

[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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A0018284

*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: No measurement made, de minimus rate of diversion.

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: De minimus flow.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

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

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

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

2. Volume Calculations for Other Uses:

Domestic = 0.6 AF for home, 0.6 AF for lawn and landscaping. 1.2 AF total

Stockwater = 12 gal/day/head x 100 head = 1200 gal/day x 365 days per year = 438000 gal / 325850 gal per acre-foot = 1.3 AF

Total volume = 2.5 AF

G. NARRATIVE/REMARKS/COMMENTS

During the field exam, I spoke with the new owner of the property, Ted Swanson. He said they have owned the property for 11 years. They also water the yard and landscaping and use water in the house. He says the pump is a 1.5 HP submersible

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>
STOCKWATER	01/01 to 12/31	0.030 CFS	1.30 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	1.20 AF
<u>Totals:</u>		0.040 CFS	2.50 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 James Bitzenburg

Date 09-30-2011

Reviewer



Date

12/21/2011



Water Trough in corral



Wellhead and plumbing in well house.



House and yard.

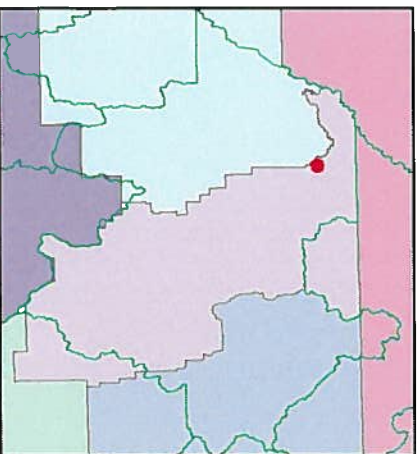


Idaho Department of Water Resources

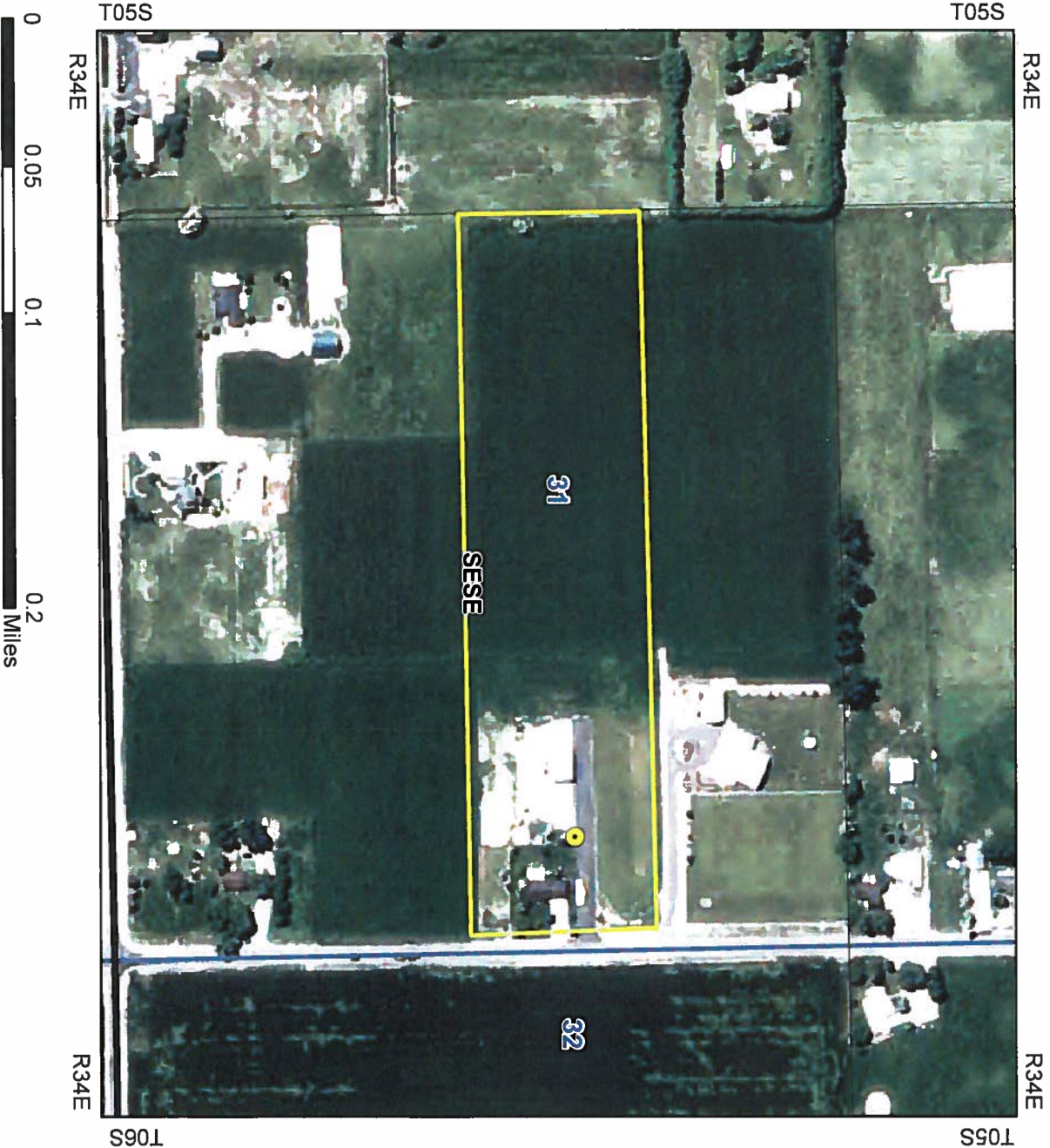
Water Right
29-8225
(STOCKWATER)

Legend

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



Bannock County
IDWR Basin 29

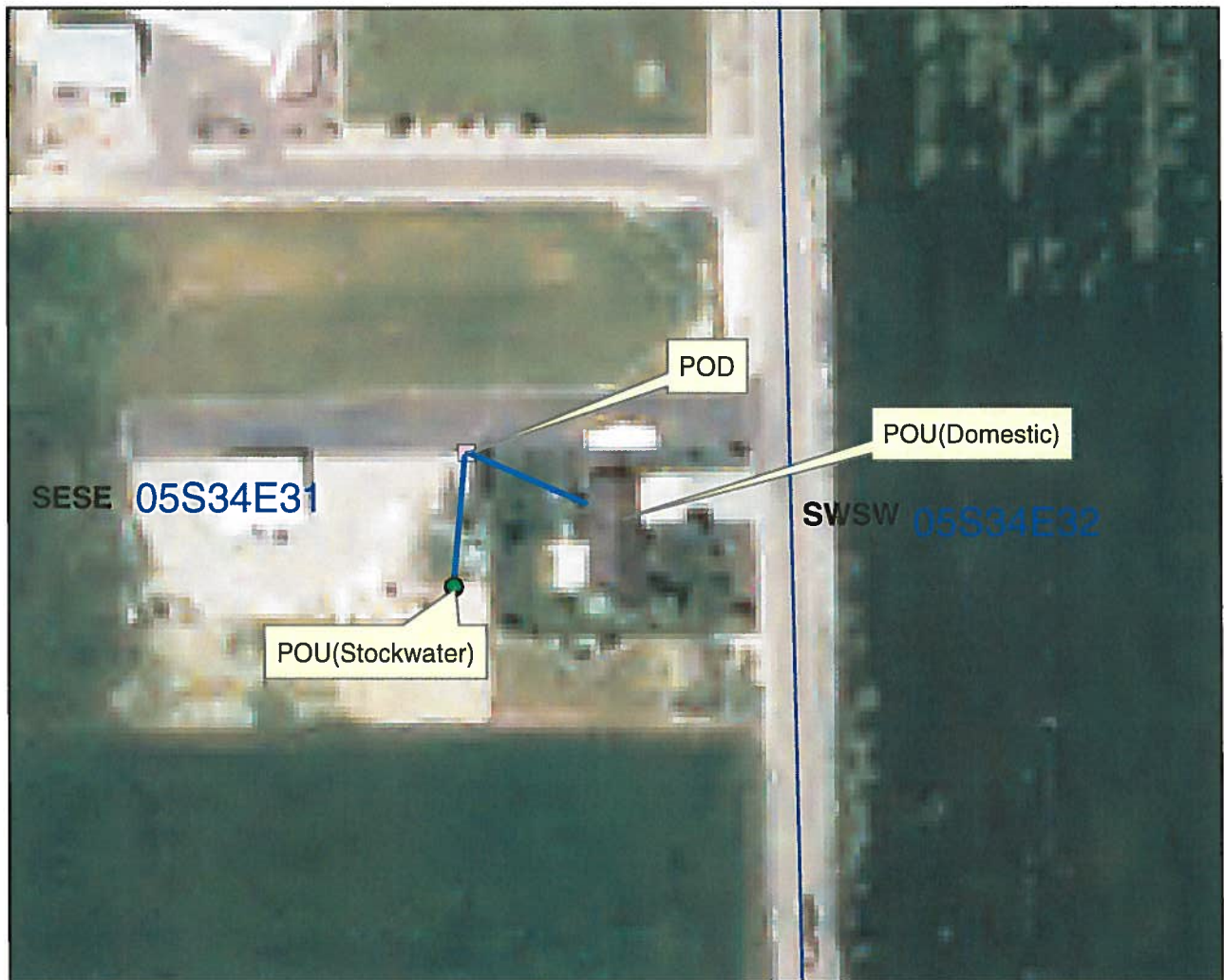


Owner: Nolan M Hansen
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

Prepared by Bitzenburg, James
On September 30, 2011
2009 Aerial Photography



Idaho Department of Water Resources



Nolan Hansen Pamela Hansen

Water Right 29-8225

Domestic and Stockwater

Prepared by James Bitzenburg On October 30, 2001

Legend

-  Water Right POD
-  Township/Range
-  Sections
-  QQ

2009 Aerial Photography

1 inch = 115 feet