

[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 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>
D0014152					

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

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>
Fuji	Portaflow	Fuji	901012	00F4099T		

2. Measurements: 68.57 GPM

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method:

$$68.57/448.83 = 0.15 \text{ CFS}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 7 \times 3.5 = 24.5 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = .15 \text{ CFS} \times 214 \text{ days} \times 1.9835 = 63.67 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 21 \text{ AF}$$

2. Volume Calculations for Other Uses:

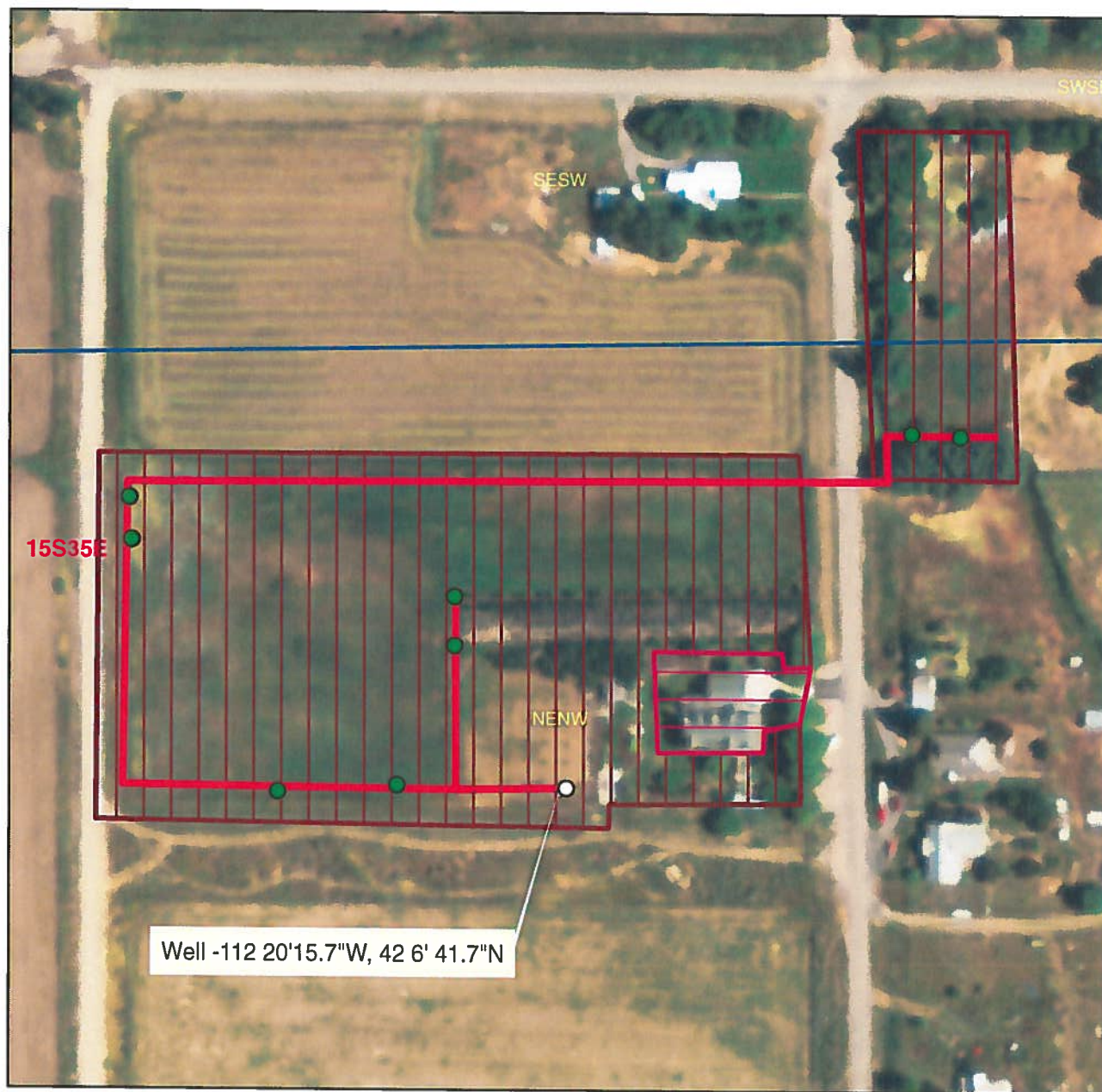
$$\text{Standard volume for in-house domestic} = 0.6 \text{ af}$$

G. NARRATIVE/REMARKS/COMMENTSHave conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts**

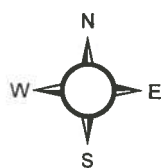
<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	0.150 CFS	24.5 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
	<u>Totals:</u>	0.150 CFS	25.1 AF

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 Kenneth Mathias Date 8.28.12

Reviewer _____ Date _____



Diversion System with well and risers 15-7175



- Domestic Use
- Place of Use
- Diversion System
- Township/Range
- Sections
- QQ

2011 Aerial Imagery

0 0.015 0.03 0.06 Miles

Field Inspection – 15-7179 – August 28, 2012

