

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-22794

Exam Date: 11/23/2012

1. Current Owner: ANDREW SABEL
PO BOX 3910
KETCHUM ID 83340
(208) 726-3003
2. Accompanied by: Desktop review

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 37-22793

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW1/4NW1/4 Sec. 14, Twp 05N, Rge 17E, B.M.
BLAINE County

Method of Determination: Taxlot and imagery review coupled with permit map

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
05N	17E	14	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	1.4
											.9	.5							

Total Acres: 1.4

Method of Determination: Imagery and taxlot review coupled with application for permit map and map submitted for ownership change. It is clear from the application for permit that the applicant meant for use to take place on H.E.S. 329. I have assigned the shape consistent with that application map, which also coincides with taxlot data. IDWR's technological capabilities when the permit was issued were not as robust as they are not and only a nominal QQ was assigned for the shape at that time. Advances in technology allow us to assign a more precise and accurate shape. For illustrative purposes, I have attached a screenshot of H.E.S. 329 to this document.

D. FLOW MEASUREMENTS

1. Measurements: No measurement required since flow rate is less than 0.2 cfs. Permitted for 2 inches per acre but licensed at 1.5 inches per acre.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.4 \text{ acres} \times 3.5 \text{ AFA} = 4.9 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.05 \text{ cfs} \times 184 \text{ days} \times 1.9835 = 18.2 \text{ AFA}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4.9 \text{ AFA}$$

G. NARRATIVE/REMARKS/COMMENTS

We received a change of ownership for this permit and are moving forward with licensing. The change in ownership split the irrigation portion from the domestic and stockwater portions. The original permit was issued with the condition that the irrigation would occur only in the presence of a domestic use. That held true for the development phase and use was developed as permitted. However, the original permitholder sold the ground on which the irrigation occurred and the requirement for the irrigation to be in association with the domestic use is not applicable anymore, so we are removing that condition upon licensing.

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	05/01 to 10/01	~~0.050~~ CFS 0.04	4.90 AF
	<u>Totals:</u>	~~0.050~~ CFS 0.04	4.90 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 Monica Van Bussum Date 11/23/2012

Reviewer _____ Date _____

