

Millers Creek Dam and Millers Creek Reservoir

OWNER

North Central Texas Municipal Water Authority.

ENGINEER

Freese, Nichols and Endress.

LOCATION

On Millers Creek in Baylor County, 9 miles southeast of Goree.

DRAINAGE AREA

228 square miles.

DAM

Type	Earthfill
Length main dam	9,250 ft
Maximum height	75 ft
Top width	20 ft
Top elevation	1,355.0 ft above msl

SPILLWAY (emergency)

Location	Upstream from left end of the dam
Type	Uncontrolled
Crest length	3,000 ft
Crest elevation	1,340.0 ft above msl

SPILLWAY (service)

Location	Near right end of the dam
Type	Uncontrolled drop inlet
Crest elevation	1,331.0 ft above msl
Outlet	Concrete conduit, 5 by 5 ft

OUTLET (low flow)

Type	Concrete pipe 18-inch diameter
Invert elevation	1,305.0 ft above msl
Control	Two valves, from top of the dam
Discharge	To service spillway conduit

STATE AUTHORIZATION

Permit No. 1995 (Application No. 2190), October 3, 1961, authorizes construction of a dam to create a reservoir of 25,520 acre-feet and annual diversion of 3,500 acre-feet for municipal use, 1,000 acre-feet for industrial purposes, and 500 acre-feet for mining use.

RESERVOIR DATA

Capacity	25,520 acre-feet at elevation 1,331.0 ft above msl
Area	1,900 acres at elevation 1,331.0 ft above msl

Water will be pumped from the lake for municipal use.

GENERAL

Under construction in 1972	
General contractor	J. H. Strain and Sons
Estimated cost of the dam	\$1,205,000

