



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

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MEMORANDUM

TO: Lee Sim

FROM: Jerry Olds *JO*

SUBJECT: Water Measurements on the East Fork of the Virgin River

DATE: July 27, 1992

As part of the discussions with the National Park Service on the reserved water right claims for Zion National Park, we are trying to better define the hydrology of the East Fork of the Virgin River. In this regard, we are working with the U.S. Geological Survey to install a gaging station on the East Fork near Mt. Carmel Junction. The only major diversion below the proposed site is for the Foote Ranch covered under water right numbers 81-90, 342, and 1155. In talking with Gerald he believes there is a parshall flume or weir on the ditch.

The purpose of this memorandum is to request that you instruct the river commissioner to make periodic measurements of the diversions to the Foote Ranch. Such measurements combined with the USGS measurements should give us a much better understanding of the flows in this reach of the river. The USGS plans to have the gaging station installed and operational by October 1, 1992. If the commissioner could begin making measurements by this date, it would be very useful.

If you experience problems in implementing this request or have any questions, please contact me.

/wk

cc: Gerald Stoker