



**THE STATE OF UTAH**  
**OFFICE OF STATE ENGINEER**  
**SALT LAKE CITY**

**WAYNE D. CRIDDLE**  
STATE ENGINEER

August 10, 1961

Interstate Canal Company  
c/o Mr. Albert Wilde, Secretary  
McKinnon, Wyoming

Gentlemen:

Re: ORDER ON INSTALLATION OF  
MEASURING DEVICES

On July 19, 1961 Mr. Clarence E. Erickson, Jr. of this office made an inspection of Island Lake Reservoir at the request of some of the water users on Burnt Fork. The reservoir owned by Interstate Canal Company lies on the head waters of Burnt Fork Creek and serves waters users in Wyoming and Utah.

At the present time there is no reservoir gage to indicate the amount of water in storage, or measuring devices to indicate inflow or releases from the reservoir.

Regulation of Burnt Fork cannot be effective until measuring devices are properly installed. The river commissioner cannot be expected to measure by current meter the natural flow into and out of the reservoir to satisfy prior rights below this reservoir. Administration can be carried out if a reservoir gage is installed together with a measuring device at the outlet.

An outlet measuring device can be installed a short distance below the 30-inch culvert section leading from the screw headgate. Because of the remoteness of the area and extreme difficulty in carrying large steel pre-fabricated measuring devices on horseback to Island Lake, it is recommended that you build a standard six-foot contracted rectangular weir at the measuring site. The weir must have a metal crest set in the concrete.

You should contact your river commissioner, Mr. Anderson, for technical advice concerning these installations and have him inspect them after installation has been made.

Interstate Canal Company is hereby ordered to install, prior to storing any water for the 1962 Irrigation season, a reservoir gage on Island Lake Reservoir and a suitable measuring device below the outlet culvert section. The gates are not to be closed and storage begun until these devices are installed and approved. A Copy of this letter is going to the Burnt Fork water commissioner and he is hereby instructed not to allow storage of water for delivery under the Interstate Canal Company's storage rights until these installations are made. He is further instructed to keep this office informed of the progress.

I am sure you recognize the need for better control and regulation

of the flow of Burnt Fork and that you will act quickly in properly installing these measuring devices.

If you need further advice or assistance in planning these installations, please feel free to call upon the services of our office.

Yours truly,



Wayne D. Criddle  
STATE ENGINEER

CEE/wh

Copies to: Mr. Lyle Anderson  
Burnt Fork Water Commissioner  
McKinnon, Wyoming

Mr. Earl Lloyd  
State Engineer of Wyoming  
State Capitol Building  
Cheyenne, Wyoming

Mr. Robert Gamble  
Burnt Fork - Birch Creek Distribution System  
McKinnon, Wyoming

Mr. LeRoy Saddler, Secretary  
Burnt Fork - Birch Creek Distribution System  
McKinnon, Wyoming

Mr. David P. Miller  
Supt. of Water Div. #4  
Rock Springs, Wyoming

Mr. Charles Meeks, Chairman Burnt Fork Water Users  
McKinnon, Wyoming