

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

A. GENERAL INFORMATION

Permit No: 96-14437

Exam Date: 07/28/2025

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- a. N/A Irrigation of 5 acres or less
- b. N/A Storage of up to 14.6 AF for stockwater purposes only
- c. X Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less.
- d. N/A Other < >
2. Current Owner: RON WILSON
- Owner of Record Correct? X Y N
- Address of Record Correct? X Y N
- If No Explain:
- Bonner County Tax Parcel information shows Gary Martin as the owner of parcel RP001990010240A. I don't see any issues with the ownership of this permit or proposed license.
3. Beneficial Use Fees have been paid: **N/A** – Groundwater source and beneficial use for which a license examination fee is not required IAW Statement of Completion instruction guidelines.
4. **SOURCE:** Groundwater

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

C. DIVERSION AND DELIVERY SYSTEM

1. Location of Point(s) of Diversion:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
GROUNDWATER	2		SW	NE	4	55N	02E	B.M.	BONNER

Method of Determination: ArcMap aerial imagery.

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

Place of 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	
55N	02E	4			X														
		Lot #			L2														

Method of Determination: GIS and Tax Parcel Data.

Change in POU? X N Amendment Required? X N

3. Diversion System Information:

Description: Hammered shallow sand point well with 2-inch pipe and small 12-V DC electric pump serves as the diverting works for the water system with 1 1/2-inch pipeline to home and 30-gallon pressure tank from well.

 Delivery System Diagram Attached. (mark all major components and distances between components)

 X Aerial Photo Attached (required)

 X Photo of Diversion and System Attached

3. Diversion Id No.*	Motor Make	HP	Motor Model No.	Pump Make	Pump Serial No. or Discharge Size
HAND DUG SAND POINT WELL	N/A	Unknown	12-VOLT DC ELECTRIC PUMP	Unkown	5/8-INCH GARDEN HOSE FROM OPEN WELL AND 1 1/2-INCH BURIED PIPELINE TO HOME

D. FLOW MEASUREMENTS

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurement Comments: No measurement required for an in-office exam.

E. FLOW CALCULATIONS

Domestic:

- Measurement = 1 home authorized a diversion rate of 0.04 cfs based on Administrator's Memorandum, Application Processing No. 22: Definition of "Domestic".
- Permit allowed = 0.04 cfs
- License recommendation = **0.04 cfs** based on Department authorized domestic diversion rate standards.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

2. Volume Calculations for Other Uses: I have recommended licensing this Permit using domestic standards which authorize 1.2 af for 1 home with 1/2 acre irrigation included in domestic use.

G. PURPOSE OF USE

Irrigation N/A N # Stock N/A Domestic # of Homes: 1

Other: < N/A >

Change in Purpose of Use? X N

Method of Determination: Bonner County tax lot data, information assessed on the Statement of Completion form, Application for Permit backfile review, and email correspondence received from the Permit Holder.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. There are no overlapping water right concerns toward licensing this Permit. I used ArcMap to assign the groundwater POD which I've designated as the same location as the permitted POD centroid which is within the Permit Holder's parcel boundary. The Permit's **0.04 cfs** diversion rate is recommended for licensing based on Department standard diversion rate authorized for 1 home, which limits the applicant as 18-gpm with the current 12-V DC pump. This ground water source uses a self-constructed hand hammered (no electric tools used) sand point well with 2-inch pipe installed with first usable water found 21-ft below surface and pipe protruding 3-ft above surface level.

The applicant's parcel reflects a year-built date of 1995 according to Bonner County tax parcel data. The POU is a small island 0.5-ac lot that is densely treed making it difficult to see the primary residence in ArcMap, but Bonner County tax parcel map aerial imagery clearly illustrates a green roofed residence. Mr. Martin responded to an email inquiry for additional pump information via email response on 7/28/2025, and I've included the correspondence and photograph of the well with the pump actively diverting water as supporting documentation to this report.

I used ArcMap aerial imagery, Google Earth software, and Clearwater County GIS tax parcel maps to evaluate the domestic POU and assigned a 0.5 ac parcel POU shape that encompasses the residence and allows for up to ½ acre irrigation which occurs on the property. The POU shape is for illustrative purposes and the Right Holder is authorized up to ½ acre irrigation which coincides with the residence which may fall outside the Arcmap POU shape due to aerial shift/drift. I've designated the maximum diversion volume of **1.2 af** for domestic use 1 home with up to ½ acre irrigation included under domestic use.

I removed condition 046 during licensing review; the Department's Well Construction Rules (IDAPA 37.03.09 Section 045.03) affirm IDWR doesn't regulate this hand dug/drilled/pounded well. All other conditions on the permit are carried forward to the license.

Have conditions of permit approval been met? ☒ Yes ☐ No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.04 CFS	1.2 AF

Totals: 0.04 CFS 1.2 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: < N/A >

J. AUTHENTICATION Luke Bates – Sr Water Resource Agent

Field Examiner's  Date 7/28/2025

Reviewer  Date 6/30/2026

Bates, Luke

From: gary martin <jcgsas777@gmail.com>
Sent: Monday, July 28, 2025 8:37 AM
To: Bates, Luke
Subject: Fwd: Water running

CAUTION: This email originated outside the State of Idaho network. Verify links and attachments BEFORE you click or open, even if you recognize and/or trust the sender. Contact your agency service desk with any concerns.

Well

----- Forwarded message -----

From: gary martin <jcgsas777@gmail.com>
Date: Mon, Jul 28, 2025 at 8:15 AM
Subject: Water running
To: jcgsas777@gmail.com <jcgsas777@gmail.com>

* Image of well attached to supporting Doc Page.
LBates 7/28/2025

96-14437
IN-OFFICE BENEFICIAL USE FIELD EXAMINATION



Parcel RP001990010240A. Imagery retrieved from Bonner County Tax Parcel Map at <https://cloudgisapps.bonnercountyid.gov/public/> on 7/28/2025 by L.Bates
SMALL ISLAND LOT WITH GREEN ROOFED RESIDENCE



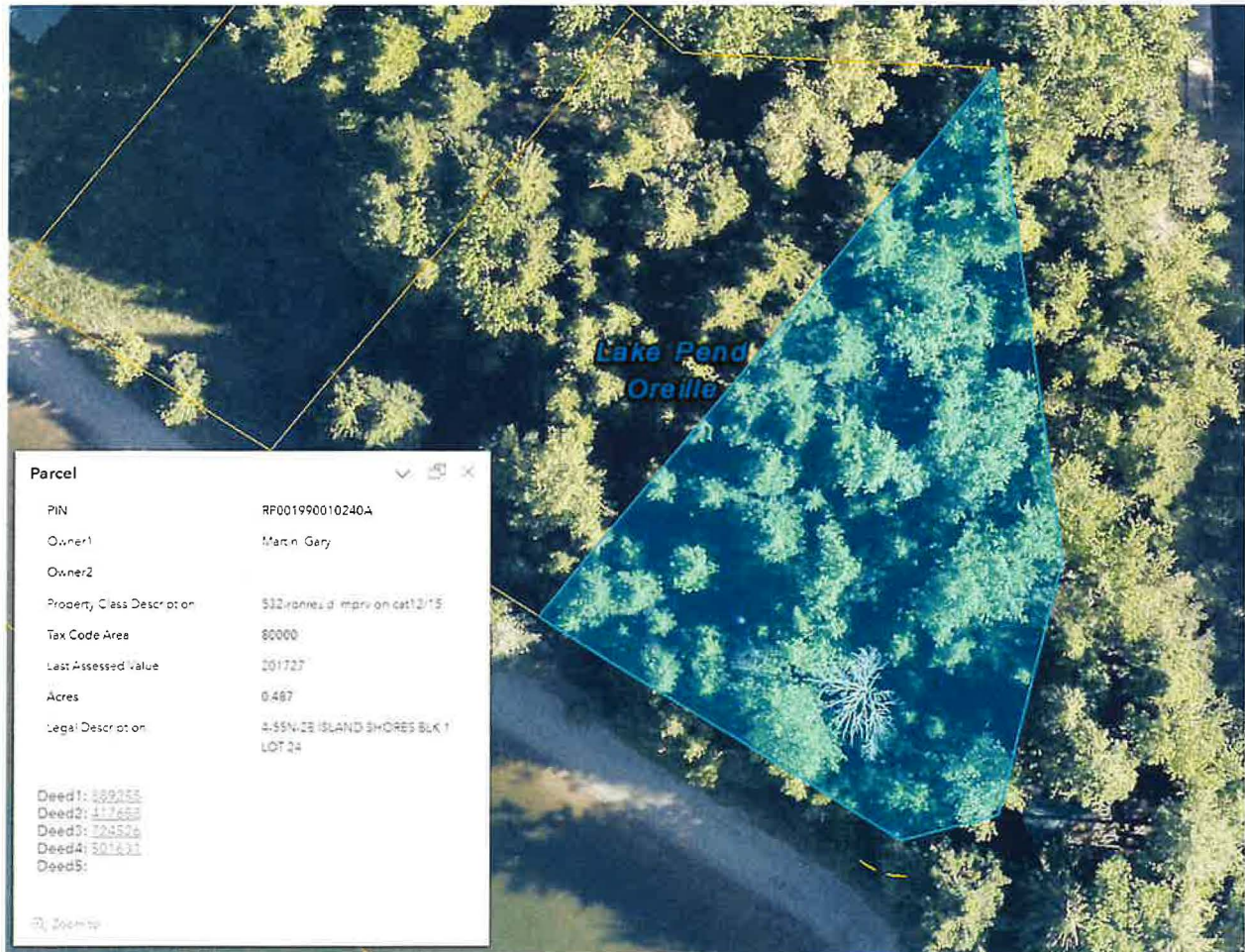
POD – HAMMERED SAND POINT WELL WITH SMALL ELECTRIC PUMP TO HOSE TO DOMESTIC USE – IMAGE PROVIDED BY PERMIT HOLDER (EMAIL) ON 7/28/2025

Field Exam Map(s): Island Shores Subdivision Lot 24, Blk 1.

Bonner County Tax Parcel map retrieved from

<https://cloudgisapps.bonnercountyid.gov/public/>

on 7/28/2025



Tax Parcel No. RP001990010240A