

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7283

Exam Date: 8/21/2014

1. Current Owner: BOYD MARK STONE
882 BRUNDAGE
CHUBBUCK ID 83202
(208)237-8605
2. Accompanied by: Owner
Phone No:
Address:
Relationship to Permit Holder:

3. SOURCE

SPRING

TRIBUTARY

MALAD RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 15-7281
2. Other water rights with the same point of diversion: 15-7281

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

SPRING

NW1/4NW1/4SE1/4

Sec. 12, Twp 14S, Rge 35E, B.M.

ONEIDA County

Method of Determination: GPS and aerial photography.

2.

PLACE OF USE: STOCKWATER

Twp	Rge	Sec	NE				NW				SW				SE				Totals
14S	35E	12	<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>	
																X			

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</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>
<u>ID No.*</u>					
N/A					

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
<u>Equipment</u>						
Portable Flowmeter	FSC	Fuji	S10A1-00Y	AOL5539T		April/2015

2. Measurements: : A 17 min measurement of the flow rate was conducted. Maximum instantaneous flow rate as 7.9 GPM or .02 cfs. Owner stated that the storage in the pond is kept at the same level year round and therefore the diversion from storage outflow is equal to the spring inflow. Measurement was taken at the diversion from storage point.

E. FLOW CALCULATIONS☐ Additional Computation Sheets Attached

Measured Method: Flowmeter

Measured flow = .02 cfs

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation: N/A**

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

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

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

2. Volume Calculations for Other Uses:

Volume calculation is for 15 dogs (stockwater) per year.

15 dogs x 2 gallons/ day x 365 days = 10950 gallons / year.

Minimum volume in acre feet allowed = 0.1 AF

G. NARRATIVE/REMARKS/COMMENTS

System is a gravity fed pipe diverting from a storage on-stream pond. Water is distributed using a 1 inch pipe
Water right shares POD with irrigation right 15-7281.

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>
STOCKWATER	01/01 to 12/31	0.020 CFS	0.10 AF
<u>Totals:</u>		0.020 CFS	0.10 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 Scott Bergendorf Date 1/20/2016

Reviewer _____ Date _____



