

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9777
Exam Date: 02/7/20

1. Current Owner:
RICHARD FUHR 2289 GYPSY BAY RD SAGLE ID 83860-9180 AND
ELISE FUHR 2289 GYPSY BAY RD SAGLE ID 83860-9180
2. In-office qualification (IDAPA 035.01.r): Irrigation ≤ 5 acres

3. **SOURCE:** PEND OREILLE RIVER Tributary
COLUMBIA RIVER

Method of Determination: Information given on permit, supported with aerial imagery and digital PLSS map.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-8275	Groundwater	Irrigation	License

Comments: Irrigation for 4.0 acres overlap property

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

Water Right No.	Source	Purpose of Use	Basis
N/A	N/A	N/A	N/A

Comments: No POD overlap

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

PEND OREILLE RIVER L5 (SW $\frac{1}{4}$ SW $\frac{1}{4}$), Sec. 26, Twp 57N, Rge 03W, B.M. BONNER County

Method of Determination:

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	
57N	03W	26											0.4						0.4

Total Acres: 0.4

Method of Determination:

- 3.
- N/A Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- X Aerial Photo Attached (required for irrigation of 10+ acres).
- N/A 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

This exam qualified for an in-office exam so no flow measurements were taken.

E. FLOW CALCULATIONS

Irrigation Permit: 0.02 cfs
 B.U. Standard Allowance: 0.03 cfs x 0.4 ac= 0.01 cfs
 B.U. Proof Fee: \$50 → 0.00 cfs to 0.20 cfs

License Recommendation 0.01 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (0.4 \text{ ac}) \times (4.5 \text{ afa}) = 1.8$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.01 \text{ cfs}) \times (123 \text{ days}) \times 1.9835 = 2.4 \text{ afa}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 1.8$$

G. NARRATIVE/REMARKS/COMMENTS

The field exam was conducted in-office February 7, 2020 by Kate Hulse.

Permit 96-9777 authorized the diversion of 0.02 cfs from Pend Oreille tributary of the Columbia River for irrigation use in Section 26, Township 57 North, Range 03 West, SW 1/4, SW 1/4. Based on the information provided in the water right file, this qualifies for an in office field exam.

The proof of beneficial use was submitted on Richard and Elise Fuhr on January 29, 2020. Current Bonner County tax lot data represent Mr. and Mrs. Fuhr as the land owners pertinent to the place of use and point of diversion. The permit specifies that the use is for irrigation purposes for a lawn. Reduced the irrigation use to 0.4 ac using ArcMap tools and imagery. 96-8275 is a groundwater license that serves 19 homes for domestic use and irrigation of 4.0 acres. The license overlaps the permit. The permit was conditioned with a combined use limit that would limit the existing right. We should correct this and only identify an overlap totaling 4 acres.

The diversion rate I have recommended for this license is 0.01 cfs. As stated in the permit the user shall not exceed 0.03 cfs per acre and nor more than 3.0 afa. Volume is exempt per IDAPA 37.03.02.035J

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	0.02 CFS

Totals: 0.02 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

Kate Hueise - Water Resource Agent

Field Examiner's Name

Kate Hueise

Date

2/7/20

Reviewer






Patricia Kelly

Date

2-11-2020

State of Idaho
Department of Water Resources
Beneficial Use Exam
96-9777



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

0 0.035 0.07 0.14 Miles

