure that we receive the final paperwork to close out the loan Limitation is figured on approved, eligible construction costs incurred to date or on the loan amount whichever is less If the project consists of multiple contracts, the final documents are required as each contract is completed





Final requests for payment will not be processed until all the required closeout documentation has been received and a final inspection has been completed



Procedure/Timeframe for receiving payments

Payments are made approximately two weeks after a completed payment request, and all required supporting documentation is received

Depending on the number and complexity of weekly requests received, payments may take longer

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♦ North Dakota SR	RF Tracker			Fisher, Shannon	Logout
Ne	ew Draw Reques	t			
<b>Draw R</b> 23-1	Request Id		Status Draft		
<b>DWSRF</b> 9999999	<b>F Number</b> 39-01				
	WSRF Draw? I DWSRF Draw				
Invoi	ices				
No invo	No invoices to display. Click button to add invoices.				
Add Ir	Invoice				
Total	ls				
DWSRF	Amount Requested				
Percenta	tage of physical completion of project	0 %			
Certi	Certification Before submitting the draw request it must be certified. When the submit button is clicked a popup will display providing two certification options: 1. Certify the draw request yourself, or 2. Upload the completed Certification form below Option 1 requires that the submitter be an Authorized Signer identified on the Resolution of Governing Body document.				
Before s					
Option					
Downlo	Download Certification and Signature Form				
Cance	el Save Submit				

# Draw Request Tips

Upload invoices individually and NOT in batches!

If you have a spreadsheet or PDF file you want to provide for the draw request, you can enter an invoice of \$.01 and upload the file in place of an invoice.

Do not use special characters in naming files that will be uploaded to SRF Tracker.



### Questions?





### **ONGOING SRF REQUIREMENTS**



### Loan Repayment

Bank of North Dakota, as trustee, sends the invoices and receives the payments A principal payment must be made within 12 months of the completion of construction

March 1 – interest and admin fees

September 1 – principal, interest & admin fees



### **SRF Annual Review**

Each year a political subdivision has an outstanding loan(s), they must upload to SRF Tracker either:

Audit report or

State Auditor 's "Annual Financial Report in Lieu of an Audit."

What is reviewed? 1. Reserves 2. Coverage





### SRF Required Reserves

#### **APPLIES ONLY TO LOANS BACKED BY REVENUE BONDS**

Reserves are held by the political subdivision Must fully fund within 5 years of completion of construction

### The required reserve amount is the lesser of

10% of par

Maximum annual principal and interest 125% average annual principal and interest

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### SRF 110% Operating Coverage

**APPLIES ONLY TO LOANS BACKED BY REVENUE BONDS** 

Bond resolutions for loans backed by revenue bonds covenant that the Borrower will charge fees that will generate net revenues that are at least equal to 1.1 times the annual debt service for **ALL** outstanding revenue bonds.



# SRF 110% Operating Coverage Example

#### **APPLIES ONLY TO LOANS BACKED BY REVENUE BONDS**

Operating Rev\$ 800,000Less: Operating Exp770,000Plus: Depreciation80,000Net Operating\$ 110,000

Annual Revenue Bond Principal & Interest

\$100,000

Coverage: \$110,000/100,000 = 110%



### Certification

One Year Certificat of Performance must be uploaded to SRF Tracker

> • It must be dated at least one year after the date of initiation of operation





### Questions?



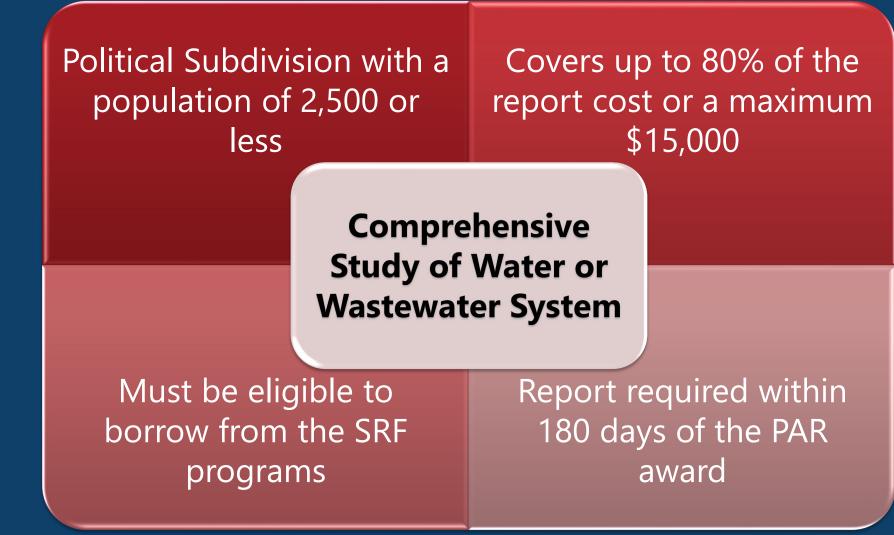


### PLANNING ASSISTANCE REIMBURSEMENT (PAR) GRANTS





### PAR Grants



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Narrative description of environmental considerations and map(s)



Discussion of the direct and indirect impacts that will result from the project



Recommendations for improvements, unit cost breakdowns, and present worth evaluations of each feasible alternative



Financial considerations: breakdown of monthly user rates to include debt service on the proposed project, O & M, existing debt service, and capital replacement reserve fund



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Audit reports for the most recent 3 years

### Questions?



### **DWSRF** Contact Info





### deq.nd.gov/MF ndsrf@nd.gov

### **CWSRF** Contact Info





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 Environmental Quality
 Public Finance Authority

# deq.nd.gov/MF ndsrf@nd.gov

### ND Public Finance Authority Contact Info





pfa.nd.gov ndpfa@nd.gov

### Questions?

