

Mud Creek Dam and Lake Tyler

This Lake was formerly called Lake Tyler East.
On May 29, 1968 it was combined with Lake Tyler

OWNER

City of Tyler.

ENGINEER (Design)

Wisembaker, Fix, and Associates.

LOCATION

On Mud Creek in Smith County, 12 miles southeast of Tyler.

DRAINAGE AREA

62 square miles.

DAM

Type Earthfill
Length 4,700 ft
Maximum height 50 ft
Top width 20 ft
Top elevation 390 to 391.5 ft above msl

SPILLWAY

Type Concrete weir
Crest control None
Crest elevation 375.38
Crest length 300 ft

OUTLET WORKS (at the dam)

Type Inlet box and concrete pipe, 18-inch diameter
Top of box elevation 350.0 ft above msl
Control Slide valve

STATE AUTHORIZATION

Permit No. 1843 (Application No. 1988), October 1, 1956, authorizes construction of a dam to create a reservoir with capacity of 44,000 acre-feet with annual diversion of 20,000 acre-feet.

GENERAL

Construction started February 11, 1966
Dam completed January 1967
Impoundment of water began November 22, 1966
Two lakes joined by a canal May 29, 1968
General contractor Vilbig Construction Company
Estimated total cost \$1,951,033

RESERVOIR DATA (Combined capacities based on 1966-67 survey by city of Tyler. Calculated by the U.S. Geological Survey.)

FEATURE	ELEVATION (FEET ABOVE MSL)	CAPACITY (ACRE-FEET)	AREA (ACRES)
Top of dam	390.0 to 391.5	—	—
Crest of spillway	375.38	80,900	4,880
Invert of upper sluice gate, Mud Creek Dam	362.0	30,420	2,780
Invert of middle sluice gate, Whitehouse Dam	356.0	16,340	1,916
Bottom of connecting canal	355.0	14,480	1,804
Invert low sluice gate intake tower	350.0	7,200	—
Invert low outlet, Mud Creek Dam	350.0	—	—
Usable capacity above	350.0	73,700	—

Information courtesy of the city of Tyler

Whitehouse Dam and Lake Tyler

This lake was combined with Lake Tyler East
May 29, 1968

OWNER

City of Tyler.

ENGINEER (Design)

T. C. Forrest (Now Forrest and Cotton, Inc.).

LOCATION

On Prairie Creek in Smith County, 12 miles southeast of Tyler.

DRAINAGE AREA

45 square miles.

DAM

Type Earthfill
Length 4,708 ft
Maximum height 50 ft±
Width 20 ft±

SPILLWAY (service)

Type Concrete chute
Crest control None
Crest elevation 375.38 ft above msl
Crest length 200 ft

OUTLET WORKS (city pumping plant)

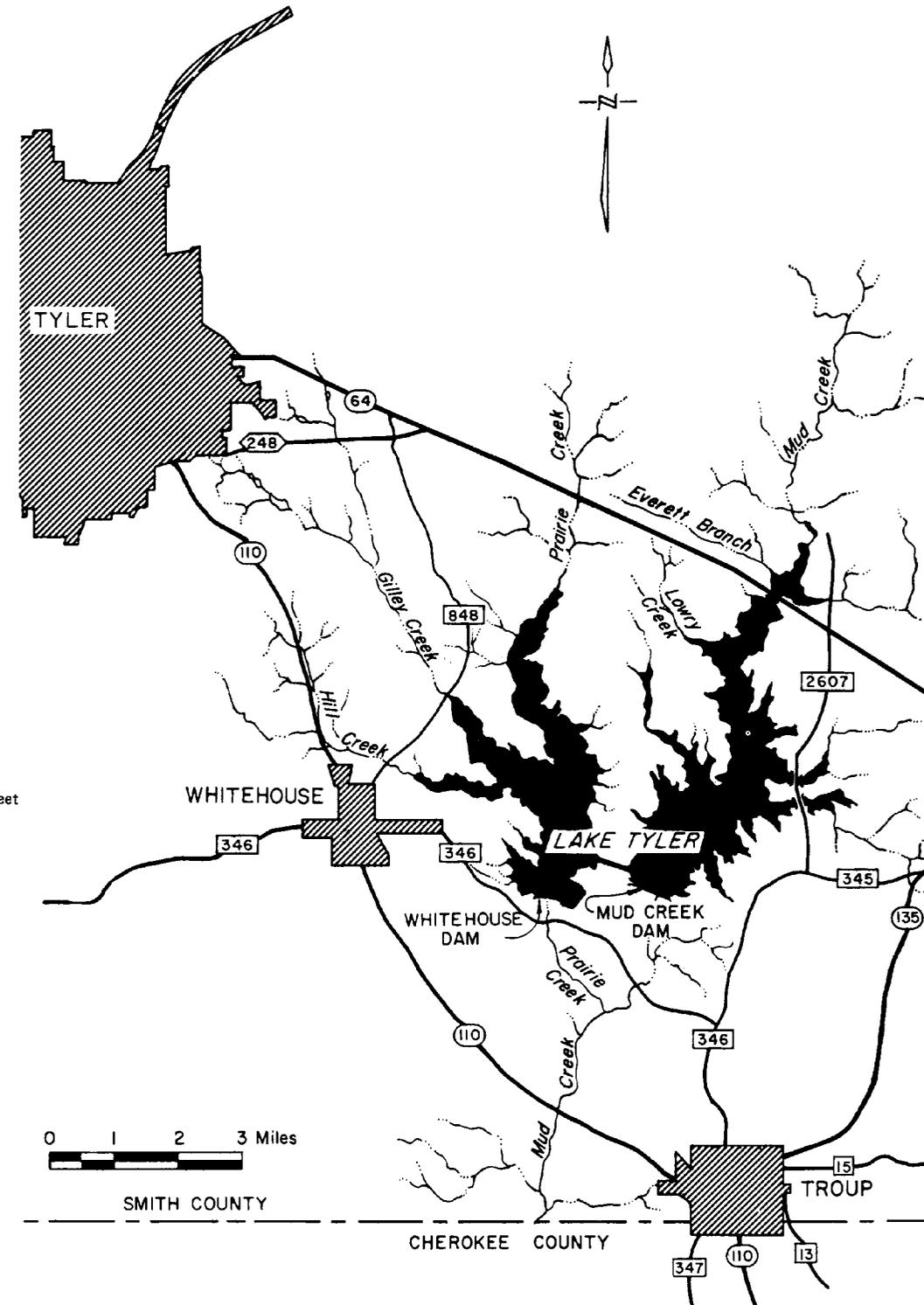
Type Intake tower 2 miles upstream
Control 3 sluice gates
Low invert elevation 350.0 ft above msl

STATE AUTHORIZATION

Permit No. 1843 (Application No. 1988) October 1, 1956, allows total diversion of 50,000 acre-feet of water annually including 20,000 acre-feet from Lake Tyler East.

GENERAL

Construction started April 30, 1948
Dam completed May 13, 1949
Impoundment of water began January 8, 1949
General contractor Caruth Construction Company
Estimated cost \$1,610,600



MUD CREEK AND WHITEHOUSE DAMS AND LAKE TYLER