

3. Diversion System Information:

- ☐ Delivery System Diagram Attached. (mark all major components and distances between components)
- ☒ Aerial Photo indicating the location of the recommended POD and POU(required).
- ☒ Additional Aerial Photography.
- ☐ 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 Application Processing Memo #17 the standard diversion rate/acre for the irrigation of 5 acres or less is 0.03 cfs/acre. The permit authorized 0.02 cfs. I am recommending a 0.01 cfs diversion rate.

$(0.4 \text{ acres of confirmed irrigation}) * (0.03 \text{ cfs/acre}) = 0.012 \text{ cfs or } 0.01 \text{ cfs rounded.}$

Administrative Application Processing Memo #17 Calculation = 0.01 cfs

Permit allowed = 0.02 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (0.4 \text{ acres}) * (3.0 \text{ af/acre}) = 1.2 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = (0.01 \text{ cfs}) * (214 \text{ days}) * (1.9835 \text{ af/day}) = 4.2 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.2 \text{ af}$$

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock N/A Domestic # of Homes N/A

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: GIS, Idaho Tax Parcel Data, 2024 Bonner County Aerial Imagery, photographs provided by the permit holder on January 8th, 2025, and the permit holders Proof Statement.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-office examination. The permit authorizes the irrigation of 0.8 acres diverting from Priest Lake. Unfortunately, 2024 Bonner County Aerial Imagery did not indicate any irrigation was developed. After speaking with the permit holder, they indicated development of irrigation occurred in the summer of 2024. The permit holder provided photographs of the extent of irrigation to the Department on January 8th, 2025, via email. They indicated the irrigation presented in the photographs was the full extent of irrigation developed, around 0.2 acres. In the same email the permit holder indicated a sprinkler system was installed in tax lots 46 and 47 (see field exam map below for spatial context). After further research, 2024 Aerial Imagery showing the full extent of developed irrigation was identified. Therefore, utilizing all available evidence 0.4 acres of irrigation was confirmed within the development period. According to Idaho Tax Parcel Data irrigation occurred in tax lot 47 is possibly not owned by 542 Warren Beach LLC. However, after additional email correspondence with the permit holder they confirmed 542 Warrant Beach LLC is the owner of tax lots 46 and 47 (see field exam map below for spatial context).

A condition on the permit requires the permit holder to install a fish screen meeting the fish screening and passage requirement of the Idaho Department of Fish and Game. The permit holder confirmed a fish screen meeting said requirements was installed on their Proof Statement. Since the permit holder did not provide a pump horsepower a diversion rate calculation was not possible. The standards set in Administrative Application Processing Memo #17 aided in determining a diversion rate recommendation. All of the conditions on the permit were met and development of beneficial use was confirmed within authorization on the permit. Therefore, I am recommending a 0.01 cfs diversion rate and 1.2 af diversion volume.

Conditions X31, 227, and 004 should remain on the license. Condition X31 should be updated to reflect the recommended diversion rate and volume. Condition 029 should be removed because the permit holder confirmed a fish screen was installed meeting the fish screening and passage requirements of the Idaho Department of Fish and Game.

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>	<u>ANNUAL VOLUME</u>
Irrigation	04/01-10/31	0.01 CFS	1.2 AF
Totals:		0.01 CFS	1.2 AF

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

J. AUTHENTICATION

Field Examiner: **Skyler Cheever – Water Resource Agent, Sr – State Office**

Field Examiner's



Date

6/9/2025

Reviewer



Date

6/9/25

Field Exam Map

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



2024 Bonner County Aerial Imagery

97-8833 2024 Bonner County Imagery



RECEIVED

JAN 09 2025

DEPT. OF WATER RESOURCES







Cheever, Skyler

RECEIVED

JAN 09 2025

From: Rebecca Sheppard <rjs@rsheppardlaw.com>
Sent: Thursday, January 9, 2025 11:38 AM
To: Cheever, Skyler
Subject: RE: photos for beneficial use exam, # 97-8833

DEPT. OF WATER RESOURCES

CAUTION: This email originated outside the State of Idaho network. Verify links and attachments BEFORE you click or open, even if you recognize and/or trust the sender. Contact your agency service desk with any concerns.

Great. Please let me know if anything else comes up.

Thanks!

From: Cheever, Skyler <Skyler.Cheever@idwr.idaho.gov>
Sent: Thursday, January 9, 2025 10:36 AM
To: Rebecca Sheppard <rjs@rsheppardlaw.com>
Subject: RE: photos for beneficial use exam, # 97-8833

Hello Ms. Sheppard,

Thank you for providing me this information. Yes, this does answer my question, and I will note this correspondence in my in-office exam report. I now have all of the pertinent information to complete my review of permit 97-8833 for licensing. If you have any additional questions, please let me know.

Thank you,

Skyler

From: Rebecca Sheppard <rjs@rsheppardlaw.com>
Sent: Thursday, January 9, 2025 11:02 AM
To: Cheever, Skyler <Skyler.Cheever@idwr.idaho.gov>
Subject: RE: photos for beneficial use exam, # 97-8833

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Hi Skyler-

There are no legal access concerns. We own both 542 Warren Beach LLC and 942 Windsong LLC. The sprinkler system I showed you controls the irrigation on both of parcels.

Does that answer your questions?

Thanks!

Best Regards,
Rebecca Sheppard



REBECCA J. SHEPPARD, ATTORNEY

16114 E. Indiana Ave. #205, Spokane Valley, WA 99216

phone: 509.443.3014

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From: Cheever, Skyler <Skyler.Cheever@idwr.idaho.gov>

Sent: Thursday, January 9, 2025 8:34 AM

To: Rebecca Sheppard <rjs@rsheppardlaw.com>

Subject: RE: photos for beneficial use exam, # 97-8833

Hello Ms. Sheppard,

Thank you for providing photos of developed irrigation. I do have one question thought. After determining the location of the photographs, it seems irrigation is occurring in a parcel that is owned by a different entity, 924 Windsong LLC, and is not part of the permitted place of use. The parcel was previously owned by 524 Warren Beach LLC but was deeded to the new owner in 2023. If you could provide any information indicating there are no legal access concerns to the irrigated area or point of diversion. If you have any questions or concerns, please let me know.

Best,

Skyler

From: Rebecca Sheppard <rjs@rsheppardlaw.com>

Sent: Wednesday, January 8, 2025 5:02 PM

To: IDWR File <file@idwr.idaho.gov>

Cc: Cheever, Skyler <Skyler.Cheever@idwr.idaho.gov>

Subject: photos for beneficial use exam, # 97-8833

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Hello Skyler-

We spoke in December regarding Permit 97-8833. You indicated that the current images available on Google do not show an irrigation system or landscaping, etc. Those images are outdated; the property has new construction and landscaping which were finished in the summer of 2024.

Attached are photos of the below-ground sprinkler control boxes and landscaping (albeit snow-covered).

Please let me know if I can be of further assistance.

Thanks!

Best Regards,

Rebecca Sheppard



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