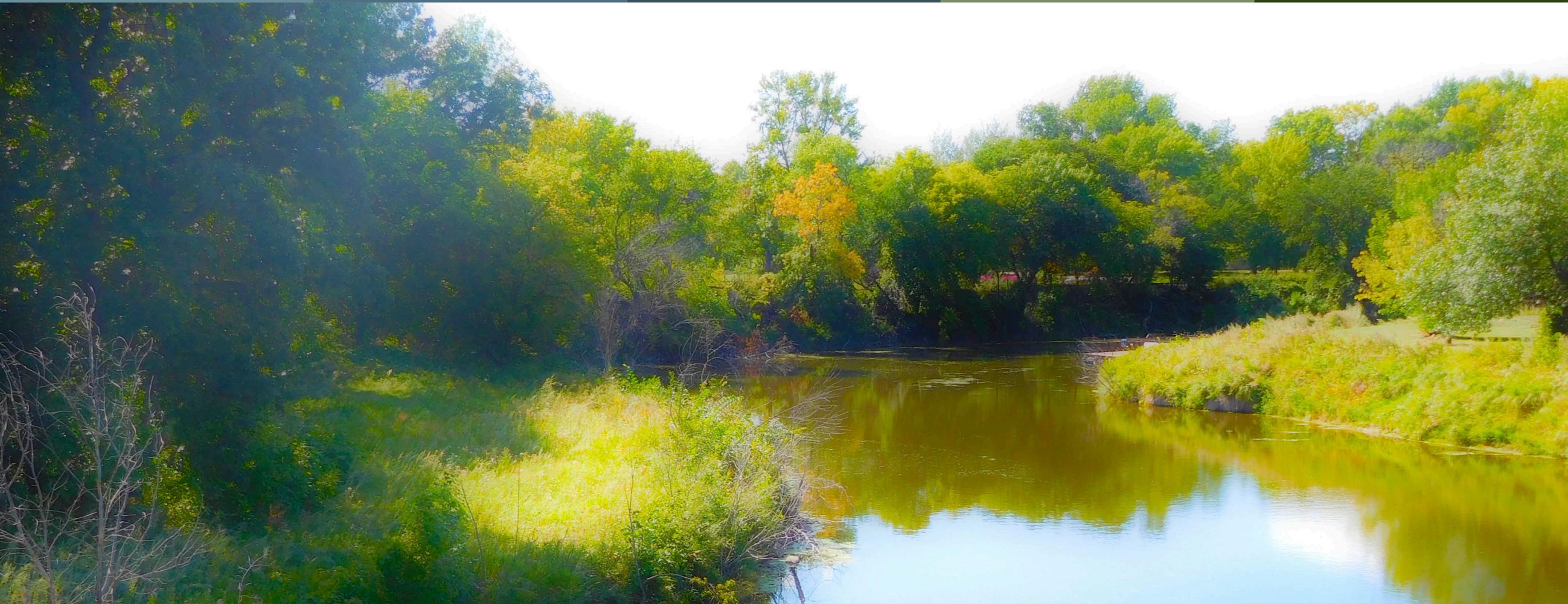


ND STATE WATER COMMISSION & LEGISLATIVE WATER TOPICS OVERVIEW COMMITTEE



JOINT MEETING



SWC RURAL FLOOD CONTROL COST-SHARE POLICY

1

Rural Flood Control Projects Are Intended To Improve The Drainage & Management Of Runoff From Agricultural Sources

2

45% Of Eligible Costs

3

Public Road Crossings Potentially Eligible Per NDCC 61-21-31 & 61-21-32

4

Applications Processed After Assessment Votes Have Passed

5

Pre-Application Is Allowed

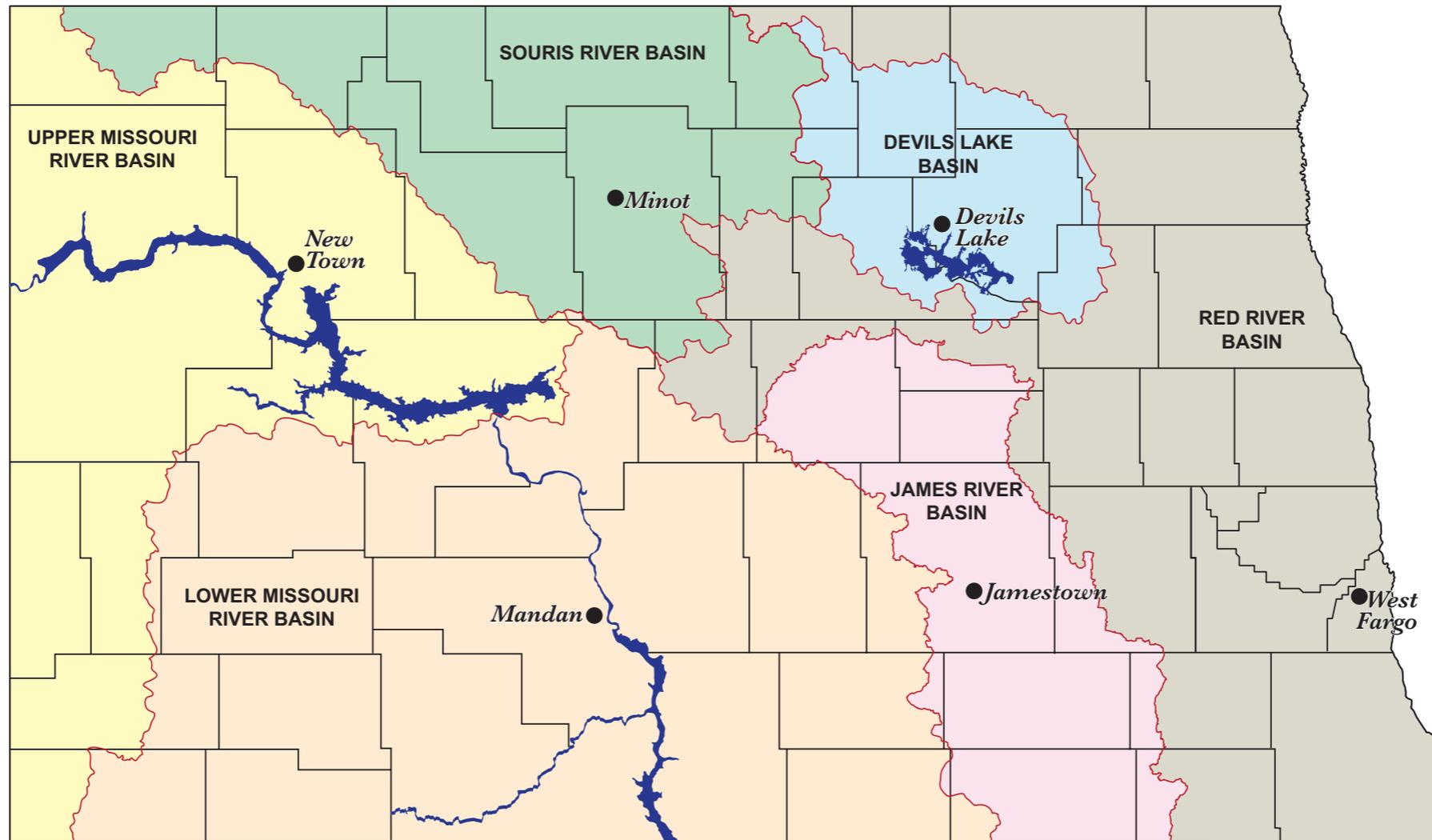
2015-2017 RURAL FLOOD CONTROL APPROVALS	SWC COST-SHARE
Griggs County WRD Thompson Bridge Outlet No. 4	\$621,661
Maple River WRD Upper Swan Creek Channel Imp	\$171,763
Yorktown-Maple Drainage Improvement	\$444,062
Richland County Drain #2 Reconstruction	\$535,500
Traill County - Buxton Twp Improvement Dist. #68	\$512,090
Cass County - Lake Bertha Flood Control #75	\$201,350
Richland County Drain #31 Improvements	\$161,852
Richland County Drain #5 Reconstruction	\$531,000
North Cass Drain #23 Improvements	\$137,181
Cass County Drain #15 Improvements	\$296,562
Cass County Drain #37 Improvements	\$230,326
Cass County Drain #39 Improvements	\$221,871
Southeast Cass - Sheyenne-Maple Flood Control Dist #1	\$198,023
Bottineau County WRD - Tacoma Bitz Drain	\$312,105
Sargent County Drain #7 Improvements	\$202,663
Traill County Drain #64 Improvement	\$116,558
Maple River WRD - Lynchburg Channel Improvements	\$1,195,126
Steele County WRD - Drain #8 Improvements	\$411,773
TOTAL APPROVED TO DATE	\$6,501,466

HB 1206 (2013) – NDCC 61-02-01.3

Comprehensive Water Development Plan

“Biennially, the commission shall develop and maintain a comprehensive water development plan organized on a river basin perspective, including an inventory of future water projects for budgeting and planning purposes. As part of the commission's planning process, in order to facilitate local project sponsor participation and project prioritization and to assist in project cost-benefit analysis for projects expected to cost more than five hundred thousand dollars, the commission shall develop a policy that outlines procedures for commissioner-hosted meetings within the Red River, James River, Mouse River, upper Missouri River, lower Missouri River, and Devils Lake drainage basins.”

COMMISSIONER-HOSTED MEETINGS



Presented Cost-Share & Prioritization Policy Overviews

Presented 2017-2019 Project Inventory

Provided An Opportunity For Sponsors To Present Projects Or Management Challenges



BENEFIT-COST CONSIDERATIONS PER NDCC 61-02-01.3

- 1 Project Sponsors Are Required To Complete Project Benefit Forms For Projects With Estimated Costs Over \$500K
- 2 Specific Forms For Different Types Of Projects
(See *Rural Flood Control Benefit Summary Form*)
- 3 SWC Is Not Conducting Traditional BC Analysis Or Developing BC Ratios
- 4 Qualitative Look At Benefits To Assist With Determining Priority Or Eligibility



2017-2019 PROJECT INVENTORY

- 1 Approx. 270 Potentially Eligible Projects Submitted For 2017-2019
- 2 Over 80 Are Drains, Most Over \$500k
- 3 All Low Priority

THANK YOU

For More Information

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North Dakota
State Water Commission

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The State Water Commission may provide cost-share up to 80 percent, for emergency action plans (EAPs) of each dam classified as high or medium significant hazard. The cost of a dam break model is only eligible for reimbursement for dams classified as a high hazard.

- 5 **WATER RETENTION PROJECTS.** The goal of water retention projects is to reduce flood damages by storing floodwater upstream of areas prone to flood damage. The State Water Commission may provide cost-share up to 60 percent of eligible costs for flood retention projects including purchase price of the property. For projects with federal participation, the cost-share may be up to 50 percent. Water retention structures constructed with State Water Commission cost-share must meet state dam safety requirements, including the potential of cascade failure. A hydrologic analysis including the operation plan, quantifying the flood reduction benefits for 25, 50, and 100-year events must be submitted with the cost-share application.
- 6 **SNAGGING AND CLEARING PROJECTS.** Snagging and clearing projects consist of the removal and disposal of fallen trees and associated debris encountered within or along the channel. Snagging and clearing projects are intended to prevent damage to structures such as bridges, and maintain the hydraulic capacity of the channel during flood flows. The State Water Commission may provide cost-share for up to 50 percent of the eligible items for snagging and clearing as well as any sediment that has accumulated in the immediate vicinity of snags and any trees in imminent danger of falling in the channel on watercourses as defined in N.D.C.C. § 61-01-06. Items that are not eligible include snagging and clearing of man-made channels; the dredging of watercourses for sediment removal; the clearing and grubbing of cattails and other plant vegetation; or the removal of any other unwanted materials.

D. RURAL FLOOD CONTROL. The primary purpose of rural flood control projects is to manage runoff or drainage from agricultural sources or to provide flood control in a rural setting. Typically, rural flood control projects consist of drains, channels, diversion ditches, or ring dikes. Items that are not eligible include projects that are managing runoff or drainage from residential or urban sources.

- 1 **DRAINS, CHANNELS, OR DIVERSION PROJECTS.** These projects are intended to improve the drainage and management of runoff from agricultural sources. The State Water Commission may provide cost-share up to 45 percent of the eligible items for the construction of drains, channels, or diversion ditches. Expansions and improvements may be cost-shared on the basis of increased drainage capacity achieved or increased area served. Construction costs for public road crossings that are integral to the project are eligible for cost-share as defined in N.D.C.C. § 61-21-31 and 61-21-32. If an assessment-based rural flood control project involves multiple districts, each district involved must join in the cost-share application.

Cost-share applications for rural assessment drains will only be processed after the assessment vote has passed, the final design is complete, and a drain permit

has been obtained. If the local sponsor wishes to submit a cost-share application prior to completion of the aforementioned steps, a pre-application process will be followed.

- 2 **RING DIKE PROGRAM.** This program is intended to protect individual rural homes and farmsteads through ring dike programs established by water resource districts. All ring dikes within the program are subject to the Commission's Individual Rural and Farmstead Ring Dike Criteria provided in Attachment A. Cost-share is limited to \$40,000 per ring dike. Protection of a city, community or development area does not fall under this program, but may be eligible for the flood control program. The State Water Commission may provide up to 60 percent cost-share of eligible items for ring dikes.

Landowners enrolled in the Natural Resource Conservation Service's (NRCS) Environmental Quality Incentive Program (EQIP) who intend to construct rural or farmstead ring dikes that meet the State Water Commission's elevation design criteria are eligible for a cost-share reimbursement of 20 percent of the NRCS construction payment, limited to a combined NRCS and State Water Commission contribution of 80 percent of project costs.

- E. **RECREATION.** The State Water Commission may provide cost-share up to 40 percent for projects intended to provide water-based recreation. Typical projects provide or complement water-based recreation associated with dams.
- F. **IRRIGATION.** The State Water Commission may provide cost-share for up to 50 percent of the eligible items for irrigation projects. The items eligible for cost-share are those associated with new central supply works, including water storage facilities, intake structures, wells, pumps, power units, primary water conveyance facilities, and electrical transmission and control facilities.
- G. **BANK STABILIZATION.** The State Water Commission may provide cost-share up to 50 percent of eligible items for bank stabilization projects on public lands or those lands under easement by federal, state, or political subdivisions. Bank stabilization projects are intended to stabilize the banks of lakes or watercourses, as defined in N.D.C.C § 61-01-06, with the purpose of protecting public facilities. Drop structures and outlets are not considered for funding as bank stabilization projects, but may be eligible under other cost-share program categories. Bank stabilization projects typically consist of a rock or vegetative design and are intended to prevent damage to public facilities including utilities, roads, or buildings adjacent to a lake or watercourse.



RURAL FLOOD CONTROL PROJECT BENEFIT SUMMARY

NORTH DAKOTA STATE WATER COMMISSION

PLANNING AND EDUCATION DIVISION

SFN 60553 (1/2014)

The following information will be used as part of the agency's project planning, budget development, and project prioritization processes. Project sponsors requesting SWC cost-share that have a project with a total cost of \$500,000 or more are required to provide supplemental information related to project benefits per NDCC 61-02-01.3. If the proposed project has undergone a detailed benefit-cost analysis, that information may be referenced or provided in lieu of the following.

Project Name:

Project Sponsor(s):

Describe existing and anticipated future conditions without the proposed project.

If applicable, provide a brief description of costs and impacts related to recent flood events. Include information about the magnitude of those events.

Describe how the project will reduce future costs and mitigate future impacts.

Describe the anticipated level of protection the proposed project will provide.

Provide the total number of agricultural acres that will benefit from the project.

Provide the number of agricultural acres that will benefit from the project beyond those that benefit from current conditions.

Estimate the total number of agricultural producers that will benefit from the proposed project and how they will benefit.

Provide any additional project-related benefits that you would like considered.

MAIL TO:

Planning & Education Division
ND State Water Commission
900 E Boulevard Ave. Dept. 770
Bismarck, ND 58505-0850

E-MAIL: NDSWMP@nd.gov

CHAPTER 61-02 WATER COMMISSION

61-02-01. Water conservation, flood control, management, and development declared a public purpose.

It is hereby declared that the general welfare and the protection of the lives, health, property, and the rights of all the people of this state require that the conservation, management, development, and control of waters in this state, public or private, navigable or non-navigable, surface or subsurface, the control of floods, and the management of the atmospheric resources, involve and necessitate the exercise of the sovereign powers of this state and are affected with and concern a public purpose. It is declared further that any and all exercise of sovereign powers of this state in investigating, constructing, maintaining, regulating, supervising, and controlling any system of works involving such subject matter embraces and concerns a single object, and that the state water commission in the exercise of its powers, and in the performance of all its official duties, shall be considered and construed to be performing a governmental function for the benefit, welfare, and prosperity of all the people of this state.

61-02-01.1. Statewide water development program.

The legislative assembly finds that there is a critical need to develop a comprehensive statewide water development program. The state water commission shall develop and implement a comprehensive statewide water development program. The commission shall design the program to serve the long-term water resource needs of the state and its people and to protect the state's current usage of, and the state's claim to, its proper share of Missouri River water.

61-02-01.2. State water commission - Policies for water retention projects.

The state water commission shall develop policies, including cost-sharing guidelines, which further the development of water retention projects for flood control. The commission shall provide a report regarding the policies to the sixty-second legislative assembly.

61-02-01.3. Comprehensive water development plan.

Biennially, the commission shall develop and maintain a comprehensive water development plan organized on a river basin perspective, including an inventory of future water projects for budgeting and planning purposes. As part of the commission's planning process, in order to facilitate local project sponsor participation and project prioritization and to assist in project cost-benefit analysis for projects expected to cost more than five hundred thousand dollars, the commission shall develop a policy that outlines procedures for commissioner-hosted meetings within the Red River, James River, Mouse River, upper Missouri River, lower Missouri River, and Devils Lake drainage basins.

61-02-01.4. State water commission cost-share policy.

The state water commission shall adopt a cost-share policy for the financing of water projects. The policy:

1. Must provide a water supply project is eligible for grants up to seventy-five percent of the total eligible project costs.
2. May not determine program eligibility of water supply projects based on a population growth factor. However, a population growth factor may be used in prioritizing projects for that purpose.
3. Must consider all project costs potentially eligible for reimbursement, except the commission may exclude operations expense and regular maintenance. The commission shall require a water project sponsor to maintain a capital improvement fund from the rates charged customers for future extraordinary maintenance projects as condition of funding an extraordinary maintenance project.
4. May not determine program eligibility of water supply projects based on affordability. However, affordability may be used in prioritizing projects for that purpose.

(September 20, 2016 DRAFT) North Dakota State Water Commission Water Project Inventory: 2017-2019 Biennium

PLEASE NOTE: This inventory of financial needs is for planning and budgeting purposes only. It does not guarantee, in any way, that projects listed will receive funding from the state. In addition, the estimated financial needs from the state (grant or loan) may change based on further review of the projects in accordance with cost-share program eligibility requirements.

Project Type	Local Sponsor	Project Name	Priority	Basin	Federal 2017-2019	Potential SWC Grant 2017-2019	Potential SWC Loan 2017-2019	Local 2017-2019	Total 2017-2019
Flood Control	State of North Dakota	Devils Lake Outlet Operations	2 - High	Devils Lake	\$0	\$5,000,000	\$0	\$0	\$5,000,000
Flood Control	Souris River JWRD, Minot	Mouse River Flood Control	2 - High	Mouse	\$10,000,000	\$114,000,000	TBD	\$76,000,000	\$200,000,000
Flood Control	Fargo	Fargo Interior Flood Control	2 - High	Red	\$0	\$70,572,500	\$0	\$70,572,500	\$141,145,000
Flood Control	F-M Diversion Authority	F-M Diversion	2 - High	Red	\$0	\$66,500,000	\$0	\$66,500,000	\$133,000,000
Flood Control	Minot	Puppy Dog Coulee Flood Control	2 - High	Mouse	\$0	\$7,000,000	TBD	\$7,500,000	\$14,500,000
Flood Control	Lisbon	Permanent Flood Protection	3 - Moderate	Red	\$0	\$8,800,000	\$2,200,000	\$0	\$11,000,000
Flood Control	Valley City	Permanent Flood Protection	3 - Moderate	Red	\$0	\$16,000,000	\$4,000,000	\$0	\$20,000,000
FLOOD CONTROL TOTAL					\$10,000,000	\$287,872,500	\$6,200,000	\$220,572,500	\$524,645,000
General Water Management	Burleigh WRD	Apple Creek Industrial Park Levee	2 - High	Missouri	\$0	\$900,000	TBD	\$600,000	\$1,500,000
General Water Management	Park River JWRD	North Branch Park River Flood Control - Crystal	2 - High	Red	\$0	\$2,400,000	TBD	\$1,600,000	\$4,000,000
General Water Management	Drayton	Drayton Flood Control	2 - High	Red	\$0	\$960,000	TBD	\$640,000	\$1,600,000
General Water Management	Grand Forks WRD	Arville Flood Outlet Channel & Drop Structure	2 - High	Red	\$0	\$450,000	TBD	\$300,000	\$750,000
General Water Management	Grand Forks WRD	Emerado Levee	2 - High	Red	\$0	\$600,000	TBD	\$400,000	\$1,000,000
General Water Management	LaMoure	LaMoure Flood Control	2 - High	James	\$0	\$2,400,000	TBD	\$1,600,000	\$4,000,000
General Water Management	Minot	Souris River SWIF Improvements	2 - High	Mouse	\$0	\$1,500,000	TBD	\$1,000,000	\$2,500,000
General Water Management	Neché	Neché Flood Control - Levee Certification	2 - High	Red	\$0	\$1,500,000	TBD	\$1,000,000	\$2,500,000
General Water Management	Rush River WRD	Amenia Levee	2 - High	Red	\$0	\$1,200,000	TBD	\$800,000	\$2,000,000
General Water Management	Southeast Cass WRD	Sheyenne-Maple Flood Control Project #2 Improvements	2 - High	Red	\$0	\$900,000	TBD	\$600,000	\$1,500,000
General Water Management	Walsh WRD	Forest River Flood Control	2 - High	Red	\$0	\$4,860,000	TBD	\$5,940,000	\$10,800,000
General Water Management	Ward WRD	Puppy Dog Coulee By-Pass Channel	2 - High	Mouse	\$0	\$1,800,000	TBD	\$1,200,000	\$3,000,000
General Water Management	Barnes WRD	Brown Dam Repurposing	3 - Moderate	Red	\$0	\$26,250	\$0	\$48,750	\$75,000
General Water Management	Barnes WRD	Kathryn Dam Repair and Modification	3 - Moderate	Red	\$100,000	\$1,125,000	\$0	\$375,000	\$1,600,000
General Water Management	Barnes WRD	Little Dam Repurposing	3 - Moderate	Red	\$0	\$975,000	\$0	\$325,000	\$1,300,000
General Water Management	Barnes WRD	Eckelson/Fox Lake Watershed Detention	3 - Moderate	Red	\$0	\$1,500,000	\$0	\$1,000,000	\$2,500,000
General Water Management	Belfield	Heart River Snagging and Clearing	3 - Moderate	Missouri	\$0	\$75,000	\$0	\$75,000	\$150,000
General Water Management	Benson WRD	Bouret Dam Rehabilitation	3 - Moderate	Devils Lake	\$20,000	\$100,000	\$0	\$45,000	\$165,000
General Water Management	Cass JWRD	Rush River Watershed Detention	3 - Moderate	Red	\$5,000,000	\$7,500,000	\$0	\$7,500,000	\$20,000,000
General Water Management	Cass JWRD	Swan Creek Watershed Detention	3 - Moderate	Red	\$5,000,000	\$7,500,000	\$0	\$7,500,000	\$20,000,000
General Water Management	Cass JWRD	Upper Maple Watershed Detention	3 - Moderate	Red	\$5,000,000	\$7,500,000	\$0	\$7,500,000	\$20,000,000
General Water Management	Elm River JWRD	Elm River Watershed Detention	3 - Moderate	Red	\$0	\$3,600,000	\$0	\$2,400,000	\$6,000,000
General Water Management	Elm River JWRD	Elm River Snagging and Clearing	3 - Moderate	Red	\$0	\$100,000	\$0	\$100,000	\$200,000
General Water Management	Enderlin	Maple River Snagging and Clearing	3 - Moderate	Red	\$0	\$100,000	\$0	\$100,000	\$200,000
General Water Management	Forest River JWRD	Forest River Flood Control Detention	3 - Moderate	Red	\$0	\$2,415,000	\$0	\$3,485,000	\$5,900,000
General Water Management	Grand Forks WRD	Johnstown Dam	3 - Moderate	Red	\$0	\$600,000	\$0	\$400,000	\$1,000,000
General Water Management	Grand Forks WRD	WPA Dam Reconstruction	3 - Moderate	Red	\$0	\$390,000	\$0	\$260,000	\$650,000
General Water Management	Grand Forks WRD	Upper Turtle River Dam Site #10	3 - Moderate	Red	\$0	\$1,500,000	\$0	\$1,000,000	\$2,500,000
General Water Management	Griggs WRD	Ueland Dam Rehabilitation	3 - Moderate	Red	\$20,000	\$100,000	\$0	\$45,000	\$165,000
General Water Management	Hettinger WRD	Karey Dam Rehabilitation	3 - Moderate	Missouri	\$20,000	\$100,000	\$0	\$45,000	\$165,000
General Water Management	Jamestown	James River Snagging and Clearing	3 - Moderate	James	\$0	\$315,000	\$0	\$345,000	\$660,000
General Water Management	LaMoure WRD	Edgeley Kulm Dam Repair	3 - Moderate	James	\$0	\$8,000	\$0	\$16,000	\$24,000
General Water Management	LaMoure WRD	Schlecht-Thom Dam Repair	3 - Moderate	James	\$0	\$8,000	\$0	\$16,000	\$24,000
General Water Management	LaMoure WRD	Schlenker Dam Repair	3 - Moderate	James	\$0	\$8,000	\$0	\$16,000	\$24,000
General Water Management	McHenry WRD	Mouse River Snagging and Clearing	3 - Moderate	Mouse	\$0	\$150,000	\$0	\$150,000	\$300,000
General Water Management	McKenzie WRD	Sivertson Dam Breach	3 - Moderate	Missouri	\$0	\$533,812	\$0	\$177,938	\$711,750
General Water Management	McLean WRD	Katz Dam & Lost Lake Dam Repurposing	3 - Moderate	Missouri	\$200,000	\$1,350,000	\$0	\$450,000	\$2,000,000
General Water Management	ND Parks and Recreation	Missouri River Day Park Bank Stabilization	3 - Moderate	Missouri	\$0	\$1,000,000	\$0	\$1,000,000	\$2,000,000
General Water Management	Park River JWRD	North Branch Park River Detention	3 - Moderate	Red	\$0	\$15,000,000	\$0	\$10,000,000	\$25,000,000
General Water Management	Pembina WRD	Senator Young Dam Repair	3 - Moderate	Red	\$1,500,000	\$11,250,000	\$0	\$3,750,000	\$16,500,000

(September 20, 2016 DRAFT) North Dakota State Water Commission Water Project Inventory: 2017-2019 Biennium

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Project Type	Local Sponsor	Project Name	Priority	Basin	Federal 2017-2019	Potential SWC Grant 2017-2019	Potential SWC Loan 2017-2019	Local 2017-2019	Total 2017-2019
General Water Management	Pembina WRD	Tongue River Dam Repairs	3 - Moderate	Red	\$0	\$1,050,000	\$0	\$350,000	\$1,400,000
General Water Management	Pembina WRD	Tongue River Watershed Detention	3 - Moderate	Red	\$0	\$6,000,000	\$0	\$4,000,000	\$10,000,000
General Water Management	Richland WRD	Bois de Sioux & Wild Rice River Detention	3 - Moderate	Red	\$0	\$15,000,000	\$0	\$10,000,000	\$25,000,000
General Water Management	Richland WRD	Sheyenne River Snag and Clear	3 - Moderate	Red	\$0	\$100,000	\$0	\$100,000	\$200,000
General Water Management	Richland WRD	Wild Rice River Snag and Clear	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Rush River WRD	Rush River Snagging and Clearing	3 - Moderate	Red	\$0	\$400,000	\$0	\$400,000	\$800,000
General Water Management	Sargent WRD	Gwynner Dam Replacement	3 - Moderate	Red	\$0	\$5,400,000	\$0	\$3,600,000	\$9,000,000
General Water Management	Sargent WRD	Shortfoot Creek Watershed Detention	3 - Moderate	Red	\$500,000	\$250,000	\$0	\$250,000	\$1,000,000
General Water Management	Sargent WRD	Silver Lake Dam Repair	3 - Moderate	Red	\$0	\$150,000	\$0	\$50,000	\$200,000
General Water Management	Southeast Cass WRD	Sheyenne River Snag and Clear - Reach #1	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Southeast Cass WRD	Sheyenne River Snag and Clear - Reach #2	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Southeast Cass WRD	Sheyenne River Snag and Clear - Reach #3	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Southeast Cass WRD	Wild Rice River Snag and Clear	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Steele WRD	Middle Branch Goose River Watershed Detention	3 - Moderate	Red	\$0	\$9,000,000	\$0	\$6,000,000	\$15,000,000
General Water Management	Trail WRD	Elm River, Goose River, Buffalo Coulee Snag and Clear	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Valley City	Mill Dam Repair	3 - Moderate	Red	\$0	\$750,000	\$0	\$250,000	\$1,000,000
General Water Management	Valley City	Sheyenne River Bank Stabilization	3 - Moderate	Red	\$0	\$250,000	\$0	\$250,000	\$500,000
General Water Management	Walsh WRD	Forest River Snag & Clear	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Walsh WRD	Park River Snag and Clear	3 - Moderate	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Walsh WRD	First Larson Coulee Detention	3 - Moderate	Mouse	\$0	\$288,000	\$0	\$192,000	\$480,000
General Water Management	Ward WRD	Meadowbrook Snag & Clear	3 - Moderate	Mouse	\$0	\$50,000	\$0	\$50,000	\$100,000
General Water Management	Assiniboine River Basin Initiative	ARBI - Coordinated Action Plan Implementation	4 - Low	Mouse	\$0	\$200,000	\$0	\$280,000	\$480,000
General Water Management	Barnes & Griggs JWRD	Silver Creek Drain #1	4 - Low	Red	\$0	\$291,640	\$0	\$356,448	\$648,088
General Water Management	Barnes WRD	10 Mile Lake Outlet	4 - Low	Red	\$0	\$900,000	\$0	\$1,100,000	\$2,000,000
General Water Management	Bottineau WRD	Bauman Legal Drain	4 - Low	Mouse	\$0	\$410,000	\$0	\$501,600	\$911,600
General Water Management	Bottineau WRD	Brander Legal Drain Extension	4 - Low	Mouse	\$0	\$96,000	\$0	\$117,000	\$213,000
General Water Management	Bottineau WRD	Haas Coulee Phase II	4 - Low	Mouse	\$0	\$189,000	\$0	\$231,000	\$420,000
General Water Management	Bottineau WRD	International Drain (Hulse Coulee, Zahn Drain)	4 - Low	Mouse	\$0	\$267,000	\$0	\$328,000	\$595,000
General Water Management	Bottineau WRD	Kane-Tacoma Drain	4 - Low	Mouse	\$0	\$120,000	\$0	\$150,000	\$270,000
General Water Management	Bottineau WRD	Landa Rural Flood Control Project	4 - Low	Mouse	\$0	\$292,000	\$0	\$358,000	\$650,000
General Water Management	Bottineau WRD	LaPort Coulee West Rural Flood Control	4 - Low	Mouse	\$0	\$720,000	\$0	\$880,000	\$1,600,000
General Water Management	Bottineau WRD	Russel Legal Drain	4 - Low	Mouse	\$0	\$82,000	\$0	\$100,000	\$182,000
General Water Management	Bottineau WRD	Stead Drain	4 - Low	Mouse	\$0	\$220,000	\$0	\$270,000	\$490,000
General Water Management	Bottineau WRD	Stone Creek Phase II	4 - Low	Mouse	\$0	\$214,000	\$0	\$261,000	\$475,000
General Water Management	Burleigh WRD	McDowell Dam Supplemental Water Supply	4 - Low	Missouri	\$0	\$360,000	\$0	\$540,000	\$900,000
General Water Management	Cavalier	Bjornson Drive Drainage - Overland Flooding Study	4 - Low	Red	\$0	\$40,250	\$0	\$74,750	\$115,000
General Water Management	Cavalier WRD	Cypress III Drainage Improvement	4 - Low	Red	\$0	\$58,500	\$0	\$71,500	\$130,000
General Water Management	Cavalier WRD	Roseau Drain	4 - Low	Red	\$0	\$222,750	\$0	\$272,250	\$495,000
General Water Management	Dickey WRD	Drain #1 Channel Improvement	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Eastern Dakota ID	Irrigation Electrical Rate Study	4 - Low	Red	\$0	\$3,500	\$0	\$6,500	\$10,000
General Water Management	Grand Forks WRD	Hazen Brook Dam Feasibility Study	4 - Low	Red	\$0	\$350,000	\$0	\$650,000	\$1,000,000
General Water Management	Grand Forks WRD	Drain #12 Channel Improvement	4 - Low	Red	\$0	\$2,250,000	\$0	\$2,750,000	\$5,000,000
General Water Management	Grand Forks WRD	Drain #9 Channel Improvement	4 - Low	Red	\$0	\$128,250	\$0	\$156,750	\$285,000
General Water Management	Grand Forks WRD	Drain #19 Channel improvement	4 - Low	Red	\$0	\$225,000	\$0	\$275,000	\$500,000
General Water Management	Grand Forks WRD	Drain #23 Channel Improvement	4 - Low	Red	\$0	\$180,000	\$0	\$220,000	\$400,000
General Water Management	Grand Forks WRD	Drain #58 Channel Improvement	4 - Low	Red	\$0	\$357,750	\$0	\$437,250	\$795,000
General Water Management	Grand Forks WRD	Drain #59 Channel Improvement	4 - Low	Red	\$0	\$900,000	\$0	\$1,100,000	\$2,000,000
General Water Management	Maple River WRD	Buffalo-Lynchbrug Channel Improvement	4 - Low	Red	\$0	\$675,000	\$0	\$825,000	\$1,500,000

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Project Type	Local Sponsor	Project Name	Priority	Basin	Federal 2017-2019	Potential SWC Grant 2017-2019	Potential SWC Loan 2017-2019	Local 2017-2019	Total 2017-2019
General Water Management	Maple River WRD	F-M Diversion Impacts	4 - Low	Red	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Maple River WRD	Cass Drain #37 Channel Improvement	4 - Low	Red	\$0	\$225,000	\$0	\$275,000	\$500,000
General Water Management	Maple River WRD	Cass Drain #46 Channel Improvement	4 - Low	Red	\$0	\$270,000	\$0	\$330,000	\$600,000
General Water Management	Maple River WRD	Cass County Drain MR-1 Channel Improvement	4 - Low	Red	\$0	\$225,000	\$0	\$275,000	\$500,000
General Water Management	Maple River WRD	Cass County Drain MR-2 Channel Improvement	4 - Low	Red	\$0	\$675,000	\$0	\$825,000	\$1,500,000
General Water Management	Maple River WRD	Cass County Proposed Drain	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Maple River WRD	Upper Swan Creek Channel Improvement	4 - Low	Red	\$0	\$270,000	\$0	\$330,000	\$600,000
General Water Management	McLean WRD	Painted Woods Lake Rural Flood Control	4 - Low	Missouri	\$100,000	\$855,000	\$0	\$1,045,000	\$2,000,000
General Water Management	McLean WRD	Fort Mandan/4H Camp Rural Flood Control	4 - Low	Missouri	\$0	\$990,000	\$0	\$1,210,000	\$2,200,000
General Water Management	McLean WRD	Turtle Creek Rural Flood Control	4 - Low	Missouri	\$0	\$900,000	\$0	\$1,100,000	\$2,000,000
General Water Management	North Cass WRD	Cass County Drain #18 Channel Improvement	4 - Low	Red	\$0	\$270,000	\$0	\$330,000	\$600,000
General Water Management	North Cass WRD	Cass County Drain #23 Channel Improvement	4 - Low	Red	\$0	\$270,000	\$0	\$330,000	\$600,000
General Water Management	North Cass WRD	Cass County Drain #26 Channel Improvement	4 - Low	Red	\$0	\$292,500	\$0	\$357,500	\$650,000
General Water Management	North Cass WRD	Cass County Drain #31 Channel Improvement	4 - Low	Red	\$0	\$315,000	\$0	\$385,000	\$700,000
General Water Management	North Cass WRD	Cass County Drain #32 Channel Improvement	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Pembina WRD	Drain #66 Secondary Outlet	4 - Low	Red	\$0	\$675,000	\$0	\$825,000	\$1,500,000
General Water Management	Pembina WRD	Drain #79 Improvement	4 - Low	Red	\$0	\$492,000	\$0	\$1,000,000	\$1,492,000
General Water Management	Powers Lake	Powers Lake Watershed Protection	4 - Low	Missouri	\$47,400	\$37,600	\$0	\$56,400	\$141,400
General Water Management	Red River Basin Commission	RRBC - Natural Resource Framework Plan Implementation	4 - Low	Red	\$0	\$200,000	\$0	\$200,000	\$400,000
General Water Management	Red River Ret. Auth. & RRJWRD	Red River Retention Authority Coordinator	4 - Low	Red	\$0	\$41,000	\$0	\$123,000	\$164,000
General Water Management	Renville WRD	Tolley Slough Outlet	4 - Low	Mouse	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Richland WRD	Drain #7 Reconstruction	4 - Low	Red	\$0	\$290,000	\$0	\$360,000	\$650,000
General Water Management	Richland WRD	Drain #14 Reconstruction	4 - Low	Red	\$0	\$290,000	\$0	\$360,000	\$650,000
General Water Management	Richland WRD	Drain #18 Reconstruction	4 - Low	Red	\$0	\$500,000	\$0	\$650,000	\$1,150,000
General Water Management	Richland WRD	Shortfoot Creek Reconstruction Phase II	4 - Low	Red	\$0	\$270,000	\$0	\$330,000	\$600,000
General Water Management	Rush River WRD	F-M Diversion Impacts	4 - Low	Red	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Rush River WRD	Drain #52 Channel Improvement	4 - Low	Red	\$0	\$675,000	\$0	\$825,000	\$1,500,000
General Water Management	Rush River WRD	Cass County Drain #77 - New Drain	4 - Low	Red	\$0	\$213,750	\$0	\$261,250	\$475,000
General Water Management	Sargent WRD	Drain #7 Channel Improvement	4 - Low	Red	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Sargent WRD	Drain #11 Channel Improvement	4 - Low	Red	\$0	\$1,125,000	\$0	\$1,375,000	\$2,500,000
General Water Management	Sargent WRD	Drain #12 Channel Improvement	4 - Low	Red	\$0	\$225,000	\$0	\$275,000	\$500,000
General Water Management	Southeast Cass WRD	Drain #21C Channel Improvement	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Southeast Cass WRD	Drain #27 Channel Improvement	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Southeast Cass WRD	Drain #47 Channel Improvement	4 - Low	Red	\$0	\$405,000	\$0	\$495,000	\$900,000
General Water Management	Southeast Cass WRD	Drain #50 Channel Improvement	4 - Low	Red	\$0	\$405,000	\$0	\$495,000	\$900,000
General Water Management	Southeast Cass WRD	Drain #51 Channel Improvement	4 - Low	Red	\$0	\$405,000	\$0	\$495,000	\$900,000
General Water Management	Southeast Cass WRD	Drain #53 Channel Improvement	4 - Low	Red	\$0	\$900,000	\$0	\$1,100,000	\$2,000,000
General Water Management	Steele WRD	Drain #3 Channel Improvement	4 - Low	Red	\$0	\$213,750	\$0	\$261,250	\$475,000
General Water Management	Steele WRD	Drain #4 Channel Improvement	4 - Low	Red	\$0	\$562,500	\$0	\$687,500	\$1,250,000
General Water Management	Steele WRD	Drain #6 Channel Improvement	4 - Low	Red	\$0	\$360,000	\$0	\$440,000	\$800,000
General Water Management	Steele WRD	Drain #8 Channel Improvement	4 - Low	Red	\$0	\$360,000	\$0	\$440,000	\$800,000
General Water Management	Steele WRD	Drain #11 Channel Improvement	4 - Low	Red	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Steele WRD	Drain #12 Channel Improvement	4 - Low	Red	\$0	\$360,000	\$0	\$440,000	\$800,000
General Water Management	Steele WRD	Golden Lakes Improvement	4 - Low	Red	\$0	\$198,000	\$0	\$297,000	\$495,000
General Water Management	Steele WRD	Drainage Improvement District - Proposed Channel	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Traill WRD	Carson Drain #10 Channel Improvement	4 - Low	Red	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Traill WRD	Murray Drain #17 Channel Improvement	4 - Low	Red	\$0	\$675,000	\$0	\$825,000	\$1,500,000
General Water Management	Traill WRD	Roseville Drain #19 Channel Improvement	4 - Low	Red	\$0	\$900,000	\$0	\$1,100,000	\$2,000,000

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Project Type	Local Sponsor	Project Name	Priority	Basin	Federal 2017-2019	Potential SWC Grant 2017-2019	Potential SWC Loan 2017-2019	Local 2017-2019	Total 2017-2019
General Water Management	Traill WRD	Drain #23-40 Channel Improvement	4 - Low	Red	\$0	\$675,000	\$0	\$825,000	\$1,500,000
General Water Management	Traill WRD	Hillsboro Drain #26 Channel Improvement	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Traill WRD	Morgan Drain #36 Channel Improvement	4 - Low	Red	\$0	\$900,000	\$0	\$1,100,000	\$2,000,000
General Water Management	Traill WRD	Hatton Drain #45 Channel Improvement	4 - Low	Red	\$0	\$337,500	\$0	\$412,500	\$750,000
General Water Management	Traill WRD	Stavanger-Belmont Drain #52 Channel Improvement	4 - Low	Red	\$0	\$1,500,000	\$0	\$1,800,000	\$3,300,000
General Water Management	Traill WRD	Thompson Drain #71 - New Channel	4 - Low	Red	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Tri-County JWRD	Preston Floodway Improvement	4 - Low	Red	\$0	\$562,500	\$0	\$687,500	\$1,250,000
General Water Management	Tri-County JWRD	Drain #6 Reconstruction Phase II	4 - Low	Red	\$0	\$700,000	\$0	\$850,000	\$1,550,000
General Water Management	Walsh WRD	Drain #22 Channel Improvement	4 - Low	Red	\$0	\$200,000	\$0	\$400,000	\$600,000
General Water Management	Walsh WRD	Drain #25 Channel Improvement	4 - Low	Red	\$0	\$450,000	\$0	\$550,000	\$1,000,000
General Water Management	Walsh WRD	Drain #30 Channel Improvement	4 - Low	Red	\$0	\$500,000	\$0	\$800,000	\$1,300,000
General Water Management	Walsh WRD	Drain #31 Channel Improvement	4 - Low	Red	\$0	\$350,000	\$0	\$630,000	\$980,000
General Water Management	Walsh WRD	Drain #50 Channel Improvement	4 - Low	Red	\$0	\$656,200	\$0	\$984,300	\$1,640,500
General Water Management	Walsh WRD	Drain #87 (McLeod Drain) Channel Improvement	4 - Low	Red	\$0	\$2,000,000	\$0	\$3,000,000	\$5,000,000
General Water Management	Walsh WRD	Drain #90 Channel Improvement	4 - Low	Red	\$0	\$4,500,000	\$0	\$7,700,000	\$12,200,000
General Water Management	Walsh WRD	Hove/Horeshoe Legal Drain	4 - Low	Red	\$0	\$600,000	\$0	\$900,000	\$1,500,000
General Water Management	Ward WRD	Makoti Lake Stabilization	4 - Low	Mouse	\$0	\$900,000	\$0	\$1,100,000	\$2,000,000
GENERAL WATER MANAGEMENT TOTAL					\$17,507,400	\$171,019,502	\$0	\$152,194,436	\$340,721,338
Irrigation	Dickey-Sargent ID	Oakes Test Area Supplemental Water Supply	3 - Moderate	James	\$0	\$2,500,000	\$0	\$2,500,000	\$5,000,000
Irrigation	Garrison Diversion Conservancy	McClusky Canal Irrigation	3 - Moderate	Missouri	\$0	\$1,250,000	\$0	\$1,250,000	\$2,500,000
IRRIGATION TOTAL					\$0	\$3,750,000	\$0	\$3,750,000	\$7,500,000
Water Supply (Rural)	Greater Ramsey WD	City of Devils Lake Regionalization	3 - Moderate	Devils Lake	\$0	\$1,162,500	\$77,500	\$310,000	\$1,550,000
Water Supply (Rural)	North Prairie Rural WD	Mountrail Regional Expansion Phase III	3 - Moderate	Missouri	\$0	\$3,600,000	\$240,000	\$960,000	\$4,800,000
Water Supply (Rural)	North Prairie Rural WD	Mountrail County Water Supply	3 - Moderate	Missouri	\$0	\$3,247,500	\$216,500	\$866,000	\$4,330,000
Water Supply (Rural)	Northeast Rural WD	Langdon Branch System Expansion	3 - Moderate	Red	\$0	\$6,000,000	\$400,000	\$1,600,000	\$8,000,000
Water Supply (Rural)	Southeast WUD	System Wide Expansion	3 - Moderate	Red	\$0	\$3,000,000	\$200,000	\$800,000	\$4,000,000
Water Supply (Rural)	Stutsman Rural WD	Phase VI Expansion	3 - Moderate	James	\$0	\$2,175,000	\$145,000	\$580,000	\$2,900,000
Water Supply (Rural)	Cass Rural WD	Horace Area Water Tank	4 - Low	Red	\$0	\$1,300,000	\$780,000	\$520,000	\$2,600,000
Water Supply (Rural)	Garrison Rural WD	Northwest System Expansion	4 - Low	Missouri	\$0	\$2,175,204	\$725,069	\$725,069	\$3,625,342
Water Supply (Rural)	Grand Forks Traill WD	Eastern System Expansion & Traill Rural Interconnection	4 - Low	Red	\$0	\$2,715,045	\$905,015	\$905,015	\$4,525,075
Water Supply (Rural)	McLean-Sheridan Rural WD	New Water Tower & Transmission Lines	4 - Low	Missouri	\$0	\$1,620,000	\$540,000	\$540,000	\$2,700,000
Water Supply (Rural)	North Prairie Rural WD	Reservoir 9	4 - Low	Mouse	\$0	\$900,000	\$300,000	\$300,000	\$1,500,000
Water Supply (Rural)	North Prairie Rural WD	Surrey - Silver Spring Development Supply Line	4 - Low	Mouse	\$0	\$165,000	\$55,000	\$55,000	\$275,000
Water Supply (Rural)	Traill Rural WD	Transmission Pipeline Expansion & PRV Installation	4 - Low	Red	\$0	\$1,018,276	\$339,426	\$339,426	\$1,697,128
Water Supply (Rural)	Tri-County Rural WD	Connection to McVilleville & Rural Distribution	4 - Low	Red	\$0	\$2,340,000	\$780,000	\$780,000	\$3,900,000
Water Supply (Rural)	Walsh Rural WD	System Improvements & New Users	4 - Low	Red	\$0	\$1,126,186	\$375,395	\$375,395	\$1,876,976
RURAL WATER SUPPLY TOTAL					\$0	\$32,544,711	\$6,078,905	\$9,655,905	\$48,279,521
Water Supply (Regional)	Lake Agassiz Water Authority	Red River Valley Water Supply	2 - High	Multi-Basin	\$0	\$50,000,000	\$0	TBD	\$50,000,000
Water Supply (Regional)	Minot	Northwest Area Water Supply	2 - High	Mouse	\$0	\$110,500,000	\$0	\$59,500,000	\$170,000,000
Water Supply (Regional)	Southwest Water Authority	Southwest Pipeline Project	2 - High	Missouri	\$0	\$84,000,000	\$0	\$0	\$84,000,000
Water Supply (Regional)	Western Area Water Supply	Western Area Water Supply	2 - High	Missouri	\$0	\$45,000,000	\$0	\$15,000,000	\$60,000,000
REGIONAL WATER SUPPLY TOTAL					\$0	\$289,500,000	\$0	\$74,500,000	\$364,000,000
Water Supply (Municipal)	Burlington	South Water Tower	2 - High	Mouse	\$0	\$819,000	\$273,000	\$273,000	\$1,365,000
Water Supply (Municipal)	Dickinson	Distribution System Improvements	2 - High	Missouri	\$0	\$1,800,000	\$600,000	\$600,000	\$3,000,000
Water Supply (Municipal)	Dickinson	North Side Tank	2 - High	Missouri	\$0	\$1,800,000	\$600,000	\$600,000	\$3,000,000
Water Supply (Municipal)	Dickinson	South Side Tank	2 - High	Missouri	\$0	\$2,700,000	\$900,000	\$900,000	\$4,500,000
Water Supply (Municipal)	Killdeer	HWBL Industrial Subdivision Water Supply	2 - High	Missouri	\$0	\$294,000	\$98,000	\$98,000	\$490,000
Water Supply (Municipal)	Killdeer	South Water Storage Reservoir	2 - High	Missouri	\$0	\$270,000	\$90,000	\$90,000	\$450,000

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Project Type	Local Sponsor	Project Name	Priority	Basin	Federal 2017-2019	Potential SWC Grant 2017-2019	Potential SWC Loan 2017-2019	Local 2017-2019	Total 2017-2019
Water Supply (Municipal)	Killdeer	Southwest Utility Extension	2 - High	Missouri	\$0	\$216,720	\$72,240	\$72,240	\$361,200
Water Supply (Municipal)	Lincoln	Water Supply Main	2 - High	Missouri	\$0	\$954,000	\$500,000	\$136,000	\$1,590,000
Water Supply (Municipal)	Mandan	Boundary Road PRV	2 - High	Missouri	\$0	\$294,000	\$98,000	\$98,000	\$490,000
Water Supply (Municipal)	Mandan	Sunset Avenue Reservoir Transmission Line	2 - High	Missouri	\$0	\$3,006,000	\$1,002,000	\$1,002,000	\$5,010,000
Water Supply (Municipal)	Mandan	Conventional Raw Water Intake	2 - High	Missouri	\$0	\$8,160,000	\$2,720,000	\$2,720,000	\$13,600,000
Water Supply (Municipal)	Mandan	Collins Reservoir Rehabilitation	2 - High	Missouri	\$0	\$318,300	\$106,100	\$106,100	\$530,500
Water Supply (Municipal)	New Town	Northwest Water Tower	2 - High	Missouri	\$0	\$1,410,000	\$470,000	\$470,000	\$2,350,000
Water Supply (Municipal)	Watford City	Water Main - 12th St NE (Hwy 23 to 17th Ave N)	2 - High	Missouri	\$0	\$390,000	\$130,000	\$130,000	\$650,000
Water Supply (Municipal)	Watford City	Water Main - 14th St NW (10th Ave NW to 17th Ave NW)	2 - High	Missouri	\$0	\$240,000	\$80,000	\$80,000	\$400,000
Water Supply (Municipal)	Watford City	Water Main - 17th Ave NE (12th St NE to Hwy 1806)	2 - High	Missouri	\$0	\$780,000	\$260,000	\$260,000	\$1,300,000
Water Supply (Municipal)	Watford City	Water Main - 17th Ave NE (Pheasant Ridge to 12th St NE)	2 - High	Missouri	\$0	\$282,000	\$94,000	\$94,000	\$470,000
Water Supply (Municipal)	Watford City	Water Main - 17th Ave NW (Main St to 14th St NW)	2 - High	Missouri	\$0	\$510,000	\$170,000	\$170,000	\$850,000
Water Supply (Municipal)	Watford City	Water Main - Hwy 23 Bypass Loop	2 - High	Missouri	\$0	\$270,000	\$90,000	\$90,000	\$450,000
Water Supply (Municipal)	Watford City	11th Ave. S Watermain	2 - High	Missouri	\$0	\$744,357	\$248,119	\$248,119	\$1,240,595
Water Supply (Municipal)	Watford City	HWY 85 (24th Ave S to 37th Ave S)	2 - High	Missouri	\$0	\$371,854	\$123,951	\$123,951	\$619,756
Water Supply (Municipal)	Watford City	Southwest Water Tower	2 - High	Missouri	\$0	\$1,492,570	\$497,523	\$497,523	\$2,487,616
Water Supply (Municipal)	West Fargo	NE Service Area Water Main Loop	2 - High	Red	\$0	\$450,000	\$150,000	\$150,000	\$750,000
Water Supply (Municipal)	West Fargo	New Water Tower - South of I 94	2 - High	Red	\$0	\$1,500,000	\$500,000	\$500,000	\$2,500,000
Water Supply (Municipal)	West Fargo	NW to SW Service Area Water Main Loop	2 - High	Red	\$0	\$720,000	\$240,000	\$240,000	\$1,200,000
Water Supply (Municipal)	Williston	9th Ave E Water Main	2 - High	Missouri	\$0	\$254,580	\$84,860	\$84,860	\$424,300
Water Supply (Municipal)	Williston	18th St Trunk Water Main	2 - High	Missouri	\$0	\$2,068,800	\$689,600	\$689,600	\$3,448,000
Water Supply (Municipal)	Williston	48th Ave Chandler Field Water Main Connection	2 - High	Missouri	\$0	\$136,260	\$45,420	\$45,420	\$227,100
Water Supply (Municipal)	Williston	140th Ave Water Main	2 - High	Missouri	\$0	\$267,000	\$89,000	\$89,000	\$445,000
Water Supply (Municipal)	Williston	Airport Water Main & Pump Station	2 - High	Missouri	\$0	\$4,350,000	\$1,450,000	\$1,450,000	\$7,250,000
Water Supply (Municipal)	Williston	US Hwy 2 Water Main Crossings	2 - High	Missouri	\$0	\$434,400	\$144,800	\$144,800	\$724,000
Water Supply (Municipal)	Alexander	Water Line Extension	4 - Low	Missouri	\$0	\$900,000	\$300,000	\$300,000	\$1,500,000
Water Supply (Municipal)	Arthur	Water Tower Replacement	4 - Low	Red	\$0	\$840,000	\$280,000	\$280,000	\$1,400,000
Water Supply (Municipal)	Belfield	Water Transmission Line	4 - Low	Missouri	\$0	\$840,000	\$280,000	\$280,000	\$1,400,000
Water Supply (Municipal)	Cando	New Water Tower	4 - Low	Devils Lake	\$0	\$900,000	\$300,000	\$300,000	\$1,500,000
Water Supply (Municipal)	Cando	Water Treatment Plant Improvements	4 - Low	Devils Lake	\$0	\$900,000	\$300,000	\$300,000	\$1,500,000
Water Supply (Municipal)	Cavalier	New Water Tower	4 - Low	Red	\$0	\$1,500,000	\$500,000	\$500,000	\$2,500,000
Water Supply (Municipal)	Center	Water Supply Improvements	4 - Low	Missouri	\$0	\$356,224	\$213,734	\$142,490	\$712,448
Water Supply (Municipal)	Columbus	Water Main Improvements - Phase I	4 - Low	Mouse	\$0	\$365,400	\$121,800	\$121,800	\$609,000
Water Supply (Municipal)	Columbus	Water Main Improvements - Phase II	4 - Low	Mouse	\$0	\$346,710	\$115,570	\$115,570	\$577,850
Water Supply (Municipal)	Columbus	Water Main Improvements - Phase III	4 - Low	Mouse	\$260,890	\$234,801	\$78,267	\$78,267	\$652,225
Water Supply (Municipal)	Davenport	Water Storage, Booster Station, & Transmission Lines	4 - Low	Red	\$0	\$429,600	\$143,200	\$143,200	\$716,000
Water Supply (Municipal)	Drayton	Clearwell Replacement	4 - Low	Red	\$0	\$1,050,000	\$350,000	\$350,000	\$1,750,000
Water Supply (Municipal)	Drayton	Water Treatment Plant Improvements	4 - Low	Red	\$0	\$4,200,000	\$1,400,000	\$1,400,000	\$7,000,000
Water Supply (Municipal)	Enderlin	New Wells & Transmission Line	4 - Low	Red	\$0	\$990,000	\$330,000	\$330,000	\$1,650,000
Water Supply (Municipal)	Enderlin	Water Tower Replacement	4 - Low	Red	\$0	\$1,173,000	\$391,000	\$391,000	\$1,955,000
Water Supply (Municipal)	Enderlin	New Lime Softening	4 - Low	Red	\$0	\$4,839,000	\$1,613,000	\$1,613,000	\$8,065,000
Water Supply (Municipal)	Fairmount	New Water Tower	4 - Low	Red	\$127,688	\$694,387	\$381,462	\$81,463	\$1,285,000
Water Supply (Municipal)	Fargo	New Downtown Elevated Storage Tanks	4 - Low	Red	\$0	\$3,900,000	\$1,300,000	\$1,300,000	\$6,500,000
Water Supply (Municipal)	Fargo	Water Treatment Plant Residuals Facility	4 - Low	Red	\$0	\$9,000,000	\$3,000,000	\$3,000,000	\$15,000,000
Water Supply (Municipal)	Flaxton	Water Distribution System Upgrades	4 - Low	Missouri	\$0	\$141,000	\$47,000	\$97,000	\$285,000
Water Supply (Municipal)	Garrison	Water Supply & Treatment Improvements	4 - Low	Missouri	\$0	\$5,400,000	\$1,800,000	\$1,800,000	\$9,000,000
Water Supply (Municipal)	Garrison	Transmission & Supply Line	4 - Low	Missouri	\$0	\$1,080,000	\$360,000	\$360,000	\$1,800,000
Water Supply (Municipal)	Grafton	Park River Surface Water Intake Improvements	4 - Low	Red	\$0	\$470,000	\$178,000	\$162,000	\$810,000

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Project Type	Local Sponsor	Project Name	Priority	Basin	Federal 2017-2019	Potential SWC Grant 2017-2019	Potential SWC Loan 2017-2019	Local 2017-2019	Total 2017-2019
Water Supply (Municipal)	Grafton	Red River Surface Water Intake Improvements	4 - Low	Red	\$0	\$900,000	\$300,000	\$300,000	\$1,500,000
Water Supply (Municipal)	Grand Forks	Regional Water Treatment Plant	4 - Low	Red	\$0	\$30,549,657	\$0	\$30,549,657	\$61,099,314
Water Supply (Municipal)	Granville	Distribution System Improvements	4 - Low	Red	\$0	\$168,000	\$106,000	\$6,000	\$280,000
Water Supply (Municipal)	Grenora	Water Tower Replacement	4 - Low	Missouri	\$0	\$2,220,000	\$1,000,000	\$480,000	\$3,700,000
Water Supply (Municipal)	Hankinson	Transmission Line & Well	4 - Low	Red	\$0	\$1,500,000	\$500,000	\$500,000	\$2,500,000
Water Supply (Municipal)	Harvey	Water Treatment Plant Improvements	4 - Low	Missouri	\$0	\$480,000	\$160,000	\$160,000	\$800,000
Water Supply (Municipal)	Harwood	I-29 South Watermain Loop	4 - Low	Red	\$0	\$392,400	\$130,800	\$130,800	\$654,000
Water Supply (Municipal)	Lakota	New Water Tower	4 - Low	Devils Lake	\$0	\$900,000	\$300,000	\$300,000	\$1,500,000
Water Supply (Municipal)	Lakota	New Water Treatment Plant	4 - Low	Devils Lake	\$0	\$2,100,000	\$700,000	\$700,000	\$3,500,000
Water Supply (Municipal)	LaMoure	Water Tower Replacement	4 - Low	James	\$0	\$660,000	\$220,000	\$220,000	\$1,100,000
Water Supply (Municipal)	Langdon	Water Main Looping	4 - Low	Red	\$0	\$600,000	\$200,000	\$200,000	\$1,000,000
Water Supply (Municipal)	Larimore	New Water Mains and Appurtenances	4 - Low	Red	\$0	\$225,000	\$75,000	\$75,000	\$375,000
Water Supply (Municipal)	Lisbon	Water Main Looping	4 - Low	Red	\$0	\$246,000	\$82,000	\$82,000	\$410,000
Water Supply (Municipal)	Lisbon	Water Treatment Plant Rehabilitation	4 - Low	Red	\$0	\$300,000	\$100,000	\$100,000	\$500,000
Water Supply (Municipal)	Lisbon	New Wells & Transmission Line	4 - Low	Red	\$0	\$336,000	\$112,000	\$112,000	\$560,000
Water Supply (Municipal)	Makoti	New transmission Line	4 - Low	Missouri	\$0	\$360,000	\$120,000	\$120,000	\$600,000
Water Supply (Municipal)	Mapleton	New Water Tower	4 - Low	Red	\$0	\$978,000	\$326,000	\$326,000	\$1,630,000
Water Supply (Municipal)	Mercer	Storage & Distribution Improvements	4 - Low	Missouri	\$1,000,000	\$408,557	\$136,186	\$136,186	\$1,680,929
Water Supply (Municipal)	Michigan	Water Tower Replacement	4 - Low	Devils Lake	\$0	\$300,000	\$100,000	\$100,000	\$500,000
Water Supply (Municipal)	Mohall	Water Main Looping	4 - Low	Mouse	\$0	\$216,000	\$72,000	\$72,000	\$360,000
Water Supply (Municipal)	Mooreton	Reservoir, Pressure System, & Distribution Mains	4 - Low	Red	\$0	\$720,000	\$240,000	\$240,000	\$1,200,000
Water Supply (Municipal)	Oberon	Well Installation	4 - Low	Devils Lake	\$0	\$159,000	\$81,000	\$60,000	\$300,000
Water Supply (Municipal)	Park River	Water Main Improvements	4 - Low	Red	\$0	\$708,796	\$236,265	\$236,265	\$1,181,326
Water Supply (Municipal)	Portland	Water Tower Replacement	4 - Low	Red	\$0	\$750,000	\$250,000	\$250,000	\$1,250,000
Water Supply (Municipal)	Riverdale	Water Storage Improvements	4 - Low	Missouri	\$0	\$780,000	\$260,000	\$260,000	\$1,300,000
Water Supply (Municipal)	Sawyer	Treatment Plant Upgrades & Well Replacement	4 - Low	Mouse	\$0	\$1,464,000	\$488,000	\$488,000	\$2,440,000
Water Supply (Municipal)	Sherwood	Water Supply Improvements	4 - Low	Mouse	\$0	\$267,000	\$89,000	\$89,000	\$445,000
Water Supply (Municipal)	Streeter	Well Installation	4 - Low	James	\$0	\$378,000	\$126,000	\$126,000	\$630,000
Water Supply (Municipal)	Valley City	Distribution System Improvements	4 - Low	Red	\$0	\$660,000	\$220,000	\$220,000	\$1,100,000
Water Supply (Municipal)	Wahpeton	New Well	4 - Low	Red	\$0	\$432,000	\$144,000	\$144,000	\$720,000
Water Supply (Municipal)	Westhope	Water Main Improvements	4 - Low	Mouse	\$0	\$360,000	\$120,000	\$120,000	\$600,000
Water Supply (Municipal)	Wildrose	Water Tower Improvements	4 - Low	Missouri	\$0	\$57,000	\$19,000	\$19,000	\$95,000
Water Supply (Municipal)	Wing	Water Tower Replacement	4 - Low	Missouri	\$550,000	\$300,000	\$100,000	\$100,000	\$1,050,000
MUNICIPAL WATER SUPPLY TOTAL					\$1,938,578	\$128,729,373	\$33,512,897	\$62,720,311	\$226,901,159
ALL PROJECTS TOTAL					\$29,445,978	\$913,416,086	\$45,791,802	\$523,393,152	\$1,512,047,018