

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

A. GENERAL INFORMATION

Exam Date: 1/8/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? ☒ Y ☐ N
- a. ☐ 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: Thomas & Donna Hash

Owner of Record Correct? ☒ X ☐ Y ☐ N

Address of Record Correct? ☒ X ☐ Y ☐ N

If No Explain:

3. Beneficial Use Fees have been paid:
- ☒
- Y
- ☐
- N Receipt No: C119566

4. Source: Middle Fork St Maries River Tributary: St Maries River

Method of Determination: GIS, Tax Parcel Data, and the permit holders' Statement of Completion for Proof of Beneficial Use.

Change in Source: ☐ Y ☒ N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:
- ☒
- No Overlap

Water Right No.	Source	Purpose of Use	Basis
92-10833	Middle Fork St Maries River	Stockwater	Decreed

Comments: The POU for Water Right 92-10833 overlaps the POU of Permit 92-11095. However, the purpose of use for this water right is stockwater and is unrelated to the domestic use claimed by Permit 92-11095.

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

Water Right No.	Source	Purpose of Use	Basis

Comments:

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Middle Fork St Maries River			SE	SW	5	42N	02E	B.M.	Shoshone

Method of Determination: GIS and Taxlot data.

Change in POD? ☐ Y ☒ N Amendment Required? ☐ Y ☒ N

Place of Use: Domestic

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
42N	02E	5												X					
		Lot #																	

Method of Determination: GIS and Taxlot data.

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)

___ Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
1082195	Aquastrong	1.6	N/A	Aquastrong	1" NPT

*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: The permit holders stated that they have a 1.6 horsepower pump, which I used for calculations of a theoretical diversion rate (Q).

$$Q = \frac{\text{Conversion Factor to cfs} * \text{Efficiency of pump (\%)} * \text{Horse Power}}{\text{depth to water} + 2.31 * \text{psi}}$$

$$Q = \frac{8.8 * 0.7 * 1.6}{20 + 2.31 * 40}$$

$$Q = 0.09 \text{ cfs}$$

The following values in the theoretical equation are estimates and were not measured: Efficiency of pump (70%) and depth to water (20 ft). Because this calculation yields an amount that exceeds the diversion rate authorized under the permit, the diversion rate will be recommended consistent with the permit as 0.04 cfs.

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

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Domestic: Field Examiner's Handbook lists a typical volume of 60 gallons per day and per person for a rural residence.

60 gallons per day x 5 RVs = 300 gallons per day.

300 gallons/day x 183 days/year (April 1-September 30) / 325,851 gallons/acre-foot = 0.17 acre feet annually.

The permit authorizes up to ½ acre of irrigation. Application Processing Memo lists a typical volume of 0.6 af when irrigation is separated. 0.6 af + 0.17 af = 0.77 af, which rounds to 0.8 af.

G. PURPOSE OF USE

Irrigation ☐ Y ☒ N # Stock ☐ x ☐ Domestic # of Homes ☐ 5 recreational vehicles ☐

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: GIS, Tax Parcel Data, 2023 Bonner County Aerial Imagery, and the permit holders Statement of Completion for 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 domestic use of less than 0.24 cfs. The exam was conducted January 8, 2025, by Jared Klay. At the time of exam, ownership of the permit is in the name of Thomas & Donna Hash. Current Shoshone County taxlot data represents the permit holders own the land appurtenant to the place of use (POU) and point of diversion (POD). Proof of Beneficial use was submitted on December 9, 2024.

Shoshone County aerial imagery confirms domestic use on the property. The permit holders confirmed that this use usually occurs between April and September. Therefore, I calculated the volume based off April 1-September 30. The permit holders also stated that there are two full-time RVs hooked up to the diversion system during their season of use but occasionally there are up to 5 RVs at a time. These factors were used to calculate an annual volume for this use. I am recommending 0.04 cfs for the diversion rate and 0.8 af for an annual volume.

The permit holders submitted a map with their application for permit and circled the place of use, which included a small portion of the SWSE. However, they only applied for, and were permitted for the SESW. I reached out to inquire if they wanted a licensing amendment to add the SWSE to their license, but they declined, stating that the beneficial use does not actually occur in the SWSE. Therefore, the place of use will be recommended solely in the SESW.

All the conditions of this permit have been met. Condition 029 can be dropped because the Idaho Department of Fish and Game did not submit a request to the applicant in regard to installing a fish screening their diversion system. Condition 004 will be dropped because there are no property concerns. Condition 26A will be dropped because the permit holder has submitted proof of beneficial use. All other conditions on the permit will be carried over to the license.

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>
Domestic	1/01-12/31	0.04 CFS	0.8 AF
<u>Totals:</u>		0.04 CFS	0.8 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

Other: < >

J. AUTHENTICATION – Jared Klay

Field Examiner's *Jared Klay* Date 7/28/25

Reviewer *[Signature]* Date 12/3/2025

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



2021 Shoshone County Aerial Imagery



Klay, Jared

From: Tom & Donna <tom.donna.hash@frontier.com>
Sent: Friday, March 7, 2025 12:53 PM
To: Klay, Jared
Subject: Re: Water Rights Permit 92-11095

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.

Hi Klay,

The water diversion is seasonal, usually April to the end of September each year and we remove the pump and irrigation hose from the river to winterize. Also, the RVs are removed in the off season in case of flooding. Don't have any photos now but could take some when we set up in late April.

We're use a black irrigation hose in the river hooked up to a pump on land that feeds buried water lines feeding 4 spigets.

How this helps, please let know if you have more questions.

Donna

[Yahoo Mail - Email Simplified](#)

On Mon, Mar 3, 2025 at 11:18 AM, Klay, Jared
<jared.klay@idwr.idaho.gov> wrote:

Thomas and Donna,

I am reviewing your statement of completion of beneficial use for Permit 92-11095 that you submitted in December. This is the permit for 5 RVs at 3010 FOREST S RD 301. I was hoping you could provide a few additional details to help me in my review of this permit. Is water diverted from the middle fork of the St. Maries River year-round for this use or is it seasonal? Are there currently 5 RVs located at the site and hooked up to the system? Would you be able to provide any photos of the diversion system or the site? Any of this would be very helpful. Let me know if you have any questions. Thanks 😊

Jared Klay

Water Resource Agent, Sr. | Water Rights Section

Idaho Department of Water Resources | 322 E Front St, Boise

jared.klay@idwr.idaho.gov

Klay, Jared

From: Tom & Donna <tom.donna.hash@frontier.com>
Sent: Wednesday, March 12, 2025 11:51 AM
To: Klay, Jared
Subject: Re: Water Rights Permit 92-11095

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Here's the pump information:

- Aquastrong 1.6 HP Shallow Well Pump with Pressure Tank, 1320 GPH, 115V, Stainless Steel Irrigation, Automatic Water Booster Jet Pump for Home, Garden, Lawn



On Wednesday, March 12, 2025 at 10:38:29 AM PDT, Klay, Jared <jared.klay@idwr.idaho.gov> wrote:

Klay, Jared

From: Tom & Donna <tom.donna.hash@frontier.com>
Sent: Monday, March 31, 2025 9:06 AM
To: Klay, Jared
Subject: Re: Water Rights Permit 92-11095

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During the Summer months we have two RV's full-time hooked up to the water system. We occasionally have guests on the weekend so sometimes there may be 4-5 for brief periods but two consistently. A third RV is full-time on the property during the Summer but he never connects to the water system.

Thank you Klay,
Tom and Donna

On Monday, March 31, 2025 at 07:26:59 AM PDT, Klay, Jared <jared.klay@idwr.idaho.gov> wrote:

Thanks for reaching out 😊 I think the last thing I was hoping to verify was the number of RVs that are on the property and hooked up to the diversion system. On your application for permit, you mentioned 4-5, but I was hoping to get a more exact number. Thanks!

Jared Klay

Water Resource Agent, Sr. | Water Rights Section

Idaho Department of Water Resources | 322 E Front St, Boise

jared.klay@idwr.idaho.gov



From: Tom & Donna <tom.donna.hash@frontier.com>
Sent: Saturday, March 29, 2025 8:54 AM
To: Klay, Jared <jared.klay@idwr.idaho.gov>
Subject: Re: Water Rights Permit 92-11095

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