

MEMORANDUM

Date: August 21, 2008
To: Water Right File 63-10022
From: Aaron Marshall
Re: Licensing Review

Permit 63-10022 was approved on June 13, 1983, for irrigation of 8.0 acres at a rate of 0.60 cfs from a low temperature geothermal well. Proof of Beneficial Use was received May 30, 1986. Independent examiner Sherl Chapman completed the field examination on November 12, 1986, and found irrigation of 7.0 acres at a maximum rate of 0.37 cfs. On February 16, 1996, an amendment of permit was approved to add a point of diversion and also changed the rate and irrigated acreage to match the field report. On March 21, 2005, Department examiner Dan Nelson conducted an additional field examination and recommended a rate of 0.24 cfs for irrigation of 7.8 acres based on the present use of water.

This right should be licensed as originally developed under the permit with changes authorized by the amendment. The license should be issued for irrigation of 7.0 acres using ground water from two points of diversion, the Warm Springs Golf Course cold water well and the Quarry View Park geothermal well. The rate and volume should be limited to 0.37 cfs and 31.5 acre-feet (7.0 acres X 4.5 acre-feet per acre) respectively. The season of use for this right should reflect the Department's current standard irrigation season for this area, March 1 to November 15.

While this right authorizes the use of geothermal water within the Boise Front Ground Water Management Area (GWMA), the permit was approved and proof was submitted prior to the designation of this GWMA. Therefore, this right should not be subject to the requirement that geothermal water be used for heating prior to use for irrigation.