

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8462

Exam Date: 7/6/2012

1. Current Owner: THOMPSON TRIUMPH TRUST
C/O GENE N THOMPSON
PO BOX 2584
SUN VALLEY ID 83353

Taxlot date shows the mailing address as: GENE THOMPSON
CHARLOTTE THOMPSON TR
6860 SW WINDING WAY
CORVALLIS OR 97333

2. Accompanied by: In office

3. SOURCE

GROUND WATER

TRIBUTARY**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: **37-387C: The shape file for 37-387C overlaps the POU for 37-8462, but the actual water right report and partial decree do not list the POU for 37-387C as being in the SWNE. I cannot figure out why the shape for 37-387C extends into the SWNE of S35, but it is clear from the tabular data that the water right that the actual POU does not include SWNE of S35. No overlap.**

2. Other water rights with the same point of diversion: **None**

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SW1/4NE1/4 Sec. 35, Twp 04N, Rge 18E, B.M. BLAINE County

Method of Determination:

Could not find well log. POD placed as best guess on the property.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	18E	35			1.0														1.0

Total Acres: 1

DOMESTIC same as IRRIGATION

Method of Determination:

3. ☒ 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).

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>
--------------------------------------	-------------------	-----------	-------------------------	------------------	--

n/a

*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: **In-office review. No measurements required**

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Application Processing memo #17 authorizes recommending a diversion rate of up to 0.03 cfs per acre for irrigation of up to 5 acres. Can verify 1 acre of irrigated ground using GIS.

Domestic use for internal use only. Recommend standard diversion rate of 0.02 cfs and 0.6 AFA

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (1 \text{ acre})(3.5 \text{ af}) = 3.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.03 \text{ cfs})(200 \text{ days})(1.9835) = 11.9 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.5 \text{ AF}$$

2. Volume Calculations for Other Uses:

Internal Domestic use standard = 0.6 AF

G. NARRATIVE/REMARKS/COMMENTS

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 11/01	0.030 CFS	3.50 AF
DOMESTIC	01/01 to 12/31	0.020 CFS	0.60 AF
<u>Totals:</u>		0.050 CFS	4.10 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 Greg L. Smith Date 7-9-12

Reviewer _____ Date _____

State of Idaho
Department of Water Resources

Reference Map

Water Right No. 37-8462

This map depicts the IRRIGATION and DOMESTIC place of use and point of diversion.

R18E

T04N



0 0.03 0.06 0.12 Miles

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

