State Water Facilities Plan Applicants					
	Projected State				
Project Sponsor	Description	Funding (\$)	Recommendation		
Belle Fourche	Landfill Cell #3 Construction	\$2,836,000	Place on Facilities Plan		
Belle Fourche	Springs Waterline Replacement	\$5,123,000	Place on Facilities Plan		
Brookings-Deuel Rural Water System	Highway 15 Altamont Pipeline Improvements	\$6,000,000	Place on Facilities Plan		
Bryant	Wastewater Improvements Phase 2B	\$2,259,000	Place on Facilities Plan		
Bryant	Drinking Water Improvements Phase 2B	\$2,643,000	Place on Facilities Plan		
Canistota	Sanitary and Storm Sewer Replacement Phase 4	\$6,306,200	Place on Facilities Plan		
Canistota	Drinking Water Replacement Phase 4	\$7,184,190	Place on Facilities Plan		
Clear Lake	Storm Sewer Collection Improvements Phase 1B	\$2,130,400	Place on Facilities Plan		
Clear Lake	Drinking Water Distribution Improvements Phase 1B	\$2,696,900	Place on Facilities Plan		
Crooks	Sanitary and Storm Sewer Replacement Phase 2	\$3,030,000	Place on Facilities Plan		
Crooks	Drinking Water Replacement Phase 2	\$2,090,000	Place on Facilities Plan		
Custer	5th Street Sanitary Sewer Improvements	\$2,650,000	Place on Facilities Plan		
Gregory	Water and Wastewater Improvements Phase 2	\$4,983,376	Place on Facilities Plan		
Hecla	Drinking Water Distribution Improvements	\$135,728	Place on Facilities Plan		
Hot Springs	Wastewater Treatment System Improvements	\$27,241,000	Place on Facilities Plan		
Hot Springs	Water System Improvements	\$16,350,000	Place on Facilities Plan		
Howard	Wastewater Treatment Facility Improvements	\$2,648,192	Place on Facilities Plan		

State Water Facilities Plan Applicants					
		Projected State			
Project Sponsor	Description	Funding (\$)	Recommendation		
James River Water Development District	South Central Implementation Project Segment 3	\$1,000,000	Place on Facilities Plan		
Lake Poinsett Sanitary District	West & Northwest Area Wastewater Collection and Treatment Installation	\$15,181,990	Place on Facilities Plan		
Lemmon	Sanitary Sewer Improvements Phase 2	\$4,700,000	Place on Facilities Plan		
Milbank	Wastewater Treatment Facility Improvements Phase 1	\$17,500,000	Place on Facilities Plan		
Milbank	Drinking Water Treatment Improvements	\$39,000,000	Place on Facilities Plan		
Mission Hill	Water System Improvements	\$1,925,000	Place on Facilities Plan		
Mitchell	13th Avenue Sanitary and Storm Sewer Replacement	\$1,560,000	Place on Facilities Plan		
Northdale Sanitary District	Sanitary Sewer Re-Route Hideaway Hills Subdivision	\$1,181,000	Place on Facilities Plan		
Prairiewood Sanitary District	Wastewater Collection and Treatment Improvements	\$1,895,000	Place on Facilities Plan		
Pukwana	Sanitary and Storm Sewer Expansion for Westside Development	\$4,363,000	Place on Facilities Plan		
Roscoe	Wastewater Treatment System Improvements	\$2,260,000	Place on Facilities Plan		
Salem	Citywide Sanitary Sewer Relining and Lift Station Rehabilitation	\$1,620,000	Place on Facilities Plan		
Salem	Water Meter Replacement	\$860,000	Place on Facilities Plan		
Valley Springs	Sanitary and Storm Sewer Replacement	\$2,417,400	Place on Facilities Plan		
Valley Springs	Drinking Water Replacement	\$1,261,600	Place on Facilities Plan		

State Water Facilities Plan Applicants					
Project Sponsor	Description	Projected State Funding (\$)	Recommendation		
Vermillion	Landfill Cell #7 Construction and Cell #2-4 Partial Closure	\$2,620,000	Place on Facilities Plan		
Viborg	Wastewater Collection and Treatment Improvements	\$8,072,000	Place on Facilities Plan		
Viborg	Watermain Improvements	\$2,707,000	Place on Facilities Plan		
WEB Water Development Association	Wecota Drinking Water Improvements and Consolidation	\$363,000	Place on Facilities Plan		
Wilmot	Wastewater Outfall Line Replacement	\$850,000	Place on Facilities Plan		



Dakota Mainstem Regional Water System SWRMS Funding Request – FY 2026



SWRMS FUNDING REQUEST MEETING AGENDA

- Introductions
- Dakota Mainstem Overview
- Partnerships
- Federal Process
- Appraisal Study Update
- Collaboration
- Next Steps
- Thank You



A FOUR-STATE REGIONAL EFFORT

Mission: Plan and construct a Regional Water Supply System



39 SD 11 IA 6 MN 1 NE (Tribal)

Regional partnership among Rural Systems, Cities, and Tribes





South Dakota Minnesota Brandon Luverne Brookings Pipestone Colton Worthington Crooks Dell Rapids lowa Huron Hull Hartford Orange City Harrisburg Sanborn Humboldt Sheldon Lennox Sibley Madison Sioux Center Milbank Rock Rapids Mitchell Parker Salem Sioux Falls Tea Valley Springs Vermillion

Watertown

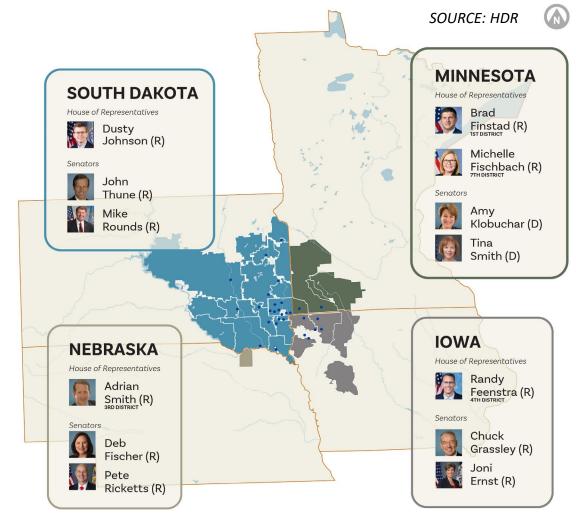
SOURCE: HDR

Yankton

Grant-Roberts **MINNESOTA** Clark Sioux Lincoln Pipestone Brooking -Deuel Mid-Dakota Kingbrook Red Rock Big Sioux 0 Rock Davison Minnehaha County 0 Aurora-Brule Hanson Lyon & Osceola County **SOUTH DAKOTA** Iowa Randall 0 Lincoln Lakes B-Y Clay Lewis IOWA Santee Sioux **NEBRASKA** Tribe West Central

BUILDING REGIONAL PARTNERSHIPS

- Iowa & Minnesota participation pending
- **1** 1−2 years of legislative outreach expected
- **▶** \$1.3M remaining (FY 2025)
- Request: \$750,000 to transition to Feasibility Phase





FEDERAL REGIONAL WATER SYSTEM PROCESS





2022

System Inception

Dakota Mainstem was founded by 29 members in South Dakota in 2023. By 2024, there were over 50 members from four different states involved in Dakota Mainstem.



2024-2025

feasibility study.

Appraisal Study

The appraisal study uses existing data to assess water supply problems and needs. As the first step in the Bureau of Reclamation's planning process, it provides an initial estimate of water demand, needed system capacity, and a list of preliminary project alternatives. The results help Reclamation decide whether to advance to a full-scale



2025+*

Congressional Authorization

Dakota Mainstem will request authorization of Bureau of Reclamation participation in the appraisal and feasibility studies. The addition of Minnesota and Iowa as states involved with Dakota Mainstem will also be requested. Future authorizations for construction and funding efforts will take place as part of the congressional authorization plan.



2026-2027*

Feasibility Study

This study collects primary data to analyze the technical and economic feasibility of a preferred project concept and reasonable alternatives to it. This phase of planning includes preliminary design, environmental impact studies, cost estimation, project scheduling, and economic analyses. It provides the foundation for Congressional authorization and funding.



2027+*

Project Development

This phase will complete the details of Dakota Mainstem's water supply solution. It includes the final design of facilities and conveyance infrastructure, state and federal environmental reviews, right-of-way and easement planning and acquisition, and the establishment of any interorganizational agreements related to infrastructure construction or use.

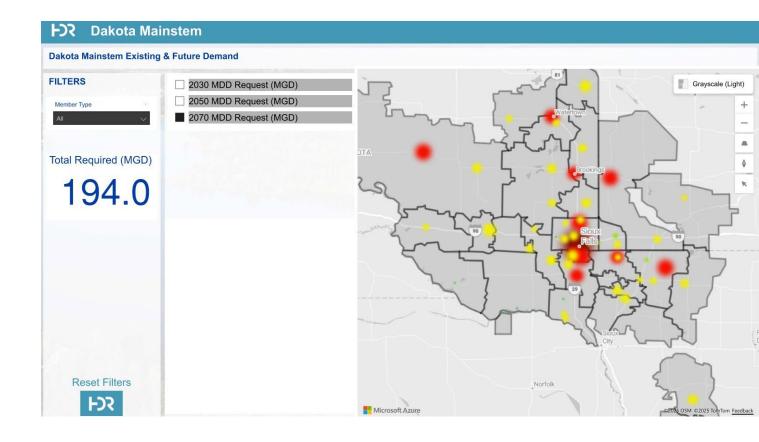


SOURCE: HDR

^{*}Expected start/end dates - exact timing likely to change as more information becomes available

APPRAISAL STUDY: NEAR COMPLETION

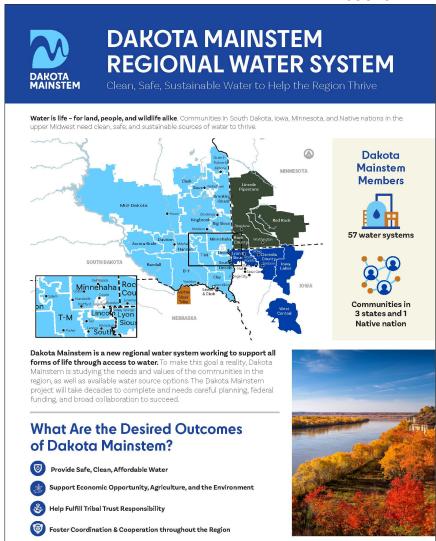
- Led by HDR Engineering
- Draft due mid-Nov 2025
- Membership Needs:
 - 2030 → 7 MGD
 - 2050 → 35 MGD
 - 2070 → 194 MGD





COLLABORATION AND INCLUSION

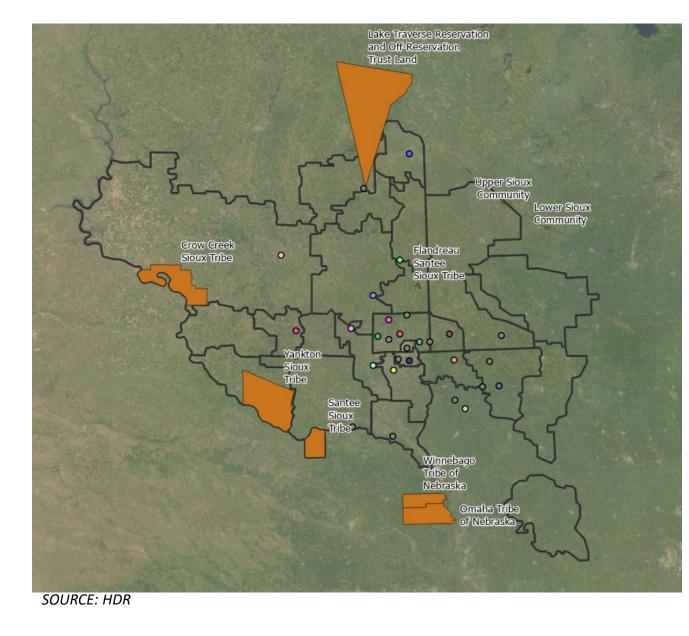
- Outreach to eight additional tribal nations
- Shared water challenges and opportunities
- Built on cooperation and respect





TRIBAL OUTREACH EFFORTS

- Identified 8 Tribal Nations
 - Crow Creek Sioux Tribe
 - Flandreau Santee Sioux Tribe
 - Yankton Sioux Tribe
 - Sisseton Wahpeton Nation
 - Upper Sioux Community
 - Lower Sioux Community
 - Winnebago Tribe of Nebraska
 - o Omaha Tribe of Nebraska





PREPARING FOR THE NEXT PHASE







COST: \$4-6 MILLION | DURATION: 24 MONTHS



FEDERAL BUREAU OF RECLAMATION COST SHARE UP TO 50%



PHASED APPROACH ENSURES ACCOUNTABILITY



INVESTING IN SOUTH DAKOTA'S WATER FUTURE

- ✓ Supports resilience, economic growth, and cooperation
- ✓ Keeps South Dakota a leader in regional water development





THANK YOU FOR YOUR CONTINUED SUPPORT







SWRMS FUNDING REQUEST: \$750,000

TO COMPLETE THE APPRAISAL STUDY AND BEGIN THE FEASIBILITY STUDY

RELIABLE, HIGH-QUALITY
WATER FOR FUTURE
GENERATIONS





THANK YOU!

We are happy to answer questions.





WETLAND SCREENING TOOL

November 6, 2025 Pierre, South Dakota



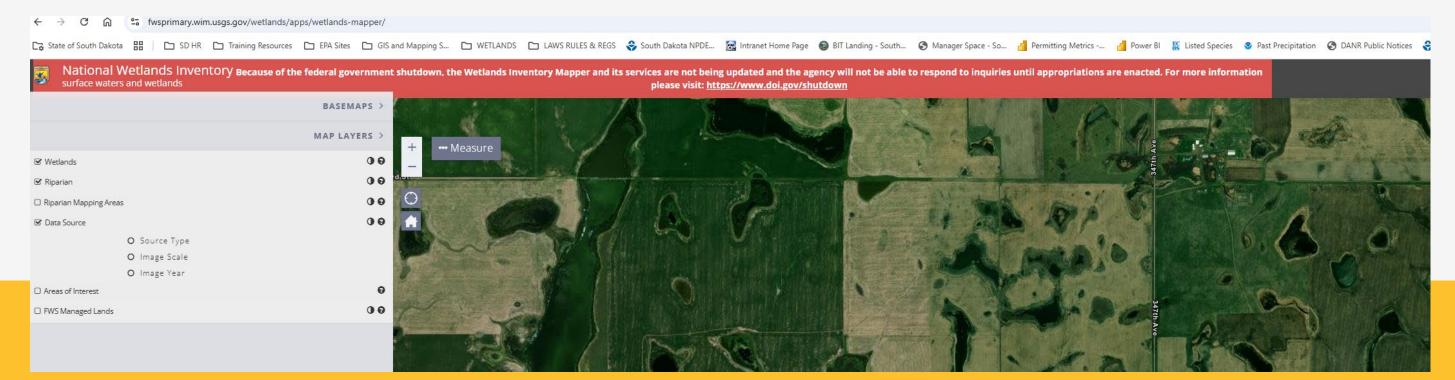
What is it?

- 1. A web map of a predictive model showing the location of all wetlands throughout all of South Dakota.
- 2. Auseful information source for;
 - 1. Local, state, and federal regulators
 - 2. Developers
 - 3. Consultants
 - 4. General public
 - 5. Wetland mitigation bankers



Why is this tool needed?

- 1. Streamline implementation of state wetland permitting program.
- 2. Minimize confusion and frustration felt by the regulated public.
- 3. Replace an outdated and inaccurate federal tool.
- 4. Establish control of access to this tool (see screenshot below).
- 5. Encourage wetland mitigation banking.





What will it look like?

Current NWIvs TN product?







Timeline to Completion?

- June 2025 to Present: Research current technology and feasibility of project
- Spring 2026: Issue RFP (pending availability of funding)
- Late Spring/Summer 2026: Review RFP, select contractor, execute contract
- Summer 2026 through Spring 2027: Screening tool development, testing, refinement
 - (includes additional stakeholder engagement, testing and training)
 - Beta testing goal Fall 2026
- Summer 2027: go live with screening tool

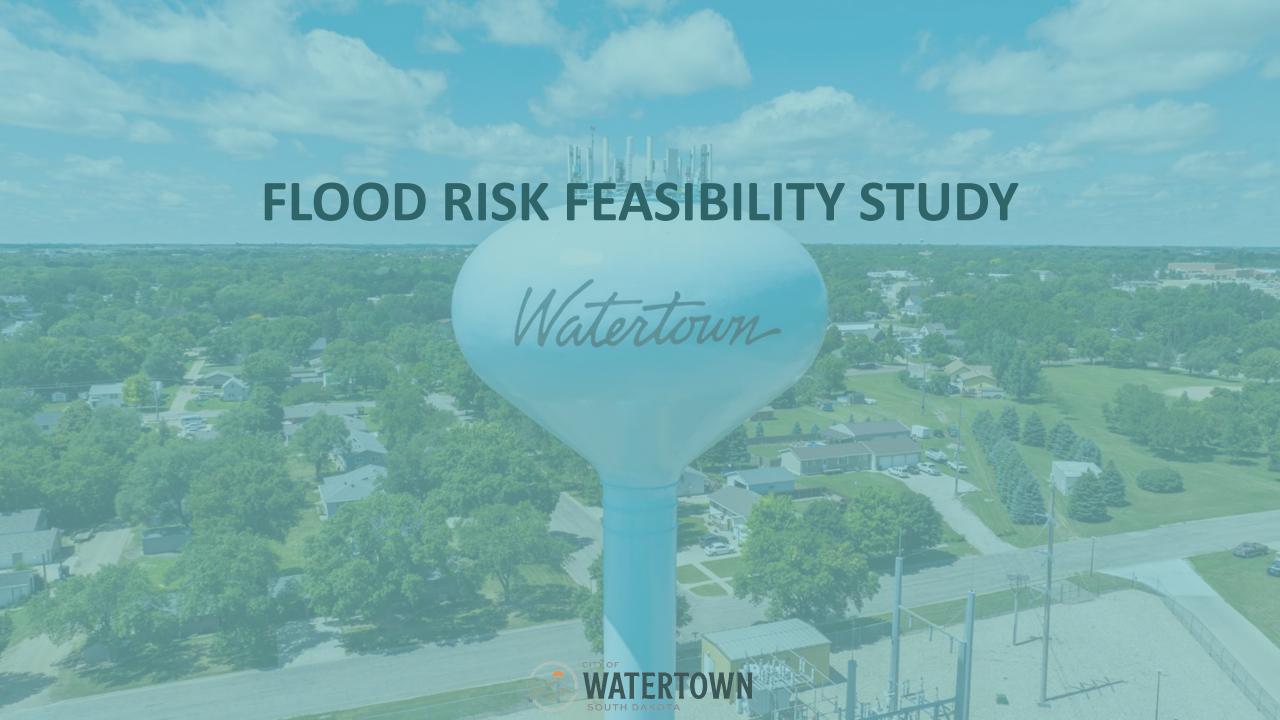
THANK YOU

Aaron Ward

605.773.3351

aaron.ward@state.sd.us





History of Studies for Watertown, SD

- > 1972: USACE completed a Sec. 205 Flood Control Study for Watertown.
- > 1977: USACE screened multiple alternatives to reduce flood damages at Lake Kampeska and Watertown.
- ➤ 1987: USACE compiled a reconnaissance-level report on flood control for Watertown and the vicinity along the Big Sioux River.
- > 1989: FEMA investigated the existence and severity of flood hazards in Watertown and aids in the administration of National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973.
- > 1994: USACE conducted a Feasibility Study on flood control for Watertown and vicinity in SD.
- > 1997: Watertown experienced major flooding event
- **2000:** USACE conducted a General Reevaluation Report



History of Studies for Watertown, SD

- ➤ 2001: Watertown experiences major flood event
- ➤ 2005: USACE evaluates optimal Mahoney Creek Dam control method
- **2011:** City of Watertown deploys Emergency Protective Measures
- 2012: USACE completed a Value Engineering (VE) study and Economic Optimization Study
- > 2015: USACE starts Project Management Plan for Feasibility Report Update & Environmental Assessment (FS/EA)
- > 2016: DENR commits funding to Watertown
- ➤ **2019:** RESPEC studied 100 year & 500 year flood events in Watertown. Determines Mahoney Creek Dam to reduce peak flows as much as 95%.
- ➤ March 2019: Watertown experiences major flood event. City of Watertown contacts State representatives to push for funding.



History

- Reoccurring flood risks to property and infrastructure
 - Sewer/lift station, utilities, roads/bridges, rail spurs
 - Impacts to WWTF and risk of releasing untreated water to river and lakes
- Frequency of flood preparation and flood fight efforts





Feasibility Study Cost

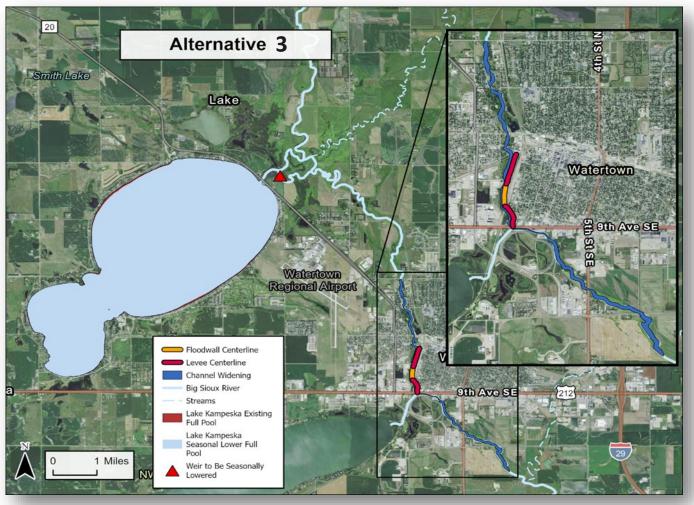
- ➤ The original cost estimate by USCOE was \$1.8 million.
- ➤ New cost estimate is \$2.65 million.
 - > The new local share is \$1.25 million (+\$350,000)
 - > SD DANR has provided \$450,000 from previous SWRMS Grant Funding.
 - ➤ City of Watertown is requesting \$175,000 additional funding for a total of \$625,000.



Tentatively Selected Plan- Alternative 3

Main Points

- Construction of a levy on the left bank with a partial floodwall
- Widen the channel of the Big Sioux River





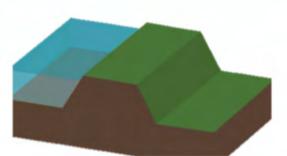
Levee & Floodwall

Floodwall Cross-Section

LEVEE DETAILS

Approx. 4,435 ft long (0.84 mile)

Start near West Kemp Ave. and extend south where it would tie off just north of US-212.



- Alignment will generally follow existing flood fight measures in order to minimize disturbance
- On average, the embankment would be 2-4 ft tall with a 12 foot wide gravel surface

FLOODWALL DETAILS

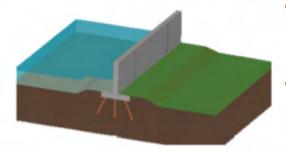
1,287 feet long

x

two feet high

x

one foot wide.



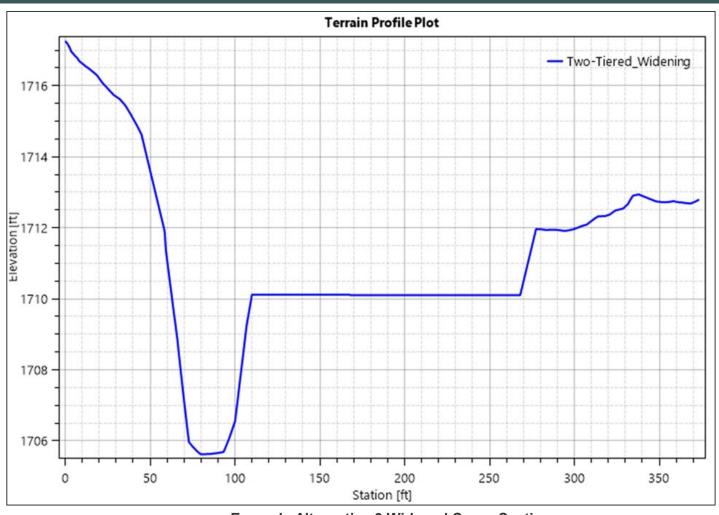
- The wall will be cast in place reinforced concrete T shape wall
- The foundation of the wall will extend 4.5 feet below grade for protection from heave.
- All six storm sewer crossings on the left bank are planned to be replaced with a 36-inch pipe and a gatewell



Channel Widening

Channel Widening Details

- ➤ Channel widening consists of a two-tiered widening approach.
- ➤ The channel is assumed to start being widened approximately 3-3.5 feet above the existing channel invert. This frequency corresponds to approximately the 1.25 year return interval.
- Allow low flows to be unaffected by the widening allowing sediment transport to remain mostly consistent with existing conditions until higher flood events occur.
- ➤ Maintain the current fish passage through the Big Sioux River.





Example Alternative 3 Widened Cross-Section





ABOUT THE PROJECT

Water Investment in Northern South Dakota (WINS) is a water supply project that will provide a reliable water source to rural water providers and communities in northern South Dakota. Project benefits include economic and community growth to help diversify and bolster the State's economy, drought mitigation, and increased public health and safety through the delivery of clean, reliable water.

KEY PROJECT BENEFITS

Drought Mitigation

Community Growth

Public Health & Safety

WATER

NVESTMENT IN

SOUTH DAKOTA

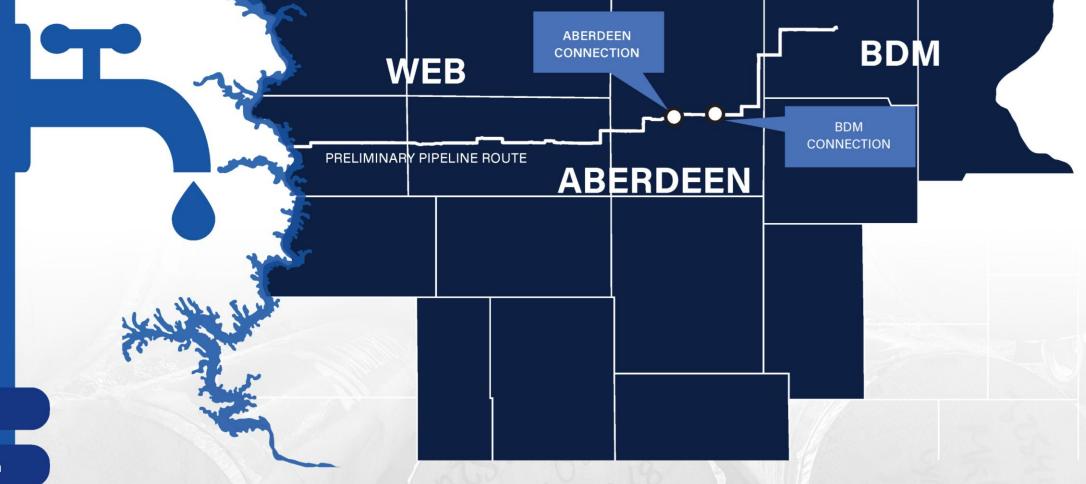
NORTHERN

Economic Development

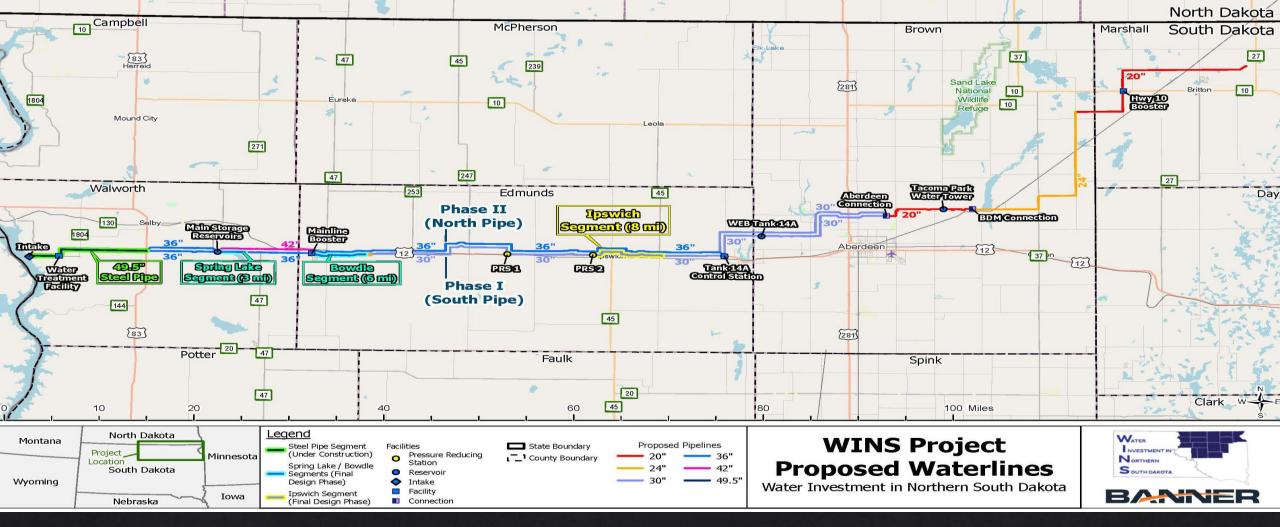












WINS Project Proposed Ultimate Design





Water Treatment Plant Expansion from 11 MGD to 17 MGD - Substantially Complete

13.9 miles of 49.5" parallel pipe from
Intake at the Missouri River to the
intersection of Highway 83 and Highway 12
south of Selby - Substantially Complete

Mainline Pipe- Segment 2A
8.6 miles of 36" pipe under construction

— Scheduled to be complete December 2026

Mainline Pipe- Segment 2B 9 miles of 30" pipe — Designed -ready to bid



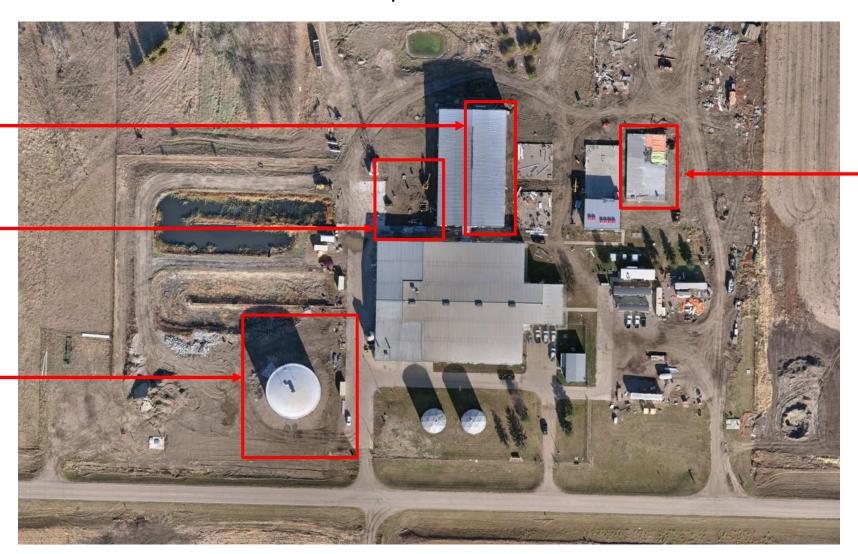
Water Treatment Plant Expansion

Water Treatment Plant Expansion from 11 MGD to 17 MGD

new treatment plant building

500,000 gallon wash water recovery basin

1.5-million-gallo n raw water regulation tank



500,000 gallon Clearwell

Water Treatment Plant Expansion



Water Treatment Plant Expansion from 11 MGD to 17 MGD - Substantially Complete

13.9 miles of 49.5" parallel pipe from Intake at the Missouri River to the intersection of Highway 83 and Highway 12 south of Selby - Substantially Complete

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Mainline Parallel Project – WINS Project



Mainline Parallel Project – WINS Project



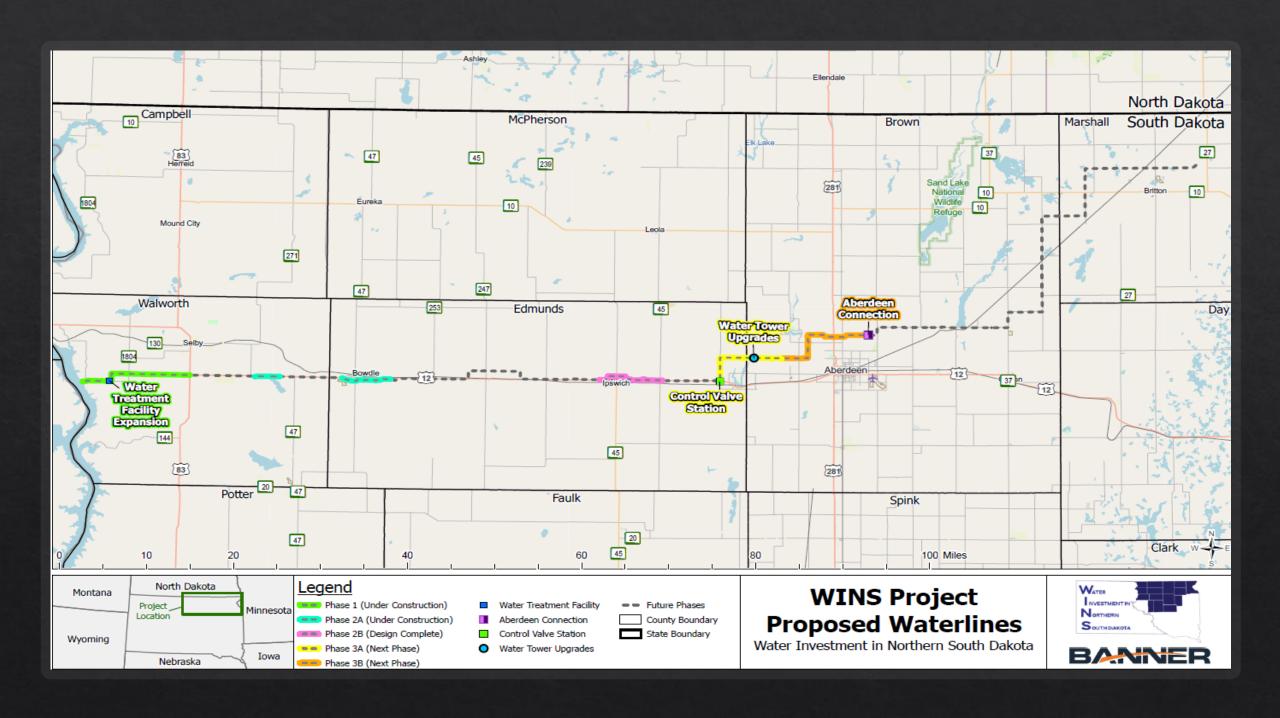
Water Treatment Plant Expansion from 11 MGD to 17 MGD - Substantially Complete

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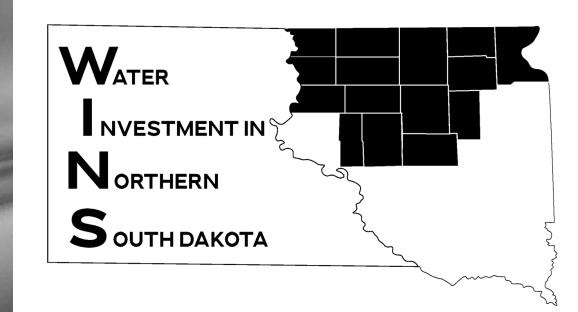






THANK YOU

Questions ??

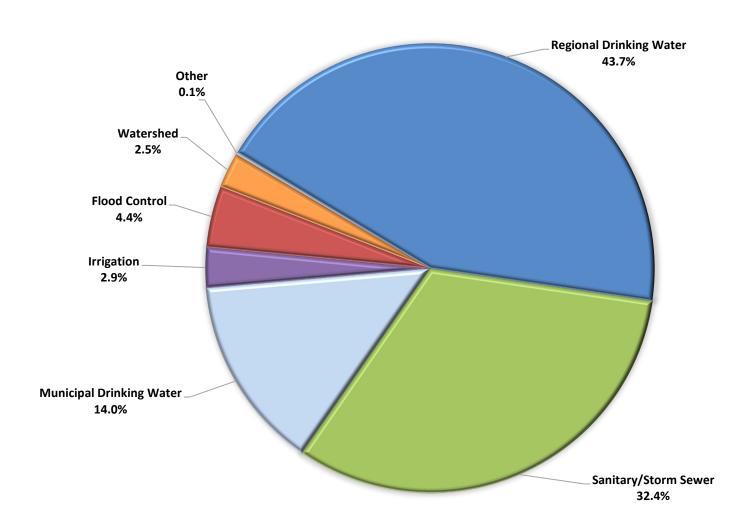


2026 Omnibus Bill Funding Recommendations

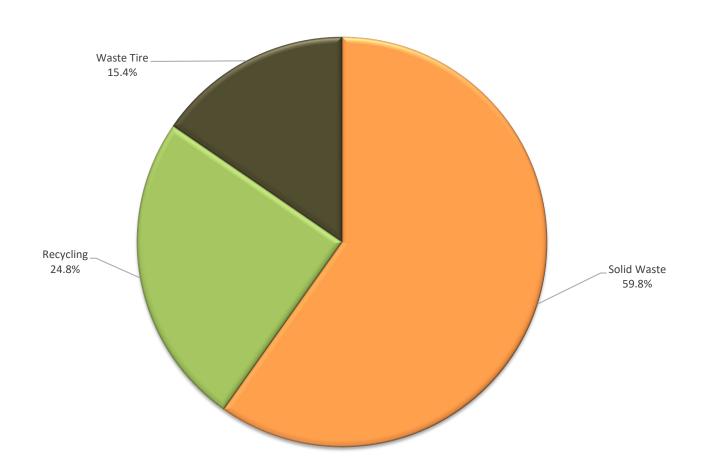
Board of Water & Natural Resources

November 06, 2025

Dedicated Water Funding \$344.4 Million 1993-2025



Dedicated Solid Waste Fees \$70.2 Million 1993-2025



2026 OMNIBUS BILL

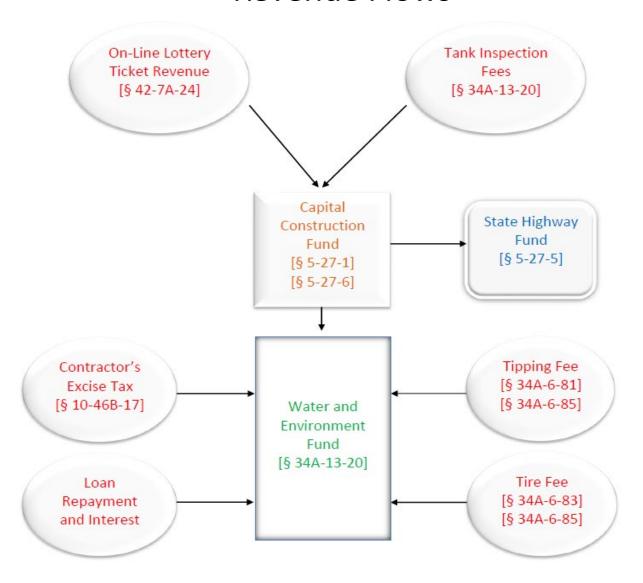
Authorizes **Special Appropriations** for State Fiscal Year 2027

Available for four fiscal years (i.e., through 30-Jun-2030)

Based on actual revenues received through 30-Jun-2025

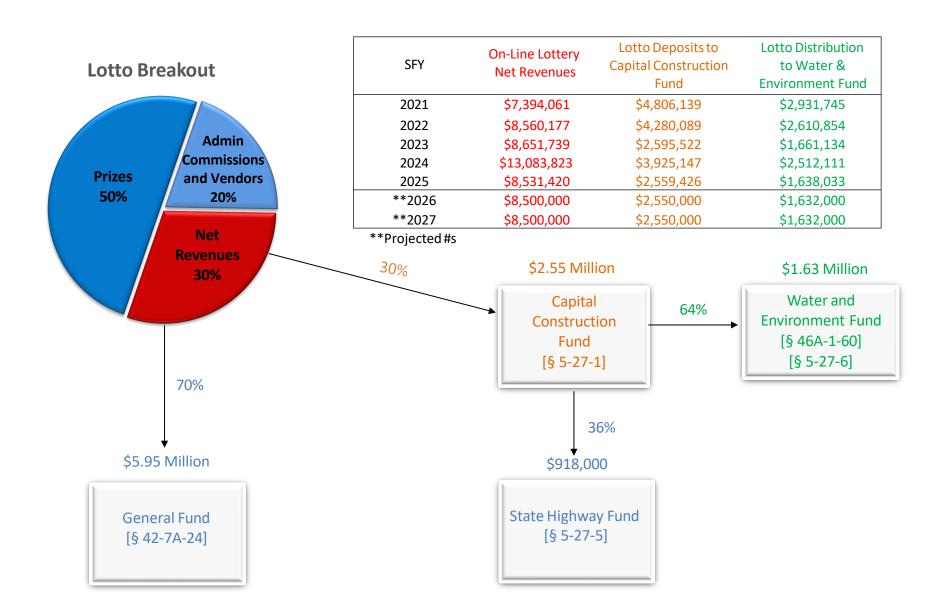
Revenue projections for SFY 2026 and 2027 used to estimate available funds

Revenue Flows



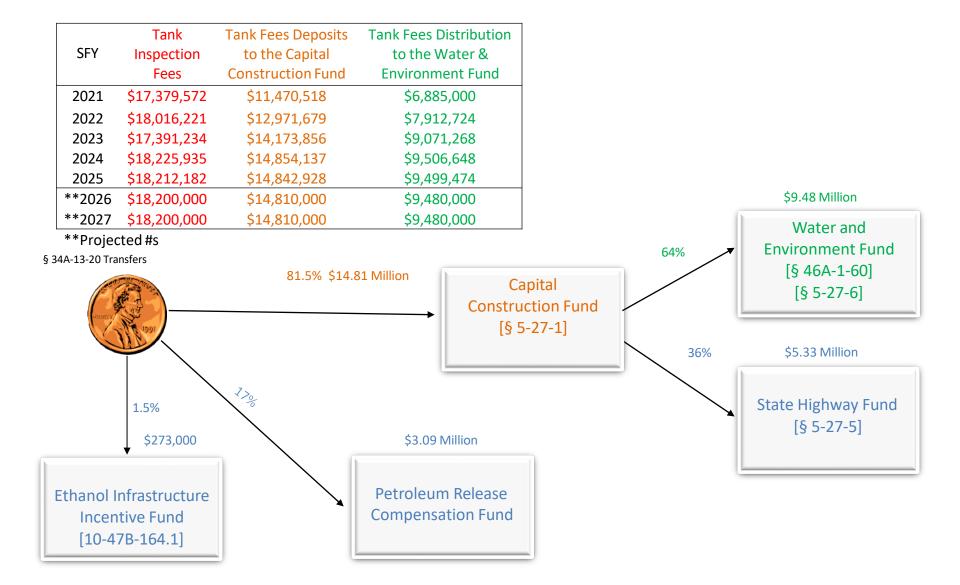
Projected SFY 2027 South Dakota Lotto Distribution

(SFY 2027 Percentages)

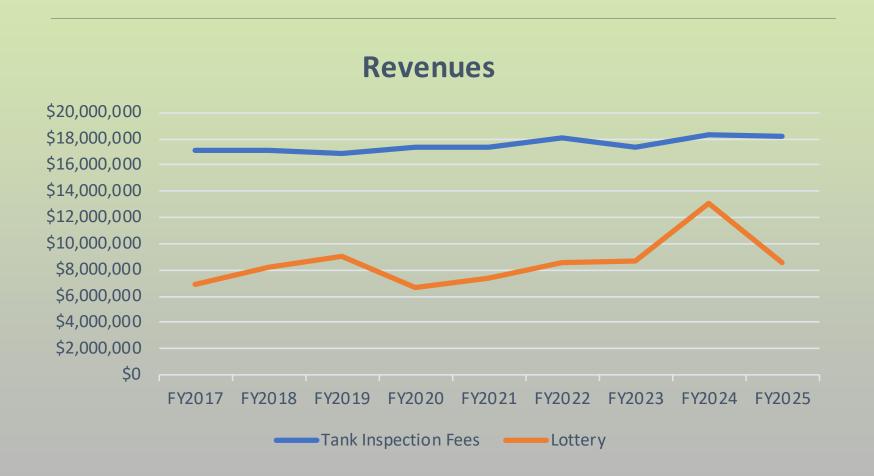


Projected SFY 2027 Petroleum Release Compensation and Tank Inspection Fee Distribution

(\$20 per 1,000 gallons or \$0.02 per gallon) (SFY 2027 Percentages)



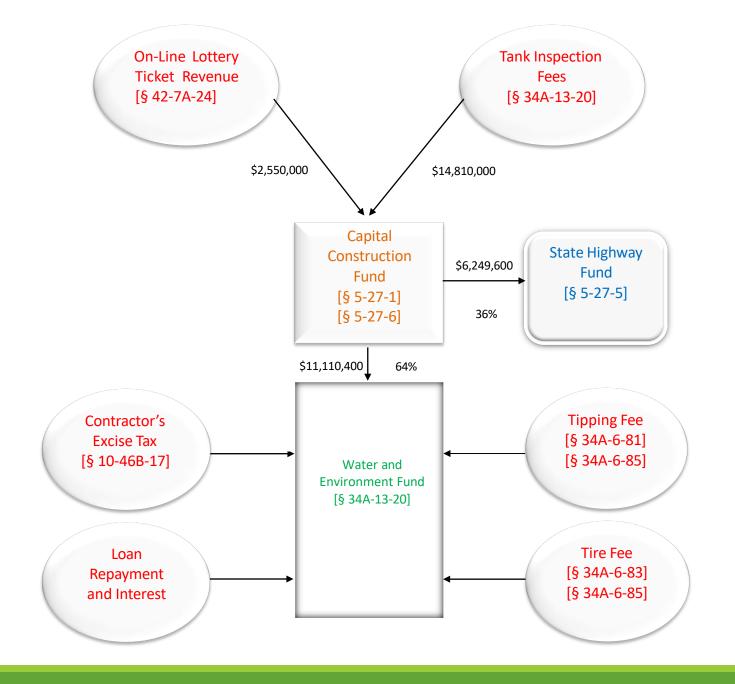
Tank Fees and Lottery Revenue History



WEF Deposit History

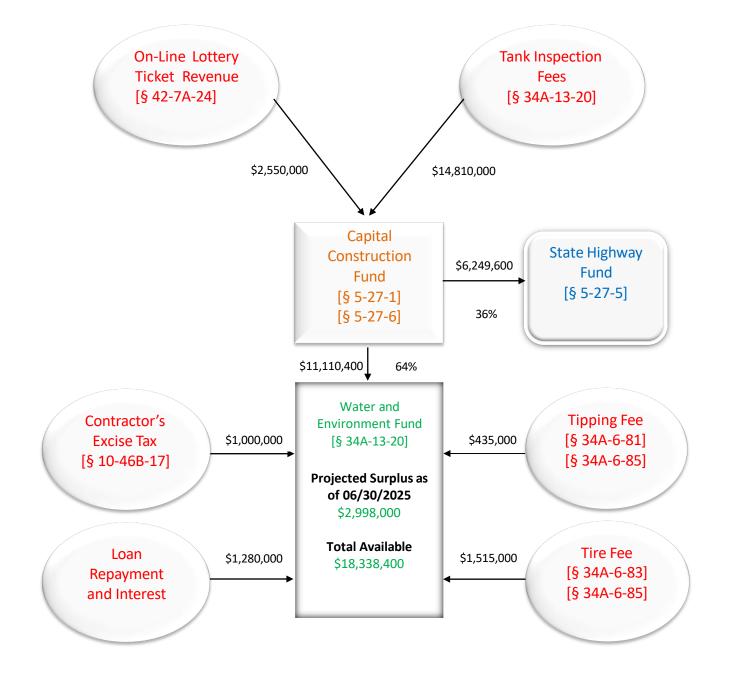
Transfers Into WEF Since 2018 SB183





Available Funding for 2026 Omnibus Bill

WATER & ENVIRONMENT FUND	Solid Waste	Water	Total
Projected Surplus/(Shortfall) for Preparation of 2026 Omnibus Bill	\$686,000	\$2,312,000	\$2,998,000
PROJECTED SFY 2027 DEPOSITS			
CCF Transfers		\$11,110,400	\$11,110,400
Contractor's Excise Tax		\$1,000,000	\$1,000,000
Loan Repayments & Interest	\$790,000	\$490,000	\$1,280,000
Solid Waste Fees	\$1,950,000		\$1,950,000
TOTALS	\$3,426,000	\$14,912,400	\$18,338,400



SWRMS Dakota Mainstem Regional Water Study

- Dakota Mainstem Regional Water System is a collaboration of fifty-seven public water systems, including regional and municipal public water systems in the central and southern portions of eastern South Dakota, southwestern Minnesota, northwestern Iowa, and northern Nebraska.
- •The purpose of this project is to address any potential regional water needs. The immediate project goals are to engage consultants and engineering teams to perform necessary studies including data gathering from public water systems in the area, culminating in a comprehensive needs assessment. The assessment will form the foundation for initial system capacity, treatment, and distribution network requirements.
- Since 2024, the board awarded a \$2,000,000 SWRMS grant towards this project.
- Staff is recommending a \$750,000 Water and Environment Fund grant appropriation to assist in completion of the comprehensive needs assessment.

SWRMS DANR- Hydrology and Water Management Studies

- •Wetlands are an essential feature of the South Dakota landscape. Wetlands filter out pollutants, provide habitat for a wide range of game and non-game species, improve water quality, and reduce flooding by storing excess water during storms. South Dakota currently lacks a high-resolution map showing where wetlands are located.
- •DANR is proposing the development of a comprehensive wetland mapping and screening tool. This will provide the regulated community and public easily accessible and accurate wetlands maps. The mapping tool will allow for the state to improve wetland protection, help with conservation and restoration efforts, and provide data useful for flow attenuation planning.
- Staff is recommending a \$500,000 Water and Environment Fund grant appropriation to assist in the development of a comprehensive wetland mapping and screening tool.

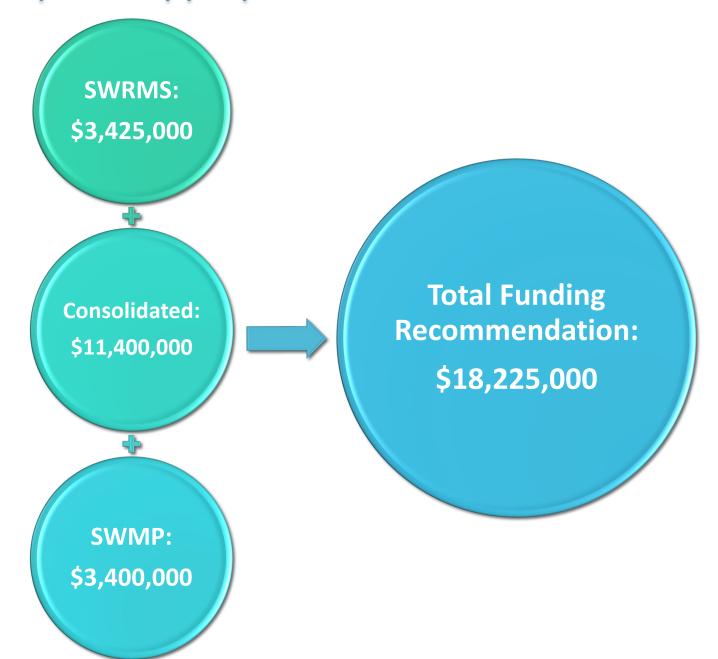
SWRMS Watertown-Big Sioux Flood Control Study

- In 2022, the city of Watertown and the United States Army Corp of Engineers (USACE) agreed to perform Flood Control Feasibility Study. The general scope of the study includes all investigations and analysis required to prepare an integrated Feasibility Study/Environmental Assessment, including alternatives and identifying the national economic development plan and any other reasonable alternatives, and recommending a plan. USACE estimated the cost to be \$1.8 million with a local share of \$900,000. The board has awarded grant funding of \$450,000 to cover 50% of the local share.
- In August 2024, the USACE estimated the project cost increased by \$850,000 to \$2.65 million. The total local share increased by \$350,000 to \$1.25 million. The increase was due to review of several additional alternatives and added risk assessment requirements for those alternatives.
- Staff is recommending an additional \$175,000 Water and Environment Fund grant appropriation to assist with the local cost share of the Flood Control Feasibility Study.

SWRMS Water Investment in Northern South Dakota (WINS)

- Joint project between the City of Aberdeen, BDM Rural Water System, and WEB Water Development Association to provide over 38.1 million gallons of water per day throughout northeast South Dakota to meet current user needs and provide for future growth.
- Total anticipated project amount in 2022 dollars is \$755,860,000
- The project sponsors plan to seek federal funding appropriations for portions of the project.
- Since 2022, the board has awarded over \$61 million in grants towards the project. These funds were provided to WEB for initial phases of the work necessary for the total project.
- Drinking Water SRF loans remain available for the project sponsors to apply for and receive to continue project construction.
- Staff is recommending an additional \$2,000,000 Water and Environment Fund grant appropriation to assist in completion of this project.

WEF Special Appropriations



WEF Subfunds

SDCL 46A-1-60.1 established Clean Water SRF program and Drinking Water SRF program subfunds within the Water & Environment Fund.

- •Intended Use Plan allocates funds for purposes authorized by the federal acts.
- Omnibus Bill provides budget authority for expenditure of these funds to include DW and CW SRF set-asides.

Special appropriations that vary annually. Budget authority addressed through the Omnibus Bill rather through DANR's annual operating budget.

Clean Water SRF Set-Asides/ Surcharge Fees

FFY 2026 Intended Use Plan -\$650,000

Administrative Surcharge Fees

- Clean Water SRF Water Quality Grants
 - \$200,000 SFY 2026 Expenditure Authority
 - To supplement the Section 319 program assistance for watershed projects
- Application and Project administration assistance
 - \$400,000 SFY 2026 Expenditure Authority
 - Clean Water SRF Application and Administration Technical Assistance from Planning Districts

Small System Technical Assistance Set-Aside

- Clean Water Technical Assistance
 - \$50,000 Expenditure Authority
 - Small Community Planning Grants
 - Small System Capacity Assistance contract

Drinking Water SRF Set-Asides/ Surcharge Fees

FFY 2026 Intended Use Plan -\$650,000

- Administrative Surcharge Fees
 - Application and Project administration assistance
 - \$400,000 SFY 2026 Expenditure Authority
 - Drinking Water SRF Application and Administration
 Technical Assistance from Planning Districts
- Small System Technical Assistance Set-Aside
 - Drinking Water Water Technical Assistance
 - \$250,000 SFY 2026 Expenditure Authority
 - Small Community Planning Grants
 - Small System Technical Assistance Contract
 - Local Assistance for Drinking Water Capacity Assessments

2026 Omnibus Bill Funding Appropriations

	Solid Waste	Water
State Water Resources Management System		
Dakota Mainstem Regional Water Study		\$750,000
DANR - Hydrology and Water Management Studies		\$500,000
Watertown - Big Sioux Flood Control Study		\$1 <i>75,</i> 000
Water Investment in Northern South Dakota Project		\$2,000,000
Consolidated Program		\$11,400,000
Solid Waste Management Program	\$ 3,400,000	
TOTAL WEF APPROPRIATIONS	\$ 3,400,000	\$14,825,000
State Revolving Fund (SRF) Administrative Surcharge Fees		
Clean Water SRF Water Quality Grants		\$200,000
Clean Water SRF Application and Administration		\$400,000
Drinking Water SRF Application and Administration		\$400,000
Federal Funds		
Drinking Water Local & Technical Assistance		\$250,000
Clean Water Technical Assistance		\$50,000
TOTAL OMNIBUS BILL APPROPRIATIONS		\$19,525,000