

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONExam Date: 12/8/20231. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N

- a. X Irrigation of 5 acres or less
 b. Storage of up to 14.6 AF for stockwater purposes only
 c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 d. Other < >

2. Current Owner: Robert and Frances Olson

Owner of Record Correct? NAddress of Record Correct? N

If No Explain: N/A

3. Beneficial Use Fees have been paid: X Y N Receipt No: W051656

4. Source: Tributary:
 Pend Oreille River Columbia River

Method of Determination: GIS ArcMap, Aerial Imagery, Tax Parcel DataChange in Source: Y X N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: No Overlap

Water Right No.	Source	Purpose of Use	Basis
96-7958	Pend Oreille River	Irrigation	License
96-4483	Groundwater	Domestic	License
96-8899	Pend Oreille River	Domestic	License, Claim
96-8851	Pend Oreille River	Domestic	License, Claim
96-8457	Pend Oreille River	Domestic	License
96-14736	Groundwater	Domestic	Claim

Comments: The water rights above overlap with the place of use. Water Right 96-7958 does authorize irrigation, but according to the backfile the right does not actually overlap. The other rights authorize domestic use and would not overlap because they authorize a different beneficial use, and some divert from a different source.

2. Other water rights with the same point of diversion: X No Overlap

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

Comments: N/A

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Pend Oreille River			SE	SW	9	56N	03W	B.M.	Bonner

Method of Determination: GIS and Tax Parcel Data.Change in POD? Y X N Amendment Required? Y X N

2. Place of Use: Irrigation

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
56N	03W	9												0.2					0.2
		Lot #												6					
Total Acres =																			0.2

Method of Determination: GIS, Tax Parcel Data, and 2023 Bonner County Aerial Imagery.Change in POU? Y X N Amendment Required? Y X NDelivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable:

X Aerial Photo Attached (required for irrigation of 10+ acres).Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

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

2. Measurement Comments: The permit holder did not provide a pump horsepower. Therefore, a diversion rate calculation is not possible.

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. According to Administrative Processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs/acre, 0.2 acres * 0.03 cfs/acre = 0.006 cfs or 0.01 cfs rounded. The permit authorizes 0.03 cfs. I am recommending a 0.01 cfs diversion rate.

F. VOLUME CALCULATIONS

2. Volume Calculations for Other Uses: According to the IDAPA Beneficial Use Examination Rules 37.03.02.35. 01j.viii if a permit authorizes diversion from a naturally flowing stream/river or spring a diversion volume is not required at licensing.

G. PURPOSE OF USE

Irrigation X Y N # Stock N/A Domestic # of Homes N/AChange in Purpose of Use? Y X NMethod of Determination: GIS, Tax Parcel Data, and 2023 Bonner County Aerial Imagery.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. According to Tax Parcel Data the property was developed in 1995. The permit authorized the irrigation of 0.5 acres. According to 2023 Bonner County Aerial Imagery 0.2 acres of irrigation occurred during the development period. The Tax Parcel boundary and physical property boundary did not match properly. Portions of the irrigated place of use that fall outside the Tax Parcel Boundary were based on the physical property boundary. According to the permit holders Statement of Completion for Proof of Beneficial Use a fish screen was installed meeting the fish screening and passage requirements of the Idaho Department of Fish and Game.

Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. The standards set in Administrative Processing Memo #17 were used to make a diversion rate recommendation. According to the IDAPA Beneficial Use Examination Rule 37.03.02.35.01j if diversion is from a natural flowing stream/river or spring a diversion volume is not required at licensing. All of the conditions have been met and it was confirmed a beneficial use was developed within authorization on the permit. Therefore, I am recommending a 0.01 cfs diversion rate.

Conditions X60, and X31 should remain on the license. Condition X31 should be updated to reflect the new recommended diversion rate. Condition 029 should be removed because the permit holder installed a fish screen that meets the fish screening and passage requirements of the Idaho Department of Fish and Game. Condition 004 should be removed because it was confirmed there are no legal access concerns to the point of diversion or place of use. All other conditions should be removed as standard with licensing.

Have conditions of permit approval been met? ☒ Yes ☐ No

I. RECOMMENDATIONS

1. Recommended Amounts:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>
Irrigation	04/01-10/31	0.01 CFS
<u>Totals:</u>		0.01 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

Other: < >

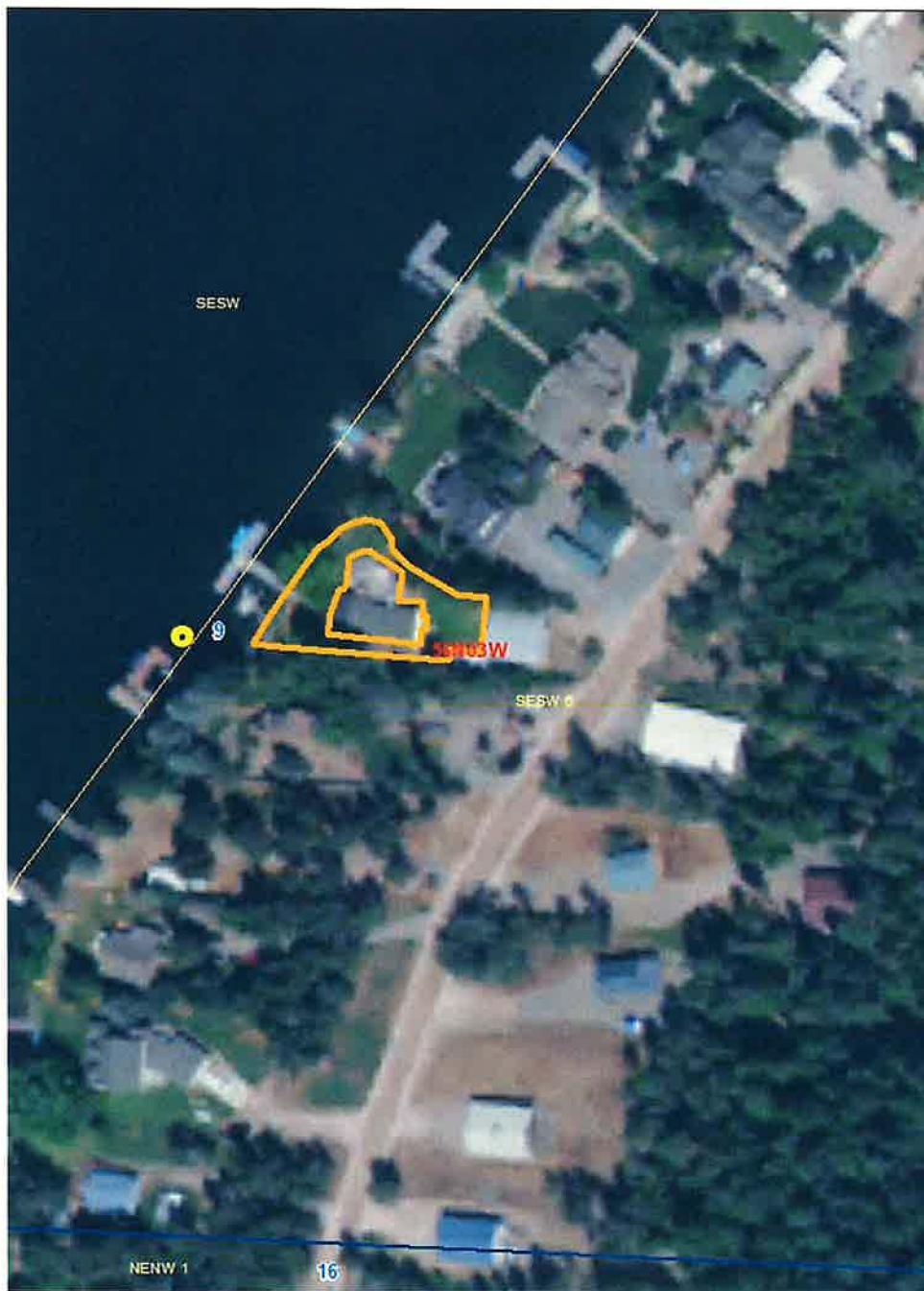
J. AUTHENTICATION

Field Examiner's  Date 12/18/2023

Reviewer  Date 2/1/24

Field Exam Map

Map showing the authorized point of diversion (yellow point) and place of use (orange outline).



2023 Bonner County Aerial Imagery

Imagery indicated 0.2 acres of irrigation occurred within the development period.

96-16037 Irrigation Map



12/8/2023

Road Centerlines

- Primary
- Secondary
- Local; Ramp

Parcels

- World Boundaries and Places
- World Imagery
- Low Resolution 15m Imagery

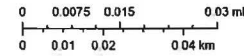
High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

30cm Resolution Metadata

1:1,102



Esri, HERE, Garmin, (c) OpenStreetMap

