

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

**A. GENERAL INFORMATION**Permit No: 95-17680Exam Date: 3/19/2020

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: Comerford Five LLC  
Owner of Record Correct?    X    Y    N  
Address of Record Correct?    Y    N  
If No: Address

The Department's tax parcel data shows the property is in the ownership of the Comerford Five LLC. I don't foresee any issues with the ownership of the property.

3. Beneficial Use Fees have been paid:    X    Y    N Receipt No: C108439

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: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
95-13422	Ground Water	Domestic	Recommendation

Comments: Water right 95-13422 is a domestic water right from a well. Water right 95-17737 shares the same well, but is for a different property. The only other water right not clearly defined as being on other properties is statutory claim 95-4421. Water right 95-4421 claims to supply 3 domestic uses from a home with a priority date of 1946. Per the Department's tax parcel records, the home associated with this permit was constructed in 1965, so it cannot be associated with statutory claim 95-4421.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are no other rights that are diverted from the lake pump 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			NW	SW	20	48N	4W	B.M.	KOOTENAI
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Lot data.

**PLEASE NOTE:** The point of diversion is actually south of the PLS Government Lot line. The point of diversion is correctly described, since the tax parcel information shows a portion of the tax parcel going below the PLS Government Lot Line.

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	20							0.1			0.4							0.5
		Lot #							2			2							
48N	4W	20										0.1							0.1
Total Acres =																			0.6

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

**Please Note:** From the photos submitted with the proof of beneficial use form, this looks to be a small electric 1Hp to 2 Hp that can provide enough water for a couple of lawn sprinklers. Probably not much more than 6 to 12 gpm.

**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**

YES Additional Computation Sheets

Attached

Measured Method:

There is not enough information in the file to limit the diversion rate to a specific diversion rate. Therefore, I am required to fall back on the standard for irrigation for less than 5 acres use set forth by Administrative Processing Memo #17.

**Administrative Memo #17 = 0.6 acres X 0.03 cfs/acre = 0.018 cfs rounded to 0.02 cfs**  
**Permit allowed = 0.02 cfs**

**I am recommending 0.02 cfs since the permit limitation was based on Administrative Memorandum #17.**

**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 3.0 \text{ af/ac} \times 0.6 \text{ acres} = 1.8 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \text{ cfs} \times 246 \text{ days} \times 1.9835 = 9.8 \text{ af}$$

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

2. Volume Calculations for Other Uses:

N/A

**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. The overlapping domestic recommendation 95-13422 from ground water authorizes in-house use and up to 1/2 acre of yard irrigation not to exceed 13,000 gpd. However, condition X31 should address any issues with overlapping water right.

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 004, X15, 227, and X60 will be carried forward to licensing. Condition R66 will be replaced with condition X31 limiting the diversion rate to 0.02 cfs and volume to 1.8 af.

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	03/15 to 11/15	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 ☒ 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 3-19-20

Reviewer  Date 4/2/2020

Field Exam Map:

The yellow border shows the parcel for this permit and the yellow dot shows the point of diversion. The Tax Parcel information shows the home was constructed in 1937.





The image below is of the Google Earth aerial imagery for 2018, which is the most current imagery that has a clear enough image to determine acres irrigated.

