

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

A. GENERAL INFORMATIONPermit No: 96-9604

Exam Date: 04/21/2017

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: Two Forks LLC
 Owner of Record Correct? X Y N
 Address of Record Correct? Y N
 If No: Address

Address on Statement of Completion is different than on the permit. Current Address:

Michael and Jennifer Boehm

9667 W Nova Ln.

Coeur d'Alene Idaho 83814

Verified Owner of the parcel on the Bonner County website. Warranty Deed attached.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C0

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

Lake Pend Oreille

NA

Method of Determination: Checked NAIP, could not locate pump. Statement of completion.

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: No direct overlap with any water rights. There are no other water rights within this QQ.

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

Water Right No.	Source	Purpose of Use	Basis
NONE			

Comments: The source is one pump that pumps water directly from Lake Pend Oreille.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Lake Pend Oreille	3		SE	SE	33	57N	01W	B.M.	Bonner
								B.M.	
								B.M.	

Method of Determination: Reviewed aerial imagery. Could not determine the existence of a pump. Statement of Completion indicates that diversion is occurring directly from Lake Pend Oreille.

Change in POD? Y N Amendment Required? X N

2. **PLACE OF USE:** Use: Domestic home and irrigation. The area of this POU and the surrounding area shows up quite

green. Also, this water right has had only one season to be developed and I could not find imagery from the summer of 2016. The size of the parcel when measured in GIS is approximately 0.33 acres. The Bonner County Map Viewer indicates that the size of the parcel is 0.225 acres.

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
57N	01W	33																D	
		Lot #																L3	
Total Acres =																			0.25

Method of Determination: A review of aerial photography (years 1998, 2004, 2009, 2012, 2013, and 2014) does not show specific evidence of a residence, but a dock has been there since at least 1998. The Bonner County website indicates that there is a house with a basement on the property.

0.25 acres of irrigation is based on the Statement of Completion. Water right is for domestic use (up to ½ acre). Used 0.25 because it is a reasonable amount on the 0.33 acre lot.

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
Unknown pump					

*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 measurements required for in-house exam.

E. FLOW CALCULATIONS

____Additional Computation Sheets Attached

Measured Method: No measurements required for in-house exam

Per App. Processing Memo #22, up to 0.04 cfs is acceptable for domestic use for 1 home, which is the same amount specified in the permit.

Measurement = NONE

Permit allowed = 0.04 cfs

License recommend for 0.04 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\quad X 3.5 \quad} = \underline{\quad}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

Irrigation could not be determined from aerial photography due to generally green surroundings and significant tree canopy. Also, the permit wasn't approved until spring 2016 and I could not locate an aerial photo after 2015 for this area. Processing Memo #22, up to 1.2 AFA per household with irrigation.

Method of Determination: Statement of Completion and aerial photography.

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

Added conditions x59 and x60 to clarify POU and POD.

Have conditions of permit approval been met? _____Yes X No
The owner may not have a fish screen installed.

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Irrigation	01/01 to 12/31	0.04 CFS	1.2 AF
	Totals:	0.04 CFS	1.2 AF

Other: < >

Field Examiner's Name: Manuel Rauhut
Reviewer

Date _____

Date _____

Bonner County Map
Public Map Viewer

Clear Graphics ... NADP 2013 (1:2 meter) ... Feature Labels ...

Search for an address

Tax Roll Parcel C of D

Pin: RP0414622040A
Neighborhood: 1506
LRN: 9132
Owner1: BOEHM TRUST
Owner2: BOEHM MICHAEL E & JENNIFER
Owner3: TRUSTEES
Property Address: 55 E BOTTLE BAY RD
Community: SAGLE
House Type: 12 One Story w/ basement
Description: 19' Road improv on cat 15
Acreage: 0.25
Legal Descr: 33-57N-1W SHAFER'S LAKESHORE
BLK 3 LOT 4 LOTS
Tax Code Area: 000000
Value: \$204641
Available Dents:
80211 STD
80632 STD

Zoom to