

**Fort Sherman Dam and Lake Bob Sandlin**

**OWNER**

Titus County Fresh Water Supply District No. 1, 33.3 percent.  
Texas Water Development Board 66.7 percent.

**ENGINEER (Design)**

URS/Forrest and Cotton, Inc.

**LOCATION**

On Big Cypress Creek in Wood, Titus, Franklin, and Camp Counties, 5 miles southwest of Mount Pleasant.

**DRAINAGE AREA**

Total area above the dam is 239 square miles.

**DAM**

Type	Earthfill
Length (total)	10,800 ft
Maximum height	69 ft
Top width	25 ft
Top elevation	349.0 ft above msl

**SPILLWAY (emergency)**

Location	Near left end of the dam
Type	Uncontrolled, unpaved, broad-crested weir
Crest length	4,500 ft
Crest elevation	341.3 ft above msl

**SPILLWAY (service)**

Location	Left abutment
Type	Concrete ogee
Crest length	160 ft net
Crest elevation	316.5 ft above msl
Control	4 tainter gates, each 22.5 by 40 ft

**OUTLET (diversion)**

Type	Conduit in spillway gate pier
Invert elevation	300.0 ft above msl
Control	Sluice gate 3.5 by 6 ft

**STATE AUTHORIZATION**

Permit No. 2794 (Application No. 2966), November 13, 1972, authorized impoundment of 213,350 acre-feet and diversion of 44,000 acre-feet of water annually for municipal and industrial purposes.

**RESERVOIR DATA**

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	349.0	-	-
Maximum water (test flood)	345.6	297,490	11,310
Top tainter gates	339.0	227,774	9,797
Top conservation pool	337.5	213,350	9,460
Spillway crest	316.5	64,790	4,760
Low flow outlet	300.0	-	-
Streambed	280.0	-	-

**GENERAL**

Start of construction is estimated to be 1974. Estimated project cost is \$16,104,000 with Texas Water Development Board financing of \$10,641,000 and District financing of \$5,463,000.

