

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

A. GENERAL INFORMATIONPermit No: 95-17671Exam Date: 2/2/2019

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: Thomas C. and Janis R. Adams
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
 If No: Address

Tax lot data shows Janis R. Adams as the owner of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C106232

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

Coeur D Alene Lake

Spokane 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
95-13930	Coeur D Alene Lake	Domestic	Claim – Recommended Disallowed

Comments: Adjudication claim 95-13930 was filed for the same use as this permit and subsequently disallowed due to the priority date claimed was after the mandatory permit filing date for surface water of 1971. Therefore, the permit holders filed this permit to cover the use. Until the claim is formally disposed of, we will need to use condition 928 to insure that this use is not doubly covered. There 2 water rights, 9 claims, and 7 recommendations in this same location as this permit, but they are for properties not owned by the permit holder. The only direct overlapping water right is 95-13930.

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

Water Right No.	Source	Purpose of Use	Basis
95-13930	Coeur D Alene Lake	Domestic	Claim – Recommended Disallowed

Comments: Adjudication claim 95-13930 was filed for the same use as this permit and subsequently disallowed due to the priority date claimed was after the mandatory permit filing date for surface water of 1971. Therefore, the permit holders filed this permit to cover the use. Until the claim is formally disposed of, we will need to use condition 928 to insure that this use is not doubly covered. There 2 water rights, 9 claims, and 7 recommendations in this same location as this permit, but they are for properties not owned by the permit holder. The only direct overlapping water right is 95-13930.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Lake Diversion			NE	SW	20	48N	4W	B.M.	Kootenai County
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Lot data.Change in POD? X N Amendment Required? X N **2. PLACE OF USE:** Use: ~~irrigation~~ **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	4W	20								D	D								
		Lot #								3	3								
Total Acres =																			

Method of Determination: GIS and Tax Lot 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
River Pump	Unknown	2			

*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

Attached

YES Additional Computation Sheets

Measured Method:

There was very little information in the file describing the pumping system for this permit. Therefore, I used the standard described in Processing Administrative Memorandum # 22.

Administrative Memorandum # 22 = 0.04 cfs**Permit allowed = 0.04 cfs**

I am recommending a diversion rate of 0.04 cfs, since maximum complies with the permit and Administrative 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:

I am recommending a diversion volume of 1.2 af, authorized by Administrative Memorandum # 22 for in house use and up to ½ acre of irrigation.

G. PURPOSE OF USEIrrigation Y N # Stock Domestic # of Homes 1 Other: < > Change in Purpose of Use? Y N Method of Determination: Parcel data and water right file.If Yes: From Use To Use Amount CFS AFA **H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-house field examination. The domestic use can clearly be seen in aerial photos. An adjudication claim was filed for this use claiming a 1989 priority date, which suggests that water use from the lake has been done for quite some time. The Department's tax parcel data confirms the home was built in 1989.

I did move the point of diversion to the bank of the lake, since the water isn't actually diverted from the lake until it physically leaves the lake. An amendment will not be required for this correction.

The permit required a fish screen, and the permit holder stated on the proof of beneficial use form that they had installed the fish screen.

Conditions X15, X01, 187, and 004 will be carried forward to licensing. All of the other conditions on the permit will be removed as is standard. No additional conditions are needed other than the 928 conditions discussed in the overlap analysis.

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 AF
<u>Totals:</u>		0.04 CFS	1.2 AF

~~Please Note: This is a surface water right, so no volume will be included on the water right license.~~

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 – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 5-21-19

Reviewer  Date 2/24/19

Permit 95-17671 – Field exam Map

This is a 2013 aerial image of the property that clearly shows the home. The point of diversion was moved to the lake shore, where water is actually diverted from that lake.

