

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

A. GENERAL INFORMATION

Permit No: 91-7381

Exam Date: 1/3/2017

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)?
- ☒
- Yes
- ☐
- No

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

2. Current Owner: Tim & Jean Ducommun

Owner of Record Correct? ☒ Yes ☐ NoAddress of Record Correct? ☒ Yes ☐ No

If No:

3. Beneficial Use Fees have been paid:
- ☒
- Yes
- ☐
- No Receipt No: N027221, C102652

4. **SOURCE****TRIBUTARY**

St Joe River

Coeur D' Alene Lake

Method of Determination: Permit information & ArcMap dataChange in Source: ☐ Yes ☒ No**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: Overlap
- ☐
- Yes
- ☒
- No
- ☐
- Additional Sheet Attached

Water Right No.	Source	Purpose of Use	Basis
None			

Comments: City municipal rights in area do not affect this lot

2. Other water rights with the same point of diversion: Overlap
- ☐
- Yes
- ☒
- No
- ☐
- Additional Sheet Attached

Water Right No.	Source	Purpose of Use	Basis
None			

Comments: Water right POD 91-7172 is for domestic use and located W of this lot.**C. DIVERSION AND DELIVERY SYSTEM****1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
St Joe River	3		NW	NW	17	46N	01W	B.M.	BENEWAH

Method of Determination: Permit information & ArcMap dataChange in POD? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No

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	
46N	01W	17						D											
		Lot #						L3											

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	
46N	01W	17						1											
		Lot #						L3											

Method of Determination: Permit information & ArcMap dataChange in POU? ☐ Yes ☒ No Amendment Required? ☐ Yes ☒ No

☐ 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

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Pump Unknown					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
None						

Measurements: in-house field exam – no measurements required**E. FLOW CALCULATIONS**Measurement Method: ☐ Per Calculations ☒ Per Memo☐ Additional Computation Sheet(s) AttachedMeasurement = 0.07 cfs

Domestic = 0.04 cfs (Per administration procedure memo #22 – permit used for domestic purposes is limited to 0.04 cfs per household)

Irrigation = 0.03 cfs (Per administration procedure memo #17 – the department will accept rates of diversion as high as 0.03 cfs per acre for irrigation of up to 5 acres without justification that a rate greater than 0.02 is necessary)

Permit Allowance = 0.07 cfsLicense Recommendation = 0.07 cfs**F. VOLUME CALCULATIONS**Measurement Method: ☐ Per Calculations ☒ Per Memo☐ Additional Computation Sheet(s) Attached**1. Volume Calculations for Irrigation:**

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3.0 = 3.0$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 214 \times 1.9835 = 12.73$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 3.0$$

2. Volume Calculations for Other Uses: per administration procedure memo #22 – permit used for domestic purposes is limited to 0.6 af per household and per condition R66 - when combined with all other rights shall provide no more than 3.0 afa per acre at the field headgate for irrigation of the place of use.

G. PURPOSE OF USEIrrigation ☐ Yes ☒ No # Stock _____ Domestic # of Homes 1

Other: < >

Change in Purpose of Use? ☐ Yes ☒ NoMethod of Determination: Permit information & ArcMap data

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

H. NARRATIVE/REMARKS/COMMENTS

- This permit qualifies for in-house exam.
- Existing pump with pressure tank at 30 gallon capacity to remove water from St Joe River for domestic and yard irrigation purposes.
- Owner stated on proof of beneficial use form that fish screening had been installed.
- Water right POD 91-7172 is for domestic use and located W of this lot. There are city municipal rights also in the area but they do not affect this lot.
- Permit used for domestic purposes is limited to 0.04 cfs per administration procedure memo #22.
- The department will accept rates of diversion as high as 0.03 cfs per acre for irrigation of up to 5 acres without justification that a rate greater than 0.02 is necessary per administration procedure memo #17.
- Conditions #3 (004), #5 (R66), #6 (132), #7 (X15), #8 (X16) and #9 (WB9) will be carried to licensing. Condition #4 (26A) will be removed at licensing. Condition added to reference domestic use limit to 0.6 af.

Have conditions of permit approval been met? ☒ 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	
Irrigation	04/01 to 10/31	0.03 CFS	
<u>Totals:</u>		0.07 CFS	

Additional Notes:**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

Field Examiner: _____

Kyle Rayworth – Water Resource Agent

Date: 1/3/2017

Reviewer: _____

Date: 1-3-17

State of Idaho
Department of Water Resources

Field Exam Map (Domestic)

91-7381

01W



● Point of Diversion

Place Of Use Boundary

Townships

PLS Sections

0 0.035 0.07 0.14 Miles



State of Idaho
Department of Water Resources
**Field Exam Map
(Irrigation)**
91-7381



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.035 0.07 0.14 Miles





State of Idaho

Chad Goodwin
DEPARTMENT OF WATER RESOURCES

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C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

Adam Fredrich

287-4951

November 9, 2016

TIM DUCOMMUN
JEAN DUCOMMUN
2380 RAILROAD GRADE
ST MARIES, ID 83861

RECEIVED

DEC 06 2016

DEPT OF WATER RESOURCES

RE: Application for Submitting Proof of Beneficial Use
91-7381 Ducommun - Additional Information Request

Dear Permit Holders:

The Department of Water Resources has received your application for submitting proof of beneficial use. After an initial review more information is needed before moving forward with processing. Please answer the questions listed below to clarify various items on the application.

1. Based on aerial information, there is a question as to the irrigation that appears to be taking place in the POU area as noted on your submitted map. Could you please confirm what areas are receiving irrigation on the enclosed map? Please include pictures and any other additional information you feel might be of assistance in our review. If necessary, an on-site field exam can also be scheduled.

Please provide the requested information within 30 days. If you have any questions about the information requested above, please contact me directly for clarification. I am available by email at kyle.rayworth@idwr.idaho.gov, by phone at (208) 287-4912 or at the address above. I will be happy to clarify any of the questions. Once your application is defined clearly to meet your proposed plan of use, the application will be prepared for public notice. Concurrently you will receive an additional letter addressing Wild and Scenic concerns since you are located within the Wild and Scenic River area.

Please contact me at the State Office in Boise if I can be of assistance.

Sincerely,

Kyle Rayworth
Water Rights Agent

Enclosures



Irrigation ON most all of INSIDE
Yellow Box. Fire protection All of
Yellow Box area.

Water for cows 35 head usually

Page 2 of 2

TIM Ducommun