

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

A. GENERAL INFORMATIONPermit No: 95-17762

Exam Date: 9/28/21

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: Chee Chee Phillips
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No: Address

The Department's parcel data shows the owner of the property is Chee Phillips. I don't see any issues with the ownership of this property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C110597

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
95-15289	Ground Water	Domestic	Decree
95-4701	Coeur D Alene Lake	Domestic	Statutory Claim.

Comments: Water right 95-15289 is a decreed domestic right that supplies the in-house use. According to the application for permit, 95-15289 only supplies the inhouse water and this domestic permit supplies the irrigation use. Water right 95-4701 is a statutory claim that has a large place of use that overlap the place of use for this permit. 95-4701 was not claimed in the North Idaho Adjudication, so it should not be considered a valid water right. There are a number of valid water right in this legal description, but they are clearly for other parcels.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: There are various points of diversion in this area, and even the well point of diversion for water right 95-15289 on the same parcel. However, there are no water rights that use the same point of diversion as this permit.

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

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Lake Diversion			NW	SE	11	48N	4W	B.M.	KOOTENAI
								B.M.	
								B.M.	

Method of Determination: GIS and Tax Parcel Data.Change in POD? X N Amendment Required? X N**2. PLACE OF USE:** Use: 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	11														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	3/4			

*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:

The application for permit states that the pump used is a ¾ Hp pump. The lift according to the contour lines is less than 35 feet and the standard pressure should be around 40 psi. This information should give us an estimate of the approximate capacity of the system compared to the standard for domestic use set forth by Administrative Processing Memo #22.

Theoretical = $[8.8 \times 0.70 \times 0.75] / [35 + (40 \times 2.31)] = 0.036$ cfs rounded to 0.04 cfs.

Administrative Memo #22 = 0.04 cfs for domestic use

Permit allowed = 0.04 cfs

It appears as though the permit and the theoretical system capacity suggest that a diversion rate of 0.04 cfs is reasonable.

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 af for in-house use and yard irrigation. A condition should be added to ensure that this permit and water right 95-15289 are considered separate uses.

G. PURPOSE OF USE

Irrigation ☐ 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

This permit qualifies for an in-house examination. The biggest issue with this permit is the overlapping water right 95-15289 for the same domestic use from ground water. In order to avoid an enlargement, we should have a condition that limits these two rights to a single domestic use.

The permit has a condition that requires a fish screen be installed. The permit holder confirmed in the proof of beneficial use form that the fish screen had been installed.

The only other real issue was the late filing of the proof of beneficial use. The permit was reinstated and the priority date was advanced to March 11, 2019.

Conditions X01, X15, 187, and 004 should be carried forward to licensing. The remaining conditions should not be included on the license. An X35 condition should be included on the license that states the following:

Rights 95-15289 and 95-17762 when combined shall be used for a single domestic use.

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>	0.04 CFS	1.2 AFA

2. Recommended Amendments

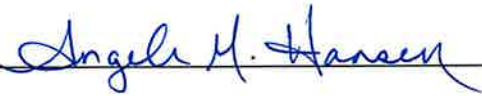
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ 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 9-29-21

Reviewer  Date 10/4/2021

Field Exam Map:

The yellow border shows the place of use for this permit and water right 95-15289. The yellow dot shows the point of diversion from Coeur D Alene Lake for this permit 95-17762. The green dot shows the well and point of diversion for overlapping water right 95-15289.

