

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

A. GENERAL INFORMATIONPermit No: 96-9487

Exam Date: 12/12/2016

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: Kevin W. and Bonnie Hague
Owner of Record Correct? X Y N
Address of Record Correct? Y N
If No: Address

Tax lot data shows Kevin W. and Bonnie G. Hague and Darran J. and Lori H. Moody as the owners of the property.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C0
4. **SOURCE** TRIBUTARY
Cocolalla Lake Cocolalla Creek
Method of Determination: GIS, and Tax Parcel Data
Change 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
NONE			

Comments: Water rights 96-4137 and 96-4138 are two statutory claims for a Mr. Mann claiming an established use from ground water and Cocolalla Lake in 1955 in the same 40 acre tract. I was not able to determine exactly which lot these claims were associated with, but I can confirm that no domestic or irrigation use was on the property associated with this permit in 1998 per aerial photography. Therefore, I do not believe these rights are associated with the place of use or point of diversion associated with this permit. There were two other water rights in the same 40 acre tract, but they were identified on properties north of the property associated with this permit.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: Water rights 96-4137 and 96-4138 are two statutory claims for a Mr. Mann claiming an established use from ground water and Cocolalla Lake in 1955 in the same 40 acre tract. I was not able to determine exactly which lot these claims were associated with, but I can confirm that no domestic or irrigation use was on the property associated with this permit in 1998 per aerial photography. Therefore, I do not believe these rights are associated with the place of use or point of diversion associated with this permit. There were two other water rights in the same 40 acre tract, but they were identified on properties north of the property associated with 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 PUMP	3		NE	SW	18	55N	2W	B.M.	BONNER
								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	
55N	2W	18									1	0.5							1.5
		Lot #									3	3							
Total Acres =																			1.5

Method of Determination: GIS and Tax Lot Data The entire tax parcel is in Government Lot 3. The tax parcel straddles the 40 acre tract line, so a portion of the irrigation use in the NESW and the other portion in the NWSW, which are both in Government Lot 3.

Change 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	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 CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

There is no information to show what size of well pump is being used. Therefore, I am following the standards set forth in Processing Administrative Memorandum #17, which states that an irrigation use of under 5 acres should be limited to 0.03 cfs per acre.

Administrative Memo #17 = 1.5 acres X 0.03 cfs = 0.045 cfs → Rounded to 0.05 cfs

Permit allowed = 0.05 cfs

I am recommending a diversion rate of 0.05 cfs as recommended in Processing Administrative Memo #17 and the permit.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.5 \times 3.0 = 4.5 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.05 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 21.2 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 4.5 \text{ af}$$

2. Volume Calculations for Other Uses:

G. PURPOSE OF USE

Irrigation 1.5 ac Y ____ N ____ # Stock _____ Domestic # of Homes _____

Other: < >

Change in Purpose of Use? ____ Y ____ N

Method of Determination: Tax data, GIS, and Well Driller's Report.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

This permit is qualified for an in-house exam. Water is diverted from the lake to irrigate approximately 1.5 acres. Aerial photos do not show consistent irrigation from this system, but the 2011 map and the Google Earth 2014 map show what appears to be a fully irrigate yard from the home down to the lake front. I could find approximately 1.5 acres that appears to be irrigated from those two aerial photos.

The permit stated that the place of use for this permit was only in Government Lot 3 (NESW). However, ArcMap shows the parcel in Government Lot 3 (NESW and NWSW). Since Government Lot 3 includes both 40 acre tracts, I was able to correct the legal description in the license without requiring an amendment. The corrections to the legal description will be made on the license.

Conditions 1 (004), 3 (R66) and 4 (X15) will be carried forward to licensing. Condition 2 (26A) will be removed at licensing as is standard. Condition 5 (WB9) will also be removed at licensing. The water right 96-9395 described in condition 5 was rejected by concurrent resolution of the Legislature on March 23, 2012, so it no longer has any affect on this permit.

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>
Irrigation	04/01 to 10/31	0.05 CFS	4.5 AF
<u>Totals:</u>		0.05 CFS	4.5 AF

2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above ___ None

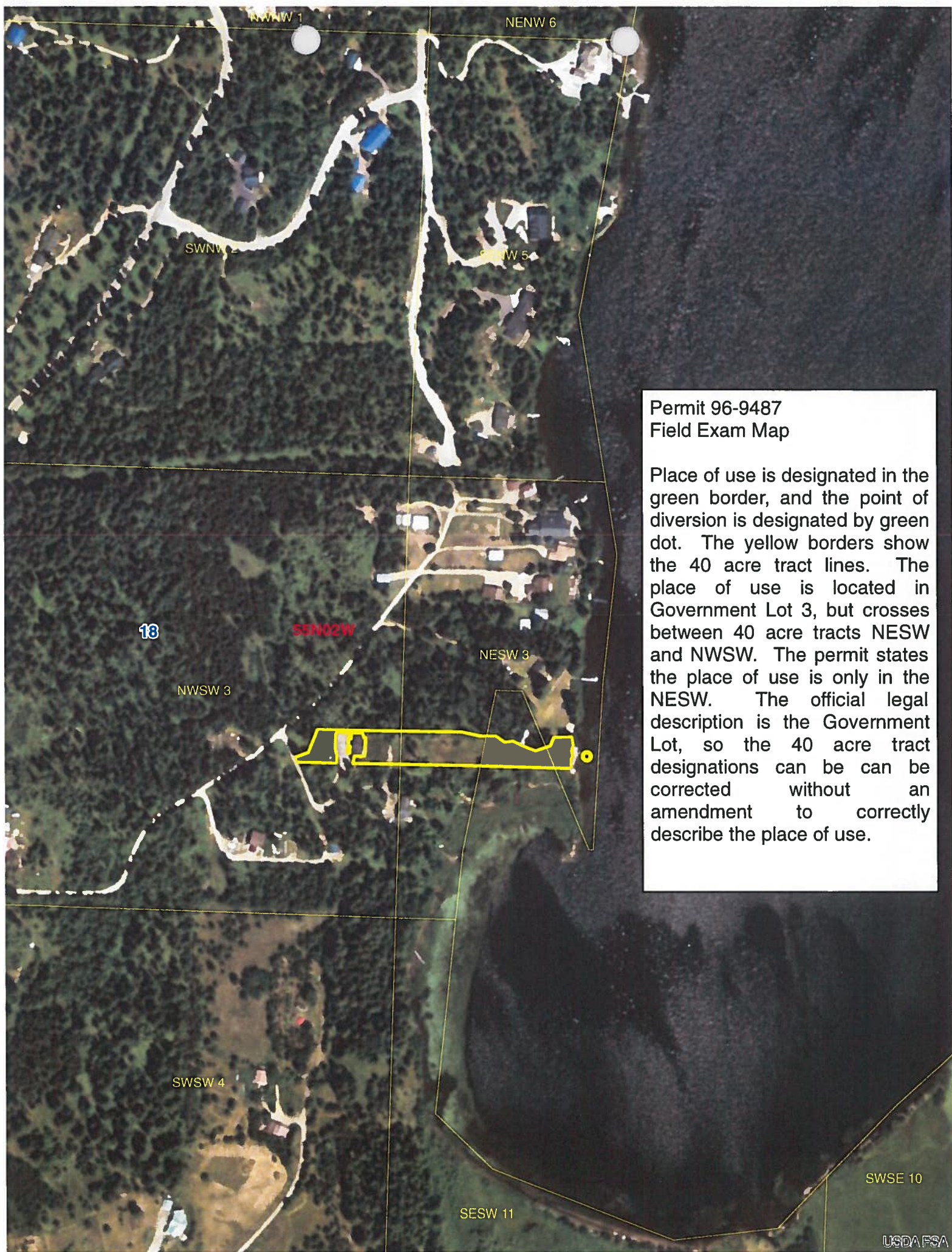
___ Change P.U. as reflected above ___ Add P.U. as reflected above ___ None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – Analyst 3

Field Examiner's Name  Date 12-12-16

Reviewer _____ Date _____



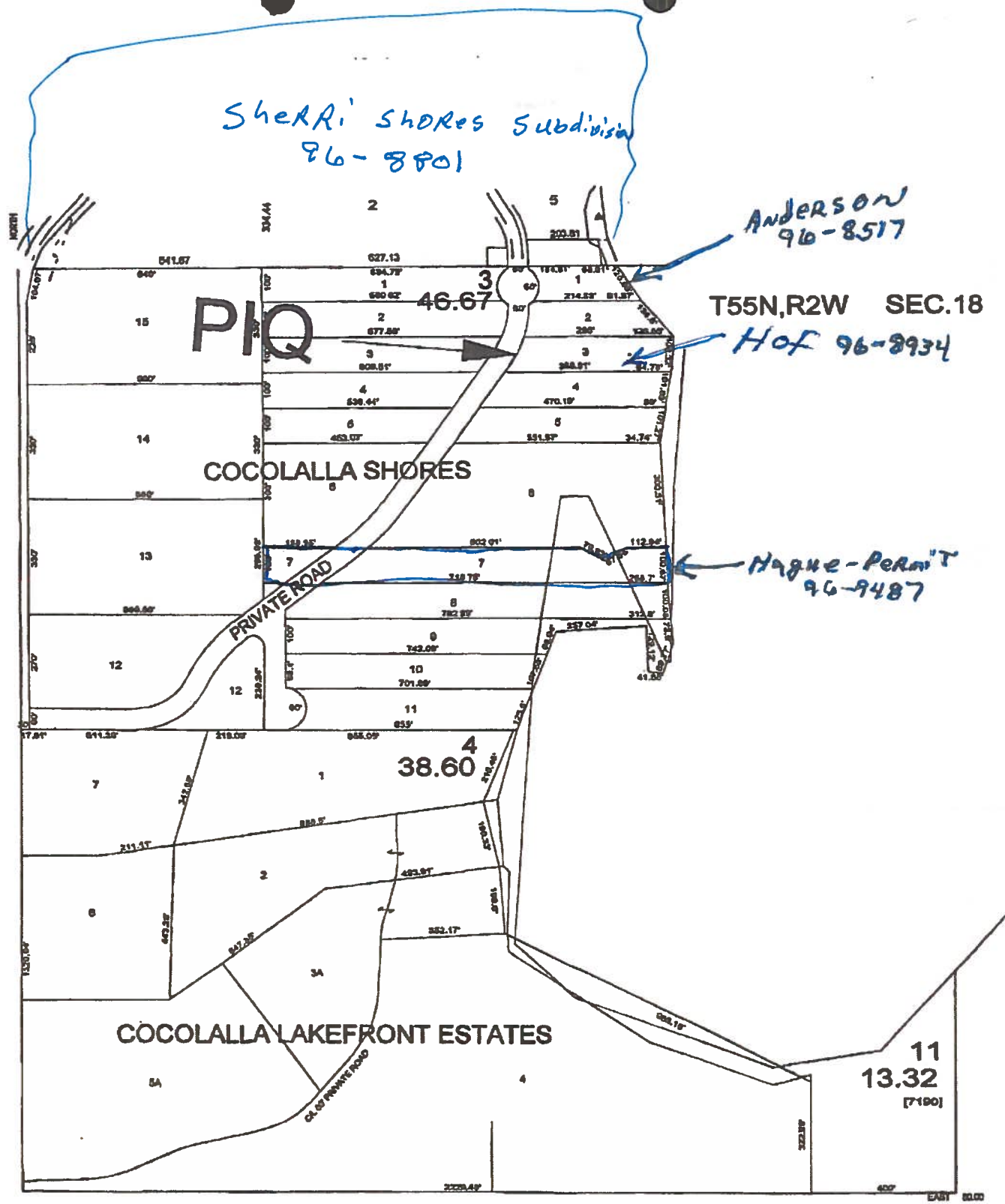
Permit 96-9487
Field Exam Map

Place of use is designated in the green border, and the point of diversion is designated by green dot. The yellow borders show the 40 acre tract lines. The place of use is located in Government Lot 3, but crosses between 40 acre tracts NESW and NWSW. The permit states the place of use is only in the NESW. The official legal description is the Government Lot, so the 40 acre tract designations can be corrected without an amendment to correctly describe the place of use.

Bureau of Land Management Plat Map



The insert of the Bureau of Land Management 1890 Survey of Township 55 North, Range 2 West, shows that property associated with permit 96-9487 is entirely in Government Lot 3. The place of use does go into 2 separate 40 acre designations, but the government lot designation is the official legal description. Therefore, I will be correcting the 40 tract descriptions on the license, but the official designation for place of use and point of diversion is Government Lot 3.



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