

Upper Pecan Bayou Dam, Site 7 and Lake Clyde

**OWNER**

City of Clyde.

**ENGINEER (Design)**

U.S. Department of Agriculture, Soil Conservation Service.

**LOCATION**

On North Prong Pecan Bayou in Callahan County, 6 miles south of Clyde.

**DRAINAGE AREA**

38 square miles.

**DAM**

Type	Earthfill
Length (including spillway)	3,950 ft
Height	63 ft
Top width	20 ft
Top elevation (effective)*	1,888.9 ft above msl

**SPILLWAY (emergency)**

Location	Near left end of dam
Type	Excavated area with dikes
Control	None
Crest elevation*	1,881.4 ft above msl
Crest length	400 ft

**SPILLWAY (service)**

Type	Concrete tower
Outlet	42 inch concrete pipe
Control	None
Crest elevation*	1,872.0 ft above msl

**LOW FLOW OUTLET**

Type	Inlet filter box and 14 inch diameter pipe
Discharge	To service spillway structure
Control	Gate valve
Invert elevation*	1,842.2 ft above msl

**STATE AUTHORIZATION**

Permit No. 2154 (Application No. 2377) March 31, 1965, authorizes a dam to create a reservoir of 5,748 acre-feet capacity and to divert 1,000 acre-feet per annum for municipal purposes. Under date of March 26, 1968 the Commission extended the starting time of construction to March 31, 1969.

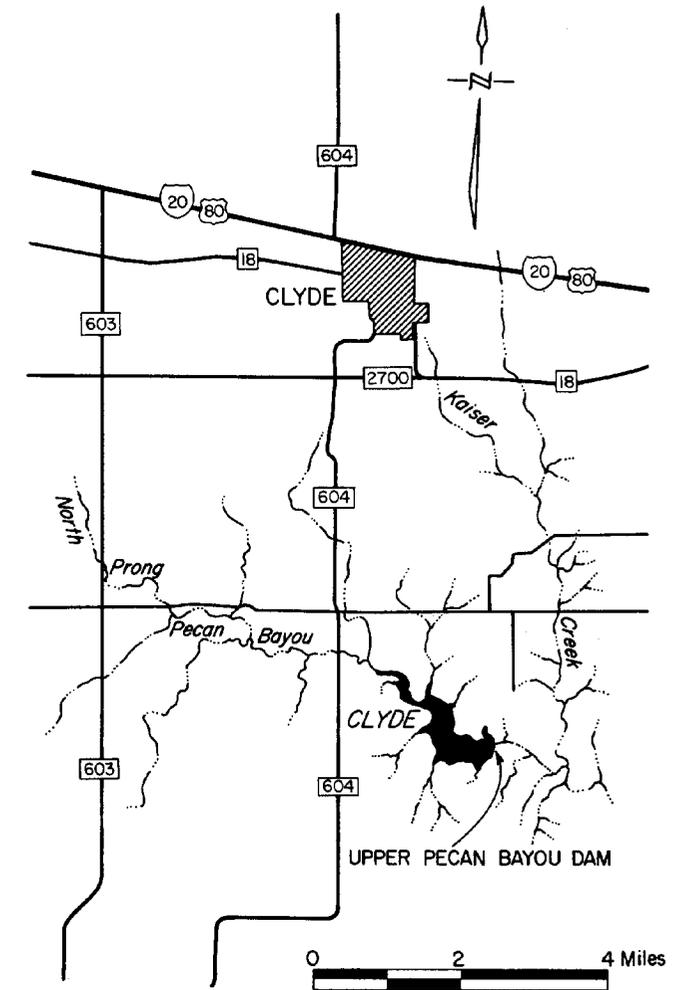
**RESERVOIR DATA**

Area	449 acres at elevation 1,872.0 ft above msl
Capacity	5,748 acre-feet at elevation 1,872.0 ft above msl
	5,000 acre-feet for temporary detention of flood-waters above elevation 1,872.0 ft above msl.

**GENERAL**

Construction started	June 6, 1969
Dam completed	April 20, 1970
Impoundment of water began	November 1969
General contractor for the dam	Ford Allen Construction Company
Estimated cost of the dam	\$270,000

\* 1.98 ft added to elevations taken from as-built drawings to agree with 1970 U.S. Geological Survey corrected mean sea level datum.



Upper Pecan Bayou Dam, Site 7 and Lake Clyde

**OWNER**

City of Clyde.

**ENGINEER (Design)**

U.S. Department of Agriculture, Soil Conservation Service.

**LOCATION**

On North Prong Pecan Bayou in Callahan County, 6 miles south of Clyde.

**DRAINAGE AREA**

38 square miles.

**DAM**

Type	Earthfill
Length (including spillway)	3,950 ft
Height	63 ft
Top width	20 ft
Top elevation (effective)*	1,888.9 ft above msl

**SPILLWAY (emergency)**

Location	Near left end of dam
Type	Excavated area with dikes
Control	None
Crest elevation*	1,881.4 ft above msl
Crest length	400 ft

**SPILLWAY (service)**

Type	Concrete tower
Outlet	42 inch concrete pipe
Control	None
Crest elevation*	1,872.0 ft above msl

**LOW FLOW OUTLET**

Type	Inlet filter box and 14 inch diameter pipe
Discharge	To service spillway structure
Control	Gate valve
Invert elevation*	1,842.2 ft above msl

**STATE AUTHORIZATION**

Permit No. 2154 (Application No. 2377) March 31, 1965, authorizes a dam to create a reservoir of 5,748 acre-feet capacity and to divert 1,000 acre-feet per annum for municipal purposes. Under date of March 26, 1968 the Commission extended the starting time of construction to March 31, 1969.

**RESERVOIR DATA**

Area	449 acres at elevation 1,872.0 ft above msl
Capacity	5,748 acre-feet at elevation 1,872.0 ft above msl 5,000 acre-feet for temporary detention of flood-waters above elevation 1,872.0 ft above msl.

**GENERAL**

Construction started	June 6, 1969
Dam completed	April 20, 1970
Impoundment of water began	November 1969
General contractor for the dam	Ford Allen Construction Company
Estimated cost of the dam	\$270,000

\* 1.98 ft added to elevations taken from as-built drawings to agree with 1970 U.S. Geological Survey corrected mean sea level datum.

