



**E. FLOW CALCULATIONS**

Irrigation Permit: 0.06 cfs  
 B.U. Standard Allowance: 0.03 cfs x 0.5 ac= 0.02 cfs  
 B.U. Proof Fee: \$50 → 0.00 cfs to 0.20 cfs

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License Recommendation 0.02 cfs

**F. VOLUME CALCULATIONS**

1. Volume Calculations for irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (0.5 \text{ ac}) \times (4.5 \text{ afa}) = 2.25 \text{ AF}$   
 $V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.02 \text{ cfs}) \times (231 \text{ days}) \times 1.9835 = 9.2 \text{ AF}$   
 $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 2.25 \text{ AF}$

\*Per Beneficial Use Exam Rules, irrigation from river is exempt from reporting total volume.

**G. NARRATIVE/REMARKS/COMMENTS**

The field exam was conducted in-office February 26, 2020 by Kate Huelse.

Based on the information provided in the water right file, this qualifies for an in office field exam. Permit 65-23598 authorized the diversion of 0.06 cfs from the Payette River tributary of the Middle Fork Payette River for irrigation use in Section 26, Township 10 North, Range 04 East, 1.5 acres in SW 1/4, NW1/4 and 0.5 acres in SE1/4, NW1/4. Reduced acreage to 0.5 acres based on aerial imagery. Please see attached map.

The proof of beneficial use was submitted on October 7, 2019 by Clinton Evans, stating that the pump will be put in the river in the spring and taken out in the fall. The total rate of diversion will be 0.02 CFS, Mr. Evans states that he will be pumping 12 gallons per minute 6 hours per day from March 15<sup>th</sup> to October 31<sup>st</sup>. Current Boise County tax lot data represent Mr. Evans as the land owner pertinent to the place of use and point of diversion. The permit specifies that the use is for irrigation purposes.

The diversion rate I have recommended for this license is 0.02 cfs, and as stated in the permit the user shall not exceed 0.03 cfs per acre nor more than 3.5 af per acre.

Have conditions of permit approval been met?  Yes  No

**H. RECOMMENDATIONS**

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion
IRRIGATION	03/15 to 10/31	0.02 CFS

**Totals:** 0.06 CFS

2. Recommended Amendments

Change P.D. as reflected above  Add P.D. as reflected above  None

Change P.U. as reflected above  Add P.U. as reflected above  None

**I. AUTHENTICATION** Kate Huelse - Water Resource Agent

Field Examiner's Name Kate Huelse Date 03/03/20  
 Reviewer \_\_\_\_\_ Date \_\_\_\_\_

# Beneficial Use Exam

## Legend

 11 Elk Springs Rd



 11 Elk Springs Rd

State of Idaho  
Department of Water Resources  
**Beneficial Use Exam**  
65-23598

04E

10N



The USDA-FSA Aerial Photography Field office asks to be credited in derived products.

-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.015 0.03 0.06 Miles

