

Leonard Water Treatment Plant
Construction Information

FAST FACTS:

16,641
SURFACE ACRES, OR APPROXIMATELY 26 SQUARE MILES

FIRM YIELD OF
108 MILLION
GALLONS PER DAY

ESTIMATED COST OF
$1.6 BILLION

BOOST TO
LOCAL ECONOMY & RECREATIONAL OPPORTUNITIES

OWNED AND OPERATED BY
NORTH TEXAS MUNICIPAL WATER DISTRICT

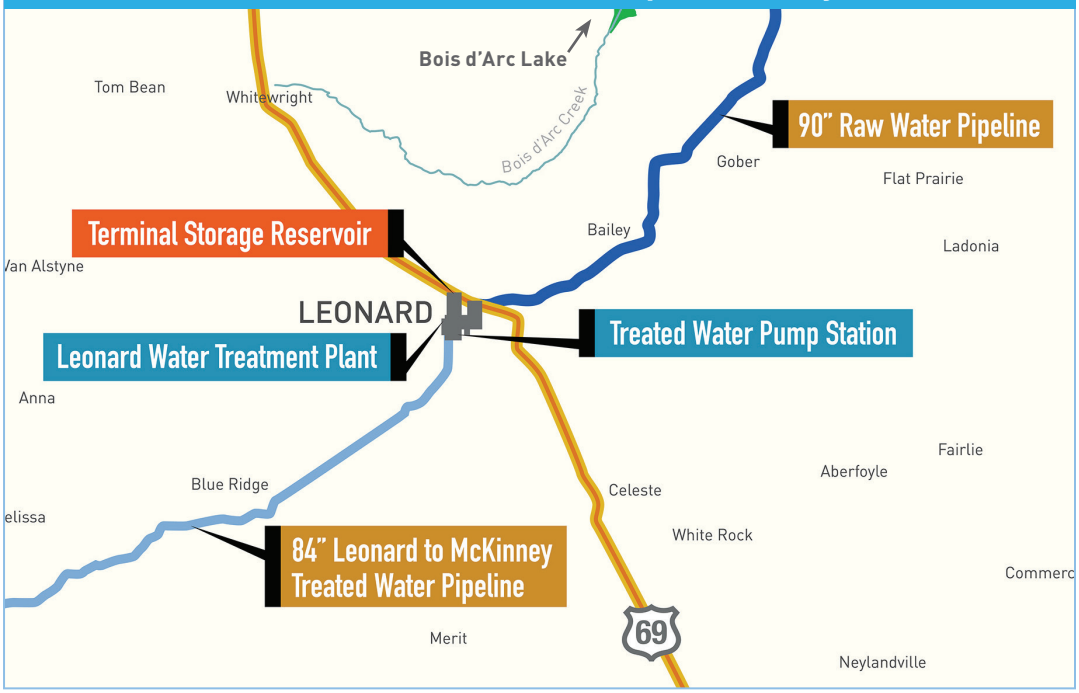
Bois d'Arc Lake Project Contact:

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The Bois d'Arc Lake project is currently under construction by the North Texas Municipal Water District (NTMWD). It will provide a critical new source of water for about 80 North Texas communities expected to double in population by 2050. Water from Bois d'Arc Lake will be treated at a new treatment facility under construction in Leonard needed to serve the northern portion of NTMWD's service area.

Leonard Water Treatment Plant and Pipelines Project Overview



The Leonard Water Treatment Plant will be located on approximately 1,000 acres just west of the city of Leonard on County Road 4965. Construction started in fall of 2018 and will require up to 500 workers to complete by 2022. Construction during Phase I includes a 210-million-gallon terminal storage reservoir and a high service pump station initially capable of pumping 90 million gallons daily (MGD).

Additional work includes creating access roads to the site, connecting power and water, and building maintenance facilities. Initially, the water treatment plant will be capable of cleaning up to 70 MGD. Future site additions include expanding the treatment capability to 280 MGD, constructing a second 210-million-gallon terminal storage reservoir and adding a second high service pump station for a total pumping capacity of 330 MGD. For job opportunities during construction, visit www.BoisdArcLake.org.

Total anticipated costs of the treatment plant and its pump station are approximately $356 million of the total $1.6 billion for Bois d'Arc Lake and its related projects.

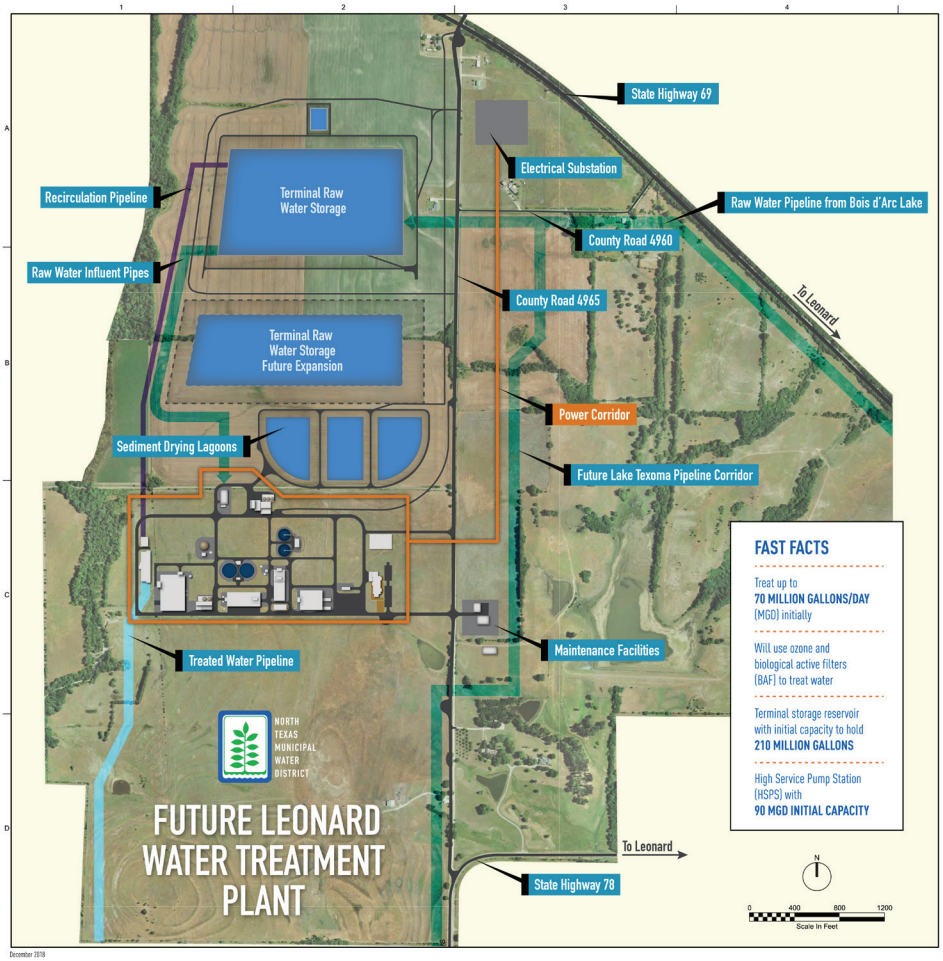
For more information or to sign up for regular e-newsletter updates on our activities and progress visit **www.BoisdArcLake.org**

July 2021

Treatment and Delivery

Raw water will be transferred from the new lake 35 miles southwest to the treatment plant where it will be cleaned to meet federal and state drinking water standards. The Leonard Water Treatment Plant will use a five-step water treatment process very similar to the one at the District's Wylie Water Treatment Plant. It will include the latest in treatment technology, including ozone disinfection treatment and biologically active filtration facilities. When operational, the plant will require 20-30 permanent staff positions.

When it is initially completed in 2022, the Leonard Treated Water Pump Station (housed at the treatment plant site) will use six massive pumps to move up to 70 million gallons of treated water per day. This treated water will travel through 25 miles of new pipe before distribution to cities via NTMWD's existing system. Future additions are also planned to increase this amount to a maximum of around 280 million gallons per day.



What to Expect During Construction

NTMWD and its contractors are committed to working with Fannin County, the city of Leonard and surrounding residents and communities as we complete the construction of the Leonard Water Treatment Plant.

Safety is our number one priority. The District and its contractors will communicate with local residents and clearly identify our work boundaries for public safety.

Construction often involves bringing heavy equipment and materials to our work sites, and local residents may notice increased traffic on TX 78 and US 69 during our work on the plant. **NTMWD and its contractors will work to mitigate traffic as well as any noise and dust impacts and appreciate the public's understanding during the construction process.**

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