

Bastrop Dam and Lake Bastrop

OWNER

Lower Colorado River Authority.

ENGINEER (Design)

Brown and Root, Inc.

LOCATION

On Spicer Creek in Bastrop County, 3 miles northeast of Bastrop.

DRAINAGE AREA

9 square miles. Runoff is supplemented by pumping from the Colorado River.

DAM

Type Earthfill
 Length 4,000 ft
 Maximum height 85 ft
 Top width 20 ft

SPILLWAY

Type Concrete ogee weir
 Control 2 tainter gates, each 45 by 25 ft
 Crest elevation 425.0 ft above msl
 Crest length 90 ft

OUTLET WORKS

None. Use tainter gate.

STATE AUTHORIZATION

Permit No. 2054 (Application No. 2265) June 10, 1963, authorizes a dam to impound 16,590 acre-feet of water with annual use of 10,750 acre-feet for cooling purposes in a steam-electric generating plant. The permit authorizes pumping from the Colorado River when required with water released from Lake Travis under Permit No. 1260.

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	458.0	-	-
Top of tainter gates	450.0	16,590	906
Ogee spillway crest	425.0	-	-

GENERAL

Construction started May 1963
 Dam completed April 1964
 Impoundment of water began April 1964
 General contractor H. B. Zachry Company
 Estimated project cost without power \$2,107,000

