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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

DEE C. HANSEN
STATE ENGINEER

JOHN BENE
DEPUTY

23 EAST MAIN STREET
P.O. BOX 879
VERNAL, UTAH 84078
789-3714

ROBERT F. GUY
AREA ENGINEER

MEMORANDUM

TO: Wesley E. Signs, Water Division # 6 Engineer
FROM: Robert F. Guy, Eastern Area Engineer
SUBJECT: Pot Creek Distribution 1976
DATE: November 30, 1976

Reference is made to our recent telephone conversation regarding the distribution of the waters of Pot Creek, specifically the Colorado Water Rights.

I obtained the U.S.G.S. stream flow records for both stations on Pot Creek and deduced the following: Colorado had an allotment of 376.2 ac.-ft. at the upper gage during the months of May and June, less 28.75 ac.-ft. (water flowing by lower gage during the same period), leaving a total of 347.45 ac.-ft. to be released to the Colorado rights. During the months of March and April 282.12 ac.-ft. was measured at the lower gage. Since it is questionable whether this water could be beneficially used during all of this period it was assumed it was used to satisfy the storage commitment of 72.36 ac.-ft. The Pot Creek Water Commissioner released from the Crouse Reservoir the following amounts to the Colorado Rights:

From 7-23-76 to 7-27-76 at the rate of 12.0 c.f.s. for a total of 96.0 ac.-ft.
From 7-27-76 to 8-9-76 at the rate of 10.16 c.f.s. for a total of 285.04 ac.-ft.
From 9-8-76 to 9-14-76 at a rate of 12.0 c.f.s. for a total of 144.0 ac.-ft.

Total release-----525.04 ac.-ft.

It appears that the commissioner over released 177.59 ac.-ft. (525.04 minus 347.45) and instead of the Utah Water User's owing the Colorado Water User's 338.84 ac.-ft., as your figures indicate, in fact, the Colorado Water User's owe the Utah Water User's 177.59 ac.-ft. I am sure that only a small portion of the 525.04 ac.-ft. reached the Colorado User's, but the Utah Water User's are not responsible for the Channel losses in delivering Colorado's share of Pot Creek.

If you have any questions or if you would like to go over my calculations I would be glad to meet with you in your office at a convenient time.

cc: Donald C. Norseth ✓

Udell Gardiner