

Lake Palestine Blackburn Crossing Dam

Normal Pool Elevation.....	345' msl
Spillway Crest.....	345' msl
Top of Embankment (Dam).....	364' msl
Dam Length	5,720 feet
Height Above Streambed.....	70 feet
Width of Dam at Crown.....	24 feet
Spillway Length Uncontrolled.....	500 feet
Outlet Works – Tower Tunnel Gate Controlled	8.5' diameter
Reservoir Capacity*	412,000 acre feet
Surface Acres	25,500 acres
Yield.....	238,100 acre-feet per year
Shoreline Length.....	135 miles
Length of Reservoir	18 miles
Maximum Width.....	4 miles
Maximum Depth	50 feet
Average Depth	16.25 feet
Construction of Dam Commenced.....	September 1969
Construction of Dam Completed	March 1971
Reservoir Filled to Capacity	February 7, 1973

The City of Palestine has a water contract for 25 million gallons of water per day. The Authority built a channel dam, 13 miles of pipeline and a water treatment plant for the City, which the City operates.

The City of Tyler has a water contract for 60 million gallons of water per day.

The City of Dallas has a water contract for 102 million gallons of water per day.

***Acre Foot = 325,850 gallons**