

HB 1020 NAWS UPDATE



SENATE EDUCATION & ENVIRONMENT DIVISION

Sindhuja S.Pillai-Grinolds, P.E. - Water Development Division Director

March 11, 2025

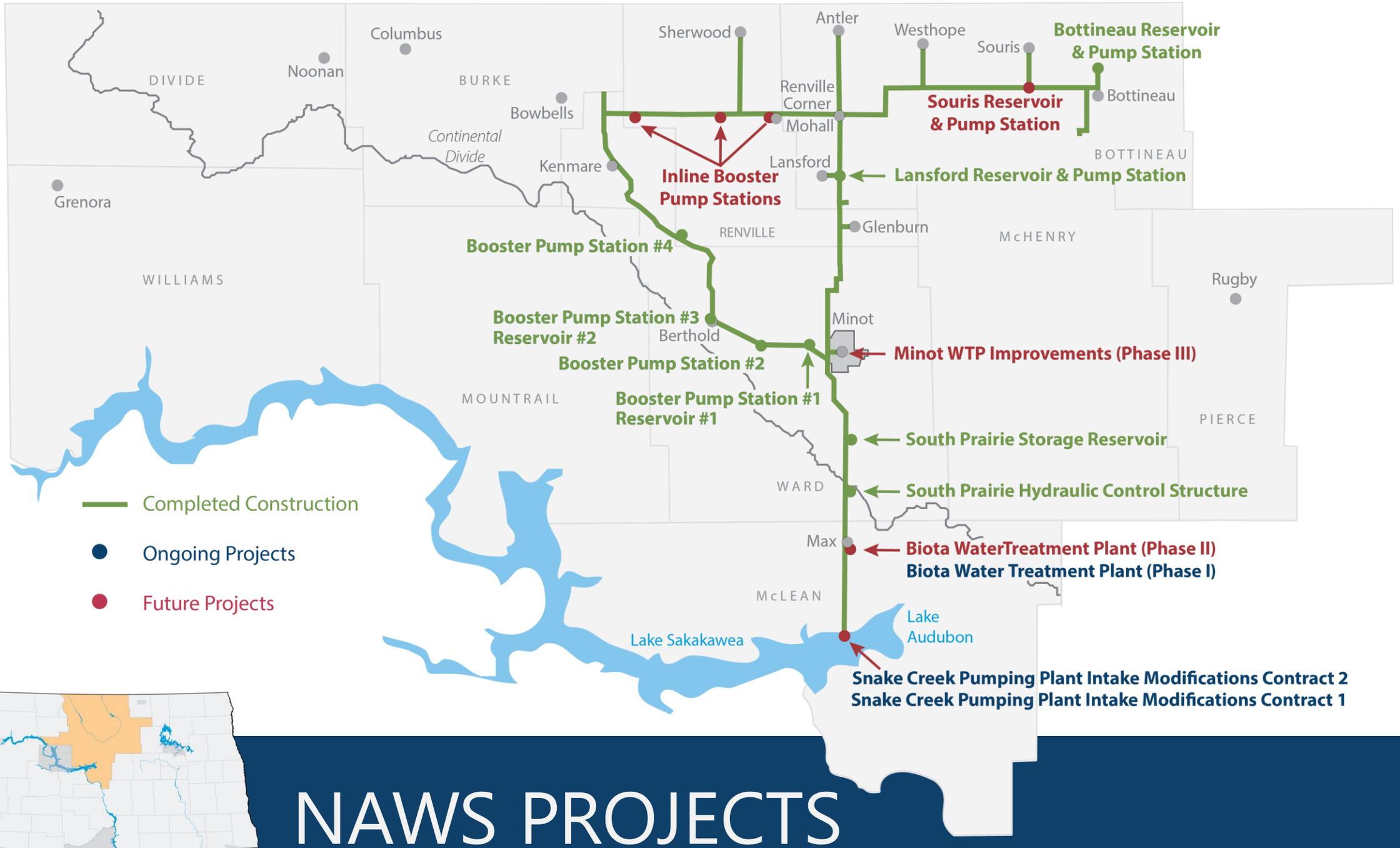
NORTH
Dakota
Be Legendary.

Water Resources



NORTHWEST AREA WATER SUPPLY (NAWS)

- **1 Of 2** State-Owned Regional Water Systems In ND
- Construction **Began In 2002**
- **Construction** Involving Missouri River Supply **Resumed** After **Years** Of Litigation
- Designed To Serve A Project Area Of **81,000 People**
- NAWS Is Owned By The State Water Commission (SWC) & Administered By The Department Of Water Resources (DWR)
- Local Share For NAWS Is Provided By City Of Minot Through The **1% Sales Tax**
- Except For The Biota Water Treatment Plant, Which Is A Federal Responsibility, City Of Minot's Sales Tax Provides **35% In Cost-Share** For NAWS
- SWC & City Of Minot **Updated & Finalized** The Financing Agreement In **2024**



2023-2025 PROGRESS



Snake Creek

SCPP - Intake Modifications

ONGOING

South Prairie Reservoir &
Hydraulic Control Structure

COMPLETE

Discharge Pipeline

ONGOING



2023-2025 PROGRESS

Biota WTP Phase I

ONGOING

Pressure Reducing Station &
Isolation Vault Improvements

ONGOING

Minot Phase II Expansion

COMPLETE



2023-2025 PROGRESS

Bottineau Reservoir

COMPLETE

Pump Station

COMPLETE

LAKE WATER DELIVERY TIMELINE

	Start Date	Completion Date On Contract	Expected Completion Date	2022	2023	2024	2025
Biota Water Treatment Plant Schedule	12/17/20	12/4/24	2025				
Snake Creek Pumping Plant Schedule	11/17/22	7/30/24	7/31/25				
Procurement Contract (Delivery)	11/17/22	3/1/24	3/1/25				
Demolition Contract	12/1/22	4/14/24	12/20/24				
Construction Contract	1/18/23	7/30/24	Fall 2025				
Discharge Pipeline	6/6/23	6/30/24	5/15/25				
NAWS Permanent Intake	6/1/25		6/30/27				



2023-2025 REMAINING PROJECT

Permanent Intake Pipeline
& Intake Screen Structure

USACE Permit Application
Submitted October 2024

Permit Timeline
May 2025 (Expected)

Bidding Timeline
June 2025 (Expected)



Biota Water Treatment Plant



REMAINING PROJECTS

Minot Water Phase III

Inline Booster Pump Stations

Souris Reservoir & Pump Station

Biota WTP Phase II

PROJECT FUNDING NEEDS

2025-2027 BIENNIUM EXECUTIVE BUDGET



Total New Authority Request For 2025-2027
\$107 Million

\$12.7 Million - Resources Trust Fund

\$52.1 Million - City Of Minot, Sales Tax Fund

\$42.2 Million - Federal

NAWS RESOURCES

Reice Haase

Director, Department of Water Resources

Sindhuja S. Pillai-Grinolds

Water Development Division Director

Travis Johnson

NAWS Project Manager

Perry Weiner

Water Resource Senior Manager

Clint Cogdill

Engineering Technician - Distribution Operator

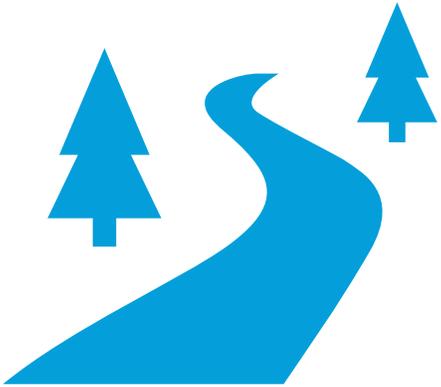
Brandon Weist

Temporary Team Member

PROJECT FEATURES

242 Miles

Treated Water
Distribution



5.5 Hours

Travel Time
To Cover Full
Distribution



38

Facilities



~500

Appurtenances



FTE REQUEST -NAWS OPERATOR

Paid By Water Rates

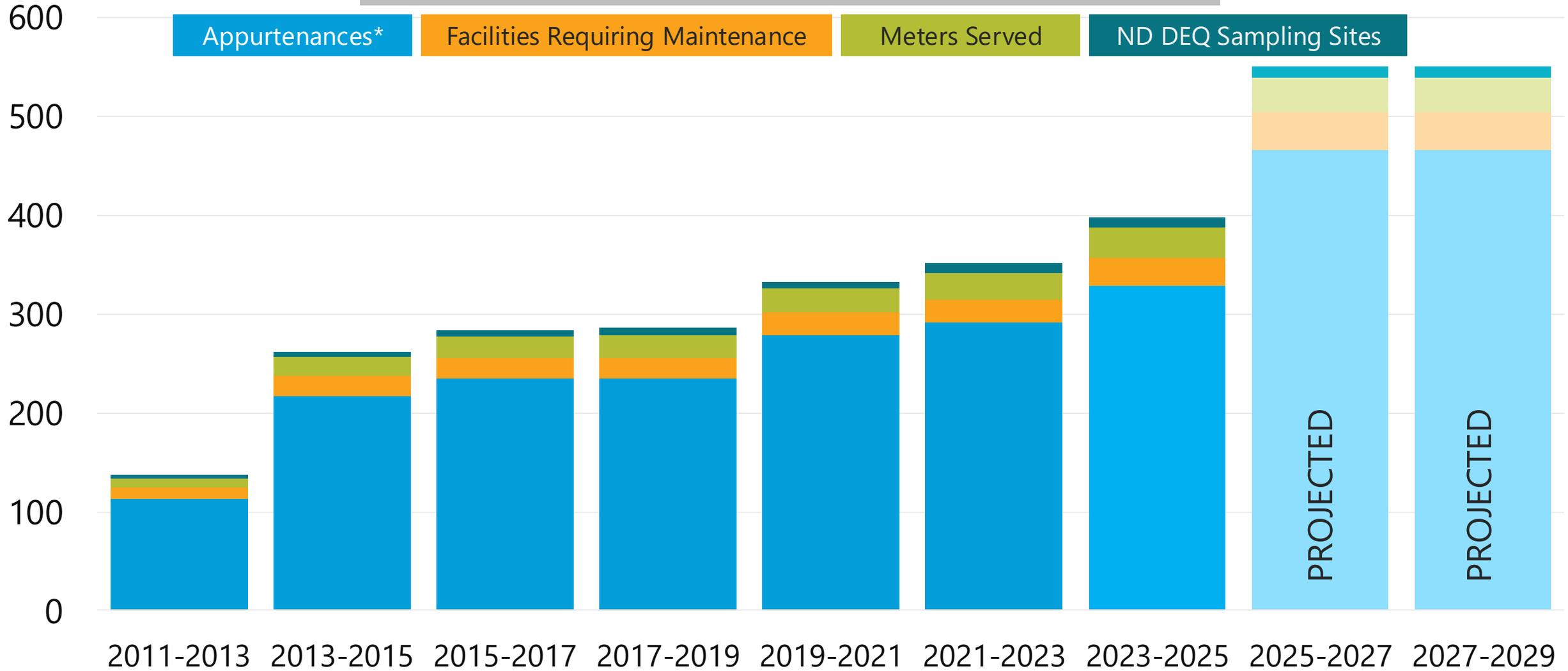
LOCATIONS WITH OPERATOR RESPONSIBILITIES

Appurtenances*

Facilities Requiring Maintenance

Meters Served

ND DEQ Sampling Sites

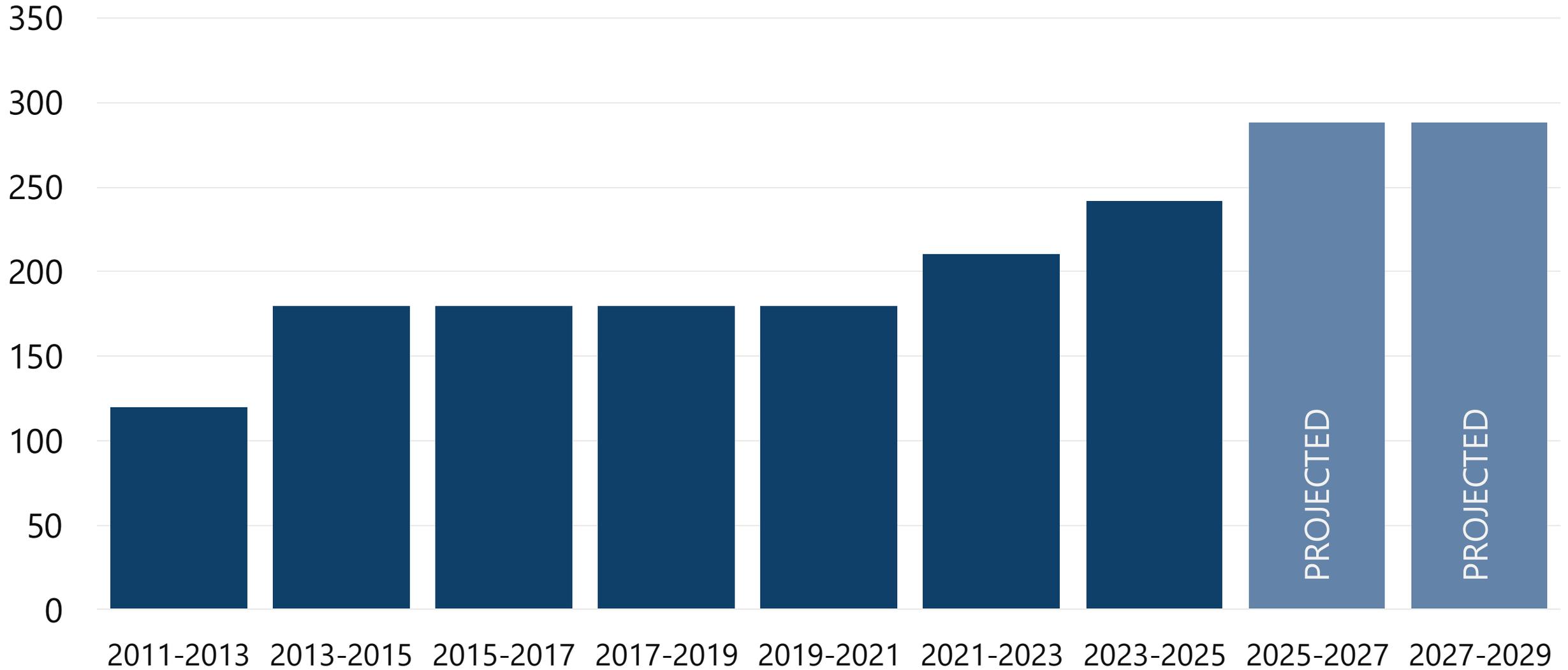


PROJECTED

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* Supply line from Lake Sakakawea to Minot will likely begin operations near the end of the 23-25 biennium which will add 46 miles of pipeline and numerous additional facilities.

MILES OF PIPELINE IN SERVICE



* Supply line from Lake Sakakawea to Minot will likely begin operations near the end of the 23-25 biennium which will add 46 miles of pipeline and numerous additional facilities.

NAWS RESOURCES

Current FTES At DWR

NAWS Project Manager

Engineering Technician

Water Resource Senior Manager

HB 1020

Includes 1 Additional FTE Request For NAWS Operator



THANK YOU



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dwr.nd.gov



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