



THE STATE OF UTAH
OFFICE OF STATE ENGINEER
SALT LAKE CITY

WAYNE D. GRIDDLE
STATE ENGINEER

October 8, 1957

MEMORANDUM

For: Office study only
By: Donald C. Norseth and Clifton W. Johnson
Re: Twelve-Mile Creek Distribution

On October 1, 1957, a trip was made to continue seepage studies adjacent to Twin Lakes, Feeder Reservoir and Dry Lake Reservoir on Twelve Mile Creek near Mayfield, Utah.

Twin Lakes Reservoir

The reservoir was drawn down to the dead storage level and all the water entering the reservoir was from lower Dry Lake seeps of about 0.15 c.f.s.

Feeder Reservoir

The Feeder Reservoir was essentially empty and the flow of the spring above the reservoir was going through the reservoir - about 0.4 c.f.s. The seeps immediately below Feeder Reservoir contributed about 0.20 c.f.s. to the spring stream and the total, measured above the road about 1/4 mile below Feeder Reservoir, was 0.60 c.f.s. East of Twin Lakes the spring stream was measured at 1.06 c.f.s. The increase was due to springs and seeps.

In general, conditions were about the same as during the visit on August 21, except that the seeps below Dry Lake and Feeder Reservoir were about 1/3 less during the later visit.