



1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

\* M E M O R A N D U M \*

TO: File  
FROM: Richard B. Hall, P. E., Distribution Engineer  
SUBJECT: Field Review of the Beryl-Enterprise Distribution System  
DATE: October 19, 1984

A field examination of the subject system was undertaken on October 17, 1984 with the following in attendance:

Grant Twitchell

Richard B. Hall

Jerry L. Bronicel

The following items were observed and/or discussed.

- 1) Upper and Lower Enterprise Reservoirs - A pipeline some 30 inches in diameter has been installed from the regulating reservoir to the Enterprise Reservoir and Canal Company distribution system. The commissioner does not regulate this diversion; however he does get the yearly totals delivered, for assessment purposes, from the company.
- 2) Huff Creek and Calf Spring - These sources were not observed due to inclement weather; however, the commissioner reported that both sources have been piped and he indicated neither of these sources have measuring devices.
- 3) Ranchers Exploration Silver Mine - The mine, mill, dewatering pumps, the Silver Mine Canal system, the recharge basins, and the diversions from the Silver Mine Canal were all observed in detail. Mr. Ike Hunt gave us the tour of the operation. The waters from the dewatering wells, which must maintain a static level of over 600 feet, are discharged into a common ditch. The ditch forks just east of the mine with the south ditch going to a pumping plant, which feeds a canal, which ultimately discharges into Shoal Creek near Enterprise. The North Canal services some four downstream users. The North Canal can also be routed into a series of recharge basins, which are positioned to induce a static water level island between the mine and the irrigators. All of the users on the North Canal are supposed to have measuring devices. Although they have the flumes or meters, they are not accurate or are inoperative. According to the commissioner and the mining company, these users are taking more water than they are entitled to. The mining company has agreed to furnish them with the water they are entitled to: however any amount beyond this, they would like to discharge into their recharge basins. The north Canal travels some 15 miles and ultimately discharges into the desert.

cc: Jerry L. Bronice1

- 5) Newcastle Reservoir - No comments!
- 4) Several meters on the wells in the area were observed. The commissioner stated that of the 200 wells which he reads, at least 25 will have inoperative meters at any given time. I told him we would look into other possibilities and get back with him.