

100C

Attn: Mayo  
North  
Hydropon  
Lambert HCT

August 31, 1964

*Handwritten initials*

Mr. Clinton D. Woods  
Project Manager  
United States Bureau  
of Reclamation  
Ogden, Utah

Dear Mr. Woods:

Recently I have been giving much thought to the distribution problems that will be created by the completion of the Lost Creek Dam. I have talked with Bureau of Reclamation people concerning the proposed operational procedure for releasing water from Lost Creek Dam and I have been informed that it is planned that some of the Lost Creek Reservoir water is to by-pass all diversion structures on Lost Creek in sufficient quantity to sustain fish life and to be used as Weber Basin project water further downstream.

To accomplish this from a distribution standpoint, I feel it necessary that a stream gaging station with a permanent concrete control be installed below the present diversion for the Groyden Irrigation Company to measure the required amount of water out of the Lost Creek area. In the past, no water has by-passed the Groyden Irrigation Company's diversion during the months of July, August, and September.

Inasmuch as the quantity of project water passing the requested measuring point may not exceed 10 cfs, I would like to suggest for your consideration that a concrete artificial control be installed with a Parshall flume for low discharges similar to an illustration found on Sheet 26 of the present U.S.G.S. stream gaging manual.

I would be happy to discuss this matter further with you at any time.

Very truly yours,

*EBJ*

E. Elaine Johnson  
Weber River Water Commissioner

EBJ:efn

cc - Mr. Wayne D. Criddle ✓

SEP 1 1964  
STATE ENGINEERING  
OFFICE