

Permit No: 37-7949

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-7949

Exam Date: 6-3-2008

1. Current Owner: MICHAEL TELFORD
1450 W HWY 24
PAUL ID 83347

2. Accompanied by: Owner

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-7650
2. Other water rights with the same point of diversion: 37-7650

C. DIVERSION AND DELIVERY SYSTEM

Well, 30 hp motor, pump, mainline to cistern. Relift pumps in cistern to home, corrals and dairy barn

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

SE1/4NE1/4SE1/4 Sec. 2, Twp 04S, Rge 19E, B.M.

LINCOLN County

Method of Determination: GPS

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04S	19E	2																	

PLACE OF USE: Commercial

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04S	19E	2																	

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To	Nick Van Dyke	From	Jim Stenton
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

Method of Determination:

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☐ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
	Red Jacket	30	?	Same	

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>

2. Measurements:

Measured at 115 gpm (0.26 cfs) on 8-26-1999 by Brian Higgs for North Snake GW District

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

Measured 0.26 cfs, but permit is for 0.25 cfs (0.13 cfs for stockwater and 0.12 cfs for domestic). Allow permitted Amounts.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses:

WMIS shows average use for 2000-2003 at 30.5 afa. Existing right allows 7.9 afa, leaving 22.6 afa to be licensed.

Allow this amount for both uses to provide for maximum flexibility of future dairy operation.

G. NARRATIVE/REMARKS/COMMENTS

See field-report narrative in ad hoc data entry for water right.

Rights 37-7650 and 37-7949 when combined shall not exceed a diversion rate of 0.26 cfs and an annual diversion volume of 30.5 af.

Have conditions of permit approval been met? Yes

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
STOCKWATER	01/01 to 12/31	0.130 CFS	22.6 AF
COMMERCIAL	01/01 to 12/31	0.120 CFS	22.6 AF
<u>Totals:</u>		0.250 CFS	22.6 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 Jim Stanton Date 6/3/08

Reviewer Nick Van Ayle Date 9/4/08