

PHASE 1

NAWS BIOTA WATER TREATMENT PLANT

Primary purpose is Boundary Waters Treaty Act compliance.

- Cost is a federal responsibility per Dakota Water Resource Act of 2000 (both capital and operations).
- Construction is being federally funded through Garrison Diversion Unit Municipal, Rural & Industrial grant program.

Bids were opened in December 2020 and the contracts were awarded in February 2021.

- General construction was awarded to Stanek Constructors in the amount of \$37.8 million.
- Mechanical construction was awarded to Mowbray and Sons in the amount of \$4.9 million.
- Electrical construction was awarded to Main Electric in the amount of \$6.6 million.

The contract has a substantial completion date of December 2023 and a Final Completion date of June 2024.

UV and DAF equipment have been procured through separate procurement contracts for \$707,125 and \$1.85 million, respectively.

12.25
MGD Capacity

\$64M
Estimated Phase I Cost

2024
Phase 1 Completion

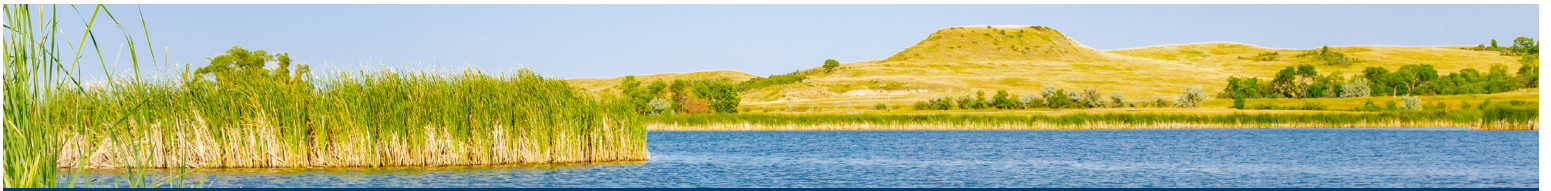
\$95M
Federal Obligation
(Phases I, II, & III)

 701.328.2750

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FEATURES

NAWS BIOTA WATER TREATMENT PLANT

FEATURES

The treatment process includes clarification through flocculation and dissolved air flotation, dual media filtration, UV disinfection, and chemical disinfection through with chlorine converted to chloramine.

Freeze-thaw lagoons will be used for solids residual handling (sludge from the clarification process).

Includes a shop building for storing equipment for building and grounds maintenance as well as staging delivered process equipment during construction of Phase I and Phase II/III.

FLOCCULATION

FREEZE-THAW

SHOP

MANAGEMENT

NAWS BIOTA WATER TREATMENT PLANT

MANAGEMENT

The operational objectives were established in the 2015 SEIS and ROD and will be monitored and refined through an Adaptive Management Plan overseen by the Adaptive Management Team, which consists of representatives from multiple stakeholders including the North Dakota State Water Commission.



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