

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7252

Exam Date: 10/27/2015

1. Current Owner: NORTH RIDGE FARMS LLC
PO BOX 122
MALAD CITY ID 83252
(208) 390-2932
2. Accompanied by: Roger Hoopes and Tyler Hoopes
Phone No: 208-390-2932
Address:
Relationship to Permit Holder:

3. SOURCE**TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

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

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

GROUND WATER NE1/4SE1/4
ONEIDA County

Sec. 21, Twp 16S, Rge 36E, B.M.

Method of Determination: GPS and Field visit.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
16S	36E	21	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
					37.0										19.0	29.0	18.0	35.0	138.0

Total Acres: 138

Method of Determination: Field Visit and 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.

<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>
D0059757	Winco Generator 75 Diesel Booster	15			

*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>
Portable Flowmeter	FSC	Fuji	S10A1-00Y	A0L5539T		May/2015

2. Measurements: A ten minute flow meter reading was performed. Maximum instantaneous flow rate while system was running at standard max capacity was 559.7 or 1.25 cfs

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

Measured Method: Flowmeter

Measured flow =1.25 cfs

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V_{I.R.} = 138(\text{Acres Irrigated}) \times 3.5 (\text{Irrigation Requirement}) = 483$$

$$V_{D.R.} = 1.25 [\text{Diversion Rate (cfs)}] \times 214 (\text{Days in Irrigation season}) \times 1.9835 = 530.6$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 483 \text{ AF}$$

2. Volume Calculations for Other Uses: None**G. NARRATIVE/REMARKS/COMMENTS**

System runs off of a 75 hp pump and 15 hp booster using a portable generator. The system consists of one small pivot and wheelines. Permit was for 180 acres and 138 acres have been developed and irrigated. Permit will be amended to move the POD. *Original permit holder, Norman Howell. Confirmed the stockwater portion of Permit 15-7252 was not developed.*

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	1.25 CFS	483 AF

Totals: 1.25 CFS 483.0 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 11/3/2015

Reviewer _____ Date _____

15-7252	'VELOCITY	'FLOW RAT	'+TOTALIZER
10/27/2015 16:06	7.385	551.303	6948.1
10/27/2015 16:07	7.388	551.507	7220.7
10/27/2015 16:07	7.364	549.704	7127.2
10/27/2015 16:07	7.362	549.54	7312.6
10/27/2015 16:07	7.343	548.138	7039.3
10/27/2015 16:07	7.248	541.049	7403.6
10/27/2015 16:07	7.21	538.197	7495.9
10/27/2015 16:08	7.403	552.657	7857.2
10/27/2015 16:08	7.376	550.643	7765.7
10/27/2015 16:08	7.284	543.779	7949.8
10/27/2015 16:08	7.263	542.222	8040.1
10/27/2015 16:08	7.256	541.632	7585.9
10/27/2015 16:08	7.242	540.641	7672.8
10/27/2015 16:09	7.348	548.533	8493.1
10/27/2015 16:09	7.346	548.401	8218.1
10/27/2015 16:09	7.292	544.35	8130.2
10/27/2015 16:09	7.291	544.255	8584.1
10/27/2015 16:09	7.27	542.688	8310.4
10/27/2015 16:09	7.268	542.558	8400.4
10/27/2015 16:10	7.497	559.657	8859.4
10/27/2015 16:10	7.486	558.805	8764.1
10/27/2015 16:10	7.435	555.022	8952
10/27/2015 16:10	7.4	552.444	8672.4
10/27/2015 16:10	7.336	547.614	9136.4
10/27/2015 16:10	7.322	546.619	9045.2
10/27/2015 16:11	7.382	551.059	9317.8
10/27/2015 16:11	7.381	550.99	9224
10/27/2015 16:11	7.36	549.436	9592.7
10/27/2015 16:11	7.322	546.6	9499.9
10/27/2015 16:11	7.315	546.044	9409.4
10/27/2015 16:11	7.291	544.242	9684.1
10/27/2015 16:12	7.381	551.019	9955.9
10/27/2015 16:12	7.323	546.677	9771.5
10/27/2015 16:12	7.285	543.846	9864.6
10/27/2015 16:12	7.237	540.222	10046.6

ft/s	gal/min	gal
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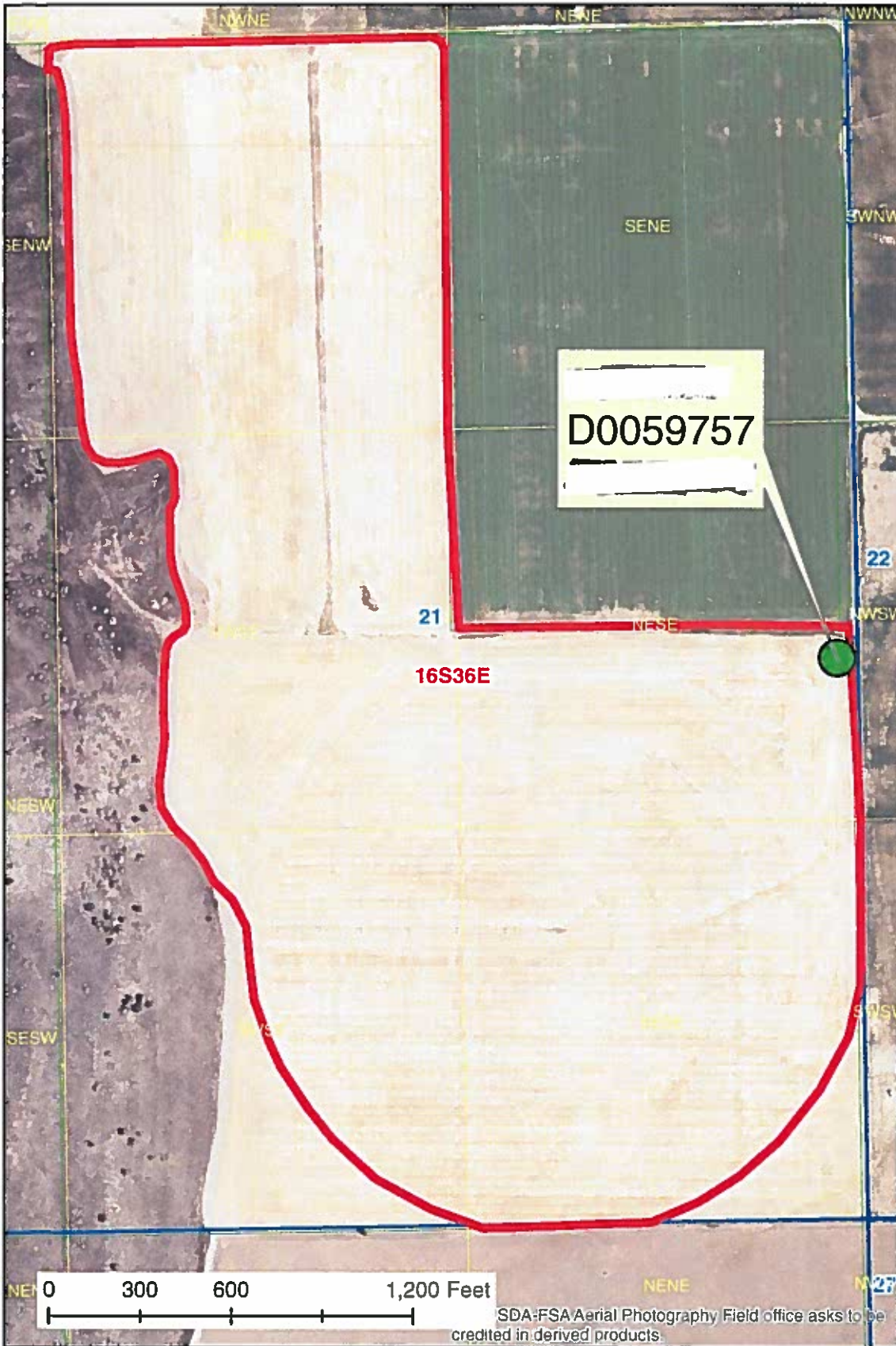




Water Right License 15-7252

Idaho Department of Water Resources

Prepared by Scott Bergendorf
2013 Aerial photography



-  15-7252POU
 Township/Range
 Sections
 QQ



Onieda County IDWR Basin 15