

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A Beneficial Use Field Report is prepared by a water right examiner as the result of an examination to clearly confirm and establish the extent of the beneficial use of water established in connection with a permit during the development period authorized by the permit and any extensions of time previously approved.

A. GENERAL INFORMATIONPermit No. 67-149521. Owner David Robidoux Phone No. 208-549-0619Current address 1827 Deer Creek Rd, Weiser, ID 836722. Examiner's name Cody Parker & Aaron Skinner EXAM DATE 05/15/20173. Accompanied by David Robidoux Email _____

Address _____

Relationship to permit holder _____ Phone No. _____

4. Source Deer Creek tributary to Mann Creek**B. OVERLAP REVIEW**1. Other water rights with the same place of use 67-147902. Other water rights with the same source and point of diversion 67-14790**C. DIVERSION AND DELIVERY SYSTEM**

1. Point(s) of Diversion:

Ident. No.	Gov't Lot	1/4	1/4	1/4	Sec	Twp	Rge	County	Method of Determination/Remarks
			NW	SE	36	13N	05W	Washington	GPS, Site Visit

2. Place(s) of Use: Method of determination Aerial imagery, site visit, digital PLS map

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	05W	36														0.2	8.3		8.5
																IS	IS		
																SS	SS		

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe diameter (inside), as applicable. Use the space provided or ☒ see attached.

Scale: 1" = _____

- ☒ Copy of USGS Quadrangle attached showing location(s) of point(s) of diversion and place(s) of use (**required**)
☒ 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
N/A					

*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
Bucket Test						

2. **Measurements:** _____

Bucket test 0.26 cfs diversion

1.9 acres total surface area, 7.8 afa total pond capacity, 15.4 afa total seepage, 1.4 afa total evaporation

See Attached

This image shows a full page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Has the permit holder met all conditions of permit approval, including any mitigation requirements and/or measuring device installation requirements? ☒ Yes ☐ No If no, what must be done to meet the permit requirements?

[illegible]

F. FLOW CALCULATIONS☐ Additional computation sheets attached

Measured Method:

Bucket Test:

5 gallons / 2.54 seconds x (1 cubic foot / 7.48 gallons) = 0.26 cfs

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 8.5 \text{ acres} \times 5.0 \text{ afa/acre (irrigation storage limit)} = 42.5 \text{ afa}$ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$

2. Volume Calculations for Other Uses:

Stockwater Storage => 0.7 afa (permit limit)

Irrigation from Storage => 9.3 afa (permit limit)

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation Storage	01/01	12/31		9.3
Stockwater Storage	01/01	12/31		0.7
Irrigation from Storage	03/15	10/31		9.3
Diversion to Storage	03/01	06/15	0.20	
Totals:			0.20	~~9.3~~ 10.0 ^{afa}

2. Recommended Amendments

☐ Change P.D. as reflected on page 1☐ Add P.D. as reflected on page 1☒ None☐ Change P.U. as reflected on page 1☐ Add P.U. as reflected on page 1☐ Other**I. AUTHENTICATION**

Field Examiner's Signature



Date 09/12/17

Reviewer



Date 10/4/17

SEAL

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NARRATIVE

Permit 67-14952 authorized the diversion of 0.20 cfs from Mann Creek for irrigation and stockwater storage and use. The permit was intended to make legitimate an existing storage system following a formal complaint from a neighbor. The permit was approved on March 6, 2009. Proof of beneficial use was submitted on April 18, 2009. On May 15, 2017 WRAs Cody Parker and Aaron Skinner visited the site and completed a field exam for the permit. We were accompanied by David Robidoux, the permit holder, and later had a discussion in the office with Alan Sands, a distant relative of Mr. Robidoux and someone familiar with the system.

The permit covers 4 separate ponds which are used for either irrigation, stockwater, or both. The system is described as follows: Water is diverted from Deer Creek north of the property and is conveyed through a buried pipe to the northernmost pond, which is referred to by the owner as "West 1". West 1 lies within a draw and used to drain water from an unnamed stream. At one point, there was a ditch running from West 1 to ponds West 2 and West 3, though it was not operational at the time of the field exam. I have assumed that this ditch was used during the development period because the permit application represented the existing system. Water from West 1 also seeps out downslope from its dam and feeds a wet draw that runs into the fourth pond known as the "Bass Pond". Water from West 1 is released by a valve at the toe of the dam and supplies water to risers used for irrigation both around the house and at the northern end of an 8.3 acre irrigated field. Similarly, water from West 2 and the Bass Pond are controlled by valves feeding the risers at the northern end of the larger field. Water from West 3 is used only for stockwater.

At the time of our field exam, the dams for West 2 and West 3 were washed out, and the ponds retained very little water. However, both Mr. Robidoux and Mr. Sands indicated that the ponds were in use during the development period and afterward. Historical aerial imagery seems to support this claim.

The place of use for irrigation was verified during the field visit. There is ~0.2 acres of irrigation near the house located in the NWSE of Section 36, Twp 13N, Rge 05W, B.M.. There is an additional 8.3 acres of irrigation located in the SWSE of the same township, range, and section. West 1 is located in the NWSE. The Bass Pond, West 2, and West 3 are all located in the SWSE. The ponds were not currently used for stockwater, but the owner stated that he leases the land for grazing on occasion and the ponds are used for stockwater during those times.

The POD for the permit is the same as the POD for right no. 67-14790. It is located in the NWSE of Section 36, Twp 13N, Rge 05W, B.M. The diversion from Deer Creek is controlled by a sliding headgate. Conditions of the permit specify that a lockable controlling works and measuring device are to be installed. The owner has installed a locking lid that restricts access to the headgate from Deer Creek. Pictures of the lockable device can be seen in the file. The conditions specify that the diversion will be measured at the inlet of West 1. The diversion is relatively small and the pipe exposed, so a bucket test like the one below can be completed with relative ease for measuring the diversion.

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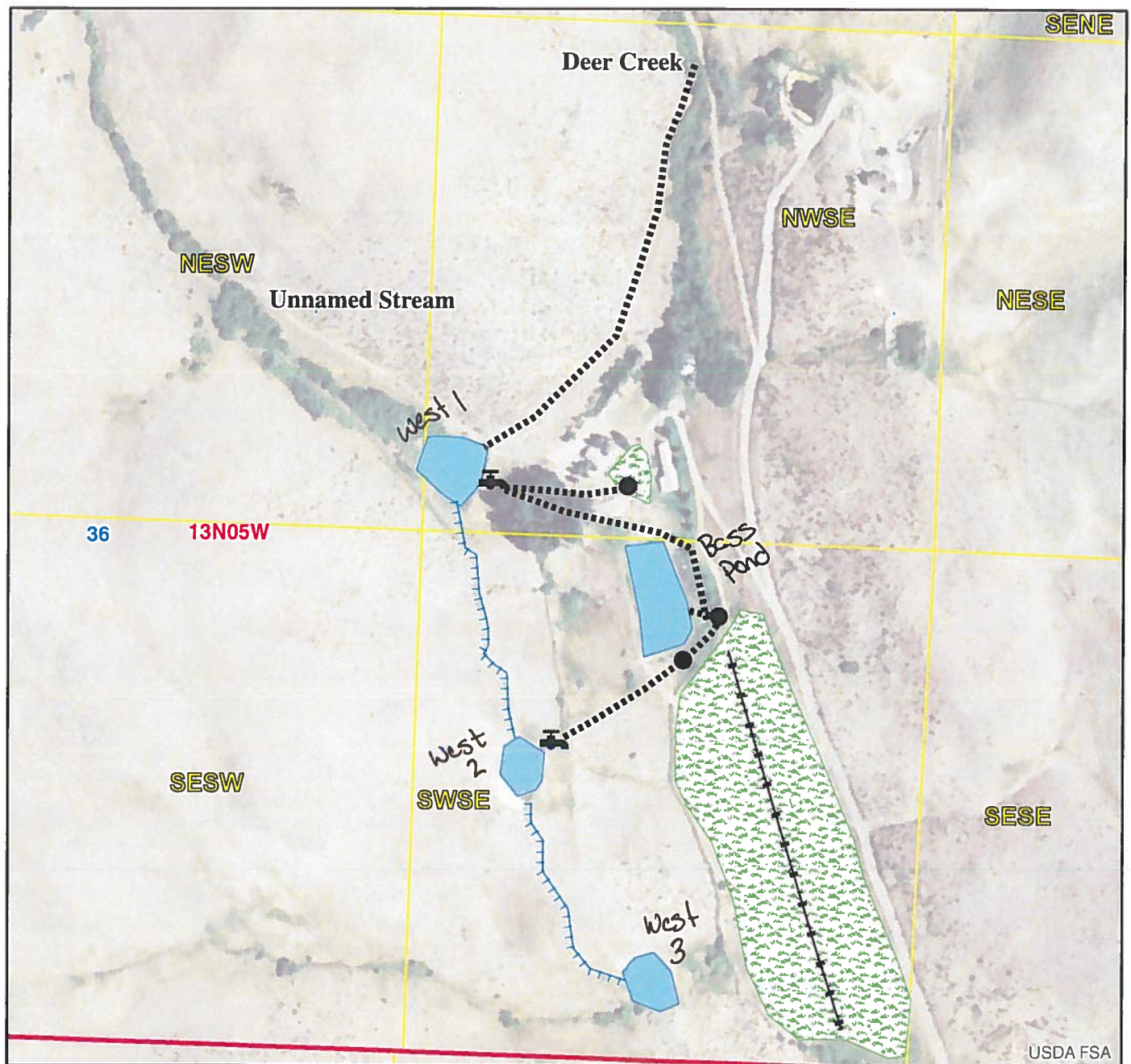
The diversion to storage rate is 0.20 cfs on the permit. We measured the rate at the pipe outlet as it empties into West 1 by bucket test. It took ~2.54 seconds on average to fill a 5-gallon bucket which comes out to 0.26 cfs. The permitted rate is limiting in this case and is the rate recommended for the license.

The permit authorized 10 afa combined storage for the 4 ponds. The combined capacity for the ponds is 7.8 afa. The total consumptive use associated with water storage in the system is 16.8 afa. The consumptive use was calculated only for the period of use authorized for the diversion to storage on the permit (03/01 to 06/15). This is the only period that the permit holder is authorized to divert water from the source and recover seepage and evaporative losses. The license can only authorize the diversion of 10.0 afa. The irrigation storage requirement is 42.5 afa (8.5 acres x 5 afa/acre) and the stockwater storage has no limit. Therefore the license I have recommended gives 10 afa total which can be used to fill the ponds and replace up to 2.2 afa losses or from-storage uses. The irrigation and stockwater volumes are limited by the permit. Stockwater storage is limited to 0.7 afa and irrigation storage and use is 9.3 afa.

The POU and POD overlaps with right 67-14790. Essentially, this permit is for the capacity of the ponds and right 67-14790 authorizes the conveyance of water through the ponds to be used for stockwater, irrigation, and domestic uses. The total diversion rate for right 67-14790 is 0.25 cfs. The existing combined use limit should be retained so the two rights when combined, do not exceed a diversion rate of 0.25 cfs. The irrigation for right 67-14790 is for the same acreage as this permit, so the X35 condition should also limit the combined irrigated acreage to 10 acres.

The permit holder and his representative, Alan Sands, also wanted to add a diversion from an unnamed stream to this license. The unnamed stream runs from northwest to the southeast into the western edge of West 1. The original application listed this source, but the source was not included with the permit. It appears that there is some dispute over this diversion as the BLM owns the property right up to the western edge of West 1. A source should not be added to the permit regardless of original intent. Condition 004 will be retained on the license to make clear that this right does not grant access or easement to the BLM property.

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System Diagram for Permit No. 67-14952



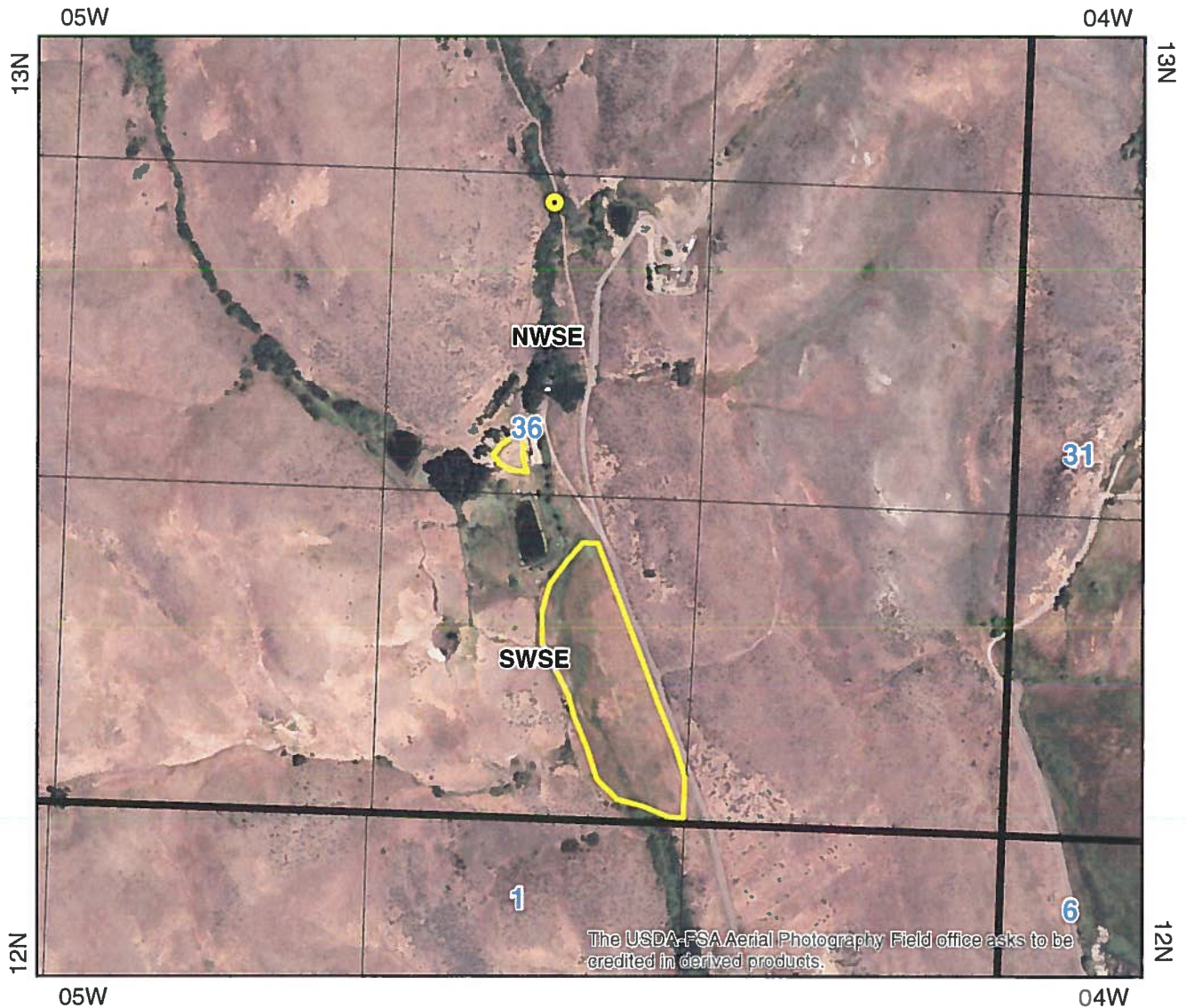
- | | |
|---|--|
| Township/Range | Irrigated Land |
| Sections | Storage Ponds |
| QQ | ● Point of Diversion |
| + + + Overflow Ditch | ● Riser Pipe |
| Buried PVC | + + Control Valve |
| - - - Wheel Line | |

0 0.075 0.15 Miles



State of Idaho
Department of Water Resources
Attachment to Water Right License
67-14952

This map depicts the IRRIGATION FROM STORAGE 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.



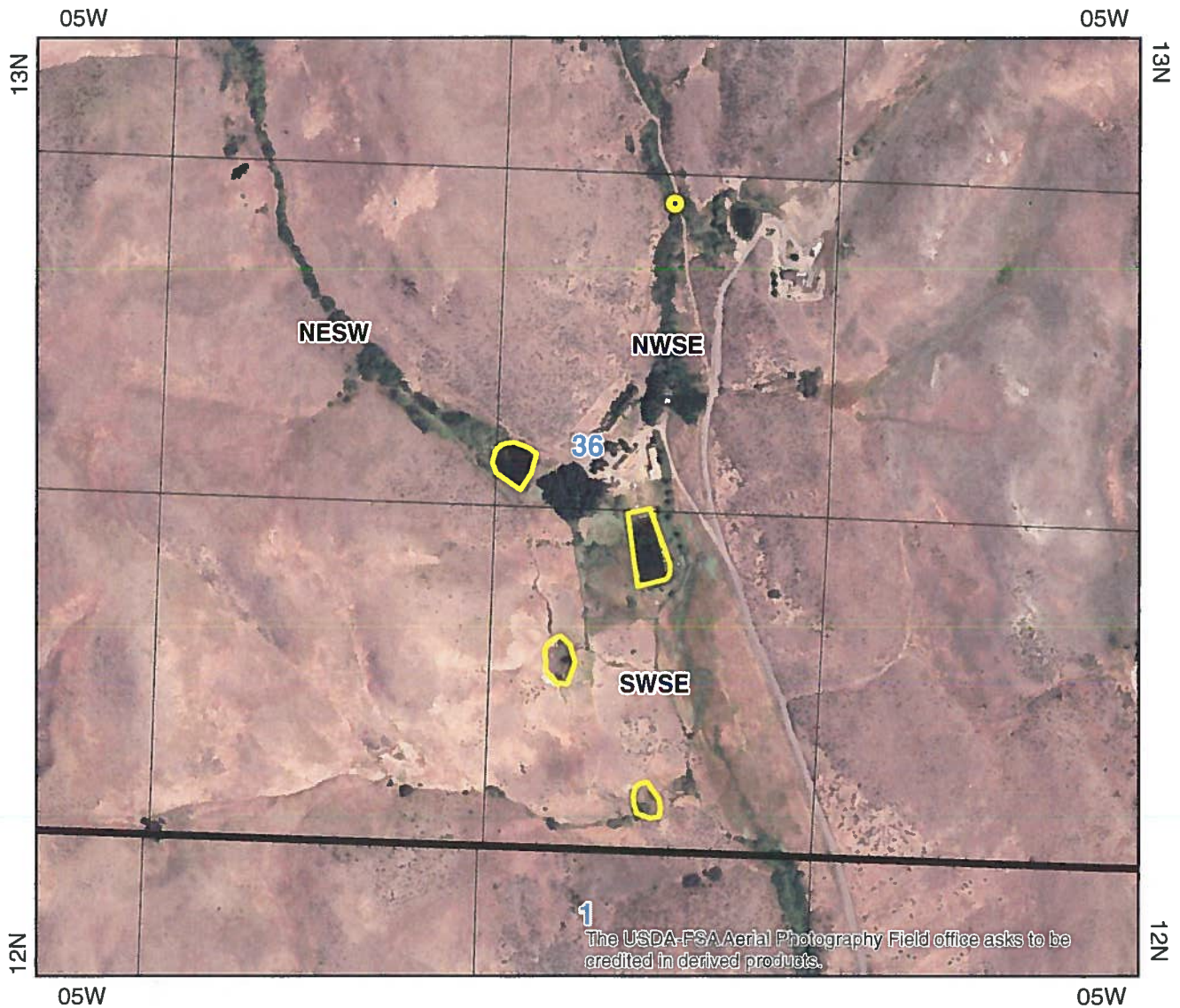
-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

0 0.075 0.15 0.3 Miles



State of Idaho
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This map depicts the STOCKWATER STORAGE and IRRIGATION STORAGE 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.



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

0 0.075 0.15 0.3 Miles



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Figure 1 The valve at the toe of the dam for the West 1 pond.



Figure 2 The pond known as West 2. The washed-out dam can be seen in the picture to the left.

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Figure 3 A closer look at the washed-out dam for West 2.



Figure 4 Another valve, this at the foot of the dam for West 2. When open, water from West 2 moves downslope to risers which are tied to the wheel line and used for irrigation.

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Figure 5 Looking north towards the Bass Pond from West 2.



Figure 6 The risers which tie into wheel lines for irrigation.

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Figure 7 The lockable lid at the diversion mechanism from Deer Creek.



Figure 8 The sliding headgate at the diversion from Deer Creek.

Pond	Surface Area (acres)	Max Depth (ft)	Capacity (afa)	Soil Type	Seepage Rate (ft/day)	Seepage Volume (afa)	Evap Volume (afa)
West 1	0.4	10	1.6	CL/CH	0.003	0.1	0.3
West 2	0.4	10	1.6	GC	0.2	8.6	0.3
West 3	0.3	12	1.4	GC	0.2	6.4	0.2
Bass Pond	0.8	10	3.2	CL/CH	0.003	0.3	0.6
1.9 Acres			7.8 afa			15.4 afa	1.4 afa

* seepage and evaporation were determined only for the period from 03/01 to 06/15

Volume required to keep ponds full during diversion to storage period of use:

Capacity + Seepage + Evaporation

$$7.8 + 15.4 + 1.4 = 24.6 \text{ afa}$$

$$\text{Permit Volume} = 10 \text{ afa}$$

BasinSequence	Owner	Source	Use
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67-14952	ROBIDOUX DEER CREE IRRIGATION FROI
67-14952	ROBIDOUX DEER CREE IRRIGATION STO
67-14952	ROBIDOUX DEER CREE STOCKWATER ST-
67-13270	UNITED ST. UNNAMED STOCKWATER
67-13293	UNITED ST. DEER CREE STOCKWATER
67-13293	UNITED ST. UNNAMED STOCKWATER
67-14790	BAGLEY, CI DEER CREE DOMESTIC
67-14790	BAGLEY, CI DEER CREE IRRIGATION
67-14790	BAGLEY, CI DEER CREE STOCKWATER
67-14790	BAGLEY, CI SPRINGS DOMESTIC
67-14790	BAGLEY, CI SPRINGS IRRIGATION
67-14790	BAGLEY, CI SPRINGS STOCKWATER
67-14791	BAGLEY, CI SPRING STOCKWATER
67-14927	MAXWELL, SPRINGS STOCKWATER

NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
													1.8	8.2		10
													X	X		
													X	X		
							X	X								
	X	X		X												
	X	X		X												
													X			
													1.5	8.5		10
													X			
													X			
													1.5	8.5		10
													X			
													X			
			X										X			



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

April 5, 2017

DAVID F ROBIDOUX
1827 DEER CREEK ROAD
WEISER, IDAHO 83672

RE: Scheduling Field Exam for Water Right Permit No. 67-14952

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **during the weeks of May 8th – May 26, 2017**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes a **diversion rate of 0.20 cfs for irrigation storage, irrigation from storage, stockwater storage, and diversion to storage use from Deer Creek, a tributary of Mann Creek**. If you have developed a beneficial use and still own the place of use property, please **contact me at your earliest convenience to schedule an examination**.

If you did not develop a beneficial use of water under the permit or if you did develop that use, but subsequently abandoned it, a license cannot be issued. Please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required). The permit will be voided if beneficial use under the permit was not developed or was developed, but is now abandoned and you do not relinquish the permit.

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days to either schedule an examination, submit a relinquishment, or submit an assignment. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Please call me at (208) 334-2190 if you have any questions. I appreciate your attention in this matter and I look forward to hearing from you.

Sincerely,

Aaron Skinner
Water Resource Agent

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Water Permit Report and Map