



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region, 1341 Fillmore Street, Suite 200 • Twin Falls, Idaho 83301-3380

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

DAVID R. TUTHILL, JR.
Director

September 2, 2008

Travis Bullock
PO Box 1189
Challis, ID 83226

RE: App For Permit 72-16772

Dear Mr. Bullock;

A couple of issues have come up relating to your application. We need additional information on how you plan to run your irrigation system. If you will be storing water in a pond, diversion to storage and storage for irrigation need to be added to the application. If it takes more than 24 hours to fill the pond, then storage is occurring. If I know the diversion rate into the pond and the volume of the pond (surface area x average depth), I can determine if storage will occur. A flow rate of 100 gallons per minute will produce 19250 cubic feet of water per day; a 40' x 50' pond averaging 10' deep will exceed the 24-hour rule just enough to be considered storage (for example). If these additional uses are needed, I can add them to your application before sending out a corrected version for your signatures.

Sec. 42-233 of the Idaho Code allows low-temperature geothermal water to be used directly for irrigation IF IDWR determines that no other non-geothermal water supplies are available for this purpose. This APPEARS to be the case for your property, but you will have to make a written request for IDWR to make this determination if you think it will benefit you. It is my understanding that water-quality issues may prevent you from using your well for some of the proposed purposes, so it might give you more flexibility in operating your well if such a request could be granted. There is no special form to fill out, but we do need something in writing if you want us to consider this. It is your choice; I just wanted to be sure that you were aware of this option.

Regards,

James E. Stanton
Sr. Water Resource Agent