Sweetwater Dam and Lake Sweetwater

OWNER

City of Sweetwater.

ENGINEER (Design)

Hawley and Freese.

LOCATION

On Bitter and Cottonwood Creeks in Nolan County, 6 miles southeast of Sweetwater.

DRAINAGE AREA

104 square miles.

DAM

Type	Earthfill
Length	2,600 ft
Height	50 ft
Top width	20 ft
Top of dam elevation	2,128.5 ft above msl

SPILLWAY

Location	Near left end of the dam
Type	Concrete ogee
Length	607.5 ft
Crest elevation	2,116.5 ft above msl

OUTLET WORKS

Intake	Concrete structure with several inlet gates
Outlet	18-inch pipe to control valve then 16-inch to the filter plant. The large outlet incasing this pipe was used to control water flow during construction and then plugged

STATE AUTHORIZATION

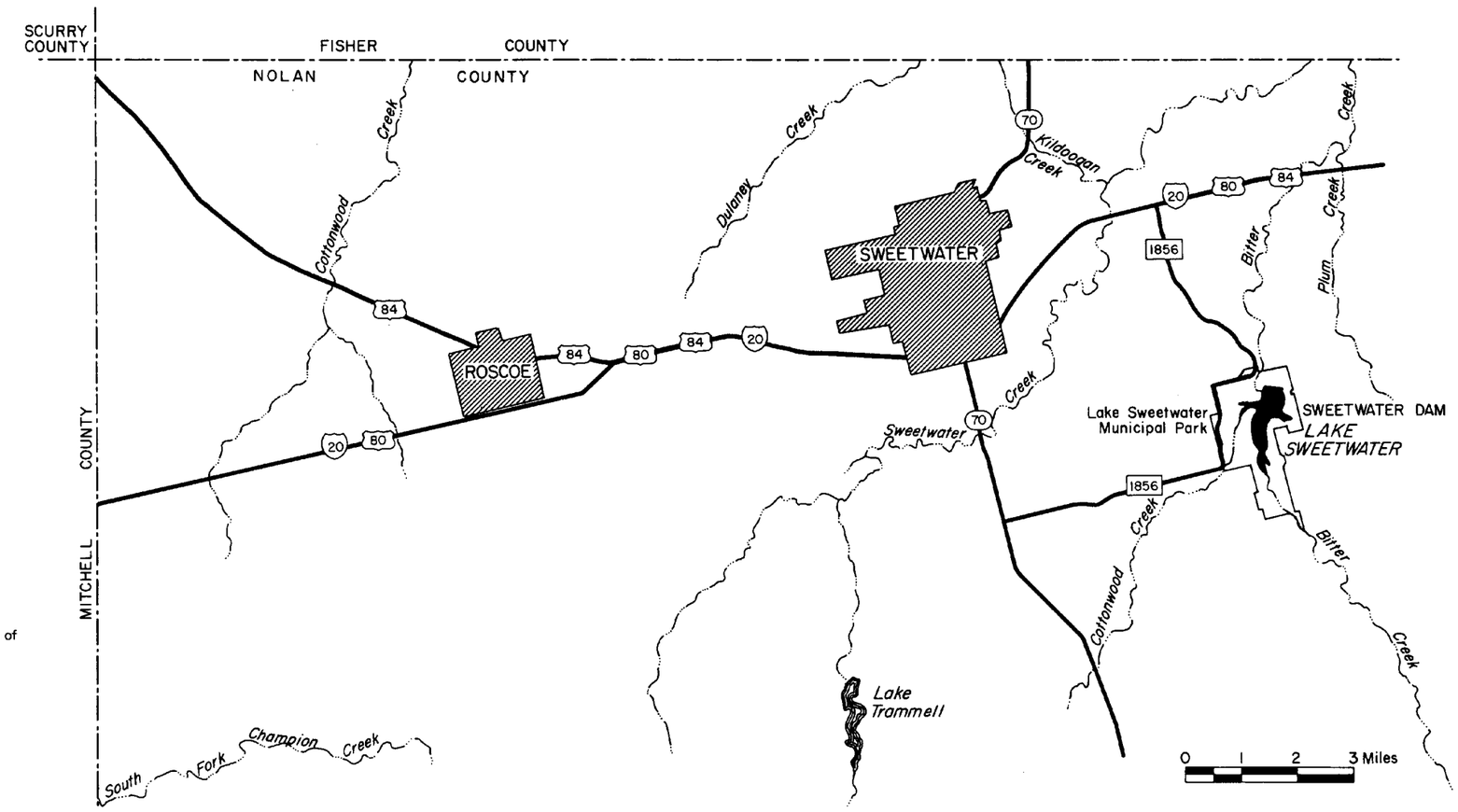
Permit No. 1053 (Application No. 1128) January 23, 1928, authorizes impoundment of 10,000 acre-feet and diversion of 10,000 acre-feet annually for municipal and industrial uses.

RESERVOIR DATA (Based on 1948 Water Supply Report by Freese and Nichols)

Capacity	11,900 acre-feet at elevation 2,116.5 ft above msl
Area	630 acres at elevation 2,116.5 ft above msl

GENERAL

Construction started	1928
Dam completed	1930
Deliberate impoundment of water began	1930
General contractor	Womack Henning Construction Company
Estimated cost of the dam	$346,000



Information courtesy of the city of Sweetwater

SWEETWATER DAM AND LAKE SWEETWATER