

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

A. GENERAL INFORMATIONPermit No: 95-16853

Exam Date: 08/14/2015

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: Meldrum
Owner of Record Correct? X Y N
Address of Record Correct? X Y N

3. Beneficial Use Fees have been paid: X Y N Receipt No: C100842

4. SOURCE TRIBUTARY
CDA Lake Spokane River
Method of Determination: GIS Imagery
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

Comments: POU: PIN: 064600000080 & 06460000007A 0.6 Acres total Powderhorn Bay Lots 7 & 8

95-8252 – taxlot to north, PIN 064600000100, 95-16487 – taxlot to south PIN 064600000020, 95-16483 – adjacent taxlot to northeast, PIN 064600000090, 95-13667 – adjacent taxlot to south, PIN 06460000006A, 95-13267 – taxlot to south, PIN 064600000010, 95-12368 – taxlot to south, PIN 064600000030

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

Water Right No.	Source	Purpose of Use	Basis

Comments: Separate dock diversions from Lake. No evidence of shared POD with rights listed in POU.

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
CDA Lake	3		SW	NW	14	48N	04W	B.M.	Kootenai
								B.M.	

Method of Determination: GIS Imagery and application information.

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Domestic

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
48N	04W	14							X										
		Lot #							3										
Total Acres =																			

Method of Determination: GIS imagery. Home in lot 8, dock in lot 7

Change in POU? ____Y__X__N Amendment Required? ____Y__X__N

___ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

___ 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

*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

2. Measurements: < _____ >

E. FLOW CALCULATIONS

___ Additional Computation Sheets Attached

Measured Method:

Per Application Processing Memo # 2 – for 1 house served 0.04 cfs**Permit allowed = 0.04 cfs domestic****License recommend for 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:

Pre field examiners handbook, domestic use for one home plus half acre irr. = 1.2 afa**License recommend for 1.2 afa domestic.****G. PURPOSE OF USE**

Other:

Method of Determination: Home visible on GIS Imagery.

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

Irrigation:

Water District: None

Groundwater Management Area: None

Conditions:

This right does not grant any right-of-way or easement across the land of another.

A fish screen of 0.25 inch or smaller mesh shall be installed and maintained at the point of diversion.

- Per email from D. Nelson dated 12/10/2014 – Not contacting owner regarding fish screen. Will carry condition onto license.

Have conditions of permit approval been met? X Yes No

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
	Totals:	0.04 CFS	1.2 AF

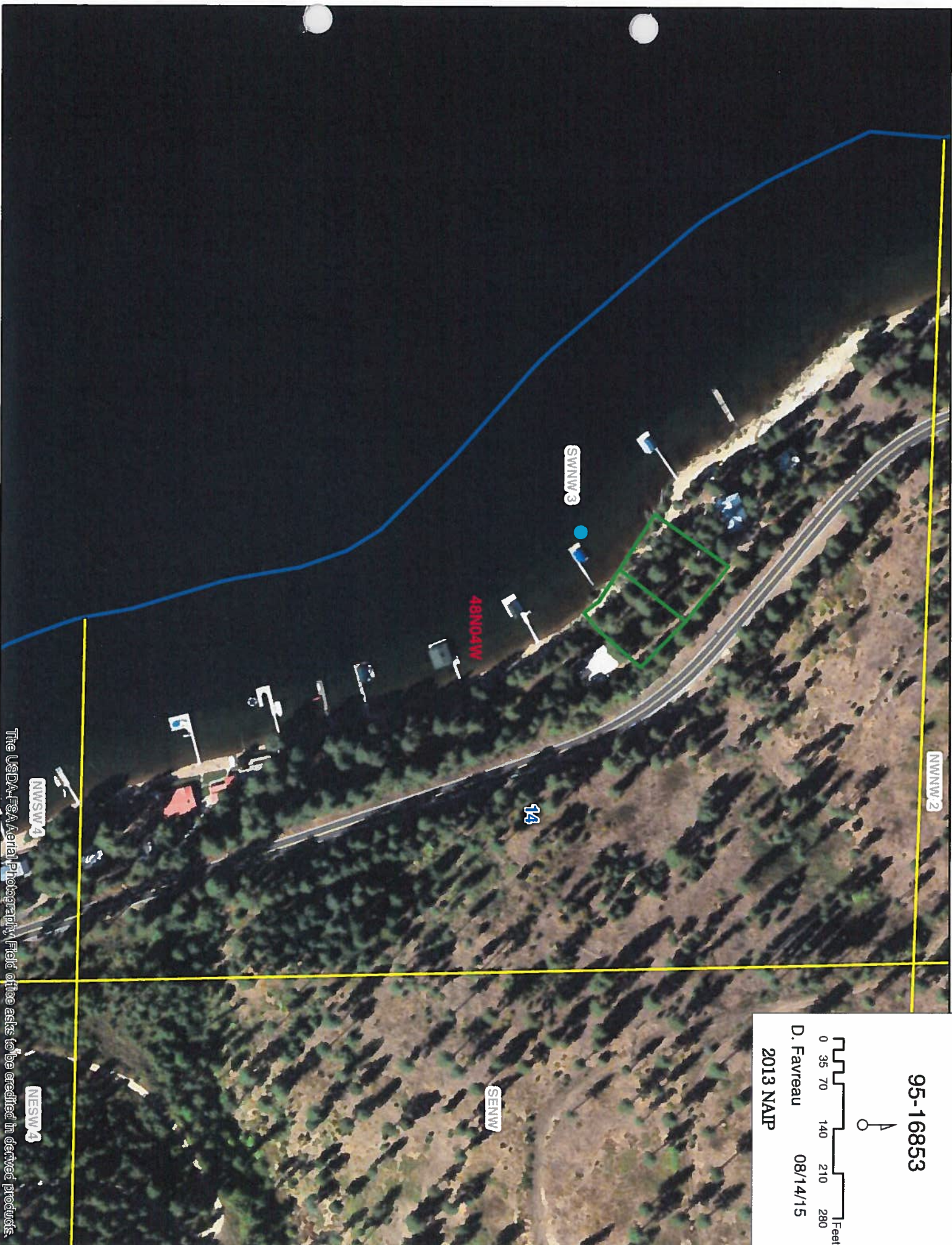
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

 Change P.U. as reflected above Add P.U. as reflected above XNone

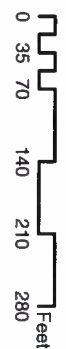
Other:

Field Examiner's Name Donald J. [Signature] Date 01/17/15

Reviewer Daniel A. Nelson Date 8-14-15



95-16853



D. Favreau
2013 NAIP
08/14/15

The USDA-FSA Aerial Photography Field office acts to be credited in derived products.