2023 EXECUTIVE SUMMARY WATER DEVELOPMENT PLAN

CHECK OUT the Dashboard!

www.dwr.nd.gov

JUNE 2023

419 Project Forms Submitted

8 Commissioner Hosted Basin Meetings

$1.7B Total Needs Identified

$621.6M Senate Bill 2020

Those involved in water project development know that existing projects evolve, and new projects are continuously being considered by local water managers. For that reason, it is necessary for the state to assemble updated water project information on a biennial basis to coincide with the state's budget cycles. In the past, the Department of Water Resources (DWR) has produced and printed that information in a detailed Water Development Plan. Today, DWR and the State Water Commission are providing that same information electronically through a Water Development Plan Dashboard (Dashboard) - along with highlights included in this printed Executive Summary.

The following information outlines funding available for critical water supply, flood protection, and other general water management projects; a prioritized summary of water development financial needs that were collected directly from project sponsors; and summaries of revenue streams that support projects. In addition to the aforementioned information, the Dashboard includes large project overviews, long-term funding needs, aging water supply infrastructure survey results, current purpose funding tracking, and more!

WATER DEVELOPMENT GOALS & PRIORITIES

GOAL 1

Improve resiliency and protect North Dakota's citizens and economy from negative water-related impacts.

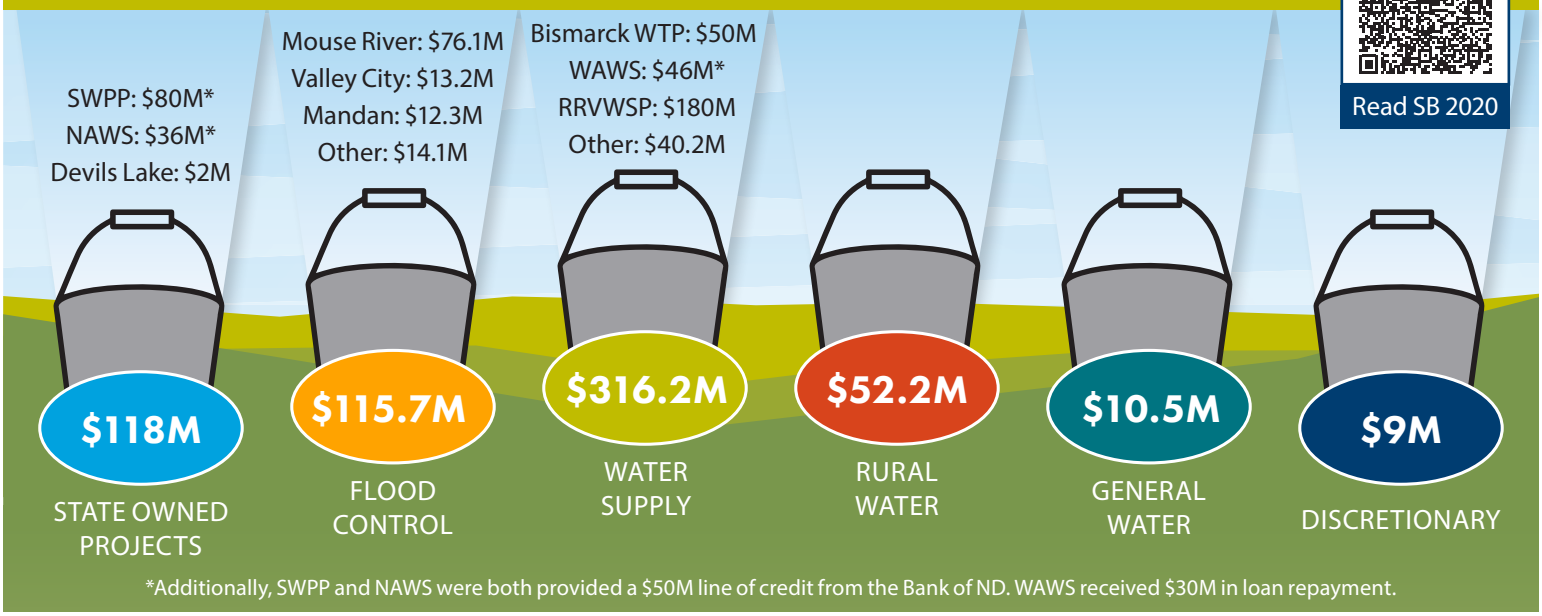
GOAL 2

Improve resiliency and provide safe and reliable water supplies for the health and prosperity of North Dakota's citizens and economy.

Each Goal has associated high priority initiatives that can be viewed on the Dashboard.

SENATE BILL 2020: 2023-2025 DWR PROJECT & PURPOSE FUNDING APPROPRIATION

Read SB 2020



*Additionally, SWPP and NAWS were both provided a $50M line of credit from the Bank of ND. WAWS received $30M in loan repayment.

Northwest Area Water Supply (NAWS) | Southwest Pipeline Project (SWPP) | Red River Valley Water Supply Project (RRVWSP) | Western Area Water Supply (WAWS)

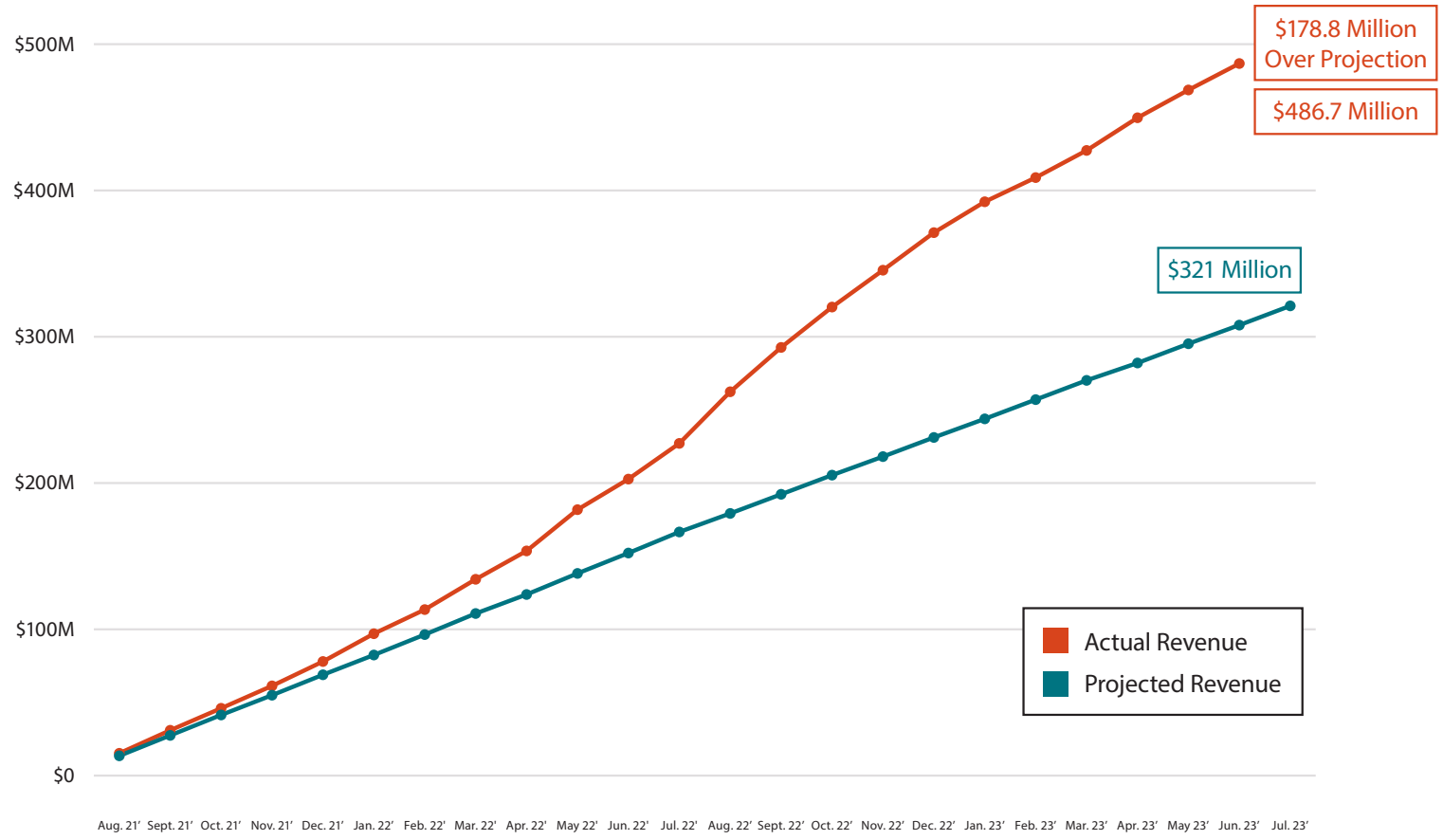
2023-2025 PROJECT FINANCIAL NEEDS SUMMARY
(ESTIMATED DWR SHARE)

PROJECT PURPOSES	WATER DEVELOPMENT PLAN INVENTORY PROJECT NEEDS		
	High Priority	Moderate Priority	Low Priority
Flood Control (Total = $210M)	$121.1	$47.2	$42.4
F-M Area Diversion	-	-	-
Mandan Flood Risk Reduction	$12.3	-	-
Mouse River Enhanced Flood Protection	$76.1	-	-
Other Flood Control	$19.5	$0.7	$0.2
Valley City Permanent Flood Protection	$13.2	-	-
Water Conveyance	$0.0	$46.5	$42.2
General Water Management (Total = $48.1M)	$2.5	$42.4	$3.2
Rural Water Supply (Total = $109.7M)	$13.7	$18.8	$77.2
Water Supply (Total = $679.9M)	$467.9	$1.6	$210.4
Municipal Water Supply	$0.0	$1.6	$210.4
Northwest Area Water Supply	$36.0	-	-
Red River Valley Water Supply	$254.3	-	-
Southwest Pipeline Project	$131.6	-	-
Western Area Water Supply	$46.0	-	-
TOTAL ($1.05B)	**$605**	**$110**	**$333**

DESCRIPTION OF FINANCIAL NEED: 2023-2025
Heart River Flood Control (Mandan), Mouse River Enhanced Flood Protection, Other Flood Control, Valley City Permanent Flood Protection, and Water Conveyance.
Total state commitment of $850M addressed during 2021 Legislative session with $435.5M provided through HB 1431.
Floodwall replacement, levee raises, and interior drainage improvements.
Funding scenario based on $76.1M over 5 biennia. Includes property acquisitions in Minot and rural areas, additional levee design, and construction on the Maple Diversion and in-town levees.
Community flood protection projects, levee certifications, flood reduction studies, and rural ring dikes.
Phase 6 - Permanent concrete flood walls, removable flood walls, clay levees, storm water pump stations, and bioengineered stream bank restorations.
New drainage, drainage improvements, bank stabilizations, and snagging and clearing.
Dam remediations, repurposing, rehabilitations, and repairs; irrigation; watershed plans; and water retention and detention.
Community regionalizations, system expansions, storage improvements, transmission line installations, and water treatment plant (WTP) improvements.
Municipal water supply projects, Northwest Area Water Supply, Red River Valley Water Supply, Southwest Pipeline Project, and Western Area Water Supply.
Water distribution, storage, and treatment expansions; improvements; and replacements.
Intake Contract II, Bottineau and Souris Reservoirs and Pump Stations, In-line Booster Pump Stations, Minot WTP Phase III, Raw Water Line Initialization, and Biota WTP Phase II.
Pipeline construction, Eastern North Dakota Alternative Water Supply design, McClusky Canal Intake preliminary design, and Biota WTP and Main Pump Station design.
Strategic hydraulic improvements, WTP expansion, rural service additions, and DWR operations.
Rural water service area expansions to new users and Williston WTP expansion.

RESOURCES TRUST FUND - State funding provided through DWR for water development has historically come from several sources including the General Fund, Resources Trust Fund (RTF), and Water Development Trust Fund. Today, the primary source of funding is the RTF. The RTF is funded with 20.5 percent of revenues from the oil extraction tax.

2021-2023 RESOURCES TRUST FUND REVENUE TRACKING



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