

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-16031
Exam Date: 01/18/2024

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? x Y N
- x Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner:
MOSHER HOLDINGS INC 25 BUCK RUN SAGLE ID 83860-5046

3. **SOURCE:** SAGLE SLOUGH **Tributary** LAKE PEND OREILLE

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: None

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: None

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
SAGLE SLOUGH SE¼ NW¼, Sec. 2, Twp 56N, Rge 02W, B.M. BONNER County

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data

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	
56N	02W	2					0.1 L3			0.3									0.4

Total Acres: 0.4

Method of Determination: GIS ArcMap Tools, Aerial Imagery, and Taxlot Data

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
N/A	N/A	N/A	N/A	N/A	N/A

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements: No measurement required for an in-office examination.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

(Acres irrigated) x (Generic diversion rate) = (0.4 acres) x (0.3 cfs/ac) = 0.012 cfs > **0.01 cfs**

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (0.4 \text{ acres irrigated}) \times (3.0 \text{ af/ac}) = 1.2 \text{ af}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 4.2 \text{ af}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 1.2 \text{ af}$$

- Note that a volume is not required to be reported when the use is irrigation using natural stream flow diverted from a stream or spring as per IDAPA 37.03.02 Beneficial Use Exam Rules

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office exam because it is for irrigation of less than 5 acres. Field exam was conducted on January 18, 2024, by Justin Shearer. Ownership of the permit is in the name of Mosher Holdings Inc. Current Bonner County tax lot data represents Mosher Holdings Inc owns the land appurtenant to the place of use (POU) and point of diversion (POD). Proof of Beneficial Use was submitted on October 3, 2023. No ownership change is required.

Aerial imagery available to the Department indicates that 0.4 acres have been developed compared to the 0.9 acres permitted. As a result, I am recommending 0.01 cfs for the irrigation of 0.4 acres. I am not placing a volume on the license because irrigation using natural stream flow diverted from a stream or spring is exempt from reporting a volume as per the Beneficial Use Exam Rules.

The backfile indicates that comments were sought from IDFG at time of advertising, but none were received. Statement of Completion for Submitting Proof of Beneficial Use indicated that a fish screen has been installed which would satisfy any IDFG fish screening requirements. Thus, condition 029 is being dropped as per department standard. All other conditions of permit approval have been met. Condition 004 is being removed as there is not a concern of property ownership at the POD or POU. Condition X31 is being updated to reflect the respective rate and volume related to the irrigated acres 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>Rate of Diversion</u>	
IRRIGATION	04/01 to 10/31	0.03 CFS	

Totals: 0.03 CFS

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 ☒ None

I. AUTHENTICATION

Justin Shearer -

Field Examiner's Name  Date 1/23/24

Reviewer  Date 1/30/24

96-16031 BU Map



Bonner County provides the data "as is" with no claim as to its accuracy.

1/23/2024

Road Centerlines

- Primary
- Secondary
- Local; Ramp



Parcels

World Boundaries and Places

World Imagery

Low Resolution 15m Imagery

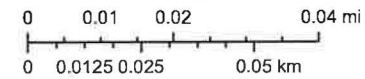
High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

30cm Resolution Metadata

1:1,475



Esri, HERE, Garmin, (c) OpenStreetMap