

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

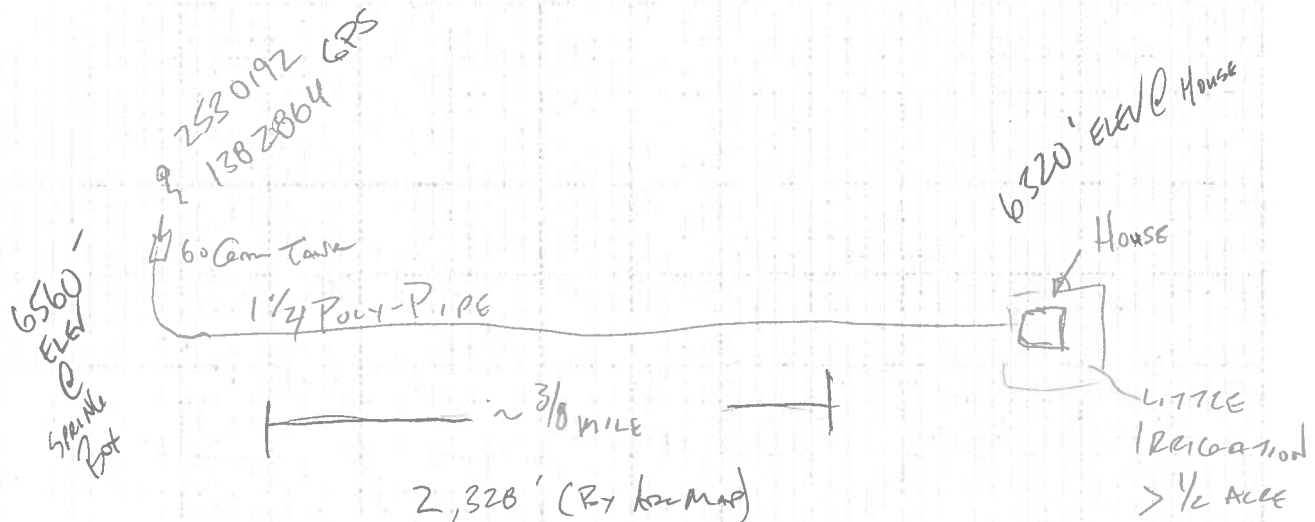
Permit No. 34-13869
1. Owner: Tom WADDOWS, ELSIE WADDOWS Phone No. 208-554-3813
Current Address: _____
2. Accompanied by: Tom WADDOWS EXAM. DATE: 30 May 2008
Address: _____ Phone No. _____
Relationship to Permit Holder: SAME
3. Source: SPRING tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE 34-13606
_____ ☐ Copies Attached
2. Other water rights with same point of diversion: NONE
_____ ☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____.

2. ☐ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more).
☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

6" PVC IN SPRING NECKS DOWN TO 1 1/4" Poly FOR ABOUT 10' WHERE IT DUMP INTO A 60 GALLON POLY-TANK. THIS TANK FEEDS THE 1/2 MILE OF 1 1/4" POLY PIPE TO THE HOUSE. THE POLY-PIPE IS BURIED ON THE NORTHERN SIDE OF HOOLEY CREEK

☐ See Remarks on page 4 for continuation

- 4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
1		SE	SE	NW	29	04N	24E	BUTTE	GPS + Aerial Map

6. Place(s) of Use:

Indicate Method of Determination _____

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
04N	24E	29				D													

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

UNABLE TO PHYSICALLY MEASURE

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method: BY HAZEN-WILLIAMS SYSTEM IS CAPABLE OF 0.04 cfs

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3) : Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Ampsx .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$ _____

2. Volume Calculations for Other Uses:

H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1 May	15 Oct	0.02 cfs	1.2
Totals:				

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 |

J. AUTHENTICATION

Field Examiner's Name Joe Larsen

Signature _____

Certification Date _____

Field Report Preparation Date 7/11/2012 DC

CONSULTANT SEAL

- K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.



84-13869



34-13869

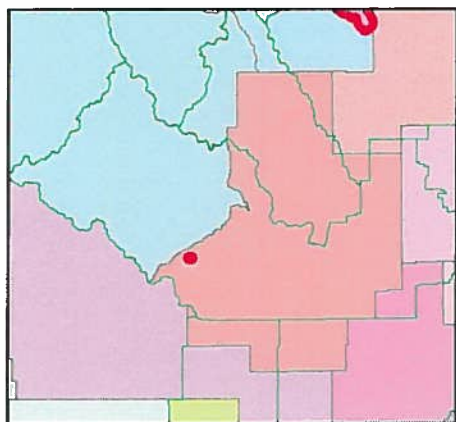


Idaho Department of Water Resources

Water Right
34-13869
(DOMESTIC)

R24E

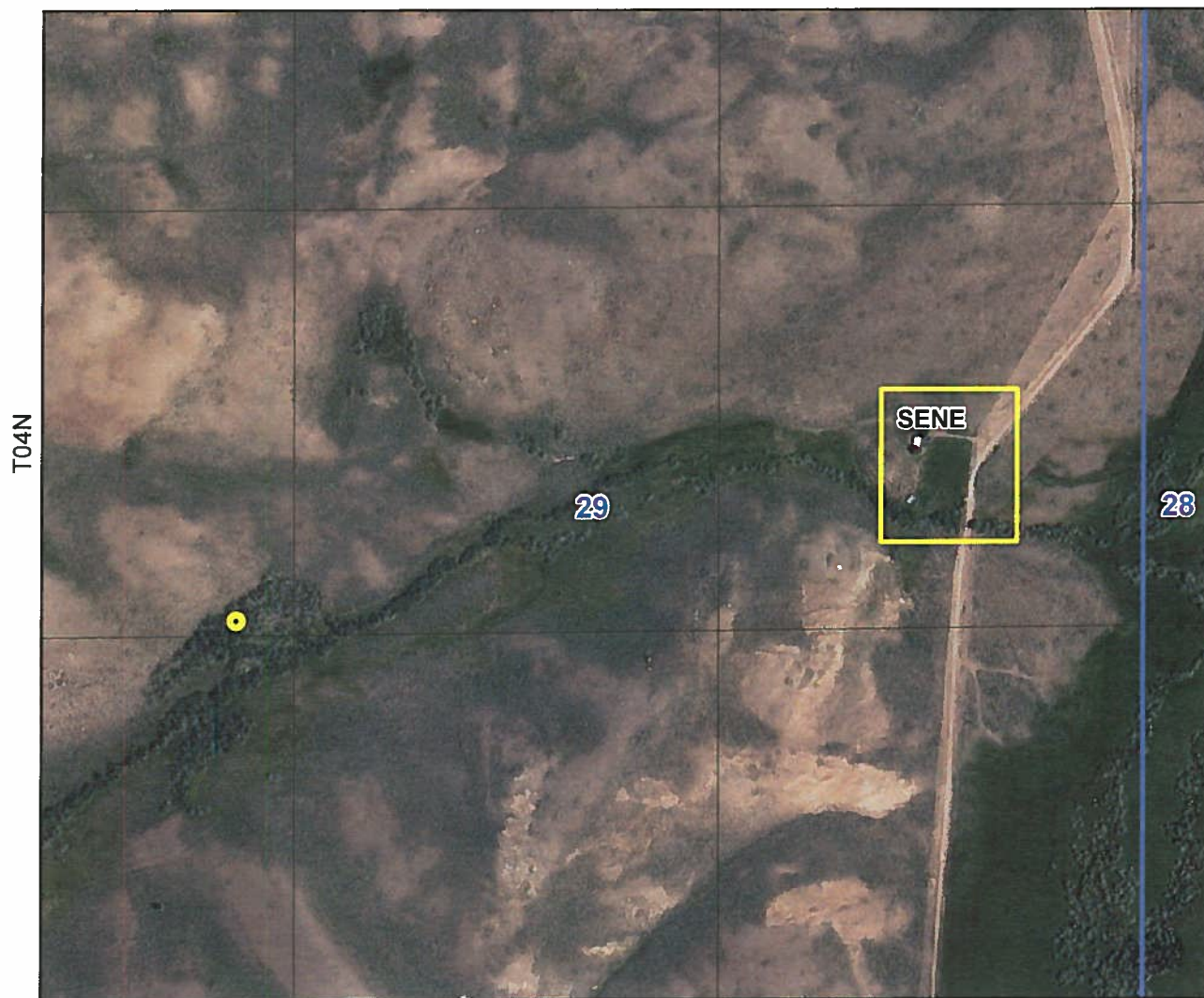
-  Point of Diversion
-  Place of Use
-  State Outline
-  Townships
-  PLS Sections
-  Quarter Quarters



Butte County
IDWR Basin 34

Prepared by Carlson, Dave

2009 Aerial Photography



0 0.1 0.2 0.4 Miles

Hazen-Williams Equation Calculator

Permit No. 34-13869/Waddoups

Enter These Parameters From the Worksheet

Pipe Diameter (ft)	0.1
Pipe Length (ft)	2328
Elevation Drop (ft)	200
Values for Type of Pipe (Ch)	150
Discharge (cfs)	0.04

Pipe Values

150 -plastic PVC
140 -very Smooth
130 -cast iron
120 -wood, concrete
110 -riveted steel
100 -old cast iron
80 -badly corroded cast iron

CREATED BY

JUN 02 2008

J LARSEN

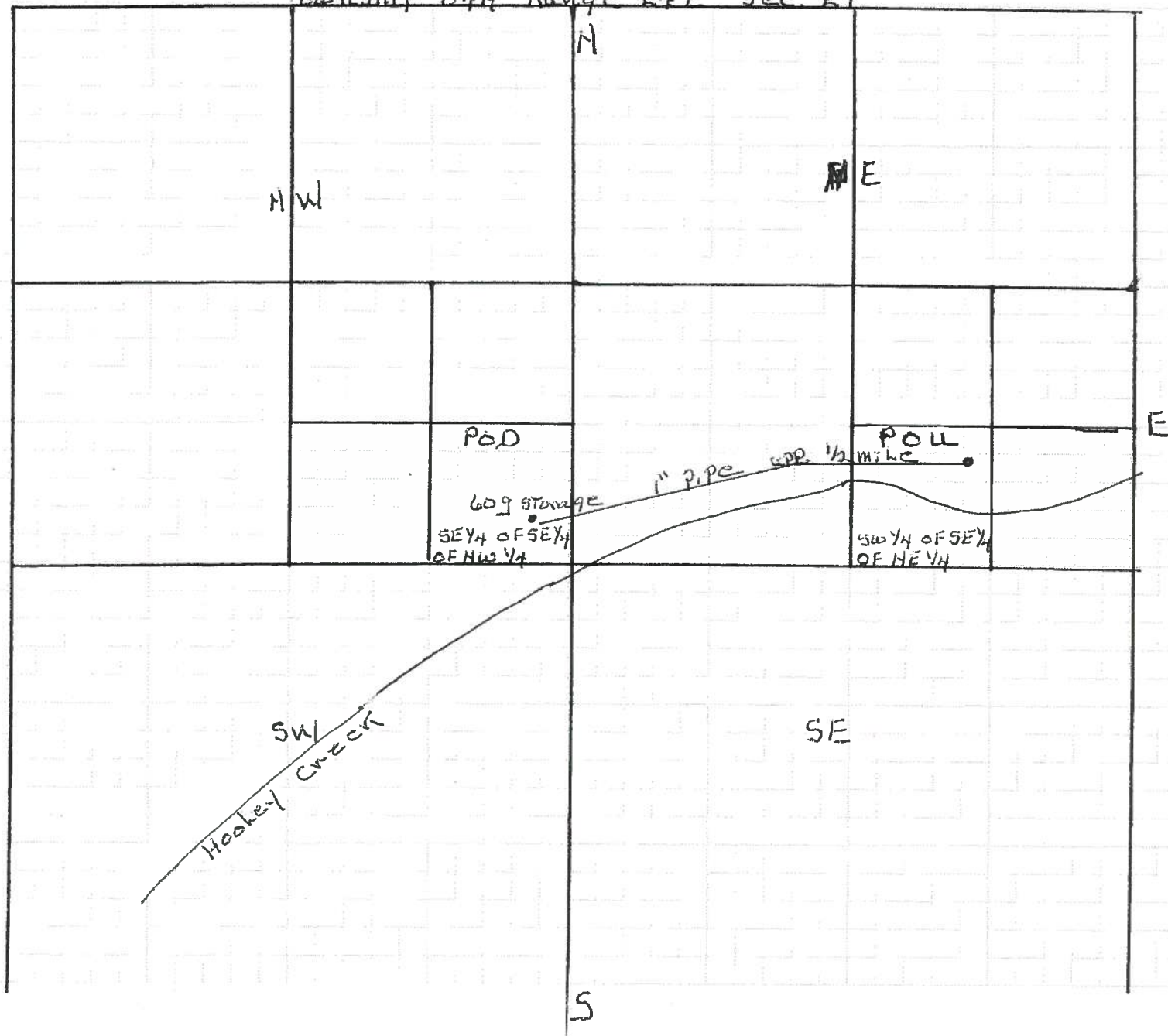


84-13869



34-13869

Township 04N Range 24E Sec. 29



PRE-EXAM CHECK LIST

Permit No. 34-13869 Name of Examiner Joe Larsen

A. PREPARE EXAM FILE

☒ Copy permit and documents which modify the permit.

☒ Exam fee required \$ 50.00

☒ Exam fee paid \$ 50.00

Is fee sufficient? yes ☒ no ☐

☒ Fee due date 1 Nov 2006

☒ Fee received date 29 Nov 2005

Is fee late? no ☒ yes ☐ (calculation of new priority will be made at the State Office)

☒ Check conditions of approval

Measuring device required? N

Measurement required? N

☐ Request place of use overlap report (if irrigation - POU comparison)

☐ Request point of diversion report (do not use microfiche)

☒ Check for Govt. Lots at point of diversion and at place of use.

☒ Copy USGS map. Map number X30

☒ Copy of aerial photo (Required for irrigation rights of more than 10 acres)

B. CONTACT PERMIT OWNER

☐ Appointment letter Date sent

C. ADDITIONAL INFORMATION

Talked To Tom Waddams on 21 May 08 / Called
28 May 2008 To Set APPT. on Friday 30 May 08 @ ~1pm

04N24E20

04N24E21

04N24E29

04N24E28

04N24E32

04N24E33

