

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 22-13308

Exam Date: 8/24/2011

1. Current Owner: JAYSON CALDERWOOD
707 S HWY 33
VICTOR ID 83455
(208) 787-2820

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
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| GROUND WATER | |

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Rights held by Trail Creek Sprinkler Irrigation Co.
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER L2 NW1/4NE1/4 Sec. 2, Twp 03N, Rge 45E, B.M.
TETON County

Method of Determination:

2.

PLACE OF USE: COMMERCIAL

[illegible]

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</u> <u>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</u> <u>Size</u>
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*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

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

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: The installed flow meter was used to measure the rate of diversion. The observed rate of diversion was 28.1 gallons per minute, which equates to 0.06 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses:

The use of water under this right qualifies under Idaho Code 42-111 (b). This right will be limited to 2,500 gallons per day.

G. NARRATIVE/REMARKS/COMMENTS

The commercial use under this right is for a nursery. Existing submersed pump and distribution system used in the nursery. Drip system used for watering trees. Flow meter has been installed and in working conditions. Right holder also has shares in the Trail Creek Sprinkler Irrigation Co. which are used to water majority of the nursery. The use of water under this right falls under Idaho Code 42-111 (b).

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>
COMMERCIAL	01/01 to 12/31	0.040 CFS	
<u>Totals:</u>		0.040 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

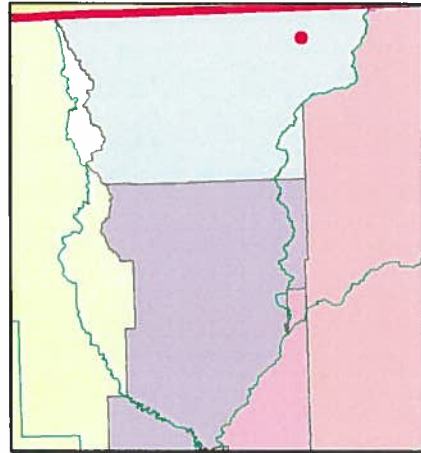
Field Examiner's Name Blake Jordan Date 8/24/2011
 Reviewer James Cefalo Date Nov 20, 2012



Idaho Department of Water Resources

Water Right
22-13308
(COMMERCIAL)

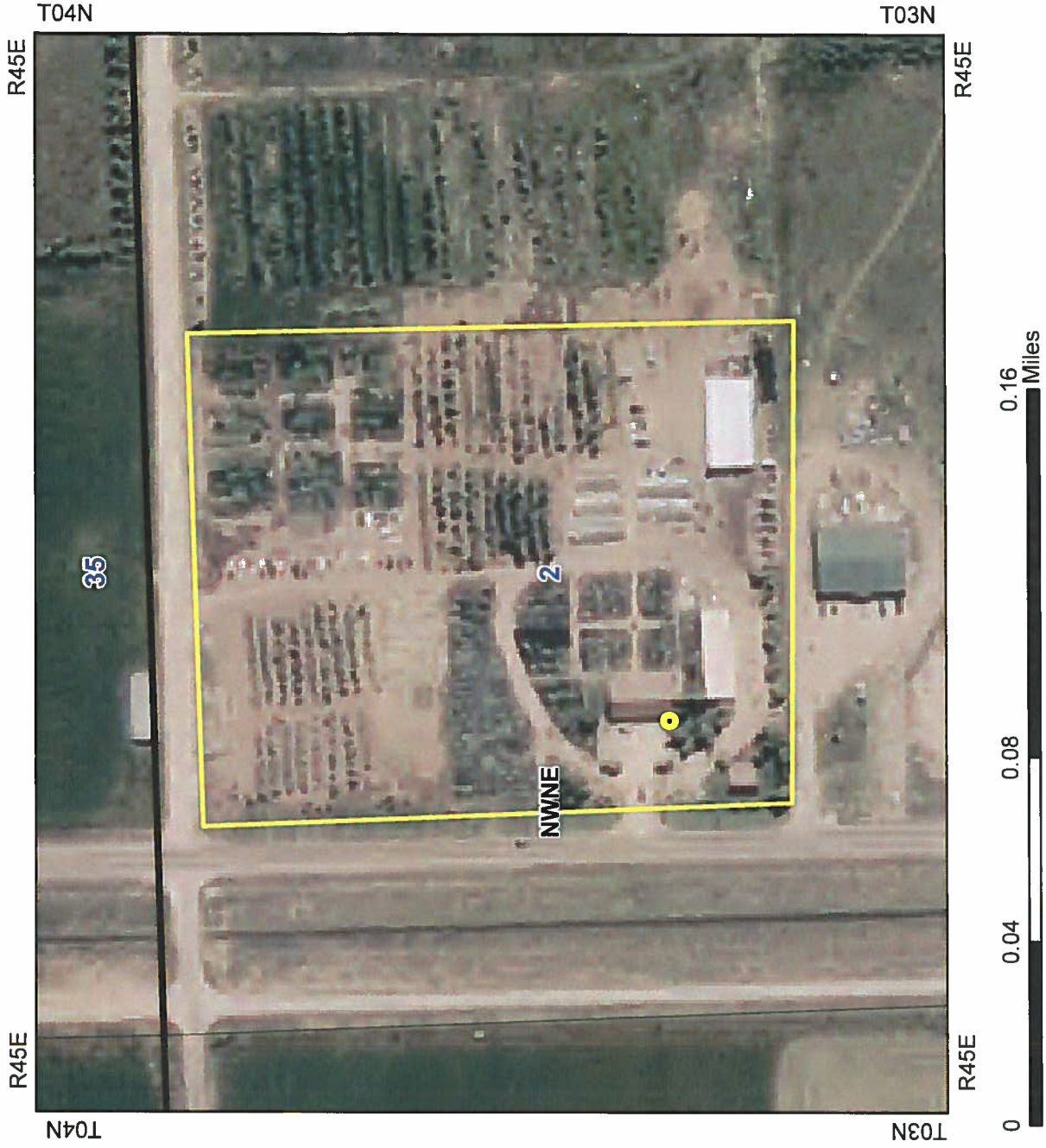
- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Teton County
IDWR Basin 22

Prepared by Jordan, Blake

2009 Aerial Photography



Owner: Jayson Calderwood
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

