

Harris Dam and Harris Reservoir

OWNER

The Dow Chemical Company.

ENGINEER (Design)

Lockwood and Andrews.

LOCATION

Off channel between the Brazos River and Oyster Creek in Brazoria County, 8 miles northwest of Angleton.

DRAINAGE AREA

None. Reservoir level is regulated by pumping from the Brazos River.

DAM

Type	Rectangular-shaped levee
Height	Varies 10 to 12 ft±
Top width	Varies 8 to 10 ft±
Top elevation	45 ft± above msl

SPILLWAY

None.

OUTLET WORKS

Water is released by gravity to Oyster Creek and flows to pumping plant.

STATE AUTHORIZATION

Permit No. 1345 (Application No. 1431) February 19, 1943, allows annual diversion of 60,000 acre-feet from Oyster Creek and 150,000 acre-feet from the Brazos River for industrial purposes. Water may be purchased from the Brazos River Authority to supplement natural flow when needed.

RESERVOIR DATA

Capacity	12,000 acre-feet at elevation 43.0 ft above msl
Area	1,663 acres at elevation 43.0 ft above msl

GENERAL

Oyster Creek plant completed	April 16, 1943
Brazos River plant completed	July 2, 1947
Reservoir completed	October 1947
General contractor	Farnsworth and Chambers
Estimated cost of dam	\$86,400

This is a part of a system of reservoirs and canals to insure industrial water to various plants.

