

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

Permit No: 15-7188

Exam Date: 6/10/2014

1. Current Owner: GARY R MOORE  
5225 W 2000 N  
MALAD CITY ID 83252  
AND/OR  
MARILYN G MOORE  
5225 W 2000 N  
MALAD CITY ID 83252
2. Accompanied by: Gary Moore  
Phone No: 208-766-5263  
Address:  
Relationship to Permit Holder:

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 SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SE1/4SE1/4  
ONEIDA County

Sec. 10, Twp 14S, Rge 35E, B.M.

Method of Determination: GPS and Aerial Photography.

**2. PLACE OF USE: IRRIGATION**

| Twp | Rge | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |     | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE  |        |
| 14S | 35E | 10  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 9.3 | 9.3    |

Total Acres: 9.3

Method of Determination: Aerial Photography, GIS.

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><br><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><br><u>Size</u> |
|--------------------------------------------|-------------------|-----------|-------------------------|------------------|----------------------------------------------------|
| D0014079                                   | Unknown           | 5         |                         | Submersible      |                                                    |
|                                            |                   |           |                         |                  |                                                    |
|                                            |                   |           |                         |                  |                                                    |

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

**D. FLOW MEASUREMENTS**

1.

| <u>Measurement</u><br><u>Equipment</u> | <u>Type</u> | <u>Make</u> | <u>Model No.</u> | <u>Serial No.</u> | <u>Size</u> | <u>Calib. Date</u> |
|----------------------------------------|-------------|-------------|------------------|-------------------|-------------|--------------------|
| Flowmeter                              | Ultrasonic  | FUJI        | Portaflow        | 00F1099T          |             | 2014               |

2. Measurements:

Flowmeter attached to pipe on portable irrigation system. A ten minute flowmeter reading was performed. Maximum instantaneous flow rate was 55 gpm or 0.13 cfs.

**E. FLOW CALCULATIONS**☐ Additional Computation Sheets Attached

Measured Method:

Measured Flow= 0.13 cfs

**F. VOLUME CALCULATIONS**

## 1. Volume Calculations for Irrigation:

$$V_{I.R.} = 9.3(\text{Acres Irrigated}) \times 3.5 (\text{Irrigation Requirement}) = 32.6$$

$$V_{D.R.} = .123 [\text{Diversion Rate (cfs)}] \times 214 (\text{Days in Irrigation season}) \times 1.9835 = 52.0$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 32.6$$

## 2. Volume Calculations for Other Uses: None

**G. NARRATIVE/REMARKS/COMMENTS**

System runs off a 5 hp submersible pump. At the time of measurement the pump was running 10 portable sprinkler pods. Irrigation system is also composed of handlines on the north end of the property and 10 more portable sprinkler pods on the east side of the property. Current owner indicated that he can only run one set of sprinkler pods or handlines at a time.

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> |
|-----------------------|----------------------|-----------------------|----------------------|
| IRRIGATION            | 4/01 to 10/31        | 0.13 CFS              | 32.6 AF              |
| <u>Totals:</u>        |                      | 0.13 CFS              | 32.6 AF              |

## 2. Recommended Amendments

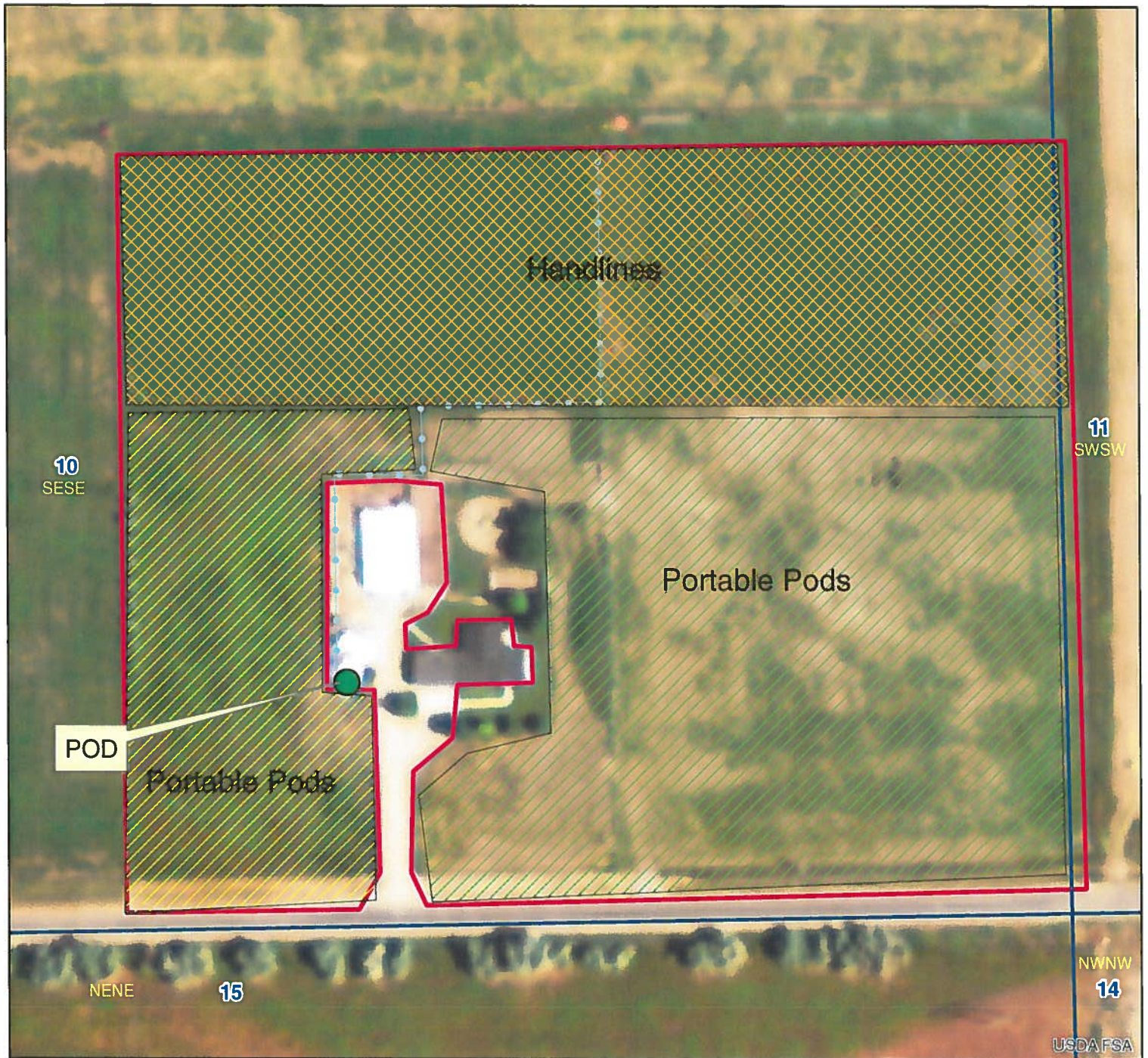
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

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

**I. AUTHENTICATION**

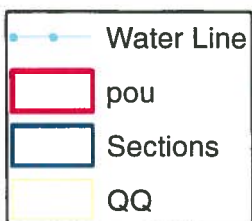
Field Examiner's Name James B. [Signature] Date 12/29/14

Reviewer [Signature] Date \_\_\_\_\_



USDA FSA

N



0 0.02 0.04 0.08 Miles

