

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 21-7391

Exam Date: 10/9/2013

1. Current Owner: ALWYN NEDROW
1264 N 3100 E
ASHTON ID 83420
(208)652-7531

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

NONE

3. SOURCE

HENRYS FORK

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use:
2. Other water rights with the same point of diversion: **NONE**

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

HENRYS FORK

L4 NW1/4NW1/4

Sec. 5, Twp 08N, Rge 42E, B.M.

FREMONT County

Method of Determination:

AIR PHOTOS

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
09N	42E	32	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
											38.0		40.0	38.0			32.0	14.0	162.0
											L 2	L 3				L 4	L 5		

Total Acres: 162

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 93 \text{ acres} \times 3.5 \text{ af/acre} = 325.5 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.26 \times 214 \times 1.9835 = 534.8 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 325.5 \text{ af}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

According to permit holder, water has been pumped from the Henrys Fork in drought years since the late 1980s. Water is diverted using a diesel pump. Pump is moved between pumping station on the Henrys Fork and one on Snow Creek based on water supply. Water pumped into mainline for distribution on entire place of use. Water rights from Snow Creek (21-79, 21-7080, 21-7081, 21-7280) cover a 274 acre place of use. This right is fully overlapped by the 274 acre place of use.

Water District 1 regulates the pump and tracks all water diverted from the pump throughout the year. Diversion No. 13046072. WD01 periodically measures the diesel pump for calibration purposes. The only measurement found in the record books was conducted in 2011. The diesel pump produced 1.26 cfs. Storage water is rented from Fremont Madison Irrigation District.

Permit described the POD in Lot 4 (NENW) of Section 5. Lot 4 is spatially located in the NWNW of Section 5. License will be issued with POD in Lot 4 (NWNW). No amendment needed.

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	04/01 to 10/31	1.260 CFS	325.5 af
<u>Totals:</u>		1.260 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 ☐ Other

I. AUTHENTICATION

Field Examiner's Name DAVE CARLSON Date 10/28/2013

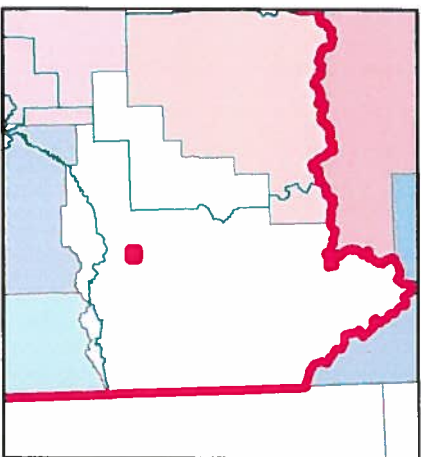
Reviewer _____ Date _____



Idaho Department of Water Resources

Water Right
21-7391
(IRRIGATION)

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Fremont County
IDWR Basin 21

Prepared by Carlson, Dave

2009 Aerial Photography

