

Kurth Dam and Lake Kurth

OWNER

Southland Paper Mills, Incorporated.

ENGINEER (Design)

Lockwood, Andrews & Newnam.

LOCATION

Off-channel project of the Angelina River in Angelina County, 8 miles north of Lufkin.

DRAINAGE AREA

4 square miles. Off-channel storage by pumping makes this unimportant.

DAM

Type	Earthfill levee
Length	8,600 ft
Average height	37 ft
Top width	16 ft
Top elevation	206± ft above msl

SPILLWAY (emergency)

Location	Near left end of the levee
Type	Drop inlet
Size	25 ft diameter
Control	None
Crest elevation	197.5 ft above msl
Outlet	3 monolithic concrete conduits, each 6 by 6 ft

OUTLET WORKS

Not required with pumped storage project.

STATE AUTHORIZATION

Permit No. 1912 (Application No. 2063), July 3, 1958, allows the construction of an off-channel lake to store 16,200 acre-feet of water and annual use of 19,100 acre-feet. In addition the company has a contract to purchase 10,000 acre-feet annually from Striker Creek Reservoir.

RESERVOIR DATA

Capacity	16,200 acre-feet at elevation 197.5 ft above msl
Area	770 acres at elevation 197.5 ft above msl
Water is pumped from the Angelina River to a 1,900 ft long canal leading to the lake.	

GENERAL

Construction started	May 26, 1959
Project completed	July 21, 1961
Pumping began	September 1961
General contractor	Brown & Root, Inc.
Estimated cost	\$2.5 Million (Approximate)

