



THE STATE OF UTAH
OFFICE OF STATE ENGINEER

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STATE ENGINEER

SALT LAKE CITY

AREA OFFICE
VERNAL, UTAH

REPORT

TO: Mr. Donald Norseth

FROM: Mr. Robert F. Guy

DATE: December 27, 1962

SUBJECT: Distribution, Pot Creek

Sometime during the fall of 1962, Mr. Zolph Calder installed a concrete control across the channel of Pot Creek below the Matt Warner Dam for use as a measuring device. After installing the device, Mr. Calder verbally requested this office to inspect the installation. On November 30, 1962, Messers Robert Guy, Edward Stevenson, and Dayl Webb, of the U. S. G. S., made an inspection of the control and the following conditions were noted:

1. The bottom of the control is approximately 3 inches above the bed of the channel.
2. The channel is flat and tends to pond below the control and as the stream flow increases, it is probable that a backwater condition would prevail.
3. A staff gage was permanently placed in the channel above the control.

Conclusion:

For the control to be used effectively as a measuring device, the bottom of the control should be raised approximately $1\frac{1}{2}$ feet to compensate for the channel conditions below. The way the control is now, it would be difficult to rate above a flow of 5 c.f.s. (estimated).

However, Mr. Calder plans to rate the control by releasing water from the Matt Warner in measured amounts. The effectiveness of this method remains to be seen as there is still the problem of accurately measuring this water.

cc: Mr. Dave Rasmussen

