

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

A. GENERAL INFORMATIONPermit No: 96-9887

Exam Date: 11/10/2021

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.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: Trevor and Sarah Ashenbrenner
 Owner of Record Correct? X Y N
 Address of Record Correct? Y N
 If No: Address

The Department's parcel data and Bonner County data shows John D. and Marilyn K Mc Devitt as the owners of the property. The Mc Devitt's assigned the permit to the permit to the Ashenbrenners on September 29, 2021. It appears as though the Ashenbrenners recently purchased the property, but the records do not appear to have not caught up with the ownership of the parcel. Therefore, I don't see any issues with the ownership of this property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C111153

4. SOURCE**TRIBUTARY**

Lake Pend Oreille

Pend Oreille River

Method of Determination: GIS 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
96-9889	Lake Pend Oreille	Domestic	Permit

Comments: Water rights 96-9887 and 96-9889 were filed for the same property. The water systems used on this property come from 2 separate lake pumps. The first lake pump (West Pump) services the irrigation use around the home and garage, and is not connected to any domestic use. The second lake pump (East Pump) services the inhouse use for the home and the garage. Permit 96-9887 originally was filed for irrigation and a single home. Permit 96-9889 was filed for a single home. These filing suggested that there were 2 homes on this parcel, but the permit holder confirmed in an email dated 11/9/2021 that the East Pump only supplied water to the irrigation system, and the West Pump only supplies domestic water to the home and garage. The two systems are not interconnected. They are completely separate systems.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: Water rights 96-9887 and 96-9889 were filed for the same property. The water systems used on this property come from 2 separate lake pumps. The first lake pump (West Pump) services the irrigation use around the home and garage, and is not connected to any domestic use. The second lake pump (East Pump) services the inhouse use for the home and the garage. Permit 96-9887 originally was filed for irrigation and a single home. Permit 96-9889 was filed for a single home. These filing suggested that there were 2 homes on this parcel, but the permit holder confirmed in an email dated 11/9/2021 that the East Pump only supplied water to the irrigation system, and the West Pump only supplies domestic water to the home and garage. The two systems are not interconnected. They are completely separate systems.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
West Pump	4		NE	SW	2	56N	1E	B.M.	Bonner
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel DataChange 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	
56N	1E	2									0.6								0.6
		Lot #									4								
Total Acres =																			0.6

Method of Determination: GIS and Tax Parcel Data

Please Note: This system is not connected into a domestic type of use, and no domestic use has been developed.
Please see the email supplied by permit on November 9, 2021.

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 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 was no information submitted with the application for permit or in 96-9889 that tells what the size of the lake pumps are for these two permits. Therefore, I am required to fall back on the standard for irrigation use set forth by Administrative Processing Memo #17.

Administrative Memo #17 = 0.6 acres X 0.03 cfs/acres = 0.018 cfs rounded to 0.02 cfs for irrigation use
Permit allowed = 0.04 cfs for Domestic and 0.03 cfs for irrigation for a total of 0.07 cfs.

I am recommending 0.02 cfs since the irrigation limitation is based on Administrative Memorandum #17.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.6 \text{ acres} \times 3.0 \text{ acre-feet} = 1.8 \text{ acre-feet}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \times 214 \text{ Days} \times 1.9835 = 8.5 \text{ acre-feet}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.8 \text{ acre-feet}$$

2. Volume Calculations for Other Uses:

G. PURPOSE OF USE

Irrigation ☒ Y ☐ N # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ☐ Y ☐ N

Method of Determination: Taxlot data and conversations with owner.

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

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. This permit appears to have been filed as a single point of diversion supplying a home and 0.8 acres of yard irrigation. A second permit (96-9889) was filed for a separate system from the same water source for single family home. When reviewing the water permit files, it was unclear whether the same home was being served or if a second home was on the parcel. There are two large buildings on the parcel, so additional information was needed. I contacted the permit holder by email and found that one of the buildings is a garage. The permit holder also stated that the West Pump is only connected to the irrigation system. The permit holder also stated that the East Pump was used to service the home and the garage. The permit holder also confirmed that the two systems were not interconnected, and that the irrigation system has been winterized for the season. Therefore, the domestic use associated with this permit needs to be dropped, and only the irrigation use can be considered in this permit.

The permit holder requested 0.8 acres of irrigation, but the parcel is only 0.9 acres in size with a large home and garage on the property. The land actually irrigated is approximately 0.6 acres. There is an area in the northwest corner of the property that looks like it wasn't irrigated in the 2019. This is because the construction of a neighbor's home appears to have bled onto the permit holder's property. This area was clearly irrigated in previous years. There could also be a slight discrepancy in the registration of the tax parcels to the aerial imagery.

The permit holder stated in the proof of beneficial use form that they had installed fish screens on both systems, so the fish screen conditions have been satisfied.

Conditions 004, X15, X16, and X60 should be carried forward to licensing. Since the domestic use is not connected to this system, there is no need for the domestic type conditions. Condition R66 should be changed to condition X31 with 0.02 cfs diversion rate and 1.8 acre-feet diversion limitations.

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>
Irrigation	04/01 to 10/31	0.02 CFS	1.8 AFA
<u>Totals:</u>		0.02 CFS	1.8 AFA

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: < >

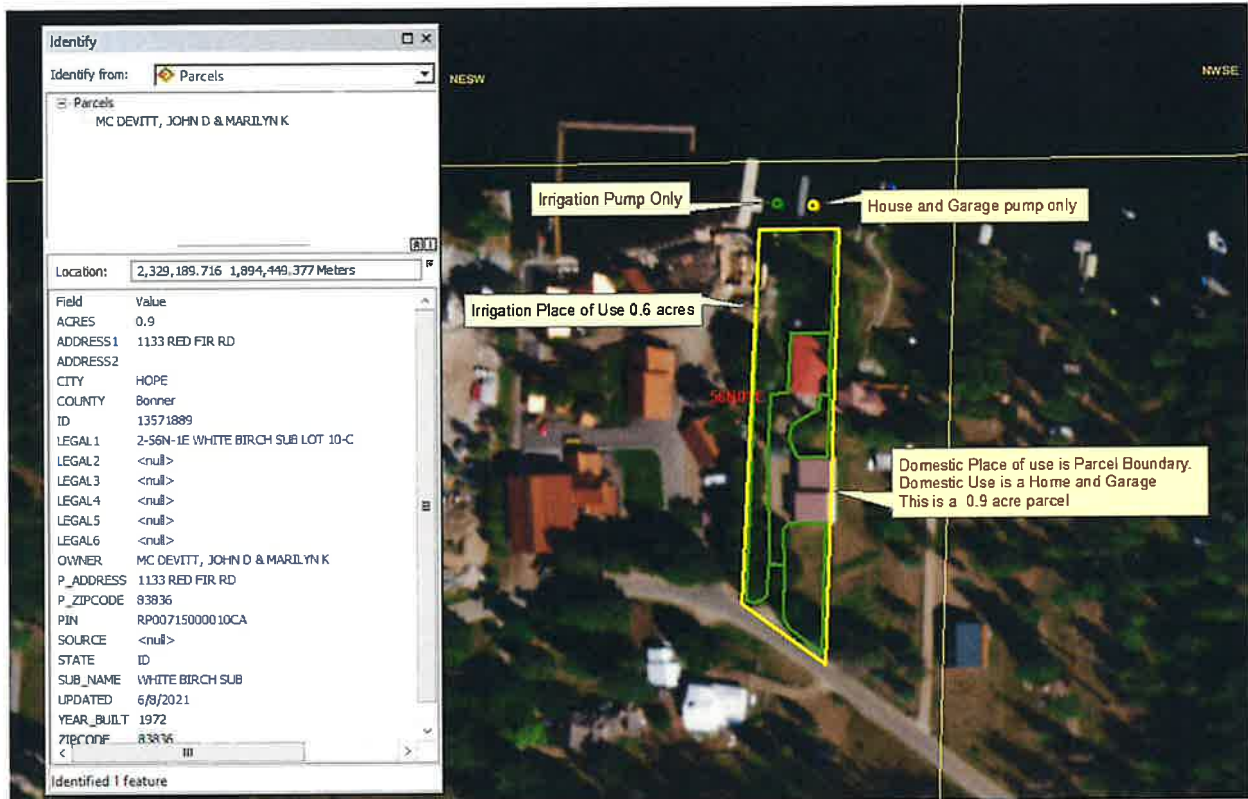
J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 10-10-21

Reviewer  Date 11/12/21

Field Exam Map:

The yellow border shows the domestic place of use, and the yellow point shows the domestic point of diversion. The green borders show the irrigation place of use, and the green point shows the irrigation point of diversion. The tax parcels for this property is similar to the domestic place of use.



Bonner County Tax Maps



Nelson, Dan

From: Nelson, Dan
Sent: Tuesday, November 09, 2021 9:54 AM
To: Trevor Ashenbrener
Subject: RE: Permits 96-9887 and 96-9889

Trevor,

Thank you so much for the clarification, and the quick response.

I will move forward with my review. If I have any further questions, I will check with you to ensure we get these permit done correctly.

Dan Nelson

From: Trevor Ashenbrener <trevor@srmdevelopment.com>
Sent: Tuesday, November 09, 2021 9:34 AM
To: Nelson, Dan <Dan.Nelson@idwr.idaho.gov>
Subject: RE: Permits 96-9887 and 96-9889

Hi Dan,

One pump provides water to the home and the other provides water for irrigation. The western line is for irrigation only and routes around the property to hose connections at various locations. The previous owner irrigated once/week. The pump east of the dock provides water to the home and garage. The home has hose bibs on the exterior and irrigation is done with hoses/sprinklers so I assume this was what they meant when they said home/irrigation. Very little irrigation is done through the hose bibs on the home. It does appear they got mixed up on the east/west pumps but I am 100% sure the west pump is for irrigation (I just drained it and winterized it) and the home pump is on the east (stays active all year even though we are not there in the winter). I shut off the breaker to the pump when we are not there.

The previous owner's applied for these applications as part of the sale to my wife and I. When the permits could not be approved before closing they transferred the applications to our name. I hope this answers your questions. Let me know if you need anything else.

Trevor Ashenbrener
SRM Development
Principal - Construction
P 509 944 4368 | C 509 481 1890

From: Nelson, Dan <Dan.Nelson@idwr.idaho.gov>
Sent: Tuesday, November 9, 2021 8:21 AM
To: Trevor Ashenbrener <trevor@srmdevelopment.com>
Subject: Permits 96-9887 and 96-9889

Dear Mr. and Ms. Ashenbrener,

I have been asked to review your water right file for these two permits for license purposes. On smaller permits such as yours, we can generally verify the use by using aerial photography and various state and county records

without setting a time with you to do an onsite verification. We refer to these reviews of smaller permits as in-house exams or desk top reviews. Performing these in-house exams avoids the time and costs to the Idaho Department of Water Resources (Department) and yourself from having to meet at the site to verify the water use. If you would prefer to have someone from our Northern Region office set up a time with you to come to the property and verify these issues, I can have someone from that office make an appointment with you to visit the property. Due to a backlog of water rights needing onsite verifications, it may be some time before Department staff will be able to set up appointments in your area.

I have verified most of your water use with the records that are available to our office. However, there is one issue that needs to be addressed. The two permits state that there are two separate water systems. One is diverted from the west side of the dock and supplies a home and irrigation, and the other system is diverted from the east side of the dock and supplies a second home. The question that was clarified during the permitting process was which home is served by which pump system. If you could clarify this information, I feel we can move forward with the processing of this permit and not have a need to visit the property. Is the home closest to the Lake served by the pump on the east side of the dock or the pump on the west side of the dock.

Once I receive the above information, I can move forward with making a recommendation for the licensing of your water right. All that is needed is a response to this email informing me of the answers to the above question.

If I have any further questions, I will contact you. At this time, this seems to be the only issue I can't determine from the permit file.

If you have any questions, please don't hesitate to contact me. I would be more than happy to discuss the above requests.

Respectfully,

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