

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7243

Exam Date: 8/21/2014

1. Current Owner: ELDON JOHN
62 S MAIN
MALAD CITY ID 83252
(208)766-2629

And/Or

MIKE JOHN
62 S MAIN
MALAD CITY ID 83252
(208)766- 5407

2. Accompanied by: Jim

Phone No: 766-3136

Address:

Relationship to Permit Holder: New owner of property

3. **SOURCE**

TRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 12 Shares Samaria Irrigation.
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

NW1/4NW1/4

Sec. 14, Twp 15S, Rge 35E, B.M.

ONEIDA County

Method of Determination: GPS 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	
15S	35E	11											37.4						37.4
15S	35E	14						24.0											24.0

Total Acres: 61.4

Method of Determination: Aerial Photography

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.

Well or Diversion**ID No.*****Motor Make****Hp****Motor Serial No.****Pump Make****Pump Serial No. or Discharge
Size**

D0032158

Diesel Generator

Submersible

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

D. FLOW MEASUREMENTS

1.

Measurement**Equipment****Type****Make****Model No.****Serial No.****Size****Calib. Date**

Portable Flowmeter FSC

Fuji

S10A1-00Y

A0L5539T

June/2014

2. Measurements: A ten minute flowmeter reading was performed. Maximum instantaneous flow rate was 255.4 GPM or .57 CFS.

E. FLOW CALCULATIONS☒ Additional Computation Sheets Attached

Measured Method:

Measured Flow = .57 CFS

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = 61.4(\text{Acres Irrigated}) \times 3.5(\text{Irrigation Requirement}) = 215 \text{ AF}$$

$$V_{D.R.} = .57[\text{Diversion Rate (cfs)}] \times 214(\text{Days in Irrigation season}) \times 1.9835 = 241.9 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 215 \text{ AF}$$

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

System runs off a diesel generator and submersible pump. System consists of two rows of wheelines and handlines. Once the water right has been licensed, the current property owner will apply for a change of ownership.

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	0.570 CFS	215.00 AF
<u>Totals:</u>		0.570 CFS	215.00 AF

2. Recommended Amendments

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

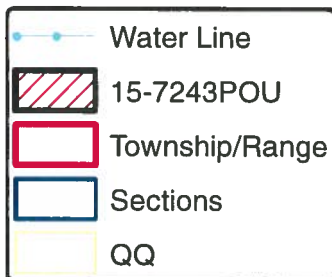
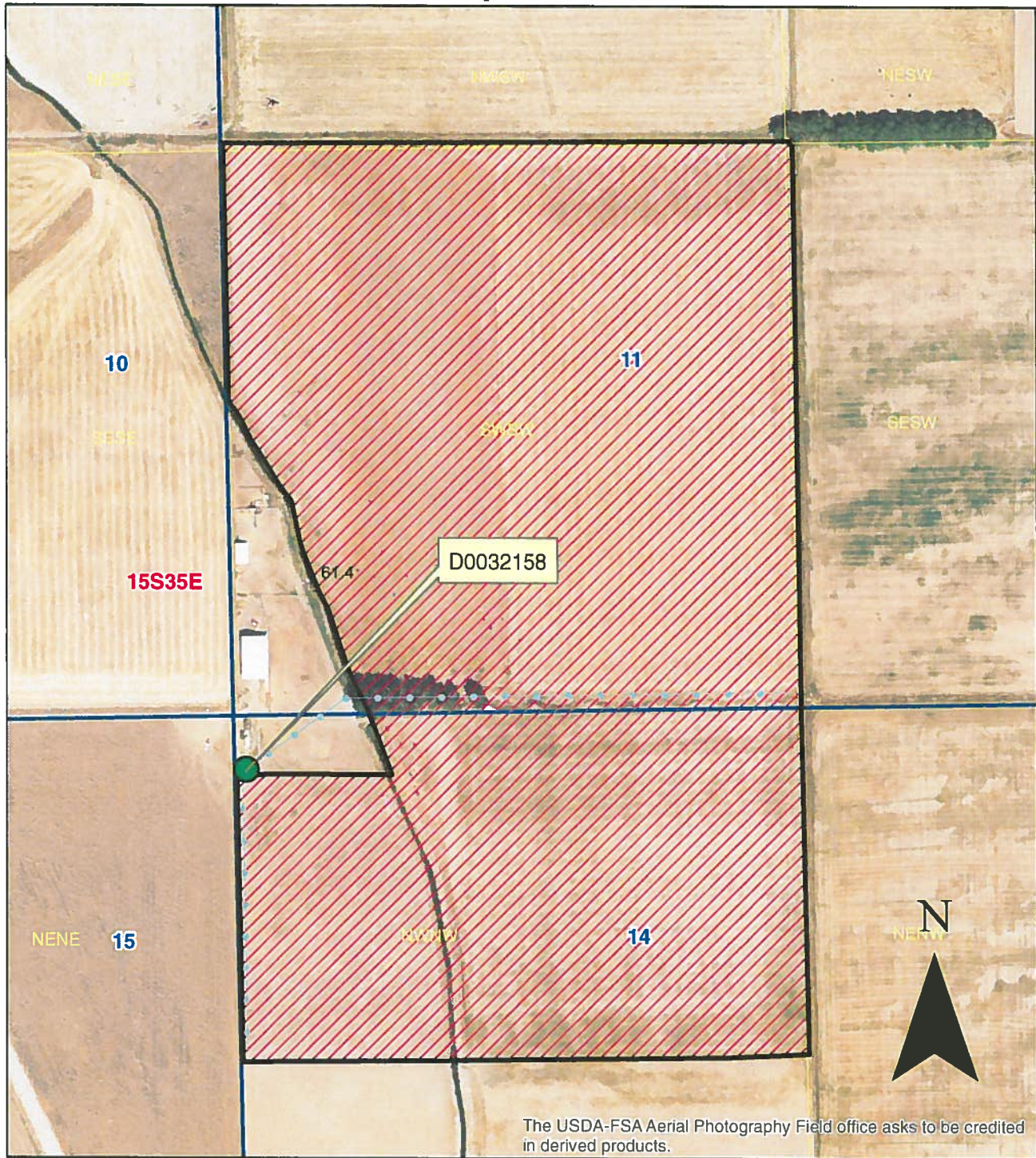
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name _____ Date _____

Reviewer _____ Date _____

Field Exam Report WR 15-7243



0 200 400 800 Feet

Onieda County
IDWR Basin 15

Idaho Department of Water Resources
Prepared by Scott Bergendorf
2013 Aerial photography







15-7243	'VELOCITY	'FLOW RATE	8/21/2014 16:47	9.677	247.156
8/21/2014 16:39	6.379	162.921	8/21/2014 16:47	9.626	245.864
8/21/2014 16:39	9.504	242.729	8/21/2014 16:47	9.66	246.73
8/21/2014 16:39	9.895	252.724	8/21/2014 16:47	9.643	246.288
8/21/2014 16:40	9.999	255.381	8/21/2014 16:47	9.644	246.319
8/21/2014 16:40	9.992	255.214	8/21/2014 16:48	9.673	247.066
8/21/2014 16:40	9.919	253.335	8/21/2014 16:48	9.691	247.525
8/21/2014 16:40	9.848	251.529	8/21/2014 16:48	9.633	246.033
8/21/2014 16:40	9.874	252.18	8/21/2014 16:48	9.688	247.438
8/21/2014 16:40	9.823	250.883	8/21/2014 16:48	9.664	246.815
8/21/2014 16:41	9.758	249.24	8/21/2014 16:48	9.63	245.955
8/21/2014 16:41	9.724	248.354	8/21/2014 16:49	9.651	246.508
8/21/2014 16:41	9.721	248.28	8/21/2014 16:49	9.642	246.27
8/21/2014 16:41	9.744	248.872	8/21/2014 16:49	9.663	246.814
8/21/2014 16:41	9.742	248.832	8/21/2014 16:49	9.62	245.697
8/21/2014 16:41	9.744	248.858	8/21/2014 16:49	9.652	246.521
8/21/2014 16:42	9.722	248.304	8/21/2014 16:49	9.653	246.553
8/21/2014 16:42	9.727	248.433	8/21/2014 16:50	9.634	246.067
8/21/2014 16:42	9.746	248.93	8/21/2014 16:50	9.68	247.23
8/21/2014 16:42	9.755	249.155	8/21/2014 16:50	9.651	246.488
8/21/2014 16:42	9.738	248.706	8/21/2014 16:50	9.626	245.853
8/21/2014 16:42	9.773	249.603	8/21/2014 16:50	9.662	246.775
8/21/2014 16:43	9.757	249.208	8/21/2014 16:50	9.691	247.509
8/21/2014 16:43	9.776	249.679	8/21/2014 16:51	9.657	246.658
8/21/2014 16:43	9.76	249.288	8/21/2014 16:51	9.644	246.327
8/21/2014 16:43	9.747	248.944	8/21/2014 16:51	9.618	245.648
8/21/2014 16:43	9.75	249.027	8/21/2014 16:51	9.621	245.727
8/21/2014 16:43	9.721	248.293	8/21/2014 16:51	9.655	246.61
8/21/2014 16:44	9.663	246.798	8/21/2014 16:51	9.671	247.005
8/21/2014 16:44	9.684	247.333	8/21/2014 16:52	9.697	247.663
8/21/2014 16:44	9.702	247.804	8/21/2014 16:52	9.675	247.1
8/21/2014 16:44	9.678	247.177	8/21/2014 16:52	9.666	246.885
8/21/2014 16:44	9.66	246.735	8/21/2014 16:52	9.719	248.232
8/21/2014 16:44	9.705	247.871	8/21/2014 16:52	9.694	247.589
8/21/2014 16:45	9.733	248.596	8/21/2014 16:52	9.673	247.048
8/21/2014 16:45	9.716	248.146	8/21/2014 16:53	9.691	247.51
8/21/2014 16:45	9.682	247.286	8/21/2014 16:53	9.671	247.001
8/21/2014 16:45	9.667	246.902	8/21/2014 16:53	9.686	247.385
8/21/2014 16:45	9.693	247.578	8/21/2014 16:53	9.681	247.267
8/21/2014 16:45	9.679	247.216	8/21/2014 16:53	9.656	246.626
8/21/2014 16:46	9.678	247.181	8/21/2014 16:54	9.707	247.916
8/21/2014 16:46	9.623	245.772	8/21/2014 16:54	9.646	246.358
8/21/2014 16:46	9.671	247.017	8/21/2014 16:54	9.615	245.578
8/21/2014 16:46	9.643	246.301	8/21/2014 16:54	9.665	246.844
8/21/2014 16:46	9.706	247.903	8/21/2014 16:54	9.674	247.084
8/21/2014 16:46	9.67	246.991	8/21/2014 16:55	9.688	247.447
8/21/2014 16:47	9.647	246.385		ft/s	gal/min