

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

A. GENERAL INFORMATION

Permit No: 94-9619

Exam Date: 7/31/19

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X 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 Domestic

2. Current Owner: Name: Marshal and Mary Moulton
 Owner of Record Correct? x Y N
 Address of Record Correct? x Y N
 If No: Address

3. Fees have been paid: x Y N Receipt No: C107146

- | 4. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|--|---|
| Coeur D Alene River | Coeur D Alene Lake |
| Method of Determination: GIS, Department Records | |
| Change in Source: | <u> </u> Y <u> </u> X <u> </u> N |

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE

Water Right No.	Source	Purpose of Use	Basis
94-9614	Coeur D Alene River	Domestic	License (See Remarks)
94-7831	Coeur D Alene River	Domestic	License

Comments:

Water right 94-9614 overlaps the POU and is also owned by the Marshall and Mary Moulton. It was split off of right 94-7831 after a change in ownership. The ownership changed from Arney and Amy Wick to the Moulton's. According to the remarks on the proof report for right 94-9614, it was determined that the split was not necessary and a new water right needed to be filed. Therefore, right 94-9614 is not valid and this permit serves as the new right that needed to be established

Water right 94-7831 slightly overlaps with the POU for this permit. It is for a domestic use by the Wick's. No overlap concerns are present.

2. Other water rights with the same point of diversion: NONE

Water Right No.	Source	Purpose of Use	Basis
94-9614	Coeur D Alene River	Domestic	License (See Remarks)

Comments: The only water right overlapping with the POD is 94-9614. It was split from right 94-7831 but 94-9614 is not valid. The owners of right 94-9614 are Marshall and Mary Moulton. A new water right needed to be filed since 94-9614 was not valid. This permit serves as the necessary water right that needed to be established.

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

[illegible]

Method of Determination:

Change in POD? Y x N Amendment Required? Y x N2. **PLACE OF USE:** 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	
48N	02W	14				x									x				
		Lot #				L8									L9				
Total Acres =																			

Method of Determination: GIS/Department Records

Change in POU? Y x N Amendment Required? Y x N3. N/A Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable. N/A Aerial Photo Attached (required for irrigation of 10+ acres). N/A Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*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
NONE						

2. Measurements:

E. FLOW CALCULATIONS Additional Computation Sheets Attached

Measured Method:

According to administrative memo #22, domestic use for 1 home is allowed a flow rate of .04 cfs.

The Hp of the pump was not known and a theoretical calculation could not be performed. A standard diversion rate of 0.04 cfs is recommended per admin. Memo #22.

Measurement = N/A

Permit allowed = 0.04 cfs

License recommend for .04 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

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

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

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

2. Volume Calculations for Other Uses:

If the permit holder is irrigating is a full ½ acre under the domestic stipulation, it would equate to 1.5 af (.05 acres X 3.0 Irrigation req.)=1.5 af. However, it is unknown how much acreage is being irrigated, ½ acre or less, so the standard volume will be applied from Administrative memo #22.

Administrative memo #22 recommends a volume of 1.2 af with domestic use for in house use and up to ½ acre of irrigation.

Recommended: 1.2 af per administrative memo #22.

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock ☐ Domestic # of Homes ☐ 1 RV

Other:

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: Department records

If Yes: From Use ☐ To Use ☐ Amount ☐ CFS ☐ AFA ☐

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in house exam. It authorizes the use of .04 cfs from the Coeur D Alene River, tributary to Coeur D Alene Lake. According to the application, water use is for 1 RV including irrigation of ½ acre. Recent aerial imagery of the place of use (POU) shows a trailer/RV and irrigation under ½ acre.

In GIS, the shape for the POU included 2 parcels. One is owned by Marshall Moulton on the Coeur D Alene River and the other parcel behind it is owned by Idaho Parks and Recreation. I did not change the POU shape for the license but kept condition 004 restricting the right of way across the land of another.

A season of use from 01/01 to 12/31 is allowed under domestic uses. The application and permit listed a season from 3/15 to 10/31 which is the standard for irrigation use in the area. This season of use will be carried over to licensing instead of a year-round season.

Water right 94-9614 overlaps the POU and is also owned by the Marshall and Mary Moulton. It was split off of right 94-7831 after a change in ownership. The ownership changed from Arney and Amy Wick to the Moulton's. According to the remarks on the proof report for right 94-9614, it was determined that the split was not necessary and a new water right needed to be filed. Therefore, right 94-9614 is not valid and this permit serves as the new right that needed to be established.

Water right 94-7831 slightly overlaps with the POU for this permit. It is for a domestic use by the Wick's. No overlap concerns are present.

The only water right overlapping with the POD is 94-9614. Again, the owners of right 94-9614 are Marshall and Mary Moulton and it was split from right 94-7831. Overlapping right 94-9614 is not valid. This permit was filed to establish water use in place of right 94-9614.

Conditions 1 (X15), 2 (x01), 3 (187), 4 (227) and 5 (004) were all carried over to the license. They were all still pertinent 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>
Beneficial Use	Period of Use	Rate of Diversion	
DOMESTIC	03/15 to 10/31	0.04 CFS	1.2 acre feet
Totals:		0.04 cfs	1.2 acre feet

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 - ALEX DALGLEISH - WATER RESOURCE AGENT

Field Examiner's Name Alex Dalgleish Date 8/1/2019

Reviewer David A. Adams Date 8/8/19

State of Idaho
Department of Water Resources
Attachment to In House Exam
94-9619

This map depicts the DOMESTIC place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



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

0 0.035 0.07 0.14 Miles

