

Ferrells Bridge Dam and Lake O' the Pines

OWNER

The U.S. Government. Operated by the U.S. Army Corps of Engineers, New Orleans District.

ENGINEER

U.S. Army Corps of Engineers, New Orleans District.

LOCATION

On Cypress Creek in Marion County, 9 miles west of Jefferson.

DRAINAGE AREA

880 square miles.

DAM

Type Earthfill
Length 10,600 ft
Maximum height 97 ft
Top width 30 ft

SPILLWAY

Crest elevation 249.5 ft above msl
Length 200.0 ft
Type Concrete chute

OUTLET WORKS

Type 2 conduits, each 10.0-ft diameter
Invert elevation 200.0 ft above msl
Control 2 gates, each 8 by 12.5 ft

POWER FEATURES

None

AUTHORIZATION

Federal: Flood Control Act of July 24, 1946.
State: Permit No. 1897 (Application No. 2065), November 22, 1957, to Northeast Texas Municipal Water District authorizes 250,000 acre-feet of storage and annual use of 42,000 acre-feet of water for municipal use and 161,800 acre-feet for industrial purposes.

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	277.0	—	—
Top of surcharge pool	269.9	1,856,000	63,200
Top of flood control pool	249.5	842,100	38,200
Top of water supply pool	228.5	254,900	18,700
Top of conservation pool	201.0	3,800	1,060
Invert of conduit	200.0	2,860	826
Streambed	180.0	—	—
Maximum tailwater	214.4	—	—
Usable storage	—	252,040	—

GENERAL

Construction started January 10, 1955
Construction completed June 25, 1958
(dam and appurtenances)
Impoundment of water began August 21, 1957
Official operation December 11, 1959
General contractor Potashnick Construction Co., Inc.
Project cost \$13,405,475 (June 1971)

