

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

A. GENERAL INFORMATION**Exam Date:** 4/18/20251. 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: Jackie Mae Thorland and/or William Thorland

Owner of Record Correct? X Y NAddress of Record Correct? X Y N

If No Explain:

3. Beneficial Use Fees have been paid: X Y N Receipt No: N045325

4. Source:

Cocolalla Creek

Tributary:

Cocolalla Lake

Method of Determination: GIS ArcMap Tools, Aerial Imagery, Taxlot Data, and permit holder's Statement of Completion for Proof of Beneficial Use.

Change in Source: Y X N**B. OVERLAP REVIEW**1. Other water rights with the same place of use: X No Overlap

Water Right No.	Source	Purpose of Use	Basis
96-7520	COCOLALLA CREEK	DOMESTIC	LICENSE
96-8547	COCOLALLA CREEK	IRRIGATION	LICENSE

Comments:

ArcMap tools and aerial imagery make it look like there is overlap, but after further review of the parcel and Place of Use (POU) data there is no overlap. These water rights are for separate properties.

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

No other water rights or adjudication claims overlap the permitted Point of Diversion (POD).

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
COCOLALLA CREEK			SE	NE	6	55N	02W		BONNER

Method of Determination: GIS and Taxlot 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	
55N	02W	6				0.4													
Total Acres =																		0.4	

Method of Determination: GIS, Tax Parcel Data, and 2024 Bonner County Aerial Imagery.

Change in POU? X Y N **Amendment Required?** X Y N

3. Diversion System Information:**Description:**

 Delivery System Diagram Attached. (mark all major components and distances between components)

 X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required).

 X Aerial Photo Attached (required)

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

2. Measurement Comments:

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

	Diversion Rate (cfs)	Acres (ac)
Permitted Amount	0.03 cfs	0.4 ac
Beneficial Use Limit	0.03 cfs	1.0 ac
Measured Amount	N/A	N/A
Recommended Amount	0.01 cfs	0.4 ac

Measured Method: Irrigation: (acres irrigated) x (generic diversion rate) = 0.4 acres x 0.03 cfs = 0.012 → Rounded to 0.01 cfs.

Comments:

No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r.

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.4 \text{ acres} \times 3 \text{ AF} = \underline{1.2 \text{ AF}}$$

I.R.

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.01 \text{ cfs} \times 214 \text{ day} \times 1.9835 = \underline{4.2 \text{ AF}}$$

D.R.

$$V = \text{Smaller of } \begin{matrix} V \\ \text{I.R.} \end{matrix} \text{ and } \begin{matrix} V \\ \text{D.R} \end{matrix} = \underline{1.2 \text{ AF}}$$

2. Volume Calculations for Other Uses:**Comments:**

This water use is exempt from the volume reporting requirement per IDAPA 37.03.02.035.01j.viii.

G. PURPOSE OF USE

Irrigation X Y N # Stock Domestic # of Homes

Other: < >

Change in Purpose of Use? Y X N

Method of Determination:

If Yes: From Use To Use Amount CFS AFA

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office exam because it is for irrigation of 5 acres or less. The exam was conducted on April 18, 2025 by Emma Channpraseut. Water Permit was originally applied for and permitted to Tobi Anderson and Jacquelyn Long. The Statement of Completion for Submitting Proof of Beneficial Use was signed and sent in with a Notice of Change in Water Right Ownership under Jackie Mae Thorland and William Thorland. The license will be in the name of the Thorland's. Current Bonner County taxlot data represents the permit holders own the land associated with the Place of Use (POU) and the Point of Diversion (POD). Proof of Beneficial Use was submitted on April 1, 2025.

The Place of Use (POU) was permitted as 0.4 acres. Aerial imagery suggests that more than the permitted amount of area is being irrigated, around 1.0 acres. However, we cannot recommend more than the permitted amount, thus I am recommending 0.01 cfs for 0.4 acres. I am not recommending volume, as this use is exempt from volume reporting requirements as per the Beneficial Use Rules.

All conditions of this permit have been met. Condition X31 will be updated because after calculations the diversion rate should be updated from 0.03 cfs to 0.01 cfs. Condition 029 IDFG did not indicate the requirement for a fish screen therefore condition 029 will be dropped from the license. Condition 004 will be dropped from the license because there are no property concerns. All other conditions will be carried over to the license.

Have conditions of permit approval been met? X Yes No

I. RECOMMENDATIONS**1. Recommended Amounts:**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</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 X None

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

Other: < >

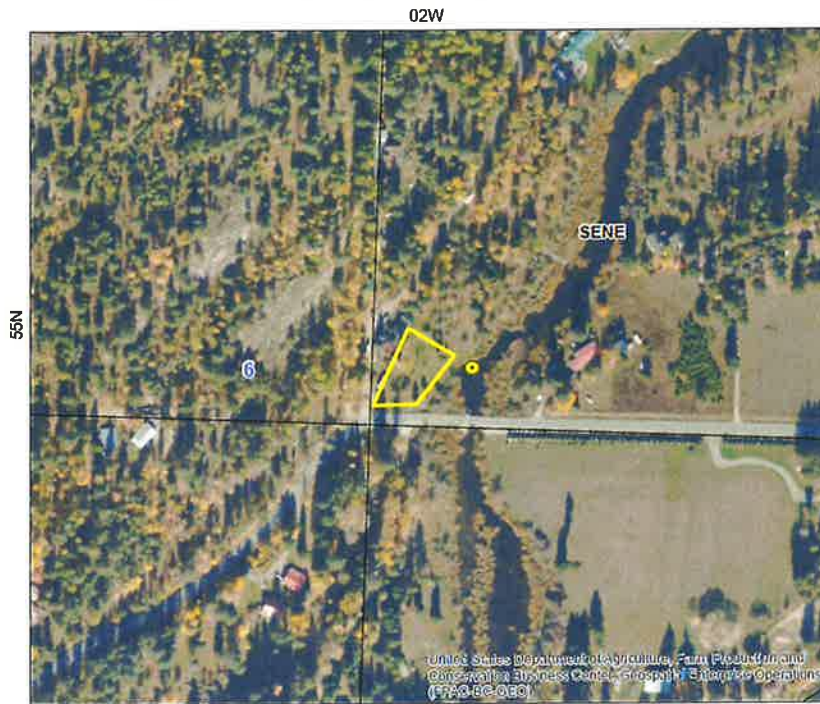
J. AUTHENTICATION – Emma Channpraseut

Field Examiner's Emma Channpraseut Date 3/30/2020

Reviewer [Signature] Date 3/30/2020

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

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



Bonner County Aerial Imagery

