

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

A. GENERAL INFORMATIONPermit No: 94-9122

Exam Date: 12/14/2016

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y ___ N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: RMH2LLC
- Owner of Record Correct? X Y ___ N
- Address of Record Correct? Y ___ N
- If No: Address

This permit is for in-house use for a house boat. Tax parcel data shows that RMH2LLC owns the shoreline adjacent to the house boat and the property where the well is located. The lake is owned by Idaho Department of Lands, and they hold an Encroachment Permit for the house boat, but they don't have an encroachment permit for the lake pump and water line.

3. Beneficial Use Fees have been paid: X Y ___ N Receipt No: N032307

4. **SOURCE** **TRIBUTARY**

Ground water

Method of Determination: Well Driller's Report, GIS, Photos from Permit Holder, and Tax Parcel DataChange in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: Adjudication recommendations 94-9123 and 94-9124 are for three homes in the same parcel and for the same owner, but the houseboat associated with this permit is actually on the lake on land/water owned by the Idaho Department of Lands. This permit does share the same points of diversion for both water rights, but the actual place of use is different.

2. Other water rights with the same point of diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
94-9123	Ground Water	Domestic	Recommendation
94-9124	Blue Lake	Domestic	Recommendation.

Comments: Adjudication recommendations 94-9123 and 94-9124 are for three homes in the same parcel and for the same owner, but the houseboat associated with this permit is actually on the lake on land/water owned by the Idaho Department of Lands (IDL). This permit does share the same points of diversion for both water rights, but the actual place of use is different. Since these two water rights are recommendations, it would not be appropriate to include them in conditions stating they use the same points of diversion.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Ground Water (Well)			NE	NE	22	48N	3W	B.M.	KOOTENAI
Blue Lake	2		NW	NW	23	48N	3W	B.M.	KOOTENAI
								B.M.	

Method of Determination: GIS, Well Driller's Report, Permit Holder Photos, and Tax Parcel.Change in POD? X N Amendment Required? X N **2. PLACE OF USE:** Use: Irrigation

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	3W	23						D											
		Lot #						2											
Total Acres =																			

Method of Determination: GIS, Well Driller's Report, Permit Holder Photos, and Tax Parcel.Change in POU? X N Amendment Required? X N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 X Aerial Photo Attached (required for irrigation of 10+ acres). 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
Well	Unknown				
Blue Lake Pump	Unknown				

*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: No measurement is required for an in-house exam.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

There is no information to show what size of well pump or the lake pump that are being used. Therefore, I am following the standards set forth in Processing Administrative Memorandum #22, which states that the permit should be limited to 0.04 cfs.

Administrative Memo #22 = 0.04

Permit allowed = 0.04 cfs

I am recommending a diversion rate of 0.04 cfs as recommended in Administrative Memo #22.

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:

There is no information to show what the actual water volume being used. Therefore, I am following the standards set forth in Processing Administrative Memorandum #22, which states that the permit should be limited to 0.6 af for in-house use with no irrigation.

G. PURPOSE OF USEIrrigation ____Y____N # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ____Y____N

Method of Determination: Tax data, GIS, and Well Driller's Report.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit is qualifies for an in-house exam. The permit holder supplied excellent photos of the pipe distribution system that shows how the system was designed. A pipeline between ¾ and 1 inch delivers water from the well to the edge of the dock. The lake water pump sits below the dock and connects into the same line used by the well. From the edge of the dock, a pipeline can deliver either or both water sources to the houseboat by way of a pipeline underneath the dock.

The application for permit stated that the permit holder had filed for an encroachment permit with IDL to allow them to place the houseboat on Blue Lake. The adjudication files for water rights 94-9123 and 94-9124 had an unsigned copy of the encroachment permit. I contacted the IDL representative to confirm that encroachment permit had been approved. The IDL representative informed me that the encroachment permit had been signed and allowed them to have the houseboat on Blue Lake. However, the encroachment permit did not allow them to place a pump in the lake. There has never been a encroachment permit that would allow them to have a water pump in the lake. Adjudication claim 94-9124 claims that the permit holder has used this pump site since 1946. If the priority date of the adjudication recommendation is correct, the point of diversion and pump may have been in place prior to the requirement for an IDL permit. There is enough confusion on whether or not the permit holder needs an encroachment permit for the pump in the lake, it has been decided to move forward with licensing of this permit without confirmation of an encroachment permit for the pump. The IDL representative has been contacted and they can follow up on the encroachment permit issue if needed.

Conditions 1 (X01) and 2 (004) will be carried over to licensing. Conditions 3 (046) and 4 (26A) will be removed at licensing per standards. Recommendation 94-9123 is diverted from the same well as this permit, and recommendation 94-124 is diverted from the same lake pump as this permit, but they are both claims in the adjudication, so we cannot include them in the conditions for the permit.

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	01/01 to 12/31	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

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – Analyst 3

Field Examiner's Name  Date 12-14-16

Reviewer _____ Date _____



Permit 94-9122 -- Field Exam Map

The green point is the well location and the yellow point is the lake diversion location. The yellow border is the place of use for the houseboat. You can see the houseboat in the 2015 aerial photo.

Nelson, Dan

From: Jim Brady [jbrady@idl.idaho.gov]
Sent: Tuesday, December 13, 2016 11:04 AM
To: Nelson, Dan
Subject: RE: Confirmation of Encroachment Permit

Dan,
Yes, he needs an encroachment permit for the water intake line under the dock from us. Cost is \$300 and takes us about 40 days to process, have to do a 30 agency notice.

Jim Brady, Resource Supervisor
Lands & Waterways

Idaho Department of Lands
Mica Supervisory Office
3258 W. Industrial Loop
Coeur d'Alene, ID 83815
(208) 769-1577
jbrady@idl.idaho.gov
www.idl.idaho.gov

From: Nelson, Dan [<mailto:Dan.Nelson@idwr.idaho.gov>]
Sent: Tuesday, December 13, 2016 10:02 AM
To: Jim Brady
Subject: RE: Confirmation of Encroachment Permit

Hi Jim,

I have sent you copies of the pictures Mr. Rice sent in with his proof of beneficial use statement. The photos match his water right proposal, which allows him to use Blue Lake water and ground water from a well for his houseboat. The photos show a line coming from his well and another line coming in from a water pump under his dock that meet at the beginning point of the dock and then travel under the dock out to his house boat. Does he need a different permit for the pump under the dock?

Daniel Nelson
Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

From: Jim Brady [<mailto:jbrady@idl.idaho.gov>]
Sent: Tuesday, December 13, 2016 10:48 AM
To: Nelson, Dan
Subject: RE: Confirmation of Encroachment Permit

Hi Dan,

It is Jim please. Mr. Rice has an encroachment permit for a dock and float home on Blue Lake. If he is going to install a water intake line on the bed of the lake he needs to make application for that.

Jim Brady, Resource Supervisor
Lands & Waterways

Idaho Department of Lands
Mica Supervisory Office
3258 W. Industrial Loop
Coeur d'Alene, ID 83815
(208) 769-1577
jbrady@idl.idaho.gov
www.idl.idaho.gov

From: Nelson, Dan [<mailto:Dan.Nelson@idwr.idaho.gov>]
Sent: Tuesday, December 13, 2016 9:40 AM
To: Jim Brady
Subject: Confirmation of Encroachment Permit

Hello Mr. Brady,

I am working on licensing water right permit 94-9122 for RMH2 LLC for domestic use in a house boat on Blue Lake The approximately location of the houseboat is in Government Lot 2 (NWNW) of Section 23 in Township 48 north, Range 3 west. The application for permit states that you were working with RMH2 LLC for an "Encroachment Permit." I am contacting you to confirm that they have acquired the necessary approvals from your agency to have the houseboat on Blue Lake prior to issuing a water right license for the domestic use for this house boat.

Can you confirm that they have filed necessary permits, and that those permits have been approved? I just need confirmation from your office that they have the legal authority to have a house boat on the lake. If you have any questions, please don't hesitate to contact me.

Respectfully,

Daniel Nelson
Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)