

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 92-11097
Exam Date: 04/24/2025

1. Current Owner:

JUSTIN MURPHY 807 N FORK SANTA CREEK RD SAINT MARIES ID 83861-9541 AND/OR
CRISSA MURPHY 807 N FORK SANTA CREEK RD SAINT MARIES ID 83861-9541

2. Accompanied by: Crissa Murphy

Phone No: 208-582-0437

Address: Same as above

Relationship to permit Holder: Permit Holder

3. **SOURCE:**

UNNAMED STREAM

Tributary

SANTA CREEK

Method of Determination: ArcMap and DRG Layer.**B. OVERLAP REVIEW**

1. Other water rights with the same place of use:

YES Overlap

Water Right No.	Source	Purpose of Use	Basis
92-7088	SPRING tributary of SINKS	DOMESTIC	LICENSE

Comments: Licensed Right 92-7088 authorizes domestic use in the amount of 0.02 cfs / 1.2 afa from a Spring source tributary of Sinks. The domestic POU was assigned as a generic 40-acre tract at time of license issuance. Backfile maps vaguely illustrate the beneficial use is occurring on a parcel to the south of this Permit's parcel & POU. Due to 92-7088's domestic not being appurtenant to Permit 92-11097's POU nor parcel there is no concern for overlap between WRs.

2. Other water rights with the same point-of-diversion:

NO Overlap**C. DIVERSION AND DELIVERY SYSTEM**1. **LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM SW¼ NW¼, Sec. 25, Twp 44N, Rge 03W, B.M. BENEWAH County

UNNAMED STREAM SW¼ NW¼, Sec. 25, Twp 44N, Rge 03W, B.M. BENEWAH County

Method of Determination: GPS; Western POD is a collecting pool in stream located at -116°40.0939, 47°8.0083 and Eastern POD is a rotomolded collection pool in-stream located at -116°39.9915, 47°8.0147

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
44N	03W	25							X										

Method of Determination: Beneficial use field exam and ArcMap aerial imagery.

- 3.
- ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components.
☒ Indicate weir size/pipe as applicable.
- ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
UNNAMED STREAM (WESTERN)				YOUNG TREE – 12V/DC BATTERY OPERATED PUMP	MODEL: T33-12V 3.5 GPM 1/2 -INCH FLEX TUBING TO PORTABLE TANK.
UNNAMED STREAM (EASTERN)				YOUNG TREE – 12V/DC BATTERY OPERATED PUMP	MODEL: T33-12V 3.5 GPM 1/2 -INCH FLEX TUBING TO PORTABLE TANK.

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements: In accordance with IDAPA 37.03.02 Beneficial Use Examination Rules, Section 035.01.q.iii, a direct measurement is not required if the extent of beneficial use and POD can be confirmed by assorted other means. Pump capacity was evaluated during the exam which demonstrated the small 12-Volt DC pump has a pump capacity of 3.5 gpm, which rounds to 0.01 cfs considering Department rounding standards.

E. FLOW CALCULATIONS

Measured Method: Pump manufacturer data plate information specifies a 3.5 gpm flow capacity.

- Permit authorized diversion rate(s): 0.03 cfs for irrigation based on 1.0 acres, 0.02 cfs for stockwater use, and 0.06 cfs for domestic use 2 homes.
- Beneficial use field exam evaluated a portable trailer mounted tank filled by 12-Volt Young Tree brand Model T22-12V pump with 3.5 gpm pump capacity.
- License recommendation: **0.01 cfs** for Domestic beneficial use, which equals 4.5 gpm; pump capacity rounded up to nearest CFS authorized rate eligible for license approval.
 - The irrigation and stockwater beneficial uses were not developed within the Permit's development period and have been removed from the permit during licensing review.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A – The irrigation beneficial use component was removed from the Permit during licensing review upon findings during the field exam that no development occurred within the 'development period'.

2. Volume Calculations for Other Uses:

- The stockwater beneficial use component was removed from the Permit during licensing review upon findings during the field exam that no development occurred within the 'development period'.
- I'm recommending license approval for domestic use without a diversion volume on the face of the water right. I've recommended volume limitations described by Conditions of Approval using the definition of Idaho Code §42-111 (pre-dating legislative change on 7/01/2025) **part B**. Domestic use is limited to 1 home, an RV was used during the development period, as the Applicant worked on the home-site and I've recommended addition of conditions WB5 & N06 which limit the License to 1 home internal use only, and limited to 2,500 gallons per day by condition of approval respectively.

G. NARRATIVE/REMARKS/COMMENTS

I conducted a beneficial use field exam for 92-11097 & 92-11089 on 4/24/2025 with the Permit Holder, Crissa Murphy, which showed water being diverted for domestic use. The water system developed under Permit 92-11097 diverts from two separate locations from Unnamed (intermittent) Stream sources. Diverting works incorporate a portable 4-wheeler mounted 50-gal tank with 12-volt 3.5 gpm pump; once filled the tank is transported to a shared 2,500 gallon rotomolded storage reservoir which is used by the Permit Holders with the water system infrastructure for Permit 92-11089. I have recommended 0.01 cfs as the domestic beneficial use diversion rate and maximum diversion rate for licensing purposes based on the 3.5 gpm diverting pump observed at time of exam.

The western POD is a small catch basin cut to intercept unnamed stream flow, with pump and intake pipe dropped from the 4-wheeler trail to fill the transport tank. The eastern POD had been developed with a small roto-molded pond, similar to a small lawn water feature pond, placed in-stream to catch unnamed stream water which is then pumped into the transport tank. The eastern POD had plans for a gravity drain pipeline intended to connect to the larger 2,500-gallon storage tank but that system was not active at time of field exam. I've recommended licensing based on how the system was operated throughout the Permit's development period.

During the field exam I walked the property with Mrs. Murphy using field maps to sketch the location of POD(s) and POU and cataloged numerous photographs to illustrate the water system developed under the Permit. The water system's singular use during the development period was domestic, and no irrigation nor stockwater use was developed; I've removed both irrigation and stockwater beneficial uses from the Permit during licensing review based on their non-development status. The water conveyance system uses the 50-gallon drum transported by trailer from each POD to a central 2,500-gal storage tank with dedicated buried poly-pipe routed to a service stub-in for domestic use. Additionally, an RV was lived in during the development period while the parcel was prepared for home construction.

The domestic POU consists of a cleared and prepared primary residence pad with primary water line routed and capped within the center of the pad – photographs illustrate the service pipe at the building site. The water line is gravity flow from the 2,500-gal storage tank. While the residence was not constructed, I'm recommending credit for domestic beneficial use based on the stub-in and fact that water was used in a RV throughout the development period. Due to the minor development of the domestic system, I'm not recommending an annual volume for licensing purposes.

In lieu of an annual volume on the face of the license, I'm recommended by condition of approval that domestic use shall not exceed 2,500-gal per day as a volume limitation. This satisfies the definition of Idaho Code §42-111 part B, prior to rule change as of 7/1/2025, which authorized 0.04 cfs and not more than 2,500-gal per day for any other use than qualified under part A. The development period closed and the Statement of Completion was received by IDWR on 1/6/2025, prior to the Idaho Legislature passing Senate Bill 1083A which changes the definition of §42-111 effective 7/1/2025. The 2,500 gallon

per day limitation is generous considering the 2,500-gal storage reservoir serves two parcels for domestic use and the 3.5 gpm pump doesn't operate 24 hrs. per day diverting unnamed stream water.

I've removed conditions 26A and 029 from the Permit during licensing review. I have removed conditions X02 and R66 based on non-development of the stockwater and irrigation beneficial uses. I replaced condition 132 with WB5 to describe that domestic use is for in-home use only and does not authorize lawn, garden, landscape, or other types of irrigation. I've added condition N06 to describe the quantity of water under this right shall not exceed 2,500 gallons per day. All other conditions on the Permit are being carried forward to the license. There are no overlapping water right concerns toward licensing 92-11097.

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

H. RECOMMENDATIONS

1. Recommended Amounts

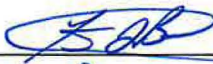
<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>
DOMESTIC	01/01 to 12/31	0.01 CFS

Totals: 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

I. AUTHENTICATION Luke Bates – Sr Water Resource Agent

Field Examiner's Name  Date 12/9/2025
 Reviewer Michelle Richman Date 8/7/2026

State of Idaho
Department of Water Resources
Attachment to Field Exam
92-11097

This map depicts the DOMESTIC system diagram.



 NHDPlus_HR - Unnamed Stream(s) - illustrative purposes only, physical stream channel(s) may be shifted

 Place Of Use Boundary

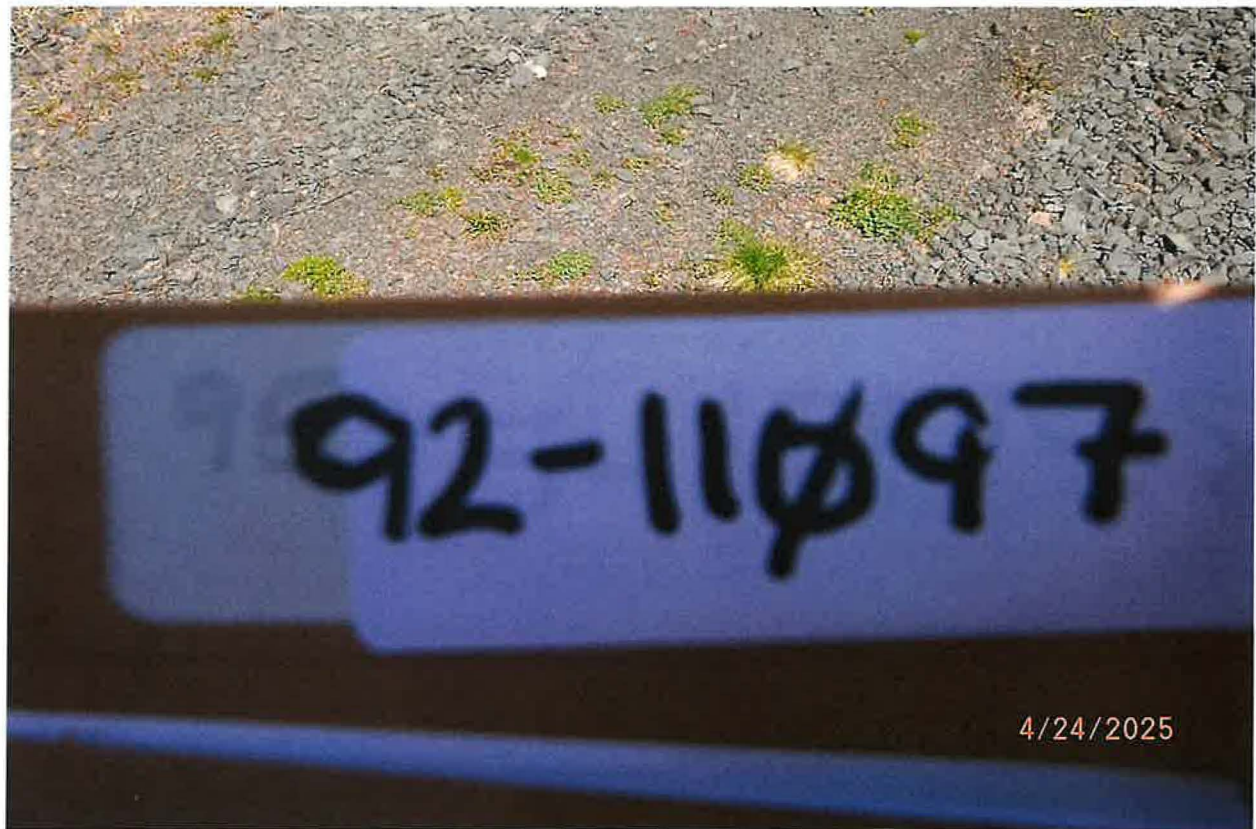
 Point of Diversion

 Townships

 PLS Sections

 Quarter Quarters





BENEFICIAL USE FIELD EXAM DATE 4/24/2025



POD – WESTERN MOST POD, SMALL COLLECTION POOL DUG OUT TEMPORARILY CAPTURING STREAM WATER WHICH IS PUMPED TO STORAGE TANKS



POD – EASTERN MOST POD, RUBBER MADE TUB INSTALLED IN SWALE TO COLLECT UNNAMED STREAM WATER; PUMPED TO STORAGE TANKS





DIVERTING WORKS – 12V/DC 3.5 GPM PUMP ATTACHED TO 4-WHEELER TRAILER
USED TO DIVERT UNNAMED STREAM WATER FROM COLLECTION POOLS



PORTABLE COLLECTION TANK USED TO TRANSFER STREAM WATER TO STORAGE
TANK(S)



2,500-GAL STORAGE RESERVOIR SERVES WATER USE FOR WATER RIGHTS 92-11089AND 92-11097





CONVEYANCE SYSTEM – OVERLAND PIPE ROUTED FROM STORAGE RESERVOIR TO
FILL POINT



WATER FILL STATION FROM 2,500-GAL STORAGE TANK – PORTABLE TANKS
FILLED FOR USE AT OFF-GRID RESIDENCES



DOMESTIC POU – HOME SITE PREPARED FOR DEVELOPMENT WITH SERVICE LINE ROUTED TO CENTER OF PAD. DOMESTIC USE IS FOR A LIVE-IN RV ON-SITE WHILE CONSTRUCTING THE PRIMARY RESIDENCE



DEDICATED WATER SERVICE LINE FROM 2,500-GAL STORAGE TANK TO HOME SITE (CENTER MASS OF PAD)