



State of Idaho

DEPARTMENT OF WATER RESOURCES

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June 1, 1995

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

Ron Davidson
Natural Resources Conservation Service
1551 Baldy Ave, Suite 2
Pocatello, ID 833201-7117

Re: Portneuf Reservoir Survey

Dear Mr. Davidson:

Attached to this correspondence is a copy of a letter dated April 26, 1995, from Ervin Gilbert of the Portneuf-Marsh Valley Canal Company concerning the survey of the Portneuf Reservoir. Also attached is a letter dated April 3, 1995 from IDWR to Ervin Gilbert regarding the same subject. The latter correspondence outlines IDWR's concerns about the survey data compiled by the NRCS.

Mr. Gilbert states in his letter that he has spoken to staff at the NRCS field office in Pocatello who are confident in the accuracy of the completed survey. IDWR does not doubt the accuracy of the survey data compiled by NRCS but does have some concerns about the detail of the data. If the data is sufficient in detail, then perhaps NRCS can provide us with reservoir contour topography and an incremental stage-storage relationship. As of this date, IDWR dam safety engineers have received only the raw field data with cross-sectional areas, and a computation of total reservoir capacity using volume-by-end area calculations. IDWR engineers made a drawing using this data and felt that the resulting contours were not representative of actual reservoir contours because there were not enough bottom control points along the cross-sections.

IDWR believes that the data thus far compiled can be used but needs to be supplemented with additional bottom control points. We are pleased that you are willing to commit staff to this effort next fall. IDWR is interested in meeting with NRCS staff and Portneuf-Marsh Valley representatives to discuss the completion of this project.

I would like to suggest that you or appropriate staff contact me to arrange a meeting in which this matter can be further discussed. I may be reached directly at 327-5406. I look forward to your response.

Respectfully


Gary Spackman

cc: Ervin Gilbert, Portneuf-Marsh Valley
Sonny Hornbaker, IDWR Dam Safety