

FIELD EXAM CHECKLIST
 PERMIT # 65-15051 STAFF CP DATE 11/25/16
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 \$ 50 Exam fee paid \$ 50
☒ 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: 67-15051

Examiner: CP

Date: 11/25/16

In-office qualification (IDAPA 035.01.r): ☒ Irrigation $\leq$ 5 acres
☐ Stockwater storage $\leq$ 14.6 af
☒ Total diversion rate $\leq$ 0.24 cfs and not irrigation or storage

Current Owner Name: Anthony Bushong

Address: 11426 Scotch Pines Rd. Payette, ID 83661

Beneficial Use Fee Paid: \$50.00

Receipt: C095917

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
09N	05W	14		X														

Method of Determination: Taken from well log, description confirmed with digital PLS mapping

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	
09N	05W	14		D															
				1.6															1.6

Method of Determination: Aerial imagery and digital PLS mapping

POU change? ☒ N ☐ Y

Purpose of Use: Domestic and Irrigation

Purpose change? ☒ N ☐ Y

Method of Determination: House and irrigation apparent from aerial imagery

Standard Season of Use: Domestic: 01/01 - 12/31 Irrigation: 03/01 - 11/15

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

Comments: Covered by irrigation district. Applicant states they have no share in ditch company.

Diversion Rate	Permitted Rate: 0.10 cfs	BU Standard Limit: 0.09 cfs
	BU Fee Limit: 0.20 cfs	Theoretical (optional): cfs
Recommended Total Div Rate: 0.09cfs		

Annual Volume

For Irrigation:	0.05 cfs x 1.9835 x 260 days	= 25.8 af
	1.6 acres x 4.5 af/ac (FHR)	= 7.2 af
	Smaller of two volumes	= 7.2 af

For other uses: Domestic 0.6 af per memo #22, no irrigation

IN-OFFICE BENEFICIAL USE FIELD REPORT

Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Irrigation	03/01 - 11/15	0.05	7.2
Domestic	01/01 - 12/31	0.04	0.6
Totals		0.09 cfs	7.8 af

Amendments Required

☐ Change P.D. ☐ Add P.D. ☒ None
☐ Change P.U. ☐ Add P.U. ☐ Other:

Conditions: Remove conditions 004, X01, 046. Replace 121 with 103. Add WB5 to clarify that all irrigation is under the irrigation part of the right and not included in domestic part.

Have conditions of permit been met? ☒ Y ☐ N

Narrative:

Permit 67-15051 authorized the diversion of 0.10 cfs for irrigation of 2.3 acres and domestic use. The total diversion rate is less than 0.24 cfs and the total number of irrigated acres is less than 5, both qualifying this permit for an in-office field exam. This exam was completed on 11/25/16 by WRA Cody Parker.

The location of the POD was determined using the well log information and the map that the applicant provided with the application. The location description was confirmed using digital PLS mapping. The POU was determined using aerial imagery, available taxlot information, and digital PLS mapping.

Upon review, there does not appear to be overlap between this right and any others. The land area was covered by the local irrigation districts and ditch companies. However, the applicant states that they do not have shares in the ditch company and therefore receive no water for irrigation, indicating that this right is intended as the primary irrigation right. There is a water right which appears in Arcmap as the entire Q-Q, but no taxlot information matched the name on this right within the Q-Q.

I measured the total irrigable land in Arcmap and found that there is a maximum of 1.6 acres of land available for irrigation. I have restricted the domestic part to in-home use and included the total 1.6 acres in the irrigation part of the right. This is clarified by the addition of condition WB5. The diversion rate for irrigation was then determined to be 0.05 cfs (0.03 cfs x 1.6 acres) with an annual volume of 7.2 af. The diversion rate for the domestic use is 0.04 cfs and total annual volume is 0.6 af per memo #22. Adding these, the overall diversion rate is then 0.09 cfs and overall annual volume is 7.8 af.

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:

Authentication

Field Examiners Name:

Cody Parker

Date:

11/25/16

Reviewer:

Angela M. Quinn

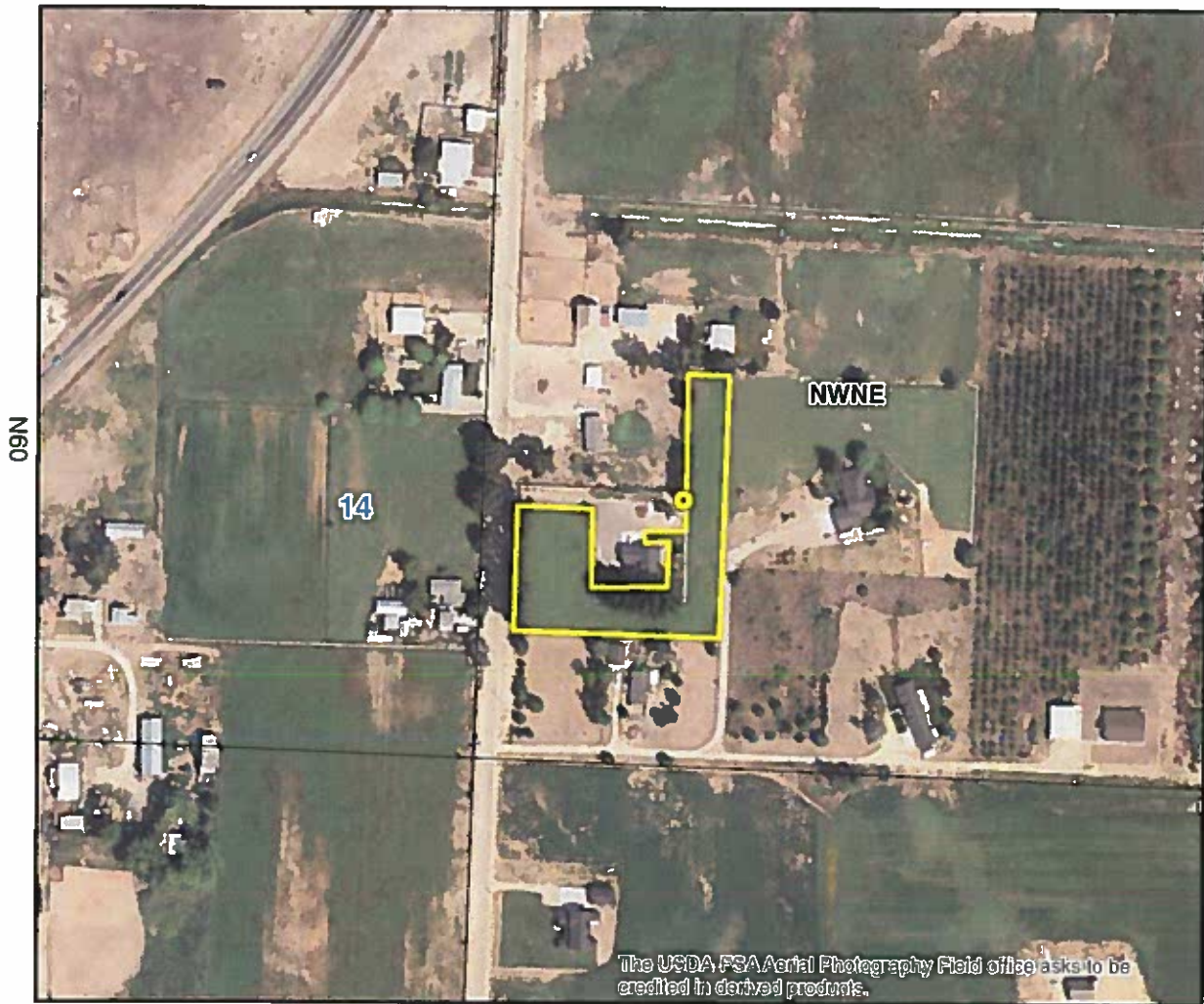
Date:

12/9/16

State of Idaho
Department of Water Resources
Map of POU/POD
67-15051

This map depicts the IRRIGATION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

05W



-  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
Map of POU/POD
67-15051

This map depicts the DOMESTIC place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

05W



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

0 0.035 0.07 0.14 Miles



67

Form 238-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D 0048264
DRILLING PERMIT NO. _____
Water Right or Injection Well No. _____

2. OWNER:

Name Anthony Bushong
Address 11426 Scotch Pines Rd
City Payette State ID Zip 83661

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub, or Directions to well.

Twp. 9 North ☒ or South ☐
Rge. 5 East ☐ or West ☒
Sec. 14 1/4 2/4 3/4 4/4
Gov't Lot _____
County Payette State ID
Lat: _____ Long: _____
Address of Well Site 11426 Scotch Pines Rd City Payette
(Give at least name of road - Distance in Road or Landmarks)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply

(Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	0	18	500	Temp Casing

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 30
Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	1	30	1/4	Steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method TORCK
Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
25	30	1/4x5	400	6	Steel	☒	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

11 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices: _____

847265

Office Use Only

Well ID No. 417291
Inspected by _____
Twp. _____ Rge. _____ Sec. _____
1/4 1/4 1/4
Lat. _____ Long. _____
☒ Air ☐ Flowing Artesian

12. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air

Yield gal./min	Drawdown	Pumping Level	Time
50		40	2hr

Water Temp. 61° Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10	0	13	Brown Clay		
10	13	22	Hard Gravel		
6	22	30	Sand & Sparre Gravel		
6	30	42	Blue Clay		

RECEIVED

JUN 28 2007

WATER RESOURCES
WESTERN REGIONCompleted Depth 38' (Measurable)
Date Started 6-19-07 Completed 6-19-07

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Dallas Drilling Firm No. 445-Principal Driller [Signature] Date 6/27/07
and
Driller or Operator [Signature] Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required
Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

09N05W14

Basin	Seq	Owner	Source	Use
65-23106	LOWER PAYET	PAYETTE RIVER	IRRIGATION FROM ST	
65-23305	LAKE RESERVO	FALL CREEK	IRRIGATION FROM ST	
67-15051	BUSHONG, AN	GROUND WATE	DOMESTIC	
67-15051	BUSHONG, AN	GROUND WATE	IRRIGATION	
Mar-23	PAYETTE INDU	SNAKE RIVER	IRRIGATION	
65-11413	LOWER PAYET	GRAVEYARD GL	IRRIGATION	
65-12279	LOWER PAYET	GRAVEYARD GL	IRRIGATION	
65-165A	LOWER PAYET	PAYETTE RIVER	IRRIGATION	
65-165B	LOWER PAYET	PAYETTE RIVER	IRRIGATION	
65-165C	LOWER PAYET	PAYETTE RIVER	IRRIGATION	
65-165X	LOWER PAYET	PAYETTE RIVER	IRRIGATION	
65-2923C	LAKE RESERVO	FALL CREEK	IRRIGATION FROM ST	
65-2923E	LAKE RESERVO	FALL CREEK	IRRIGATION FROM ST	
65-7425	LOWER PAYET	PAYETTE RIVER	IRRIGATION	
65-7428	LOWER PAYET	PAYETTE RIVER	IRRIGATION	
65-7848	LOWER PAYET	PAYETTE RIVER	IRRIGATION	
65-7882	LOWER PAYET	GRAVEYARD GL	IRRIGATION	
65-7885	CONNECTICUT	GRAVEYARD GL	IRRIGATION	
67-11452	EBRIGHT, K E;	IGROUND WATE	DOMESTIC	
67-11452	EBRIGHT, K E;	IGROUND WATE	STOCKWATER	
67-13884	BRATCHER, GA	GROUND WATE	DOMESTIC	
67-13884	BRATCHER, GA	GROUND WATE	STOCKWATER	
67-13899	FRANSEN, BEV	GROUND WATE	DOMESTIC	
67-13901	FORSYTHE, VEI	GROUND WATE	DOMESTIC	
67-13901	FORSYTHE, VEI	GROUND WATE	STOCKWATER	
67-13956	PREUNINGER, I	GROUND WATE	DOMESTIC	
67-13957	PAINTER, CHAI	GROUND WATE	DOMESTIC	
67-13967	SHUEY, CHRIST	GROUND WATE	DOMESTIC	
67-13967	SHUEY, CHRIST	GROUND WATE	STOCKWATER	
67-14155	BARKER, ALICE	GROUND WATE	DOMESTIC	
67-14156	BARKER, ALICE	GROUND WATE	DOMESTIC	
67-14156	BARKER, ALICE	GROUND WATE	STOCKWATER	
67-14157	SCHWARTZ, FR	GROUND WATE	DOMESTIC	
67-14158	TYNER, JAMES	GROUND WATE	DOMESTIC	
67-14159	GOFF, E CHARI	GROUND WATE	DOMESTIC	
67-14257	JOHN R MARSI	GROUND WATE	IRRIGATION	
67-2023	EBRIGHT, K E;	IUNNAMED STR	IRRIGATION	
67-2395	BARKER, ALICE	UNNAMED STR	IRRIGATION	
67-4239	JACKSON, MAF	GROUND WATE	DOMESTIC	

NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X															
		2.3														2.3
					19											19
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
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				1	4	8										13
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