

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-9508
Exam Date: 07/25/2024

1. Current Owner:
MIKE P GOLDADE 13075 S SHORE DR CATALDO ID 83810-9770 AND/OR
CRYSTAL GOLDADE 13075 S SHORE DR CATALDO ID 83810-9770
2. Accompanied by: Mike Goldade
Phone No: 208-682-6212
Address: Same as above.
Relationship to permit Holder: Permit Holder

3. **SOURCE:**
COEUR D ALENE RIVER

Tributary
COEUR D ALENE LAKE

Method of Determination: ArcMap and DRG layer.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap
2. Other water rights with the same point-of-diversion: NO Overlap

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
COEUR D ALENE RIVER L8 (SW¼ NE¼), Sec. 6, Twp 48N, Rge 01E, B.M. KOOTENAI County

Method of Determination: GPS; POD is a screened intake to water transfer pump located at -116°23.1234, 47°32.4112

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	
48N	01E	6			X L8														

Method of Determination: In-office exam conducted with drive by to collect photographs and GPS the POD.

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 Model No.	Pump Make	Pump Serial No. or Discharge Size
CENTRIFUGAL PUMP	U.S. MOTORS	1.5	T63CXCLU-2103	CENTRIPRO	1-1/4-INCH DISCHARGE

D. FLOW MEASUREMENTS

1.

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

2. Measurements: No measurement required for an in-office exam.

E. FLOW CALCULATIONS

Flow measurement not required as per IDAPA RULE 37.03.02.035.01.r.iii.

F. DIVERSION RATES

The diversion rate for this irrigation right is limited to **0.04 CFS** or 18.0 GPM.

G. VOLUME CALCULATIONS

The annual volume for this irrigation right is limited to = **0.6 AF**, for domestic (external use only) with 1/2 ac irrigation included as domestic usage.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house field examination. A drive-by exam was conducted on 7/25/2024 to obtain photographs of the POU, validate the domestic water use, & GPS the POD. Kootenai County tax parcel data was reviewed which verifies ownership of parcel RP48N01E61000 in the applicant's names as Michael and Crystal Goldade Living Trust; no change in ownership is recommended for licensing the water right using the current contact information.

During licensing review, I noted potential aerial drift resulting in a portion of the applicants parcel being located outside Gov Lot 8 SW1/4NE1/4. Considering that the water body is normally the non-government lot and the immediate waterfront land receiving the government lot designation, it's reasonable to see that once aerial shift is evaluated the entirety of the applicant's domestic POD & POU is located within the Permitted legal description of L8, SW1/4NE1/4, Sec. 6, Twp 48N, Rge 01E, in Kootenai County. I don't recommend an Amendment of Permit to change legal descriptions for licensing purposes. The licensing map products are for illustrative purposes only, and the face of the license shall retain the accurate legal descriptions for the designated POD & POU.

The applicant's diverting works at the POD incorporate a screened flexible 1-1/4-inch intake pipe to a 1.5 hp Centripro centrifugal pump. The water conveyance components include 1-1/4-inch discharge pipe to a 4-zone manifold and pressurized watering system where one zone normally operates at a time. Photographs taken illustrate the water control box with 4-zone manifold and rainbird control panel. The 1.5 hp pump is capable of producing 18 gpm or **0.04 cfs**, which I've recommended for licensing purposes.

During the site visit I validated that none of the recreational vehicles (RVs) are service connected to the external use only water system. The POU includes a small waterfront strip of level land that is watered periodically in summer months only.

The Permit Holder asserts that depending on spring and water levels they normally use water from June to September. The Permit authorized year-round domestic use but contemplated development of 1 home with the ½ acre irrigation included. Based on validation that the water system is external use only for lawn irrigation, I've changed the domestic season of use to reflect 3/15 to 10/31 annually conforming with the standard irrigation season of use for this region. During the site visit I sketched the lawn watering area on field maps and during licensing review I utilized ArcMap aerial imagery to assign the domestic POU a 0.5-acre polygon shape. I've recommended the annual volume of **0.6 af**, which coincides with the ½ acre irrigation included with domestic use for 1 home as the external water use allotment found in Administrators Memorandum – Application Processing Memo No. 22.

I removed condition 26A from the permit during licensing review. I removed condition X01 from the Permit as no home or RV has been developed for water use within the development period of the Permit. Any future intent to use surface water for domestic use shall require a new application for permit filing. I've added condition 240 that describes the domestic use is for external use only. Condition 227 was added to the Permit approval, and it shall be carried forward to licensing; although Minimum Stream Flow (MSF) Right 94-7341 is conditioned to be subject to future municipal and domestic development or be subordinate to future domestic development in case of this Permit, the water system is developed & I'm characterizing it as an irrigation system. When MSF Right 94-7341 is not met by in-stream flows, right 94-9508 is required to turn off or curtail their diversion of water. All other conditions on the Permit are being carried forward to licensing. There are no overlapping water right concerns toward licensing Right 94-9508.

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

I. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC (External use only)	03/15 to 10/31	0.04 CFS	0.6 AF
<u>Totals:</u>		0.04 CFS	0.6 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 Luke Bates – Sr Water Resource Agent

Field Examiner's Name *J.D.B.F.* Date *10/1/2024*

Reviewer *Chad Bates* Date *3/11/2025*

State of Idaho
Department of Water Resources
Attachment to Water Right
94-9508

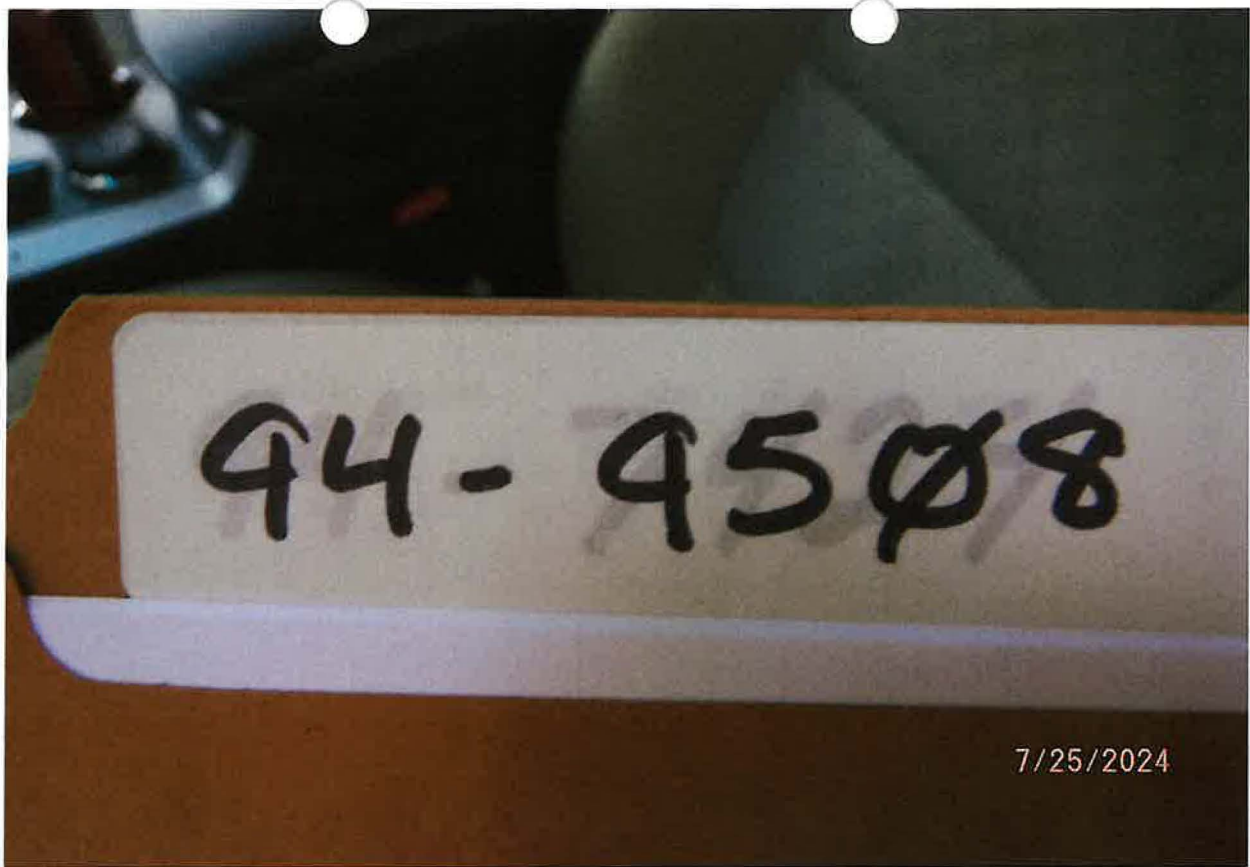
This map depicts the DOMESTIC (External Use Only) water system diagram.



0 0.035 0.07 0.14 Miles

- Place Of Use Boundary
- Point of Diversion
- Townships
- PLS Sections
- Quarter Quarters





BENEFICIAL USE FIELD EXAM DATE 7/25/2024



POD – SCREENED INTAKE IN COEUR D'ALENE RIVER



POD – 1.5 HP U.S. MOTORS CENTRPRO CENTRIFUGAL PUMP TO 1.5-INCH DISCHARGE PIPELINE



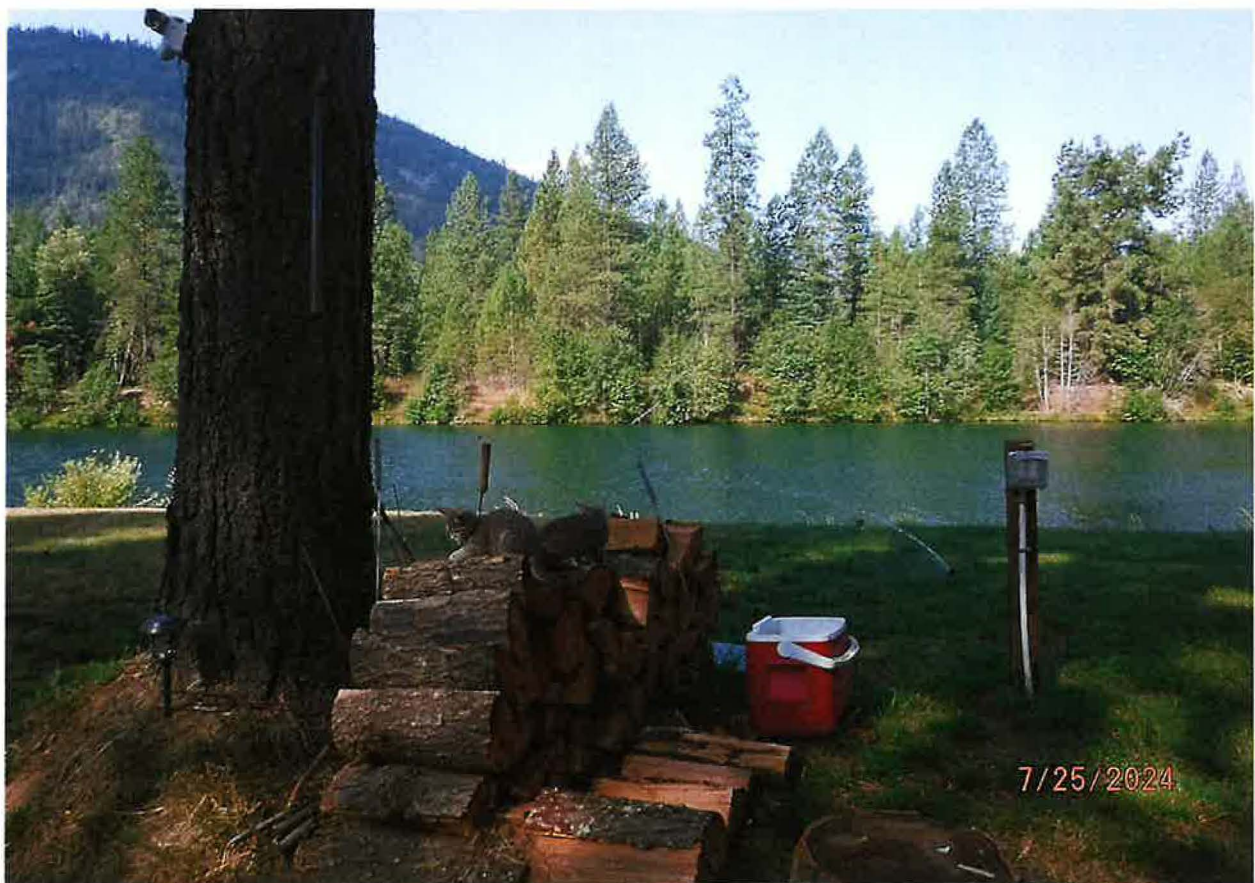


WATER CONVEYANCE SYSTEM USES FOUR ZONES FOR DOMESTIC EXTERNAL USE UP TO ½ ACRE
IRRIGATION BY PRESSURIZED SPRINKLERS





DOMESTIC POU – EXTERNAL USE ONLY, ½ ACRE IRRIGATION USES RAIN BIRD 5000 POP-UP ROTARY SPRINKLERS TO IRRIGATE RIVER FRONTAGE AT THE POU





DOMESTIC POU – LAWN WATERING





DOMESTIC POU – LAWN WATERING





DOMESTIC POU – LAWN WATERING EXTERNAL USE ONLY. **RVs ON-SITE ARE NOT SERVED WATER BY THIS SURFACE WATER SYSTEM**