

**Abbott Dam (TP-3) and Lake McQueeney**

**OWNER**

Guadalupe-Blanco River Authority.

**ENGINEER (Design)**

Fargo Engineering Company.

**LOCATION**

On the Guadalupe River in Guadalupe County, 5 miles west of Seguin.

**DRAINAGE AREA**

1,697 square miles. River flow partly regulated by Canyon Reservoir.

**DAM**

|                      |                                  |
|----------------------|----------------------------------|
| Type                 | Earthfill with concrete spillway |
| Length               | 1,900 ft                         |
| Height               | 40 ft                            |
| Elevation top of dam | 540 ft above msl                 |

**SPILLWAY**

|                 |                                     |
|-----------------|-------------------------------------|
| Type            | Floating crest                      |
| Length          | 255 ft                              |
| Crest elevation | 516.7 ft above msl                  |
| Control         | 3 roof-weir gates, each 85 by 12 ft |

**OUTLET WORKS**

None. Water is released through turbines while generating power. Lake is maintained at operating level by regulating power output.

**POWER GENERATION FEATURES**

Two generating units with a total capacity of 2,800 kw.

**STATE AUTHORIZATION**

Abbott Dam (TP-3) and Lake McQueeney were authorized under Permit No. 21 (Application No. 21) dated July 25, 1914, which allows the appropriation and use of an amount of the public waters of the State at a rate not to exceed 1,300 cubic feet per second of time continuously for the purpose of hydroelectric power generation.

**RESERVOIR DATA**

|                         |                                    |
|-------------------------|------------------------------------|
| Capacity                | 5,000 acre-feet at elevation 528.7 |
| Area                    | 396 acres at elevation 528.7       |
| Usable storage capacity | 5,000 acre-feet.                   |

**GENERAL**

|                            |                   |
|----------------------------|-------------------|
| Construction started       | 1927              |
| Dam completed              | 1928              |
| Impoundment of water began | 1928              |
| Generation of power began  | 1928              |
| General contractor         | Sumner and Sollet |

This is one of six projects owned and operated by Guadalupe-Blanco River Authority which were purchased from the original owners.

