

CITY OF GRAND JUNCTION, COLORADO
MEMORANDUM

Reply Requested
Yes No

Date
June 28, 1978

To: (From:) Jim Wysocki From: (To:) Duane R. Jensen, P.E.
City Manager City Engineer-Utilities

Subject: Operation of Water Supply for Summer of 1978

Because of the construction of Juniata Reservoir in 1978 and because that reservoir will be drained and out of service near July 10, we plan to operate the water supply system in a slightly different manner than normal from that point on.

All of the reservoirs on the top of Grand Mesa are now full including the large reservoirs which are entirely owned by the City of Grand Junction. We plan to keep the large reservoirs on top of Grand Mesa on Kannah Creek, which are 100 percent owned by the City, as carry-over reservoirs for carryover water into 1979. This will furnish a carryover in the amount of about 2,500 acre feet.

Following July 10, 1978, the City will continue to use its full direct flow rights from Kannah Creek, its direct flow rights from the North Fork of Kannah Creek, the City's share of the contents of the Grand Mesa Reservoir Company Reservoirs which include Grand Mesa No. 1, Grand Mesa No. 6, Grand Mesa No. 8, Grand Mesa No. 9, Scales Reservoir No. 1, and Scales Reservoir No. 2. After we have used the contents of these reservoirs, we will pull on the contents from our North Fork Reservoirs including Bolen Reservoir, the B.A. & J. Reservoir and Anderson No. 6 Reservoir. Utilizing these reservoirs and some of the capacity in the lower Purdy Mesa Reservoir, the Kannah Creek supply can provide up to 9.2 million gallons per day to the City system throughout the remainder of the summer. The amount of water in addition to 9.2 mgd used in the City will be pumped from the Gunnison River.

The carryover reservoirs previously mentioned will be Anderson Reservoir No. 2, Anderson Reservoir No. 1, Raber-Click Reservoir, Carson Lake, and Flowing Park Reservoir. As soon as reservoir construction progresses to the point where these reservoir waters can be brought from the top of Grand Mesa and will not interfere with the construction of the Juniata Reservoir, they will be transferred from the top of Grand Mesa Reservoirs down Kannah Creek into Juniata Reservoir. We hope to be able to move all of this carryover water from the top of Grand Mesa into Juniata Reservoir in late fall or early winter.

The City of Grand Junction has advertised for bids on Juniata Reservoir and expects to open bids on the 17th of July. We hope to be able to recommend to the Council award of these bids at their meeting of July 19, 1978.

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To: (From:) Jim Wysocki From: (To:) Duane R. Jensen, P.E.Operation of Water Supply for summer of 1978 (page 2)

During the spring of 1978 we have had two incidents where reservoirs on top of Grand Mesa have been opened by unauthorized personnel. The first occurred on Bolen Reservoir and was caught a few days later after someone had opened the valve on that reservoir. The reservoir valve was then closed and the reservoir did consequently fill with water. The second occurred on Raber-Click Reservoir over the weekend of June 18. Someone had opened the reservoir gate and allowed some water to escape from the reservoir. The reservoir had been checked on a Thursday previously by aircraft surveillance and found to be closed, and then when again checked on Monday was found to be open. The valve was closed and secured at that time and the reservoir has since completely filled with water. Measures have been taken by the City to more safely secure these reservoir valves since these two incidents have occurred.

If you have any questions, please feel free to let me know.