



DEPARTMENT OF WATER RESOURCES 2023-2025 OPTIONAL REQUESTS

The following is a summary of optional requests included in the 2023-2025 Executive Budget recommendation. More detailed descriptions are available through the Budget Development Tracking System or by contacting DWR staff (see below).

DEPARTMENT OF WATER RESOURCES STAFF



\$773,062

3 FULL TIME EQUIVALENTS (FTE)

To significantly reduce delays so constituents receive permits and water appropriations in a timelier manner.

- » Regulatory Division
- » Water Appropriation
- » PRESENS System Support



\$170,000

1 FULL TIME TEMP

Northwest Area Water Supply (NAWS) - To ensure streamlined operation of the NAWS system as DWR works to partner with Minot in operating the biota water treatment plant and completing projects necessary to receive and distribute water from Lake Sakakawea.



\$80,000

PROFESSIONAL DEVELOPMENT

To support mentoring and training of water appropriation staff in positions that require high levels of technical expertise, and that in recent years have experienced high turnover rates.



\$61,609

FULL TIME TEMP BENEFITS

To provide a full benefits package to DWR's Silver Jackets Program Coordinator - who for years has been a long-term temporary employee.

TECHNOLOGY & INNOVATION

\$5,615,764

IT STANDARDIZATION, APPLICATIONS & SECURITY

To consolidate and standardize IT services under one umbrella, and to support ongoing costs for services and management to include: file services, computational infrastructure for scientific applications, big data development/production for various data types, big data administrative costs, costs associated with additional FTE for ITD, ITD business analysis, ITD project management, and ITD project oversight.

\$1,572,800

PRESENS (PUSHING REMOTE SENSORS) INSTALLATIONS & TEMP SALARIES

To expand the PRESENS footprint and data collection types/sensors to improve forecasting, modeling, and overall water management - at a fraction of the cost of traditional data collection methods.

\$750,000

AEM (AIRBORNE ELECTROMAGNETIC SURVEYS)

To expand use of AEM technology to better understand the extent and availability of ground water, particularly in glaciated regions - at a fraction of the cost of traditional methods.

\$94,665

GROUNDWATER MODELING & HYDROLOGIC ANALYSIS SOFTWARE

To acquire advanced software for purposes of performing many of the scientific analytical functions and related modeling activities in support of DWR's water appropriation responsibilities.

INFLATIONARY COST INCREASES

MOTOR POOL RATE INCREASES

To address inflation impacting current travel expenses. Motor Pool announced increased rates moving forward that represent an average increase across the vehicle fleet of 10% and 15%.

\$118,180

DRILLING SUPPLY COST INCREASES

To maintain ongoing drilling operations and to account for increasing costs related to drilling mud, cement, and PVC pipe.

\$180,000

EQUIPMENT & OFFICE

\$1,800,000

BOWMAN RADAR

To replace the original Bowman radar system to provide enhanced surveillance and ensure the capability of continual operations long into the future. The Bowman radar has filled a gap in radar coverage in southwest North Dakota since 1997 - using 1970s equipment.

\$1,800,000

DRILLING RIG

To replace DWR's 15-year old drill rig with a top-head drive drilling rig that provides finer control over the drilling operation and safety features that are superior to the current drill rig.

\$200,000

OFFICE MODIFICATIONS

DWR was required to evacuate the State Office Building due to environmental hazards. Funding is requested to address office modifications that may be necessary at the agency's current long-term, yet potentially temporary location.

FEDERAL FUNDING AUTHORITY

\$100,000



ND RISKMAP (RISK ASSESSMENT MAPSERVICE)

To address federal spending authority increase projections related to RiskMAP. RiskMAP was developed in-house and allows users to zoom in and visually display current flood risks.

STUDY/ANALYSIS

\$180,000



NAVIGABILITY STUDY

To support a study involving navigability determinations for the Red, Missouri, Yellowstone, Bois de Sioux, and Mouse Rivers, and Upper Des Lacs Lake as directed by HB 1202 (66th Legislative Assembly). Due to staff time limitations, little movement has been achieved on this effort since 2019.

CONTACT US



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