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TO: File  
FROM: Richard B. Hall, P. E., Directing Engineer  
SUBJECT: Field Review of the Utah Lake/Jordan River Distribution System  
DATE: OCTOBER 2, 1984

A field review of the subject system was undertaken on September 27, 1984 with the following in attendance:

Brad Gardner  
Edward D. Feldt

Richard B. Hall  
Robert E. Berger

The following items were observed and/or discussed:

- 1) Lehi Pumping Plant - The plant only operates below compromise level with a capability of 1050 cfs. There is a preliminary plan to construct a new channel around the plant, which could handle 1500 cfs. of compromise level. The elevation of the lake in the last several years has damaged the plant and caretakers houses as evidenced by water marks four to five feet up on the structures.
- 2) Turner Dam - This dam feeds the East Jordan Canal and the Utah and Salt Lake Canal. The deputy for the system lives in a house at the dam.
- 3) Camp Williams Pump Station - No water is taken from the river. The station is located near the river but it is used only to pump spring water.
- 4) Joint Dam - This dam feeds the Joint Canal, which splits into the City Canal and South Jordan Canal some 0.5 miles downstream.
- 5) Indian Ford - This point was the original control for Utah Lake and is located directly east of Camp Williams. The area is on bedrock and is more commonly referred to as the Jordan Narrows, which has been the subject of recent schemes to increase the channel capacity of the river.
- 6) Draper Pump House out of East Jordan Canal into the Draper Canal.
- 7) North Jordan Canal (Diversion not observed) - Continuous recorder and Parshall Flume.
- 8) There are several users who have moved their rights into pumping plants directly out of the lake.

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Overall, the system is in good shape with almost all of the major diversions measured by continuous recorders in rated sections. There was some discussion as to the possibility of an extensive diking project to provide for flood storage in the lake. According to Brad, some 30% to 40% of the irrigated land on the system has been taken out of production.