

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

A. GENERAL INFORMATION

Exam Date: May 28, 2025

1. 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: Joy Shantz
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No Explain:
3. Beneficial Use Fees have been paid: X Y N Receipt No: N044828
4. Source: Bayview Creek Tributary: Lake Pend Oreille

Method of Determination: ArcGis, Tax Parcel Data information provided by Joy Shantz for the 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
Numerous			

Comments: The place of use ("POU") for permit no. 95-17822 overlaps with the Bayview Water & Sewer District service area for several licenses, and there are several water rights with domestic use; however, these 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: There are no water rights that overlap the point of diversion.

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Bayview Creek	3		NE	SW	34	54N	02W		Kootenai

Method of Determination: GIS and description of the diversion and the delivery system provided by the permit holders.

Change in POD? Y X N Amendment Required? Y X N

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	
54N	02W	34									0.4								0.4
		Lot									L3								
Total Acres =																			0.4

Method of Determination: GIS, Tax Parcel Data, and Google Earth Aerial Imagery.

Change in POU? ☐ Y ☒ X N Amendment Required? ☐ Y ☒ X 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)☒ X 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: No measurement is required for an in-office examination per IDAPA 37.03.02.035.01.r

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: Irrigation: (acres irrigated) x (generic diversion rate)= 0.4 acres x (0.03cfs/acre)=0.012 cfs which rounds 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:

$$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \text{I.R.}$$

$$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \text{D.R.}$$

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

2. Volume Calculations for Other Uses:

G. PURPOSE OF USEIrrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Y ☒ X ☐ N

Method of Determination: GIS, Tax Parcel Data, Google Earth Aerial Imagery, and the permit holders Statement of Completion for Submitting Proof of Beneficial Use.

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 May 28, 2025, by Catalina Beck. At the time of the exam ownership of the permit is in Joy Shantz. Kootenai County taxlot data represents the permit holders own the land appurtenant to the place of use (POU) and point of diversion (POD). Joy Shantz ("the permit holder") filed the Statement of Completion for Submitting Proof of Beneficial Use ("Statement of Completion") on July 17, 2024, attaching photographs of the diverting works. The photographs include images of the pipeline to divert water from Bayview Creek to the irrigated lawn which is visible in satellite imagery of the property for irrigation use.

Google Earth imagery and GIS data verified irrigation use on the permit holder's property. I am recommending the place of use for irrigation for 0.4 acres with a diversion rate of 0.01 cfs. I am not recommending volume, as this use is exempt from volume reporting requirements as per the Beneficial Use Rules

All the conditions of this permit have been met. Condition 26A will be dropped from the license because the department has received the statement of completion of beneficial use. Condition 004 will be dropped as there are no property concerns since permit holders own the POU and POD. Condition R66 will be updated to Condition X31 because the irrigation is under one acre. The permit holder confirmed a fish screen with perforations of 1/4 in was installed, therefore condition X15 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 to 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: < >

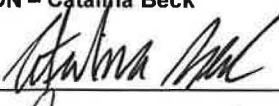
J. AUTHENTICATION – Catalina BeckField Examiner's  Date 7-24-25Reviewer  Date 08-07-2025

Figure 1 GIS 2023 Aerial Imagery



Figure 2 Google 2024 Aerial Imagery

