



2021 UPDATE

STRATEGIC PLAN

The following agency Vision, Mission, Philosophy and Values, Goals, and Agency Priorities make up our Strategic Plan update. These elements collectively provide direction, and clearly articulate where the agency will prioritize, or reprioritize efforts during the 2021-2023, and future biennia.

As members of Team North Dakota, we are also deliberately working toward our shared purpose to: Empower People, Improve Lives, and Inspire Success. And to actively support North Dakota's five strategic initiatives – Reinventing Government, Behavioral Health and Addiction, Tribal Partnerships, Transforming Education, and Main Street Initiative.

MISSION

To improve the quality of life and strengthen the economy of North Dakota by managing the water resources of the state for the benefit of its people.

VISION

Present and future generations of North Dakotans will enjoy an adequate supply of good quality water for people, agriculture, industry, and fish and wildlife; Missouri River water will be put to beneficial use through its distribution across the state to meet ever increasing water supply and quality needs; and successful management and development of North Dakota's water resources will ensure health, safety, and prosperity, and balance the needs of generations to come.

PHILOSOPHY & VALUES

In the delivery of services to the citizens of North Dakota, we the employees of the State Water Commission and the Office of the State Engineer value fairness, objectivity, accountability, responsiveness, and credibility. We pledge to use professional and scientific methods to maintain only the highest of standards in our delivery of services to our constituents.

1 GOAL PROMOTE DEVELOPMENT AND INVESTMENT IN WATER RESOURCE PROJECTS.



EMPOWER PEOPLE

2 GOAL UTILIZE TECHNOLOGY AND EDUCATION TO INCREASE OUR UNDERSTANDING FOR THE IMPROVED MANAGEMENT OF THE STATE'S WATER RESOURCES.



IMPROVE LIVES

3 GOAL CONTINUE OUR STRONG COMMITMENT TO SUSTAINABLE WATER MANAGEMENT.



INSPIRE SUCCESS

AGENCY PRIORITIES FOR GOAL ACHIEVEMENT	REINVENTING GOVERNMENT	BEHAVIORAL HEALTH & ADDICTION	TRIBAL ENGAGEMENT	TRANSFORMING EDUCATION	MAIN STREET	AGENCY GOAL(S) ADDRESSED
Expand the PRESENS initiative to a fully integrated solution for hydrologic data collection.	X					2,3
Expand PRESENS utility to include atmospheric sensors, soil moisture, & soil temperature.	X					2,3
Implement the 2021 Water Development Plan with continued emphasis on short and long-term planning horizons.	X		X		X	1
Improve and promote NDRAM and utilize floodplain management education to realize a more flood risk informed and resilient North Dakota.	X			X	X	2
Expand NDRAM capabilities by incorporating structure-by-structure data, damage assessments, and life/safety risk.	X			X	X	2
Maintain and operate the Devils Lake Outlets and Tolna Coulee Control Structure.					X	1
Continue improving automation of warnings, alerts, and pending regulatory actions.	X					2,3
Continue implementation of Economic Analysis and Life Cycle Cost Analysis processes to support efficient allocation of state investments in water infrastructure.	X				X	1
Improve agency automation of financial reporting.	X					2
Encourage staff to improve and grow through educational opportunities.	X	X	X	X	X	1,2,3
Implement and encourage cross training and succession planning for long-term agency health and operational efficiencies.	X					1,2,3
Broaden assessments of cloud seeding efficacy through new scientific methods.	X					2,3
Upgrade the Bowman radar to dual polarization technology.	X					2,3
Assist public entities with hydrologic and hydraulic technical support and maintain/repair water resource facilities with engineering and construction support.	X				X	3
Enhance data analysis tools, including use of AI to leverage available data and collection technology for improved water management.	X					2,3
Develop and implement an e-application for cost-share submittals.	X				X	1,2
Collaborate with partner agencies toward advancement of a "single portal e-application" for a collaborative approach to state funding of projects.	X				X	1,2
Deliver Missouri River water to Minot and north central North Dakota via NAWS with potential service to Turtle Mountain Band of Chippewa.			X		X	1,2,3
Complete construction on the new Southwest Pipeline Project intake at Lake Sakakawea.					X	1
Utilize Airborne Electromagnetic Survey technology to further delineate ground water sources.	X				X	2,3
Continue efforts toward resolution of tribal water rights.			X			3
Collaborate with the Governor's Office, Legislature, and Water Commission members towards fundamental cost-share and prioritization policy changes.	X					1,2,3



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