

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

A. GENERAL INFORMATIONPermit No: 95-12479

Exam Date: 08/13/2015

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: Calkins
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: C100828

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: 05560001009A 0.3 Acres NEWTONS SUB, LT 9, N 30 FT LT 10 BLK 1

95-13055 – PIN: 041400000040, southeast of POU; 95-16855 – PIN: 041400000050, southeast of POU; 95-8207 – PIN: Y00000220500, property south and southwest of POU.; 95-15040 – PIN: 05580002005A, west of POU; 95-4050 & 95-4107 – PIN: 055600010130, east of POU; 95-7980 - based on last name, west of POU PIN: 48N04W158450, 95-8764 - based on last name, west of POU PIN: 48N04W158450, PIN: 055800020010 & 055800020020. 95-4412 & 95-4413– adjacent taxlots to south & east. PIN: 05560001011A & 05560001011A.

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: 95-4107. 95-15040 – GW Diversions; 95-4050, 95-4113, & 95-7980 – Spring Diversions. 95-4412 – For property south and east of POU. No evidence of shared diversion. 95-8764 – west of 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	1		SE	SE	15	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

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	04W	15																X	
		Lot #																1	
Total Acres =																			

Method of Determination: RV area visible on GIS imagery.

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

Irrigation _____N _____ # Stock _____ Domestic # of Homes _____1_____

Other:

Change in Purpose of Use? _____Y _____X _____N

Method of Determination: Home visible on GIS Imagery.

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

H. NARRATIVE/REMARKS/COMMENTS

Irrigation:

Headgate Requirement: 3.0, Consumptive Use: 2.0, Season of Use: 03/15 to 11/15

Water District: None

Groundwater Management Area: None

Conditions:

The irrigation occurring under this domestic use shall not exceed 0.5 acre.

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

Domestic use is for 1 home

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

POU: NEWTONS SUB, LT 9, N 30 FT LT 10 BLK 1

- 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

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 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 _____X_____None

_____Change P.U. as reflected above _____Add P.U. as reflected above _____X_____None

Other:

J. AUTHENTICATIONField Examiner's Name Donnell [Signature] Date 08-13-15Reviewer Donnell A. Nda Date 8-14-15

95-12479



0 55 110 220 330 440 Feet

D. Favreau 08/13/15

2013 NAIP



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

95-12479



0 15 30 60 90 120 Feet

D. Favreau

08/13/15

ESRI

SESE1 15

48N04W

SWSW 6 14

Source: Esri, DigitalGlobe, GeoEye, I-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community