

April 15, 2008

Janet Wheeler
336 River Road
Grace, Idaho 83241-5235

RE: Bear River Measuring Device order in State Water District 11

Dear Janet,

The Idaho Department of Water Resources (IDWR) is in receipt of your correspondence dated March 7, 2008 related to measuring device requirements on your diversion located in Water District 11, Bear River.

During the summer of 2007, IDWR staff inventoried and conducted a measuring device certification of your diversion. At that time the McCrometer meter you have installed on the diversion was outside the recommended values acceptable to the Department. This point measurement conducted found the meter to be reading approximately 12% low of the Standard meter used by IDWR staff. Guidelines adopted by IDWR in 1996 allow for this type of meter to be $\pm 10\%$ of the standard meter used in the measurement.

The ultrasonic measurement equipment used at the time of inventory has an accuracy $\pm 2\%$. Due to your efforts to measure the water being used at your diversion and the close proximity of the calibration conducted during the summer of 2007, IDWR will allow you to use the measuring device currently installed at your diversion to begin the 2008 irrigation season. The continued use of this meter will be based on IDWR staff returning during the 2008 irrigation season and conducting a follow up measurement to check your flow meter for accuracy.

If your flow meter is found to be outside IDWR standards of $\pm 10\%$ for mechanical type flow meters, you will be required to replace the meter with the newly adopted IDWR standards of a magnetic type flow meter. This type of flow meter has no moving parts in the pipe and eliminates potential for meter malfunction due to debris being pumped in a surface water system. IDWR staff will contact you during the 2008 season to set up a time when the flow meter calibration can be conducted.

Thank you for your attention to this matter. Please contact me if you have any questions at (208) 287-4842 or email at corbin.knowles@idwr.idaho.gov .

Sincerely,

A handwritten signature in black ink, appearing to read "Corbin Knowles". The signature is fluid and cursive, with the first name "Corbin" being more prominent than the last name "Knowles".

Corbin Knowles
IDWR Water Distribution
State Office

Cc: Cindy Bird IDWR, Soda Springs
Rock Holbrook, Water District 11 water master