



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: www.idwr.idaho.gov

APRIL 21, 2009

C. L. "BUTCH" OTTER
Governor

DAVID R. TUTHILL, JR.
Director

JAMES R. BENNETTS
P.O. BOX 36
CHALLIS, ID 83226-0036

RE: STANHARRAH – WATER SUB-DISTRICT #71

Dear Mr. Bennetts:

This letter responds to your letter of January 5, 2009 proposing to install a clamp-on style ultrasonic flowmeter at the Mountain Village Resort in Stanley, Idaho. I have also copied this letter to Mr. Neil Anderson in response to discussions he and I have had over the last three months and to his letter of April 16, 2009 requesting written approval of that meter. IDWR will accept the proposed meter, subject to certain conditions as described below.

The meter is acceptable to IDWR if the following conditions are met:

- The meter must be installed and maintained in accordance with the manufacturer's recommendations.
- The piping configuration must include a sufficient length of straight pipe to accommodate the use of IDWR's portable ultrasonic flowmeter. Generally, this means a straight section of pipe 15-20 pipe diameters in length. The pipe section should be oriented either horizontally or inclined so the water is flowing upwards.

The current IDWR measurement standard is a magnetic type flowmeter due to the durability, accuracy, and reliability of these meters. IDWR has limited experience with long-term use of the meter proposed for this property and cannot confidently recommend its use. With that in mind, please be aware that if this meter is found to be problematic due to accuracy, reliability, or otherwise, IDWR may require the meter to be replaced with a magnetic flowmeter.

If you have any questions, or if I can be of further assistance with this matter, please feel free to contact me.

Sincerely,

Nick Miller, P.E.
Water Distribution Section, IDWR

c. Neil B. Anderson – General Manager, Mountain Village Resort
P.O. Box 150, Stanley, ID 83278