

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 15-7443

Exam Dates: 7/16/2024

Accompanied by: Terry Davis

1. Current Owner:

DOUBLE D FARMS LLC
2333 W 500 S
MALAD CITY, ID 83252-6035

2. **SOURCE:** Ground Water**B. OVERLAP REVIEW**

1. Place of Use: No overlapping rights used on the place of use
2. Point of Diversion: No other water rights withdrawn from the point of diversion

C. DIVERSION AND DELIVERY SYSTEM

The delivery system is a single well pumping to a mainline that connects to two wiper pivots.

1. **POINT OF DIVERSION:**

GROUND WATER NW¼ SW¼, Sec. 14, Twp 14S, Rge 35E, B.M. ONEIDA County

Method of Determination: Site inspection. GPS 42.2048, -112.3413

2. **PLACE OF USE:** IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14S	35E	14						29	22			8.5							59.5

Right Acre Limit:

Total Acres: 59.5

Method of Determination: Site inspection. Aerial imagery.

DELIVERY SYSTEM:**4. SYSTEM SPECIFICATIONS:**

Well ID: no tag/tag cut off. Statement of completion and well drilling layer lists well #D0080658

Pump: submersible, 75HP, make unknown

Motor:

D. FLOW MEASUREMENTS

Flow Meter: Lindsay Growsmart IM3000, serial #GT18083567, 8"

Flow was measured at 704 GPM, or 1.57 CFS.

E. FLOW CALCULATIONS

N/A, flow measured

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 59.5 \text{ acres} \times 3.5 \text{ AF/acre} = 208 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 1.04 \text{ cfs} \times 214 \times 1.9835 = 441 \text{ AF.}$$

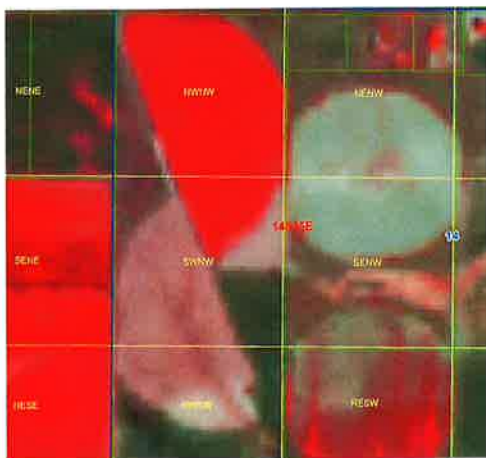
$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \mathbf{208 \text{ AF.}}$$

G. NARRATIVE/REMARKS/COMMENTS

Permit Timeline:

On 5/08/2020, IDWR received an application for amendment of permit that proposed to combine permits 15-7443 and 15-7444 with a new acreage of 59.5. Proof of beneficial use for permit 15-7443 was filed and received on 10/01/2020 for .75CFS and 40 acres. Proof of beneficial use for permit 15-7444 was filed and received on 10/01/2020 for .29CFS and 19.5 acres. On 09/15/2021, IDWR issued amended permit 15-7443 for 1.04 CFS and 59.5 acres.

07/04/2020 Sentinel imagery showing newly seeded grass sod. The maximum permitted irrigated area is 59.5 acres, the actual irrigated area as measured by GIS is 63.94 acres. This is 4.5 acres more than the permitted amount.



Well tag (#D0080658) has been removed/ fallen off the well casing



Flow meter reading



Flow meter and straight pipe



Well and flow meter



Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	04/01 to 10/31	1.04 cfs	208 AF

Totals: 1.04cfs 208 AF

2. Recommended Amendments

 Change P.D. as reflected above
 Add P.D. as reflected above
 X None

 Change P.U. as reflected above
 Add P.U. as reflected above
 X None

I. AUTHENTICATION Christian Stewart, IDWR Water Resource Agent

Field Examiner's Signature _____