



July 20, 1984

TO: File
FROM: Richard B. Hall, Directing Engineer
SUBJECT: Ogden River Distribution System Field Review

A field review of the Ogden River Distribution System was undertaken on July 19, 1984 with the following in attendance:

Boyd Heslop
John Wilson

Kent Jones

Richard B. Hall
Jerry L. Bronicel

During the review, the following items and/or problems were noted:

- 1) The Parshall Flume for the Marriott Ditch appears to have slightly high upstream velocities.
- 2) The Millstream has problems all of the way down with encroachments, garbage, and debris. Flooding occurs over 25 cfs, which makes it impossible to deliver high flow rights. We need to check the county records to determine what kind of easement exists and then look at what alternatives are available to resolve the problem.
- 3) The Shupe-Middleton Ditch has no measuring device and the head-gate is rusted out. We need to investigate our records to see if a change or exchange has been filed to move the right to the pond created by the DOT when constructing the 20-21st street couplet.
- 4) We need to research the exchanges on Wheeler Creek and the Ogden City Artesian Wells under Pineview.
- 5) We need to give the commissioner a copy of the agreement for the use of the well near Patio Springs. The agreement was between the Wolf Creek Irrigation Company and John Laub.
- 6) We need a continuous recorder in the Utah Power and Light Company's Pioneer Plant Afterbay so we can monitor fluctuations. We need to decide who should install it.
- 7) We need to calibrate the concrete lined ditch at Dr. Merrill's residence, located approximately one (1) mile west of the monastery.
- 8) We need to find out about the gaging station just below Causey Dam and get a new Staff Gage installed so we can monitor natural flows.

- 9) The new concrete Parshall Flume near the mouth of the canyon is not operating correctly. Boyd is going to measure the upstream velocity, stage, and the dimension of the weir and submit them to us to see if we could come up with a scheme to make the flume operational.
- 10) The commissioner and deputy are going to submit lists of diversions without adequate headgates and/or measuring devices so we can get them upgraded and/or installed.

cc: Boyd Heslop, Commissioner
John Wilson, Deputy Commissioner
Kent Jones, Area Engineer, Weber River
Jerry L. Bronicel, Hydrologic Engineer/Distribution