

Method of Determination: Map

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> <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> <u>Size</u>
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*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <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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2. Measurements: No measurement made. De minimus rate of diversion.

E. FLOW CALCULATIONS

Measured Method: De minimus flow.

____ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

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

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

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

2. Volume Calculations for Other Uses:

$$\text{Pond volume} = 120 \times 52 \times 3.5 = 21840/43560 = 0.5 \text{ AF}$$

$$15-7116 = 0.1 \text{ AF}$$

$$15-7169 = 0.5 \text{ AF}$$

$$\text{Total pond volume} = \underline{\underline{0.6 \text{ AF}}}$$

G. NARRATIVE/REMARKS/COMMENTS

Water flows downhill from POD to pond in a 4 inch PVC pipe. Pond dimensions are approximately 120 x 52 x 3.5 feet for a volume of 0.6 AF. Fish are visible in pond. Overflow and seepage from pond drain into Deep Creek.

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>
RECREATION STORAGE	01/01 to 12/31		0.50 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.030 CFS	
<u>Totals:</u>		0.030 CFS	0.50 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 Bitzenburg

Date 08-16-2012

Reviewer James Cefalo

Date Oct 31, 2012

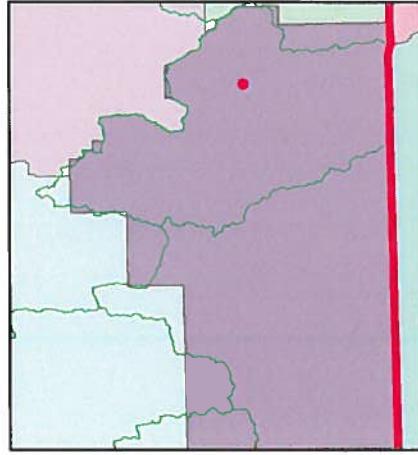


Idaho Department of Water Resources

Water Right
15-7169

(RECREATION STORAGE)

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



Oneida County
IDWR Basin 15
Prepared by Bitzenburg, James
On October 19, 2012
2009 Aerial Photography



Owner: Ted D Mac Farlane
NOTE: Only one owner is listed. There may or may not be more than this in the IDWR database.

Idaho Department of Water Resources



MacFarlane
15-7169

Legend

-  15-7169
-  Township/Range
-  Sections
-  QQ

2011 Aerial Photography

1 inch = 110 feet

