

Memorandum

To : Glenn Colusa Fish Screen File

Date : August 17, 1982

From : **Department of Fish and Game** - Region 2

Subject: Lack of Bypass Water

Review of subject with Bob Clark of Glenn Colusa I.D. on 8/12/82 indicates problem will self-correct about 9/1/82 as their diversion drops from current 2,000 cfs to 1,500 cfs or so. Correction of problem (dredging channel up to Sacramento River) between now (8/12) and 9/1 not practical due to lack of depth to move the dredge.

The problem developed because Bureau of Reclamation told District large flows could be anticipated in summer of '82. To save money the District did not do normal channel maintenance. The large flows did not materialize, the channel leading to their pumps partially plugged, and we lost our bypass water for a period in July and August.

As of 8/12 the Bureau of Reclamation reports Keswick release at 12,000 and flow at Vina, 8,000. Anticipated Keswick September release is about 8,000 average but depletion between Keswick and Vina will be reduced. Net result may be no change in Sacramento River flow at channel entrance. Thus, our bypass flow can only develop from reduction in District pumping.

At issue is what effort the District will make to dredge the channel this winter in preparation for the April '83 diversion season. Clark indicates they will dredge. It is normally done in the March period.

Our action is to check in January and February to see if their dredge is in working order and in February and March see that they dredge. Bureau of Reclamation predictions on summer flows are not reliable.

The question of the District's legal responsibility to provide bypass water as provided in the agreement will be reviewed.



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Fisheries Management Supervisor

cc: Paul Ward
Dan Odenweller, Bay Delta
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Regional Manager
File: Suspense 2/1/83
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RDB:ds