

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 35-13611

Exam Date: 6/2/2015

1. Current Owner: JOURNEYS END HOMEOWNERS ASSN
PO BOX 184
SHELLEY ID 83274
(208)357-7885

2. Accompanied by: Troy Lindsay

Phone No: (208) 851-8884

Address:

Relationship to Permit Holder: Vice President of HOA's

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

- Other water rights with the same place of use: 35-13612
- Other water rights with the same point of diversion: 35-13612

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

GROUND WATER	L4 SW1/4NW1/4SW1/4	Sec. 19,	Twp 01N,	Rge 37E, B.M.
BINGHAM County				
GROUND WATER	L5 NW1/4SW1/4SW1/4	Sec. 19,	Twp 01N,	Rge 37E, B.M.
BINGHAM County				

Method of Determination: GPS and aerial photography

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	37E	19							X		X	X	X	X					
									L 3		L 14	L 4	L 5	L 6					
														X					
														L15					

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	
01N	37E	19												X					
														L 6					

Method of Determination: Aerial photography

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- ___X___ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ___X___ Aerial Photo Attached (required for irrigation of 10+ acres).
- ___X___ 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>
D0033189	General Electric	75	40212037		
D0033188/E008242		30			

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

D. FLOW MEASUREMENTS

1.

Measurement

<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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Flowmeter	Ultrasonic	Fuji				
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Installed meter	Propeller	McCrometer				
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2. Measurements:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Observed rate of diversion from well # 2 = 313 gallons per minute. (Fuji flowmeter reading)

Observed rate of diversion from well #1 = 900 gallons per minute. (McCrometer reading)

Total capacity of the system = 1213 gallons per minute = 2.7 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses:

5 homes (in-house) x 0.6 acre-feet = 3.0 acre-feet

1 meeting hall/pro shop x 0.6 acre-feet = 0.6 acre-feet

Total volume = 3.6 acre-feet.

G. NARRATIVE/REMARKS/COMMENTS

Water delivery system consists of two interconnected pumps (75 hp and 30 hp) diverting water through a common mainline to 64 homes and 1 meeting hall/pro shop. Rights 35-13611 and 35-13612 combined provide water for 64 homes and 1 meeting hall/ pro shop. Right 35-13612 is for 59 homes. Right 35-13611 was filed in 2007 to cover an additional 5 homes and 1 meeting hall/ pro shop. This right will be licensed for 5 of the 64 homes and 1 meeting hall/ pro shop within the Journeys End Golf Course Community.

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>
DOMESTIC	01/01 to 12/31	0.110 CFS	3.00 AF
COMMERCIAL	01/01 to 12/31	0.040 CFS	0.60 AF
	<u>Totals:</u>	0.110 CFS	3.60 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

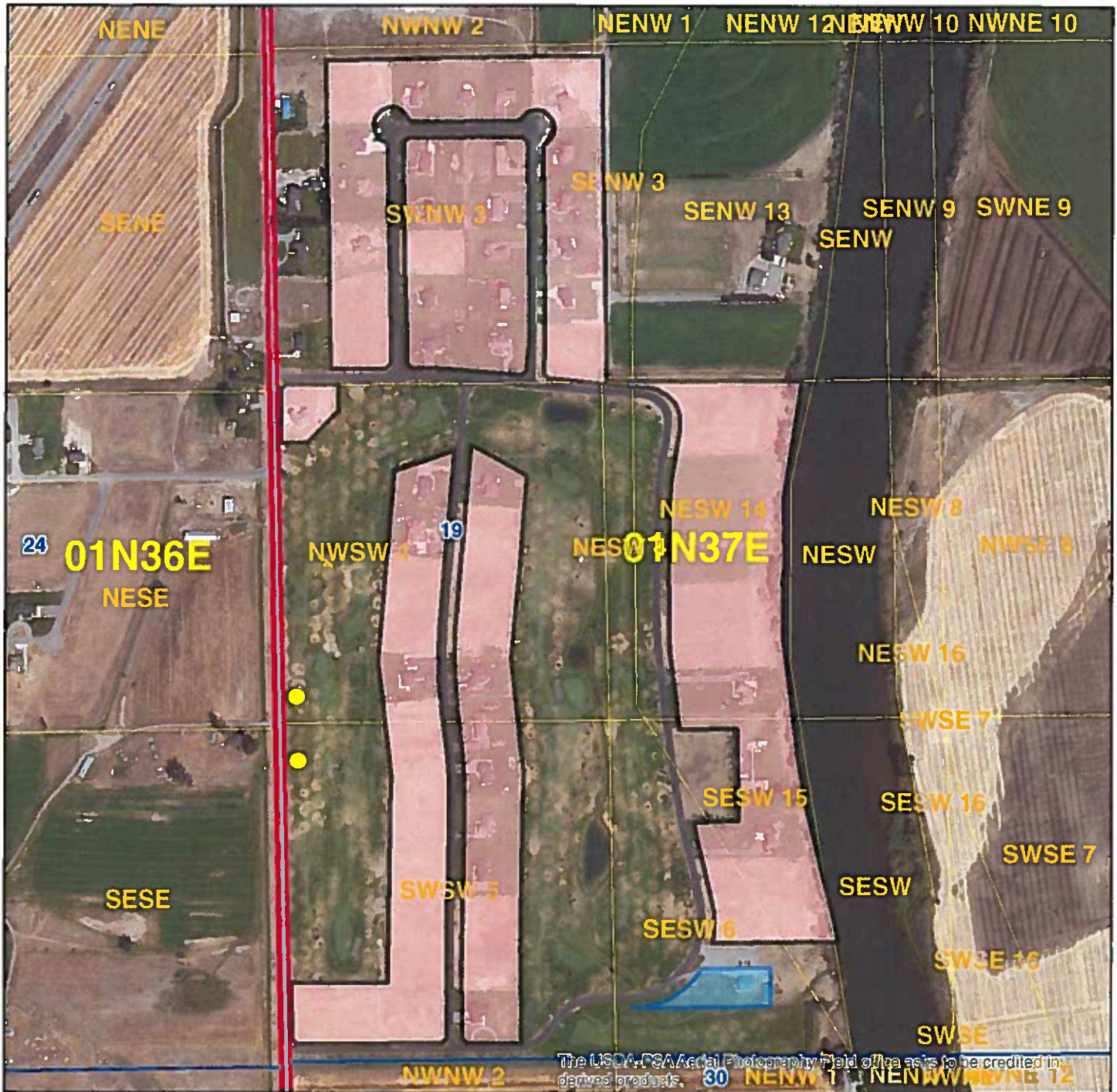
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Blake Jordan Date 9/9/2015

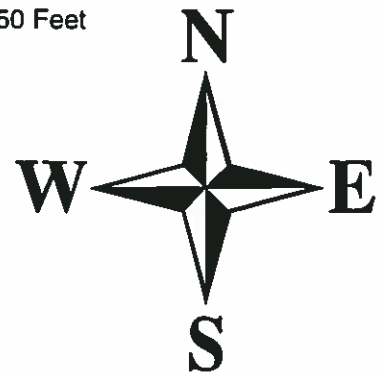
Reviewer _____ Date _____

35-13611



The USDA-PCA Aerial Photography Field office asks to be credited in derived products.

0 337.5 675 1,350 Feet
1 inch = 579 feet



- Points of Diversion
- Commercial_POU
- Domestic_POU
- Township/Range
- Sections
- QQ

Well #1



Well #2

