

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

A. GENERAL INFORMATIONPermit No: 95-17674

Exam Date: 11/18/19

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.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 < >

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

Tax lot data shows Alan Quist as the owner of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: N035743

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
95-13395	Coeur D Alene Lake	Domestic	Claim

Comments: Adjudication Claim 95-13395 was claimed in the North Idaho Adjudication, but the home was built in 1996, and a permit was required for any new water use from the lake at that time. Therefore, this permit has been recommended to be disallowed with a comment in the proof report as "No Lawful Appropriation Found." This permit was filed to cover the water use for this property. There are a number of other rights at this location, but none of these are for the property described in this permit.

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

Water Right No.	Source	Purpose of Use	Basis
95-13395	Coeur D Alene Lake	Domestic	Claim

Comments: Adjudication Claim 95-13395 was claimed in the North Idaho Adjudication, but the home was built in 1996, and a permit was required for any new water use from the lake at that time. Therefore, this permit has been recommended to be disallowed with a comment in the proof report as "No Lawful Appropriation Found." This permit was filed to cover the water use for this property. There are a number of other rights at this location, but none of these are for the property described in this permit.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Lake Diversion			SW	NE	28	48N	4W	B.M.	KOOTENAI
								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

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	28			D														
48N	4W	28			D														
		Lot #			2														
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
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 CALCULATIONSYES Additional Computation Sheets

Attached

Measured Method:

There was no information in the application for permit file, so I depended on the limits set forth with Administrative Processing Memorandum #22.

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

The permit and Administrative Memo diversion rates match, so I am recommending a diversion rate of 0.04 cfs.

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 was no information in the application for permit file, so I depended on the limits set forth with Administrative Processing Memorandum #22. Administrative Processing Memorandum #22 suggests an annual volume of 1.2 af with domestic use with up to ½ acre of irrigation. Therefore, I am recommending a diversion volume of 1.2 af.

G. PURPOSE OF USEIrrigation Y N # Stock Domestic # of Homes 1

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**

Adjudication claim 95-13395 was filed in the North Idaho Adjudication for domestic purposes. The home was built in 1996, which puts the water use beyond the 1970 mandatory requirement to file a water right permit for surface water uses. Therefore, the claim was recommended to be disallowed and this permit was filed. The partial decree on water right 95-13395 has not been issued yet, so we will need to use condition 928 to ensure that if the claim is revitalized that it won't result in an enlargement of the domestic use actually developed on this property.

The tax parcel straddles the Government Lot line, so the permit was issued with the place of use describing the place of use as actually being in Government Lot 2 (SWNE) and the SWNE. This is correct and will be carried forward to licensing. The point of diversion is also correctly described as being in the SWNE and not in Government Lot 2 (SWNE).

The shape file for the point of diversion was shown at the approximate location of the pump, and not the location where the water leaves the lake. Therefore, I moved it to the shore of the lake to show the actual location where the water will be diverted from the lake.

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. Condition 1 (X15) will be modified to state that the fish screen shall be maintained. All other conditions will be removed at licensing.

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	1.2 AF
	<u>Totals:</u>	0.04 CFS	1.2 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 – WATER RIGHT ANALYST 3

Field Examiner's Name



Date

11-18-19

Reviewer



Date

11/21/19

Field Exam Map:

The place of use is designated below by the yellow border, and the point of diversion is designated by the yellow dot. Please note: I moved the point of diversion to the shore of the lake where the water is actually being diverted. The text box shows the parcel is owned by Alan Quist and the home was built in 1996.

