

FIELD EXAM CHECKLIST
 PERMIT # 63-32887 STAFF CP DATE 11/22/16
PREPARE LICENSING FILE (Left side)

- ☒ Copy of permit approval & proof report (place on top)
☒ Copy of original application for permit
☒ Copy of Proof of Beneficial Use ✓ Exam fee required \$ NA Exam fee paid \$ NA
 _____ Copies of any Amendments/Assignments/Ownership Docs

EXAM PREPERATION (Right side)

- ☒ Blank Beneficial Use Field Report form
☒ Aerial photo (system diagram map to be completed with permit owner)
☒ Well log (attach to field exam)
 Conditions: Measuring device requirements? _____ Installed? _____
 Other (supplemental conditions, limits, etc.)? _____
 Overlap: POD? _____
 POU? _____

Ownership

Taxlot / ID SOS match?

If new owner, collect Assignment of Permit form / Ownership Change form in field.

EXAM APPOINTMENT

owner or rep phone #? _____

Owner or rep will be present at exam (someone familiar with system)¹?

Exam date/time/place?

If cannot get from web or other references: directions to site? approx driving time from office?

System on/operating normally during exam (not always required)?

SYSTEM INFOPump Diversion

Approx HP?

Owner can provide pump curve?

Pump set or lift?

Approx operating psi?

Approx mainline pipe diameter?

Approx # sprinklers? Nozzle size?

Gravity Flow

Ditch capacity?

Weirs or Flumes installed?

Special Remarks:**POST FIELD EXAM**

- ☒ Exam date data entered
☒ Ad Hoc data entry & license shapes
☒ Exam file prepared – see N:\WR Field Exams\LicenseFileOrganization
☒ Licensing amendments required _____ If so, received?
☒ Draft license & WR Layout maps OR _____ Void permit

¹ OK to do exam w/o anyone present if owner agrees in advance, provides info so you can find p/d, how system works, how recognize p/u etc. Usually limited to small systems – spring/creek/well for cabins, few acres irrigation, minor stockwater/wildlife/recreation etc.

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 63-32887

Examiner: CP

Date: 11/22/16

In-office qualification (IDAPA 035.01.r):

- ☐ Irrigation ≤ 5 acres
☐ Stockwater storage ≤ 14.6 af
☒ Total diversion rate ≤ 0.24 cfs and not irrigation or storage

Current Owner Name: William F Hart and/or Marion Hart

Address: 837 N. Preakness Dr. Eagle, ID 83616

Beneficial Use Fee Paid: \$NA

Receipt: Not required, diversion = 0.04 cfs

Source: Groundwater

 Source change? ☒ N ☐ Y Change clarifies originally intended source.
 If not – void permit.

Point of Diversion			NE				NW				SW				SE			
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
04N	01E	8								X								

Method of Determination: Location from map provided by landowner with application, coordinates from field visit (see attached memo)

POD change? ☒ N ☐ Y

Place of Use			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
04N	01E	8								X									

Method of Determination: Aerial imagery and digital PLS mapping

POU change? ☒ N ☐ Y

Purpose of Use: Domestic

Purpose change? ☒ N ☐ Y

Method of Determination: House visible in aerial images

Standard Season of Use: 01/01 - 12/31

Update required on license? ☒ N ☐ YOverlap Review POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments: No other WR's associated with PODPOU overlap? ☒ N ☐ Y WR's:

Comments: No overlap found for domestic use on this property

Diversion Rate	Permitted Rate: 0.04 cfs	BU Standard Limit: 0.04 cfs
	BU Fee Limit: 0.04 cfs	Theoretical (optional): cfs
Recommended Total Div Rate: 0.04cfs		

Annual Volume

For Irrigation:	cfs x 1.9835 x	days	=	af
	acres x	af/ac (FHR)	=	af
	Smaller of two volumes		=	af

For other uses: 1.2 afa, 1 house domestic use irrigation included

IN-OFFICE BENEFICIAL USE FIELD REPORT

Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Domestic	01/01 - 12/31	0.04	1.2

Totals

0.04 cfs

1.2 af

Amendments Required

☐ Change P.D.☐ Add P.D☒ None☐ Change P.U.☐ Add P.U.☐ Other:**Conditions:** Add 187, drop beneficial use condition, combine X59 and X60Have conditions of permit been met? ☒ Y ☐ N

Narrative:

The permit 63-32887 authorized the diversion of 0.04 cfs for domestic use. The total diversion rate is less than 0.24 cfs, qualifying this permit for an in-office field exam. The field exam was completed on 11/22/16 by WRA Cody Parker.

Location of the POD was taken from the map provided with the application for permit. There is no well log available for the well located on the property. The landowner indicated on the application that the well was drilled in the 1970's for a man named "Gary". However, there was no well log associated with that name, nor for the address. There has also been a previous site visit to collect GPS coordinates for the site of the well (see attached memo). The POU was located using aerial imagery in ArcMap and was described using digital PLS mapping.

A review of existing water rights indicates no overlap for this license. However the POU for WR license 63-16372 (in ArcMap) is shown as the entire SENW Q-Q, though the address served by this WR appears to be located to the east of the Q-Q. In addition, it is likely that this household receives water from the municipal system as well.

A previous draft license was created for this permit, and a field exam was started but had not been completed. This exam completed 11/22/16 will replace the previous in-office exam, but this exam makes use of GPS data collected by the previous examiner for the location of the POD. The previous draft license removed the "proof of BU" and "subject to all prior water rights" conditions. Conditions describing the location of POU and POD were retained and I have also suggested condition 187 because the POU lies within the B63 Groundwater Restricted area

The diversion rate is 0.04 cfs, corresponding to the permitted rate, and the standard rate for domestic use of 1 household. The annual volume was set at 1.2 af to reflect domestic use including the irrigation of 1/2 acre per admin memo #22.

Workflow

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 Other:

Supporting Documents

Aerial Photograph ☒ Well Log ☐
 POU/POD Map ☒ Diagrams ☐
 LandSat ☐ Theoretical ☐
 Photographs ☐ Other:
 Site Visit ☒ Date: 06/09/16

Authentication

Field Examiners Name:

Cody Parker

Date:

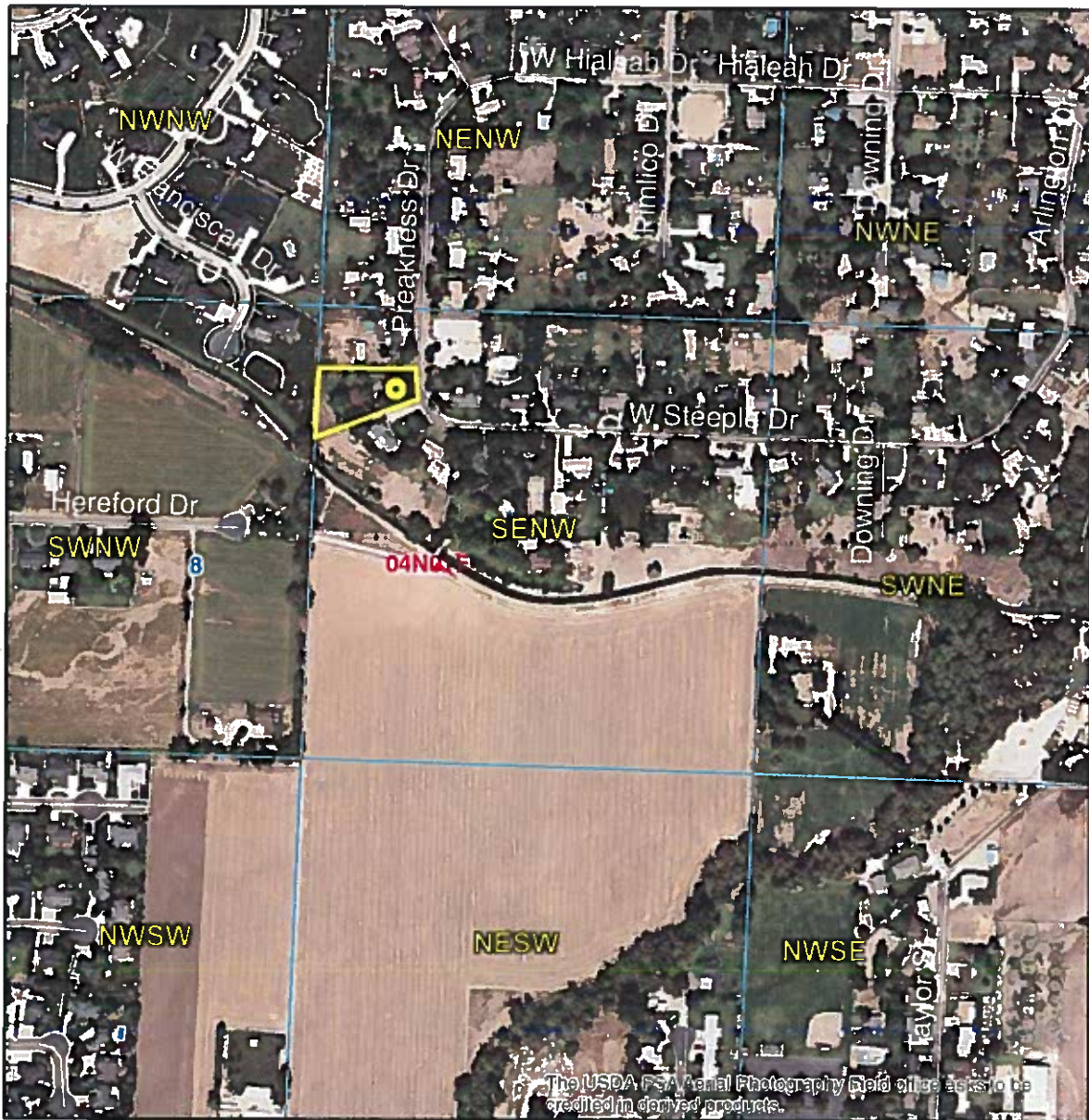
11/22/16

Reviewer:

Angela M. Quinn

Date:

12/12/16



Map of Place of Use

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

0 0.1 0.2 Miles



BasinSequence	Owner	Source	Use
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NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
													X	X		
													X			
										X			X			
	X							X								
				X												
											X					
										X						
	X							X								
							X					X				
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											X					
		X										X				

A 20x20 grid with a yellow cross. The cross consists of a vertical bar in column 10 and a horizontal bar in row 10, both 20 units wide and 2 units high. Scattered 'x' marks are located at the following coordinates (row, column): (1, 4), (1, 16), (2, 19), (2, 20), (3, 19), (3, 20), (4, 1), (4, 4), (5, 1), (5, 4), (6, 1), (6, 4), (7, 1), (7, 10), (8, 10), (8, 19), (9, 19), (10, 1), (10, 4), (10, 10), (10, 19), (11, 4), (11, 10), (11, 16), (12, 16), (12, 17), (13, 4), (13, 10), (13, 19), (14, 19), (15, 1), (15, 4), (15, 10), (15, 19), (16, 1), (16, 10), (16, 19), (17, 1), (17, 10), (17, 19), (18, 1), (18, 10), (18, 19), (19, 1), (19, 10), (19, 19), (20, 1), (20, 10), (20, 19).

MEMORANDUM

TO: 63-32887 Hart File

FROM: Danie Merriman (Western)

DATE: June 17, 2016

RE : Partial field exam for licensing

On January 15, 2009, William Hart submitted proof of beneficial use for water permit 63-32887. On December 29 of the same year, Jean Hersley conducted the in-office beneficial use exam.

During the in-office exam, it was determined that the POD location could not be confirmed. The permit is in an area with many non-specific well logs, none of which are in the name of the permit holder. Much of the property is covered with canopy from trees, so the well head could not be visually located via aerial photography. Additional information was needed to confirm where the well is located.

On June 9, 2016, after having scheduled a meeting, I traveled to Mr. Hart's property to take a GPS point of the well. Mr. Hart said that the well was likely drilled around 1975 to a depth of around 200 feet. He uses the well for his internal domestic uses and to irrigate his property. He purchased the property from someone named Mr. Bunsen, but did not know the name of the homeowner before that. Based on this limited information, I was unable to link the POD to an existing well log.

A GPS point was taken for the POD (N 43° 42.128 W 116° 22.090) and input into workflow. The attached photographs were also taken, confirming the location of the well head. The permit should be licensed as detailed in the field report prepared by Mrs. Hersley.



Well head from above



Looking southeast
towards the well head