BOIS D'ARC LAKE

Bois d'Arc Lake

From Lake to Tap

DAM AND INTAKE STRUCTURE
A 90-foot-tall, two-mile-long dam will collect water in the reservoir before the lake's 110-foot-tall intake tower transfers it to the raw water pump station.

BOIS d'ARC LAKE
Bois d'Arc Creek, Honey Grove Creek and the remaining Bois d'Arc Lake watershed will fill Bois d'Arc Lake 22 feet deep (on average) with 367,609 acre-feet of water.

1

2

3

RAW WATER PIPELINE
The raw (or untreated) lake water will travel 35 miles in a 90-inch pipe to a 210-million-gallon (70-acre) storage reservoir at a new water treatment plant in Leonard.

4

RAW WATER PUMPING STATION
The water pump station will house nine pumps in a building roughly the size of a football field with the ability to move up to 236 million gallons of water each day.

WATER TREATMENT PLANT
The Leonard Water Treatment Plant will initially clean up to 70 million gallons of water each day.

5

MEMBER AND CUSTOMER CITIES
The water will be distributed through the NTMWD regional water system to member and customer communities across 2,200 square miles.

7

TREATED WATER PIPELINE
The clean water will travel approximately 25 miles through a new 84-inch pipe that will be added to the existing regional system.

6

January 2019