

June 28, 2004

Shelley Keen
IDWR
1301 N. Orchard St.
Boise, ID 83706

RECEIVED
JUL 01 2004
DEPARTMENT OF
WATER RESOURCES

RE: Total irrigation diversion volume for Right 65-07461 – George
Colwell, Birding Island Ranch, Payette County, Idaho

Dana Hofstetter requested that I forward to you the total irrigation diverted volume calculation for the 152 acres of water right 65-07461. The calculated amount on the FIR spreadsheet is 1802 acre-feet per year. As instructed by Scott King, the 80th percentile annual irrigation value of 977 was utilized from the Allen & Brockway consumptive use table. This value was inserted into the Field Irrigation Requirement spreadsheet which calculates water requirements on a by-field basis. I have attached a copy of the FIR worksheet.

These requirements are made for need at the field headgate. These numbers **do not** include any conveyance losses. The conveyance losses would be additive to these numbers. That field headgate wording was present in condition 4 of the Application for Amendment for Right 65-07461.

If you have questions or need anything additional, please call me at 850-4926.



HARLEY R. NOE
Professional Soil Scientist

Attachment

CC w/attachment: Dana Hofstetter

