

[illegible]

Method of Determination: GIS and visual inspection.

3. Yes Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

Yes Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

Yes Aerial Photo Attached (required for irrigation of 10+ acres).

Yes Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: No flow measurements taken. Flow will be calculated using standard 0.02 cfs for small acreage.

E. FLOW CALCULATIONS

____ Additional Computation Sheets

Attached

Measured Method: No flow measurements taken. Flow will be calculated using standard 0.02 cfs for small acreage.

$$0.02 \text{ cfs/a} \times 3.3 \text{ a} = \underline{0.07 \text{ cfs}}$$

Stockwater:

According to Field Examiners Handbook: 26-50 head of horses use 0.02 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{\text{I.R.}} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.3 \times 4.5 = \underline{14.85 \text{ AF}}$$

$$V_{\text{D.R.}} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.07 \times 260 \times 1.9835 = \underline{36.1 \text{ AF}}$$

$$V = \text{Smaller of } V_{\text{I.R.}} \text{ and } V_{\text{D.R.}} = \underline{10.31 \text{ AF}}$$

2. Volume Calculations for Other Uses:

Stockwater:

According to Field Examiners Handbook: 26-50 head of horses use 0.7 AFA.

G. NARRATIVE/REMARKS/COMMENTS

Mrs. Guinn's husband submitted this permit and passed away years ago. Mrs. Guinn did not have complete knowledge of her husband's intent but explained the system as best she could.

The original permit 65-22381 describes multiple POD's covering different acres. Mrs. Guinn said her husband had intended to pump waste water up onto the 130 acres in the NWNW and SWNW of Sec 4 but never did. Those acres are covered by Emmett Irrigation District shares and will be removed from this license. The remaining uses will be split into 65-23525 and 65-23526. Mr. Guinn did develop water diverted to 3.3 acres along the waste water ditch for irrigation and stock water (65-23525). They also developed the Circle G River Ranch which offers riding corrals and boarding stalls for horses. Mrs. Guinn continues to operate the Circle G River Ranch with around 50 horses maximum.

The POD diverts water into a ditch flowing south against the hill side in the SENW of Section 4. At the lower end of the land, water flows west under the road and back into the waste water ditch. This land is irrigated for grass with 6 horses grazing at the time of the field exam. All irrigation is gravity from the ditch. I observed no water troughs so the horses are drinking from the irrigation water.

Since the land is less than 5 acres, flow measurements were not taken. Measurements would have been difficult because the ditch was overgrown. The ditch was approximately 1 foot wide and 8 inches deep.

Water Right 65-3328 completely overlaps the POU for this water right. Therefore, a combined condition will be needed that limits it to 8 acres and 0.16 cfs described in WR 65-3328. The volume will also be limited based on the 8 acres described in 65-3328 times the headgate requirement of 4.5 AF for 36 AF. The condition for installing a locking and measuring device may not be needed on this system. A letter to the water master for district 65 will be requested asking if they require this condition or will be waiving this conditions.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/01 to 11/15	0.070 CFS	10.30 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.70 AF
	<u>Totals:</u>	0.070 CFS	11.00 AF

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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name Steven Gardner Date 27 Sept 2012

Reviewer _____ Date _____

State of Idaho
Department of Water Resources
Attachment To Water Right License
65-23525

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

R02W



0 0.05 0.1 0.2 Miles

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



Field Exam Map for 65-23525

System Diagram



Water flows down the waste water ditch, under the road and on to the Payette River. There is a diversion gate at a bend in the ditch with allows water to flow down along the toe of the hill and west back into the waste water ditch. Water from the ditch flood irrigates the 3.3 acre field. Excess water flows through a culvert back into the waste water ditch. Horses are pastured on the land and drink from the waste water.

PHOTOGRAPHER AND DATE OF PHOTOS Glen Gardiner 11-Sept-2012

FILE NUMBER 65-23525



Photo looking south, standing on the POD. Water enters back into the waste water ditch by the trees in the background.



Photo of the gate into the ditch.