

LAKE MCQUEENEY DAM (TP)-3

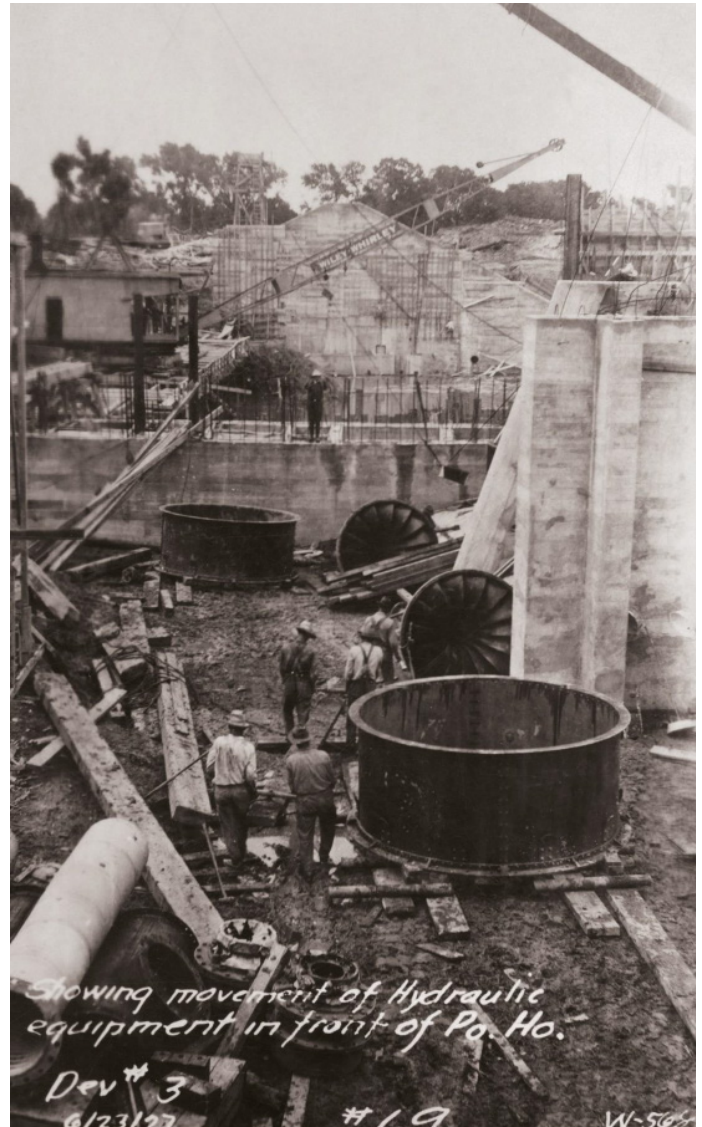
McQueeney, Texas | Guadalupe County

Background. Lake McQueeney Dam (TP)-3 is one of six dams that was constructed to create a hydroelectric power grid for the Guadalupe River Valley between 1927-1932. TP-3 was completed in 1928. The State Board of Water Engineers permitted all projects under permit No. 1096 dated June 12, 1929.

Repairing the Dam. The project will replace the three existing bear trap gates with three new hydraulically actuated steel crest gates, and the foundation will be modified to maintain the structural stability of the spillway.

The existing earthen dam embankments are armored partially with concrete; however, additional concrete armoring is needed to meet the current Texas Commission on Environmental Quality dam safety standards. A new maintenance bridge will be installed above the spillway providing access for a gantry crane to transport stop logs for emergency repairs and provide entry for spill gate maintenance.

Significance. Lake McQueeney Dam is listed as a National Registered Historical Place because it was one of the earliest hydroelectric power generation providers to nearby communities. Once completed, hydroelectric power generation will resume and lake levels will return to previous elevations.



Showing movement of hydraulic equipment in front of Po. Ho. Dev. #3. 6/23/1927.



Lake McQueeney Dam powerhouse.

Partners: Lake McQueeney Water Control and Improvement District (WCID No. 1)

Estimated Completion: 2025

Estimated Cost: \$48.7M

