

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

A. GENERAL INFORMATION**Permit No:** 95-18446**Exam Date:** 5/22/241. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? ☒Y ☐N

- a. ☒ Irrigation of 5 acres or less
- b. ☐N/A Storage of up to 14.6 AF for stockwater purposes only
- c. ☐N/A Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
- d. ☐N/A Other < >

2. Current Owner: **KANAN & SAMANTHA SILVAS 6620 W HARBOR DR., COEUR D'ALENE, ID 83814-9661**Owner of Record Correct? ☒Y ☐NAddress of Record Correct? ☒Y ☐N

If No Explain:

3. Beneficial Use Fees have been paid: ☒Y ☐N Receipt No: **N044530**4. Source: **SPOKANE RIVER**Tributary: **COLUMBIA RIVER**

Method of Determination: GIS and Tax Parcel Data.

Change in Source: ☐Y ☒N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
95-4063	GROUNDWATER	DOMESTIC	Statutory Claim
95-4242	SPOKANE RIVER	DOMESTIC & IRRIGATION	Decreed as 95-16747& 95-16748
95-4271	GROUNDWATER	DOMESTIC	Statutory Claim
95-4286	GROUNDWATER	DOMESTIC	Statutory Claim
95-4287	SPOKANE RIVER	DOMESTIC	Statutory Claim
95-7171	SPOKANE RIVER	DOMESTIC	Decreed as 95-12544
95-7487	SPOKANE RIVER	IRRIGATION / DOMESTIC	Decreed as 95-14674
95-13732	GROUNDWATER	DOMESTIC	Decreed

Comments: When reviewing ArcMap to check for overlapping place of use, It was discovered that there are several Statutory Claims that were filed but they did not file claims in the CSRBA. These are not active and therefore, I have no overlap concerns with 95-4063, 95-4271, 95-4286, & 95-4287. The Water Rights 95-16747, 95-16748, 95-12544 & 95-14674 do not have the same place of use (POU) when reviewing the new water right numbers POU's. Water Right 95-13732 is for Domestic Use from Groundwater and is on half of the parcel owned by the Silvas. The parcel number is the same and I do not show any wells on the property. I have confirmed with Al Beardsley, Samantha's father, that the Silvas use water from the river for their home and not a well. Since they are two different sources, I have no overlap concerns with this water right.

2. Other water rights with the same point of diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
95-9076	SPOKANE RIVER	DOMESTIC	DECREEED

Comments: This water right shares a point of diversion with water right #95-9076 which is also for Domestic Use. They have a verbal agreement and are working towards a more formal agreement, as stated on the original application.

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
SPOKANE RIVER	6		SE	NE	7	50N	04W	B.M.	KOOTENAI

Method of Determination: GIS and Tax Parcel Data.

Change in POD? ___Y ___X___N Amendment Required? ___Y ___X___N

2. Place of Use:

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	04W	7				X													
50N	04W	8							X										
		Lot #				L6			L8										

Method of Determination: GIS and Tax Parcel Data.

Change in POU? ___Y ___X___N Amendment Required? ___Y ___X___N

3. Diversion System Information:

Description:

___X___ Delivery System Diagram Attached. (mark all major components and distances between components)

___X___ Aerial Photo Attached (required)

___X___ Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
PUMP IN RIVER	GOULDS	¾ HP	N/A	GOULDS	7GS07412CL

D. FLOW MEASUREMENTS

Flow measurement not required as per IDAPA RULE 37.03.02.035.01.r.iii.

E. FLOW CALCULATIONS

The diversion rate for this domestic right is limited to **0.04 cfs**. Mr. Beardsley provided photos of the Silvas' system, which has a Goulds ¾ HP submersible pump with a screened intake in the river. The applicant provided a picture of the line coming out of the lake but it does not indicate the exact lift to the pump house but the TOPO map makes reasonable assumption of less than 100 feet. The pump house shows a pressure tank with 38 psi written on it which may or may not be the actual operating pressure. We use 45 PSI when the pressure is not known. The Goulds pump produces 10 gpm, which is 0.03 cfs considering department rounding standards. This pump is meant for a well and the pump is actually pulling from the river so there may be some discrepancy in the calculations. **I'm recommending a diversion rate of 0.04 cfs which includes 1 home and up to ½ acre of irrigation, according to department standards.**

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

2. Volume Calculations for Other Uses: N/A

G. PURPOSE OF USEIrrigation ☐ Y ☒ N # Stock ☐ N/A Domestic # of Homes ☐ 1

Other: < >

Change in Purpose of Use? ☐ Y ☒ N

Method of Determination: Water Right Documents, Tax lot & ArcMap Information\

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. There are no overlapping water right concerns toward licensing this permit. Review of aerial imagery from Kootenai County GIS maps, Google Earth, and ArcMap software clearly illustrates the domestic use. This water right includes irrigation up to ½ acre.

The phone conversation with Al Beardsley affirmed that a fish screen is installed, satisfying screening requirements. He stated the applicants use the well pump in the river for their water. There is a well on the property but they do not use it. I am recommending the department standard for domestic use of 0.04 cfs, 1.2 afa. I removed conditions 029 from the permit during licensing review and all other conditions shall be carried to license approval.

Have conditions of permit approval been met? ☒ Yes ☐ NoHave conditions of permit approval been met? ☒ Yes ☐ No**I. RECOMMENDATIONS**

1. Recommended Amounts:

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</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

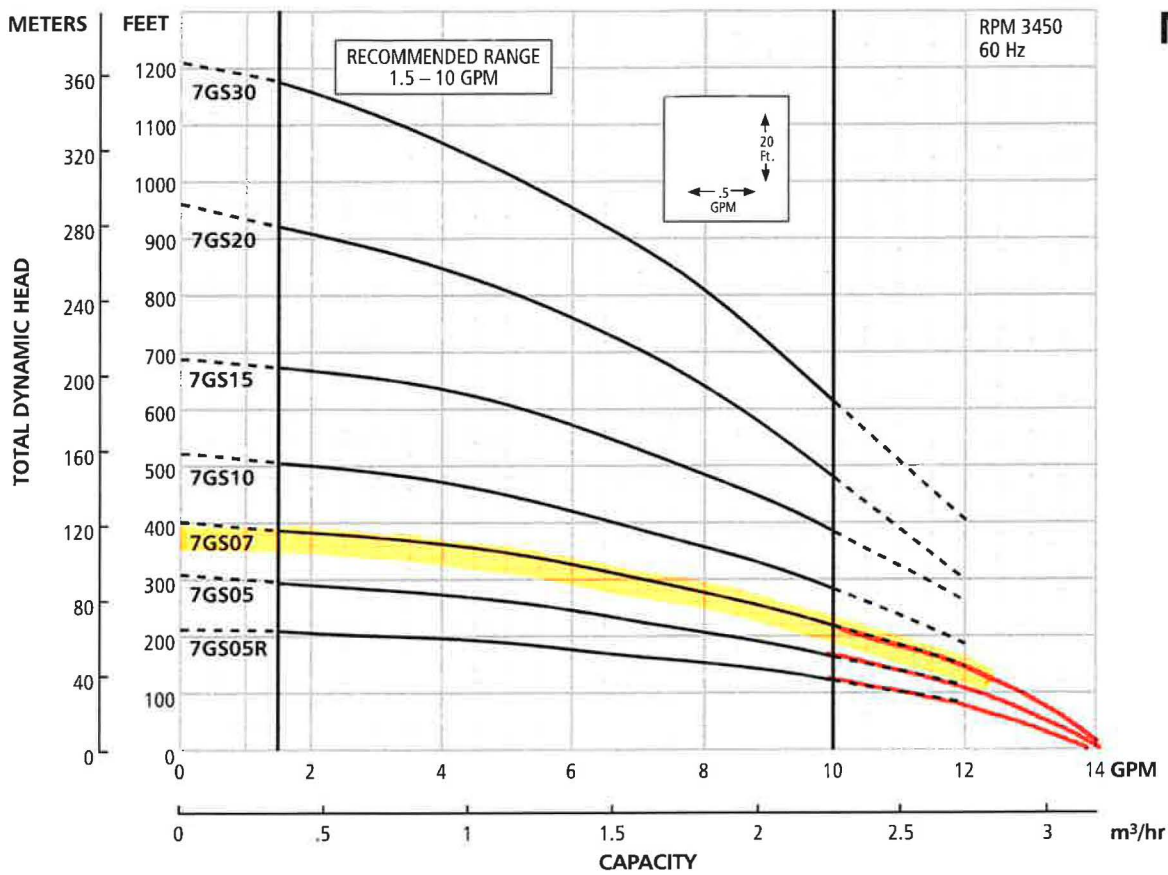
2. Recommended Amendments:

☐ 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. AUTHENTICATIONField Examiner's Tommy Alb Date 5/31/24Reviewer Chen Bell Date 6/7/2024

Model 7GS



Model 10GS

