



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](http://www.idwr.idaho.gov)

November 27, 2007

C. L. "BUTCH" OTTER  
Governor

DAVID R. TUTHILL, JR.  
Director

ARROW A RANCH LIMITED PARTNERSHIP  
c/o JAY NEIDER  
5821 MORNING DOVE DR  
NAMPA, ID 83686

**RE: MEASUREMENT AND CONTROL OF DIVERSIONS IN WD170**

Dear Mr. Neider:

This letter is a follow up to our meeting in Boise yesterday. We discussed measurement of your diversions from the Salmon River in Water District No. 170. Although Mr. Brian Hamilton of the United States Bureau of Reclamation has designed workable broad-crested, ramped flumes for both of your diversions, we had discussed installing an ultrasonic Doppler instrument instead. The ultrasonic Doppler instrument may be more appropriate in your situation due to its ease of installation, lower cost, and continuous data logging capability.

We had also discussed conducting some performance testing with an ultrasonic Doppler instrument on both of your diversions at the start of the 2008 irrigation season. If the tests indicate the devices will perform as required, you had indicated you would purchase and install the devices as soon as possible. If the testing indicates these devices are not appropriate for this application, you had indicated you would work to install the flumes Mr. Hamilton has designed.

In either case, the Department recognizes that you will not have measuring devices installed at the beginning of the 2008 irrigation season, and that you are working toward installation early in the 2008 irrigation season. As such, the Department grants an extension of time for compliance with the February 20, 2007 IDWR order requiring measurement and control in Water District No. 170. Water may be diverted from the two diversions (S-39 and S-39A) during the 2008 irrigation season prior to the installation of measuring devices.

As we discussed, we will contact you again prior to the start of the irrigation season to coordinate installation of the ultrasonic Doppler test units. If you have any other questions, please feel free to contact me at 208-287-4956. You may also contact Tim Luke at 208-287-4959.

Sincerely,

Nick Miller, P.E.  
Water Distribution Section