

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 17-7183

Exam Dates: 05/05/2025

Accompanied by: Jon Campbell, Black Pine Farm LP

Examiner: Christian Stewart, IWDR Senior Water Resource Agent

1. Current Owner:

BLACK PINE FARM LP
2475 S JUNIPER RD
MALTA ID 83342-8758

2. **SOURCE: GROUND WATER**

TRIBUTARY:

B. OVERLAP REVIEW

1. Place of Use: The 320 acre place of use is combined with rights 17-7118 and 17-7136. 17-7118 is for 3 cfs and 320 acres. 17-7136 is for 2 cfs and has a 160 acre limit. The 92 acre limit on this permit is a remnant of splitting the permit with 17-7182.

2. Point of Diversion: Rights 17-7118 and 17-7136 overlap the two well PODS.

C. DIVERSION AND DELIVERY SYSTEM

Two interconnected wells deliver water to two full pivots, two small wiper pivots, and handline connections to irrigate corners.

1. **POINT OF DIVERSION:**

GROUND WATER NE¼ NE¼, Sec. 16, Twp 16S, Rge 30E, B.M. ONEIDA County

GROUND WATER NE¼ SE¼, Sec. 16, Twp 16S, Rge 30E, B.M. ONEIDA County

Method of Determination: GPS coordinates

2. **PLACE OF USE: IRRIGATION**

Twp	Rng	Sec	NE	NW	SW	SE	Total s
-----	-----	-----	----	----	----	----	------------

			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16S	30E	16	40	40	40	40									40	40	40	40	320

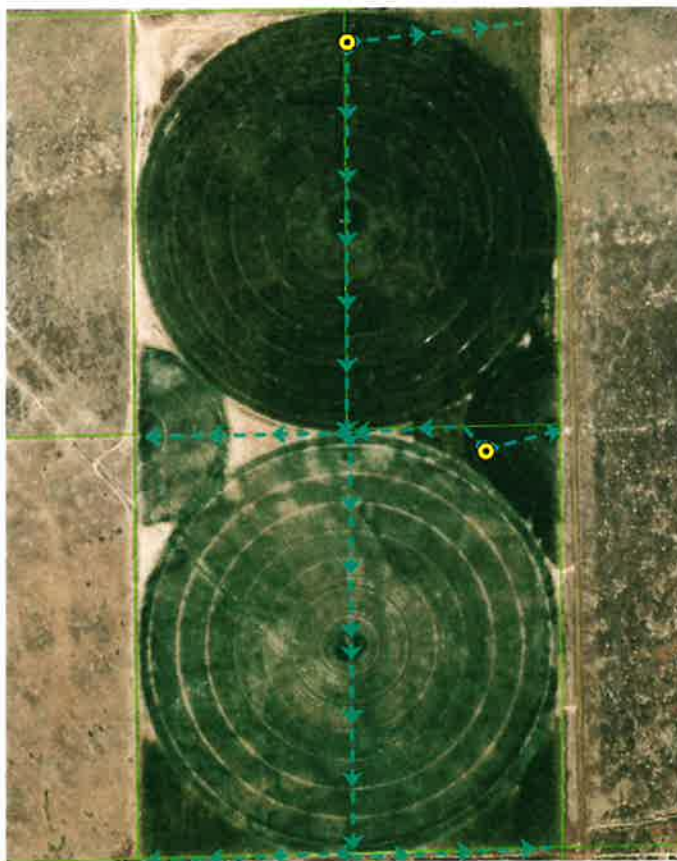
Right Acre Limit: 92

Total Acres: 320

Method of Determination: Site inspection. Aerial imagery.

3. DELIVERY SYSTEM DIAGRAM

Two wells deliver water to two large pivots, two small wiper pivots, and handlines in the corners.



Map OF DELIVERY SYSTEM, PIVOTS, MAINLINES ETC with PLSS

4. SYSTEM SPECIFICATIONS:

Well ID: No Tag

Pump:

Motor: Layne and Bowler

D. FLOW MEASUREMENTS

Measurement Equipment: STUF-200F Ultrasonic Flow Meter

Flow Measurement:

North Well: 1000 GPM

South Well 1380 GPM

Total= 2380 GPM or 5.30 cfs

Comment: Existing licenses authorize 5 cfs. This would mean this right will grant an additional 0.3 cfs with a combined limit of 5.3 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 92 \text{ acres} \times 3.5 \text{ af/acre} = 322 \text{ AF}$$

$$V_{D.R.} = (\text{Days}) \times (\text{Rate}) \times 1.9835 = 214 \times 0.3 = 127 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \mathbf{127 \text{ AF}}$$

Note: no additional acres were developed, just additional rate. The 92 acres are a remnant from the splitting of the original permit.

West Elevation

☉ 94°E (T) ☉ 42.041608°N, 112.950303°W ±13ft



West Elevation

☉ 102°E (T) ☉ 42.041624°N, 112.950303°W ±13ft



06 May 2025, 11:52:22

West Elevation

☀ 94°E (T) ● 42.041621°N, 112.950301°W ±13ft



South West Elevation

☼ 52°NE (T) ● 42.041640°N, 112.950312°W ±22ft



06 May 2025, 11:54:31

East Elevation

☉ 270°W (T) ☉ 42.041654°N, 112.950234°W ±22ft



North East Elevation

☀ 244°SW (T) ● 42.035056°N, 112.945233°W ±321ft



06 May 2025, 12:01:50

North East Elevation

☼ 244°SW (T) ☉ 42.034718°N, 112.945253°W ±170ft



06 May 2025, 12:01:52

West Elevation

☉ 89°E (T) ☉ 42.034620°N, 112.947339°W ±13ft



Have conditions of permit approval been met? X Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
Irrigation	04/01 to 10/31	0.30 CFS	127

Totals: 0.30 CFS 127 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 Senior Water Resource Agent

Field Examiner's Signature Christian J Stewart

Reviewer Blake Jordan

Date 5/21/2025

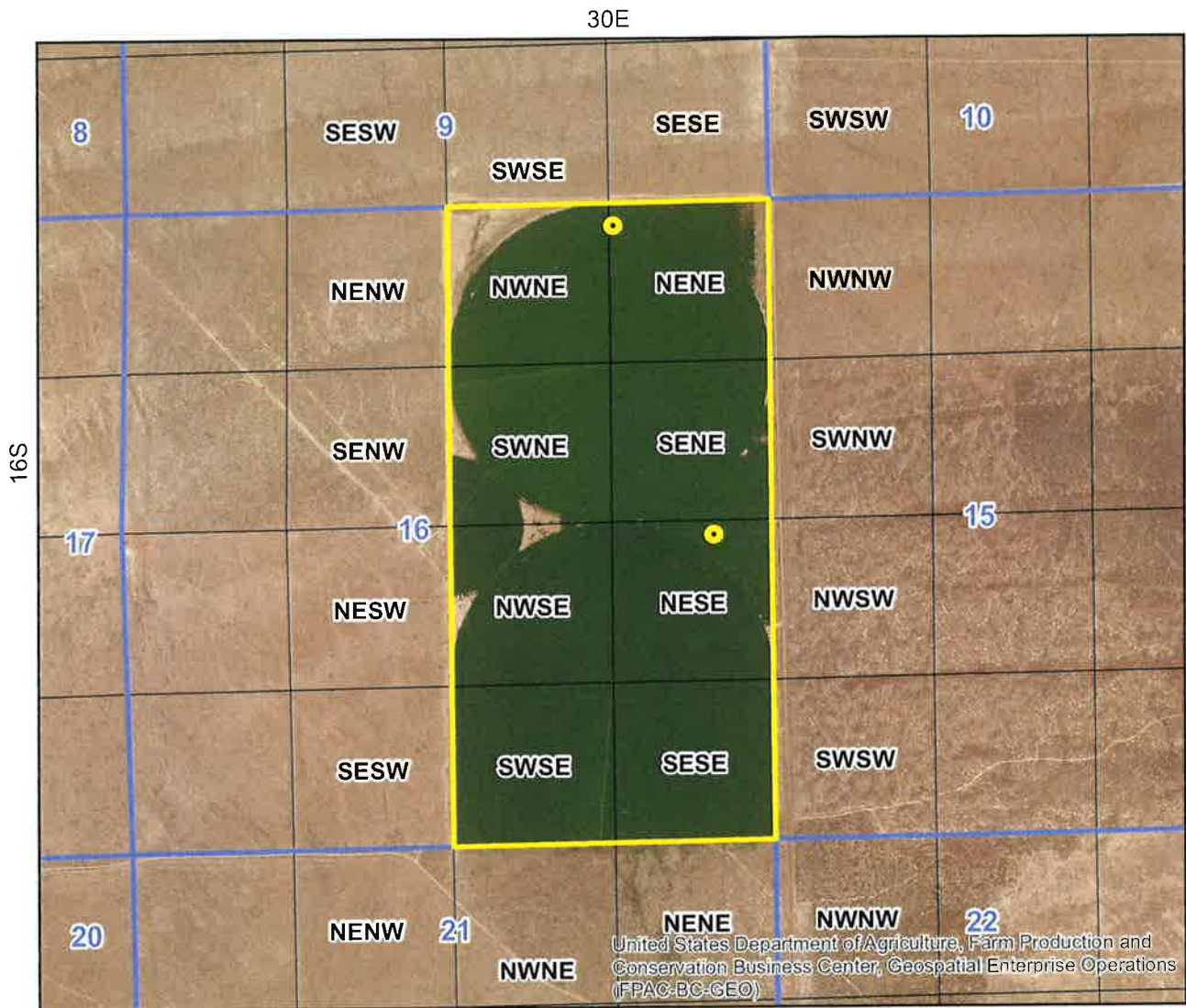
State of Idaho
Department of Water Resources

Water Right

17-7183

Black Pine Farm Lp

May 21, 2025



0 0.175 0.35 0.7 Miles

- Place Of Use Boundary
- Point of Diversion
- State Outline
- Townships
- PLS Sections
- Quarter Quarters

