

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

A. GENERAL INFORMATIONPermit No: 95-17774Exam Date: 3/29/2022

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: Ronald D. and Karrie W. Thomas
- Owner of Record Correct? X Y N
- Address of Record Correct? Y N
- If No: Address

The Department's parcel data shows Ron Thomas as the owner of the property. The Kootenai County maps show the property is currently owned by Ron Thomas. 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: N040384

4. **SOURCE** **TRIBUTARY**
- Coeur D' Alene Lake Spokane River
- Method of Determination: GIS and Tax Parcel Data
- Change 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

Comments: There are 12 water rights within this 40 acre tract that appear to overlap this place of use, but the latest domestic use has a priority date of 1973. This home wasn't built until 2019, so there is no way that these rights could be for this property.

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

Water Right No.	Source	Purpose of Use	Basis
35-14661	Ground water	Domestic	Permit- Pending licensing

Comments: There are 12 water rights within this 40 acre tract that appear to overlap this place of use, but the latest domestic use has a priority date of 1973. This home wasn't built until 2019, so there is no way that these rights could be for this property.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Coeur D' Alene Lake Pump			NW	NW	30	48N	4W	B.M.	Kootenai
								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: Domestic and stockwater

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	4W	19											D						
		Lot #											5						
48N	4W	30						D											
		Lot #						1											
48N	4W	30						D											
		Lot #																	
Total Acres =																			

Method of Determination: GIS and Tax Parcel DataChange 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 to determine the flow rate for the lake pump. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22.

Administrative Memo #22 = 0.04 cfs for domestic use.

Permit allowed = 0.04 cfs for domestic use

I am recommending 0.04 cfs for domestic use based on the limits imposed by the permit and Administrative Processing Memorandum #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:

Administrative Processing Memorandum #22 provides guidance to allow 1.2 acre-feet for in-house use and yard irrigation. **I am recommending that this permit be limited to 1.2 acre-feet for domestic use.**

G. PURPOSE OF USE

Irrigation ___Y___N # Stock _____ Domestic # of Homes ___1___

Other: < >

Change in Purpose of Use? ___Y___N

Method of Determination: Tax parcel 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 is for domestic use for in-house use and yard irrigation from Coeur D' Alene Lake. This home was built in 2019, and you can clearly see this in the historic aerial imagery.

There is a portion of the tax parcel that flows outside of Government Lot 1 in the NWNW of Section 25 in Township 48 North, Range 4 West. Therefore, I included that designation in the legal description. An amendment isn't required because the NWNW and Government Lot 1 was included in the advertising and the application for permit.

The permit holder stated on the Statement of Completion for Submitting Proof of Beneficial Use statement that they had installed a fish screen on this system, so that condition has been complied with.

Conditions X01, 187, X15, and 004 should be carried forward to licensing. No further conditions are required for the licensing of this permit.

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>
Domestic	01/01 to 12/31	0.04 CFS	1.2 AFA
<u>Totals:</u>		0.02 CFS	1.2 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 7-8-22

Reviewer  Date 7/11/22

Field Exam Map:

The yellow border shows the place of use for the domestic use, the yellow point shows the point of diversion. The parcel boundaries are shown in green and in the Kootenai County parcel maps below.



Kootenai County Maps

