

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7267

Exam Date: 7-17-2008

1. Current Owner: JULI A GLEED
738 W HWY 38
MALAD ID 83252
(208)766-4065
2. Accompanied by: Farrell Atkinson
Phone No: (801) 391-7769 Cell (801) 766-4065
Address: Same as above.
Relationship to Permit Holder: Father

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: Samaria Water and Irrigation
2. Other water rights with the same point of diversion: N/A

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

GROUND WATER NE1/4NW1/4SW1/4 Sec. 14, Twp 15S, Rge 35E, B.M.
ONEIDA County

Method of Determination: GPS, Field Survey

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	
15S 35E 10																30.0	30.0
15S 35E 14							19.0			2.4							21.4
15S 35E 15			2.0	37.0									1.9				40.9

Total Acres: 92.3

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>
<u>A0012302</u>	<u>Submersible</u>	<u>80</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

*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>
<u>Sonic Flow Meter</u>	<u>FLD12</u>	<u>Fuji</u>	<u>S1011</u>	<u>7K0089TB</u>	<u></u>	<u>3/26/2008</u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

2. Measurements:

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method:

$$\frac{8046 \text{ g}}{10 \text{ min.}} = \frac{804.6}{448.83} = 1.8 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 92.3 \times 3.5 = 323.05$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.8 \times 214 \times 1.935 = 745.4$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 323.05$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

POD was located at GPS N 42° 07.180' W 112° 20.501' T15S R35E SEC 14 NENWSW. Diversion Tag #A0012302 was applied to a railroad tie south of the pump where the power box was installed. The system has an 80 Hp submersible pump running 6 wheel lines with various lengths, (5/32 nozzles).

Four wheel lines located at T15S R35E SEC 14 SWNW and T15S R35E SEC 15 SENE.

Line #1- 32 birds

Line #2- 21 birds

Line #3- 27 birds

Line #4- 25 birds

Two wheel lines located at T15S R35E SEC 10 SESE.

Line #1- 23 birds

Line #2- 25 Birds

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	04/01 to 10/31	1.800 CFS	323.10 AFA
<u>Totals:</u>		1.800 CFS	323.10 AFA

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 Denise Kidman Date 10-29-08

Reviewer _____ Date _____



Photo #1 - Pump system N 42° 07.182' W 112° 20.501'



Photo #2 - Drill tag # D0037833



Photo #3 - Fou showing wheel lines, looking north west,
at South East Corner. T15S R35E SEC 14, B.m. (nwsu)



Photo #4 - Diversion Tag #A0012302



Photo#5 - Pou showing wheel lines, facing North East at SW corner. T15S R35E SEC 10 SESE, B.m.

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NESE	Total
Right	15 4009	SAMARIA WATER & IRRIGATION	SP 15S35E10	X						0
Right	15 2024	SAMARIA WATER & IRRIGATION	SP 15S35E10			X				0
Right	15 2025	SAMARIA WATER & IRRIGATION	RI 15S35E10		15		15			30
Right	15 2074	SAMARIA WATER & IRRIGATION	RI 15S35E10		15		15			30
Right	15 2075	SAMARIA WATER & IRRIGATION	RI 15S35E10		15		15			30
Right	15 2023	SAMARIA WATER & IRRIGATION	SP 15S35E10		15		15			30
Permit	15 7267	JULIA GLEED, GROUND	15S35E10							0

Comment Report

15-7267

1. dkidman 10/15/2008 Field Report Narrative

Comment: POD was located at GPS N 42 07.180 W 112 20.501 T15S R35E SEC 14 SESWNW. Diversion Tag #A0012302 was applied to a railroad tie south of the pump where the power box was installed. The system has an 80 Hp submersible pump running 6 wheel lines with various lengths, (5/32 nozzles).

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2. dkidman 10/15/2008 12:02:29 PM POD

Comment: Updated Shape

3. dkidman 10/15/2008 12:05:36 PM POD

Comment: Updated PLS

4. dkidman 10/15/2008 3:43:09 PM POD

Comment: Updated Shape

5. dkidman 10/15/2008 4:04:50 PM POU

Comment: Updated Shape

6. dkidman 10/15/2008 4:05:19 PM POU

Comment: Updated PLS

7. kwalker 1/19/2005 Permit Review

Comment: During initial review of this application I found an overlap with App. 15-7221. That application was withdrawn and cleared from our records. I also inquired about the use of surface water on this property. I was told there was no irrigation water from Samaria on these lands. Therefore, there is no place of use overlap. Use does not fall within any problem areas in the state. Recommend we approve this application.

LOG NAME:ATK
START :07-17 11:13
END :07-17 11:13
INTERVAL:00:01:00

07-17 11:13:00
+5.454E+0 ft/s
+8.046E+2 gal/m
+TOTAL 0000000 gal
NORMAL

