

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 25-14189

Exam Date: 5/4/2015

1. Current Owner: LAZY EIGHT ESTATES DIVISION 2 HOMEOWNERS ASSN INC
8893 SADDLE HORN DR
IDAHO FALLS ID 83404
(208)589-4849
2. Accompanied by: Erin Bingham
Phone No: (208)521-2554
Address: 8691 S Saddle Horn Dr. Idaho Falls, ID 83404
Relationship to Permit Holder: President

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

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

GROUND WATER

SE1/4SW1/4

Sec. 17, Twp 01N, Rge 38E, B.M.

BONNEVILLE County

Method of Determination: GPS and aerial photography

2.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
01N	38E	17			X	X					X			X		X			

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.
☒ 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 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>
D0048413		30			

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>
Flow meter		Fuji				

2. Measurements:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: Flow rate measurement taken using a Fuji ultrasonic flow meter. Observed rate of diversion was approximately 300 gallons per minute or 0.67 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:

$$\text{Domestic use (in-house only)} = 29 \text{ homes} \times 0.6 \text{ acre-feet} = 17.4 \text{ acre-feet.}$$

G. NARRATIVE/REMARKS/COMMENTS

Water delivery system consists of a 30 horse power submersible pump piped to the Lazy Eight Estates Division 2 Subdivision. Water system is equipped with a flow meter. Domestic use is for 29 homes in-house use only. Lots are irrigated with canal shares.

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	0.500 CFS	17.40 AF
<u>Totals:</u>		0.500 CFS	17.40 AF

2. Recommended Amendments

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

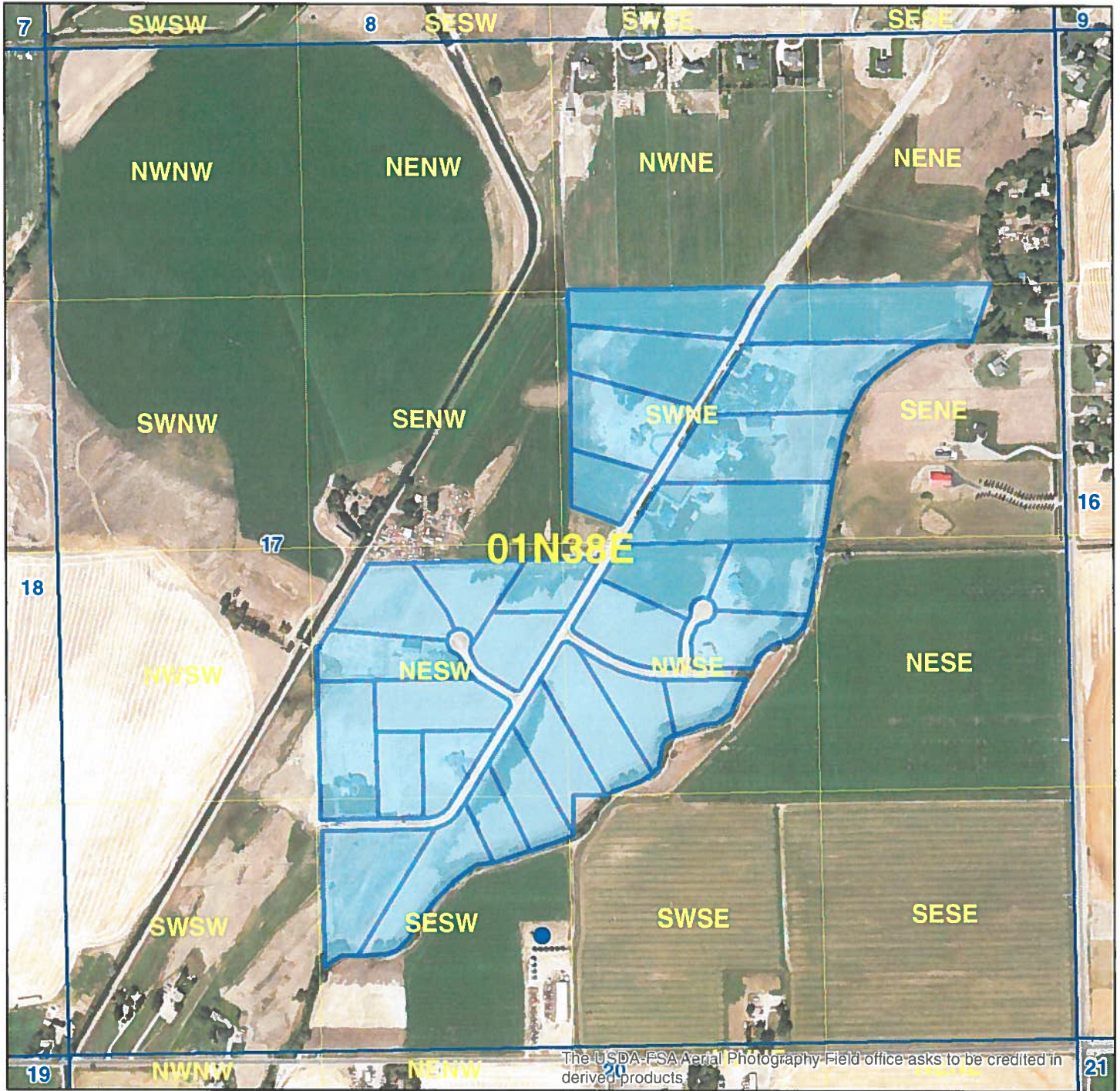
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ Other

I. AUTHENTICATION

Field Examiner's Name Blake Sordan Date 5/4/2015

Reviewer _____ Date _____

25-14189



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

Legend

- Point of Diversion
- Lazy_Eight_Estates_POU
- Township/Range
- Sections
- QQ

0 387.5 775 1,550 Feet
1 inch = 776 feet



