

January 24, 2008

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JAN 25 2008

DEPARTMENT OF
WATER RESOURCES

Nick Miller, Water Distribution Section
Idaho Department of Water Resources
322 East Front Street
P. O. Box 83720
Boise, Idaho 83720-0098

RE: Control and Measurement of Diversion Response

Dear Nick:

This letter is being sent to you in response to your letter dated December 10, 2007 regarding the required measurement devices and controlling works for all diversions of water from Antelope Creek and tributaries. As you are aware, the Water District 34 Recharge Committee is charged with the responsibility of conducting managed recharge within the basin using water supplies from water rights 34-07571 and 34-07573 in accordance with the stipulated agreement and plan of operation incorporated into the respective water right permits.

Recharge locations exist through out the basin and allow for the diversion of water whenever supplies are available subject to priority and deliver calls. As per the plan of operation, one of these locations provides for the diversion of water from Antelope Creek into the U.C. Canal. This canal lateral itself provides a prolific recharge channel as well as conveys water supplies to various gravel pits down gradient. South of the point where Antelope Creek and the U. C. Canal intersect each other, diverted water supplies flow through culverts under the Antelope Highway then proceed further downstream a short distance to a cement drop structure. This structure has been used for many years to record flow rates in the U. C. Canal. Enclosed is a picture of the staff gauge that is attached to this cement structure.

You may recall the conversation you and I had several months ago discussing the need for a qualified engineer to calibrate the flow rates of this structure. I remember our conclusion to be, that as soon as there was existing flows at this measuring station you would send an engineer to conduct an analysis of flow rates across the drop structure that would then be used to develop a flow chart for that specific staff gauge.

The recharge committee is anxious and willing to accurately measure all recharge diversions, and we have the expectation the watermaster will properly record and report all diversion volumes in the required annual watermaster reports. The recharge committee has asked the watermaster to describe to them how these reports are going to be formatted and filed with IDWR with the transparency we spoke of during 2006. His initially response was he was not sure how to do this but he said he would be prepared to do so at the next recharge committee meeting schedule for February 6, 2008. We are looking forward to that presentation.

We hope this correspondence provides the appropriate response to your December 10th letter, and if you need any further response please let us know. We look forward to what we hope is a better water supply year for the entire basin and State of Idaho.

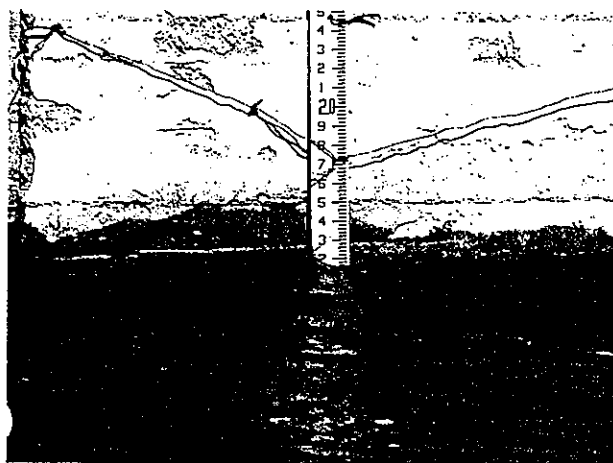
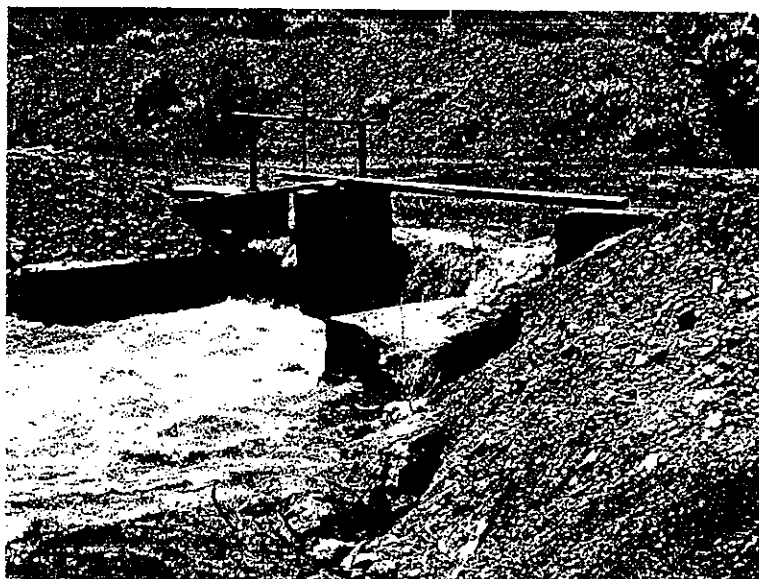
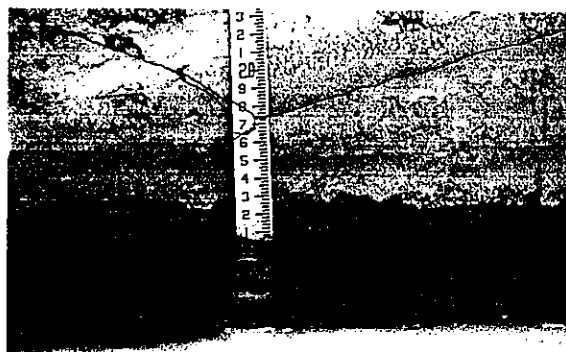
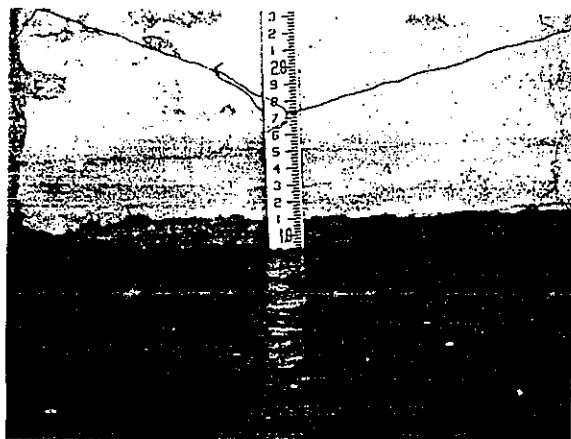
Sincerely,



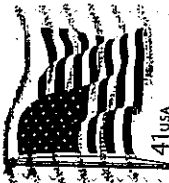
Mitchell D. Sorensen, Recharge Committee Chairperson

Attachment:

Copy to: Watermaster Bob Shaffer



MD Sorensen
3871 W. 2500N
Moore, ID 83205



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