

Decker Creek Dam and Lake Walter E. Long

OWNER

City of Austin.

ENGINEER (Design)

Brown and Root, Inc.

LOCATION

On Decker Creek in Travis County, 9 miles east of the capitol building in Austin.

DRAINAGE AREA

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

DAM

Type	Earthfill
Length	6,390 ft
Maximum height	83 ft
Top Width	20 ft

SPILLWAY

Type	Concrete ogee weir
Control	2 tainter gates 45 by 25 ft
Crest elevation	530.0 ft above msl
Crest length	90 ft

STATE AUTHORIZATION

Permit No. 1379B (Application No. 1477B) December 16, 1965, authorizes dam to impound 33,940 acre-feet of water with annual use of 16,156 acre-feet mostly for cooling purposes in a steam-electric generating plant. Permit authorizes pumping from the Colorado River when make-up water is required.

RESERVOIR DATA

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	563.0	—	—
Top of tainter gates	555.0	33,940	1,269
Ogee spillway crest	530.0	11,240	589

GENERAL

Construction started	May 15, 1966
Impoundment of water began	January 1967
Dam completed	October 1967
General contractor	Amis Construction Co.
Estimated project cost (without power)	\$4,602,974

