State of Idaho
Department of Water Resources

Water Right License

Water Right No. 67-8000

Priority: November 26, 1996

Maximum Diversion Rate: 0.38 CFS
Maximum Diversion Volume: 56.3 AF

It is hereby certified that:

KATHLEEN R CARTER 1955 HWY 95 WEISER ID 83673 AND/OR
RONNIE L CARTER 1955 HWY 95 WEISER ID 83673

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated October 09, 1996, and has submitted Proof of Beneficial Use on August 18, 2000. An examination confirms water is diverted from:

Source : UNNAMED STREAMS **Tributary:** SAGE CREEK

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	03/15 to 10/31	0.26 CFS	52.0 AF
STOCKWATER STORAGE	01/01 to 12/31		2.7 AF
IRRIGATION STORAGE	01/01 to 12/31		2.7 AF
IRRIGATION FROM STORAGE	03/15 to 10/31		2.7 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.12 CFS	
WILDLIFE STORAGE	01/01 to 12/31		4.3 AF

Location of Point(s) of Diversion
UNNAMED STREAMS NE¼ NE¼, Sec. 29, Twp 13N, Rge 04W, B.M. WASHINGTON County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	11.0			2.0													13.0

Total Acres: 13.0

Place of Use: STOCKWATER STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	X																

Place of Use: IRRIGATION STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	X																

Place of Use: WILDLIFE STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	X																

SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Water Right License

Water Right No. 67-8000

Place of Use: IRRIGATION FROM STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	11.0			2.0													13.0

Total Acres: 13.0

Conditions of Approval

1. This right authorizes total annual storage volume of 4.3 acre-feet, 2.7 acre-feet to be used for the initial filling or carryover storage of the pond and 1.6 acre-feet for the replacement of losses caused by seepage and evaporation.
2. The pond established by the storage of water under this right shall not exceed a total capacity of 2.7 acre-feet or a total surface area of 0.57 acres.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the place of use.
4. This right when combined with all other rights shall provide no more than 5.0 afa per acre for irrigation storage and irrigation from storage for the place of use.
5. No water shall be diverted under this right after June 15 of each year without prior approval of the watermaster.
6. Diversion of water after June 15 of each year in violation of the conditions of this water right is cause for the director to cancel or revoke this water right.
7. Use of water under this right may be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 67.
8. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

This license is issued pursuant to the provisions of Idaho Code § 42-219. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed this 14th day of July, 2023.

SCOTT STORMS
Water Rights Supervisor

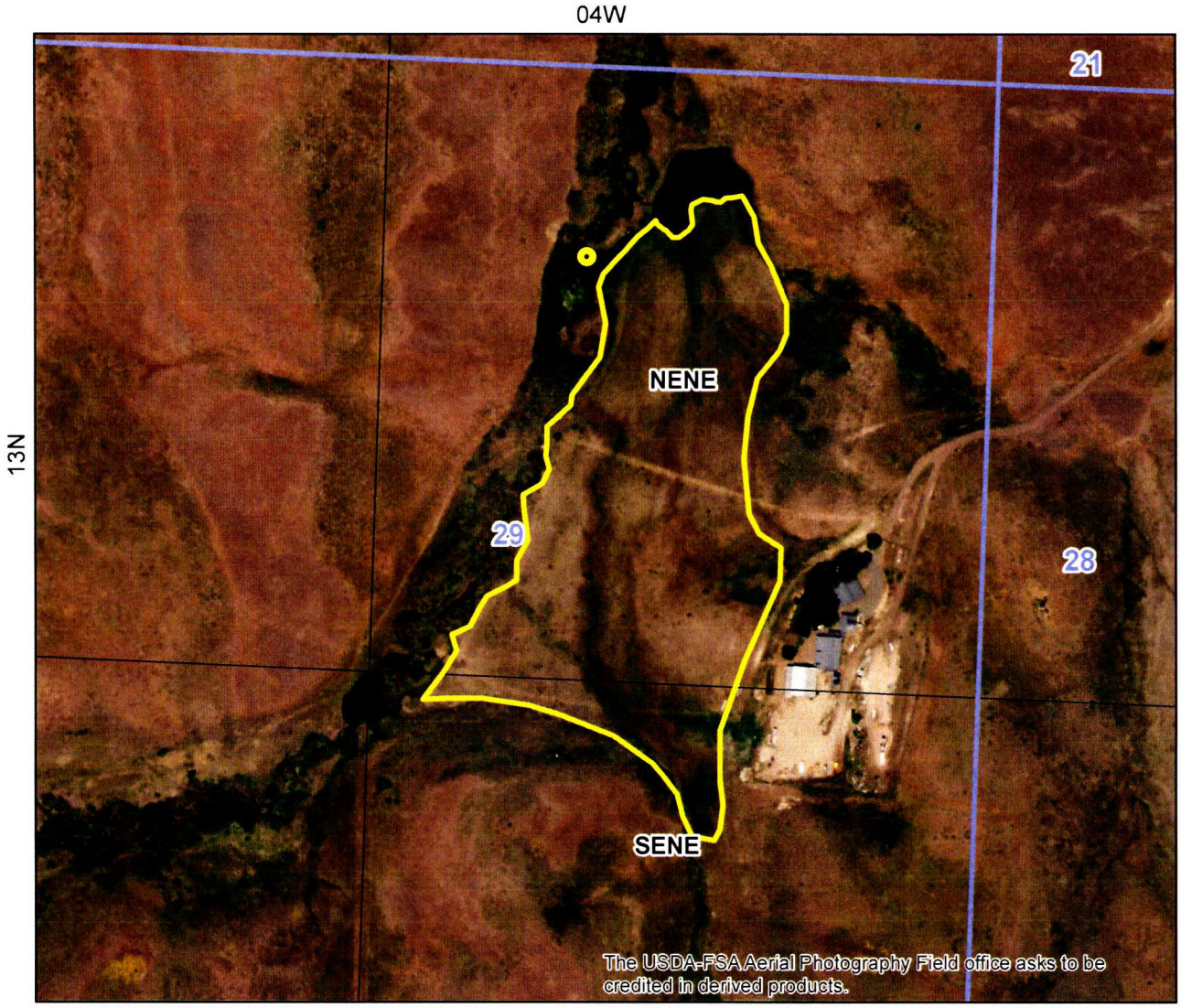
SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Attachment to Water Right

67-8000

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.



0 0.0475 0.095 0.19 Miles

Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters
Point of Diversion

N

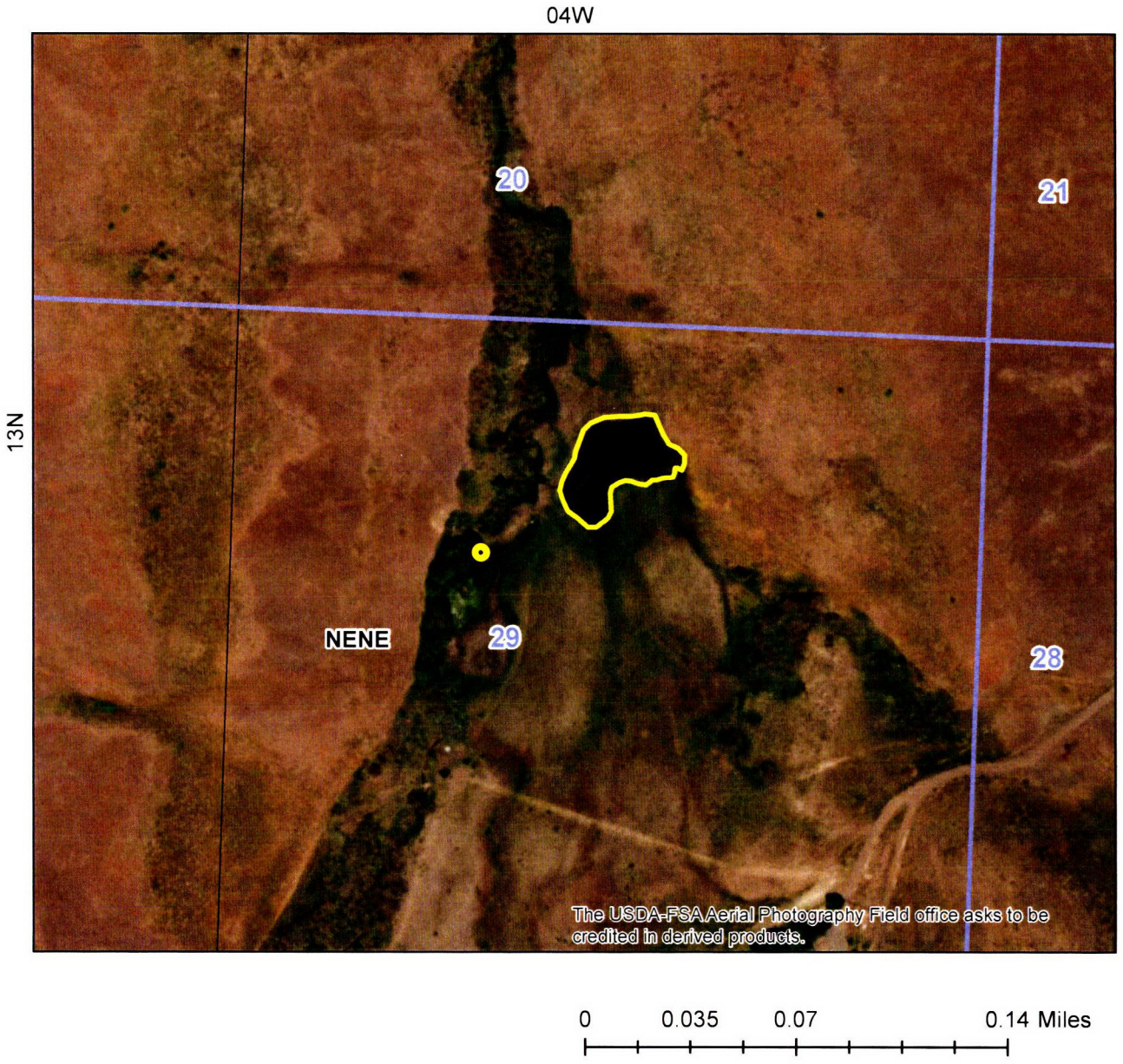
SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Attachment to Water Right

67-8000

This map depicts the STOCKWATER 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.



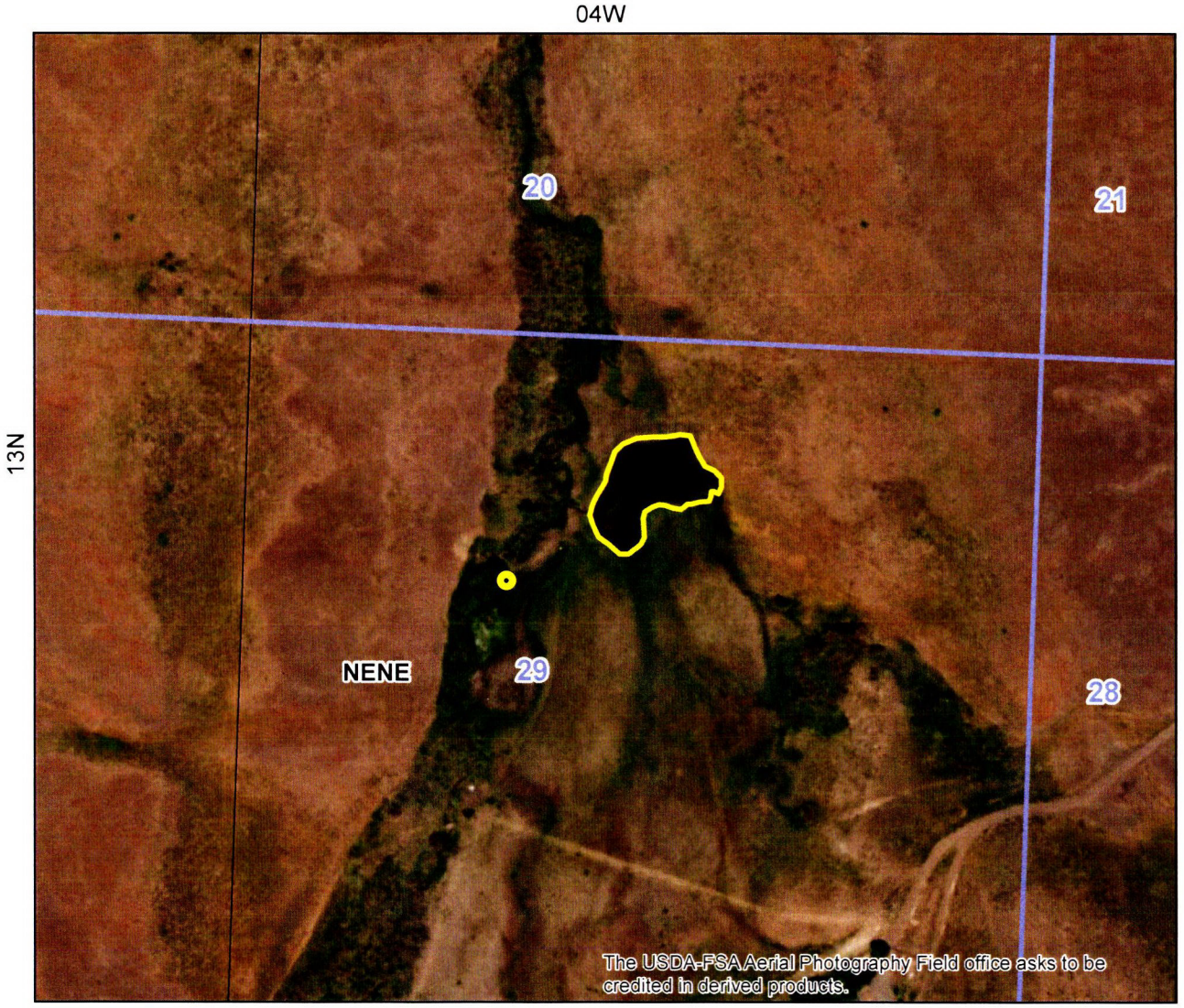
SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Attachment to Water Right

67-8000

This map depicts the 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.



0 0.035 0.07 0.14 Miles

Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters
Point of Diversion

N

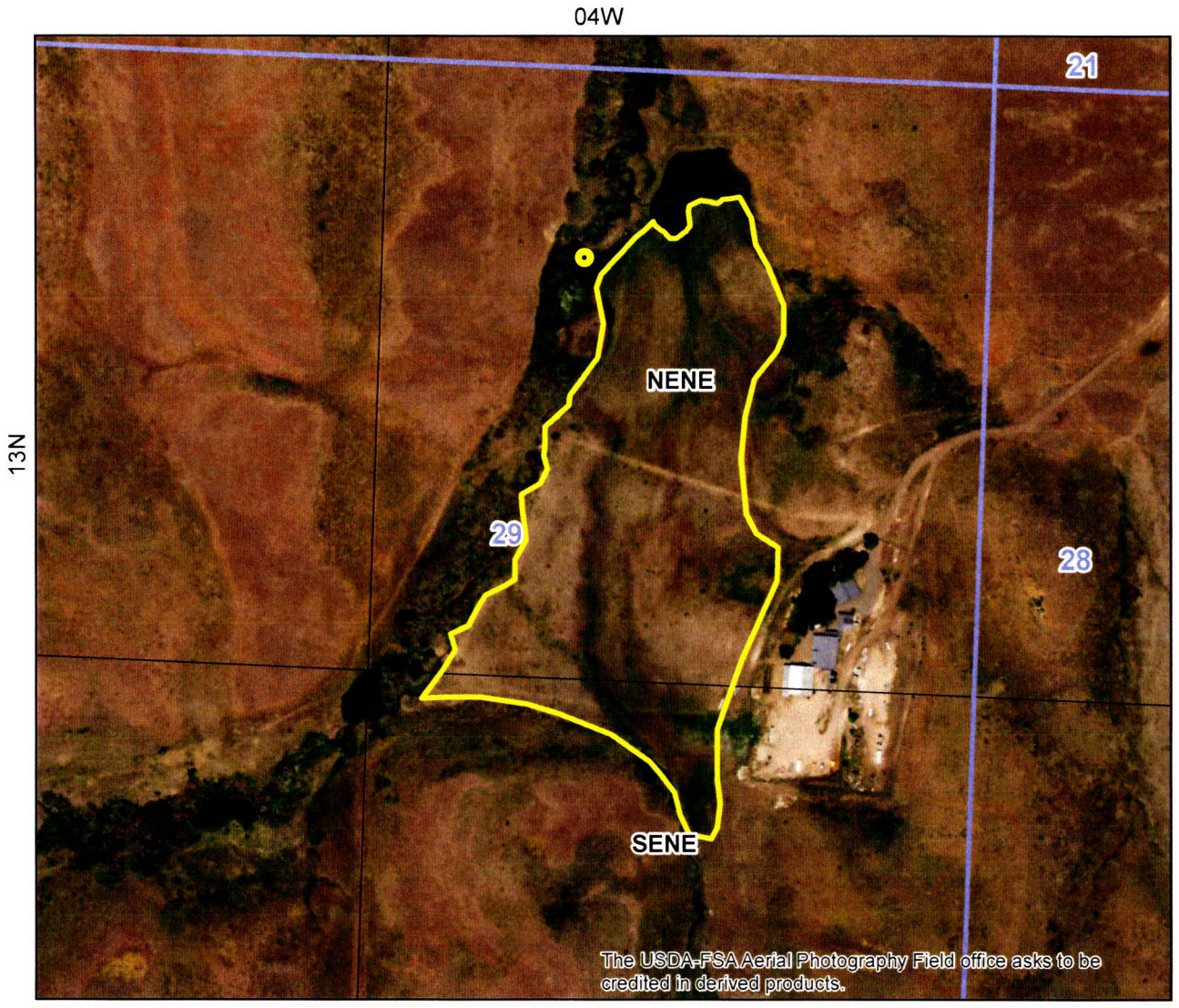
SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Attachment to Water Right

67-8000

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.



0 0.0475 0.095 0.19 Miles

Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters
Point of Diversion

N

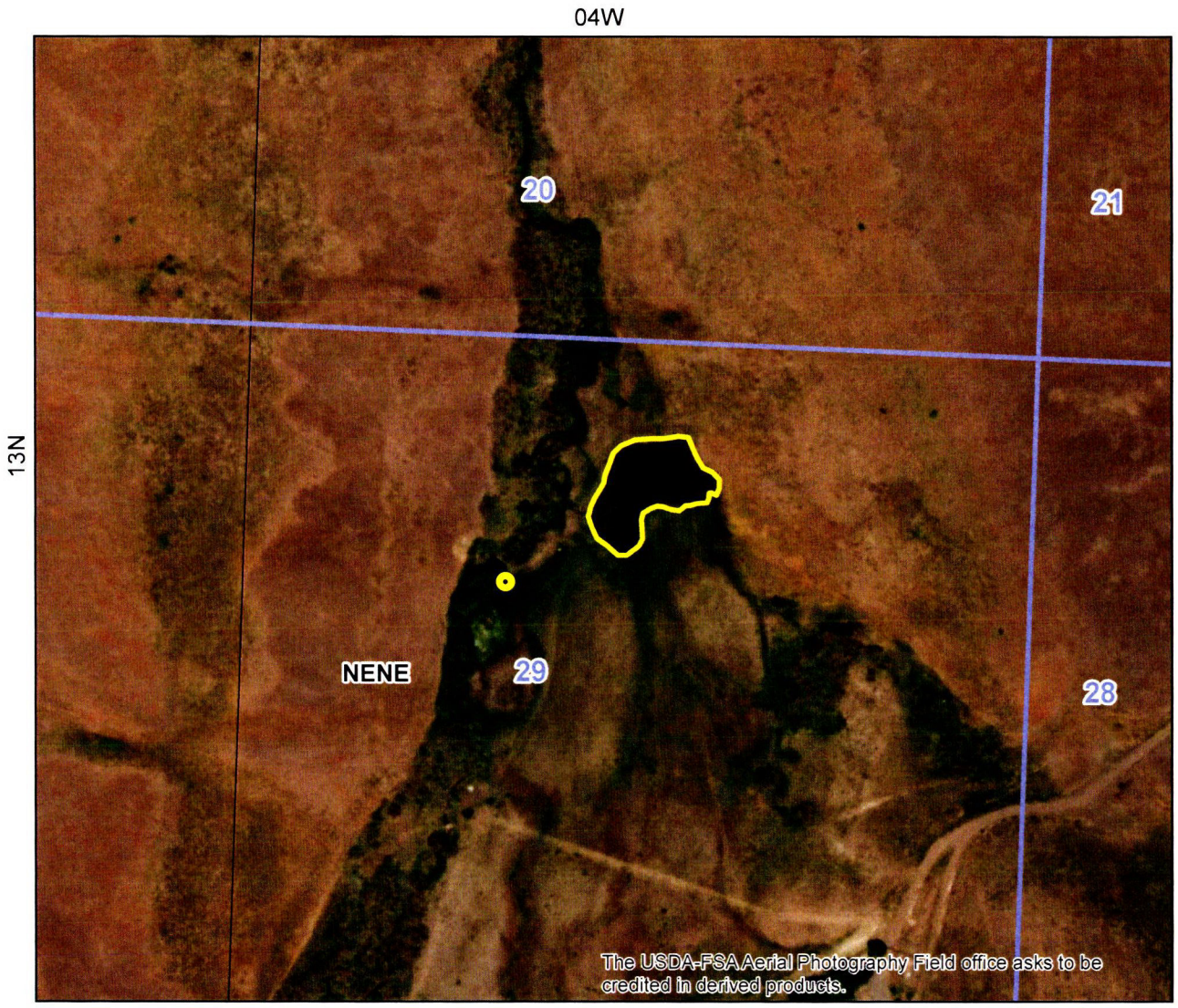
SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Attachment to Water Right

67-8000

This map depicts the WILDLIFE 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.



0 0.035 0.07 0.14 Miles

Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters
Point of Diversion

N

SCANNED
JUL 28 2023

RECEIVED
JUL 14 2023
WATER RESOURCES
WESTERN REGION

State of Idaho
Department of Water Resources

Application for Amendment

(For Licensing Purposes)
Water Right No. 67-8000

Priority: November 26, 1996

Maximum Diversion Rate: 0.38 CFS
Maximum Diversion Volume: 56.3 AF

The owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 67-8000

KATHLEEN R CARTER 1955 HWY 95 WEISER ID 83673 AND/OR
RONNIE L CARTER 1955 HWY 95 WEISER ID 83673

requests the permit be changed as follows:

Source : UNNAMED STREAMS **Tributary:** SAGE CREEK

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	03/15 to 10/31	0.26 CFS	52.0 AF
STOCKWATER STORAGE	01/01 to 12/31		2.7 AF
IRRIGATION STORAGE	01/01 to 12/31		2.7 AF
IRRIGATION FROM STORAGE	03/15 to 10/31		2.7 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.12 CFS	
WILDLIFE STORAGE	01/01 to 12/31		4.3 AF

Location of Point(s) of Diversion
UNNAMED STREAMS NE¼ NE¼, Sec. 29, Twp 13N, Rge 04W, B.M. WASHINGTON County

Place of Use: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	11.0			2.0													13.0

Total Acres: 13.0

Place of Use: STOCKWATER STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	X																

Place of Use: IRRIGATION STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	X																

Place of Use: IRRIGATION FROM STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	11.0			2.0													13.0

Total Acres: 13.0

Place of Use: WILDLIFE STORAGE

SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Application for Amendment

(For Licensing Purposes)
Water Right No. 67-8000

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	X																

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed this 12TH day of July, 2023.

Ronnie L Carter
(Signature)

SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Application for Amendment

(For Licensing Purposes)
Water Right No. 67-8000

FOR DEPARTMENT USE ONLY

Preliminary check by AB Fee = $100 Receipted by DM # W051390 Date 7-14-23

ACTION OF THE DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources hereby approves the above Application for Amendment for Permit No. 67-8000 with the following:

Conditions of Approval

1. This right authorizes total annual storage volume of 4.4 acre-feet, 2.7 acre-feet to be used for the initial filling or carryover storage of the pond and 1.6 acre-feet for the replacement of losses caused by seepage and evaporation.
2. The pond established by the storage of water under this right shall not exceed a total capacity of 2.7 acre-feet or a total surface area of 0.57 acres.
3. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the place of use.
4. This right when combined with all other rights shall provide no more than 5.0 afa per acre for irrigation storage and irrigation from storage for the place of use.
5. No water shall be diverted under this right after June 15 of each year without prior approval of the watermaster.
6. Diversion of water after June 15 of each year in violation of the conditions of this water right is cause for the director to cancel or revoke this water right.
7. Use of water under this right may be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 67.
8. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

This amendment is issued pursuant to the provisions of Idaho Code § 42-211.

Signed this 14th day of July, 2023.

SCOTT STORMS
Water Rights Supervisor

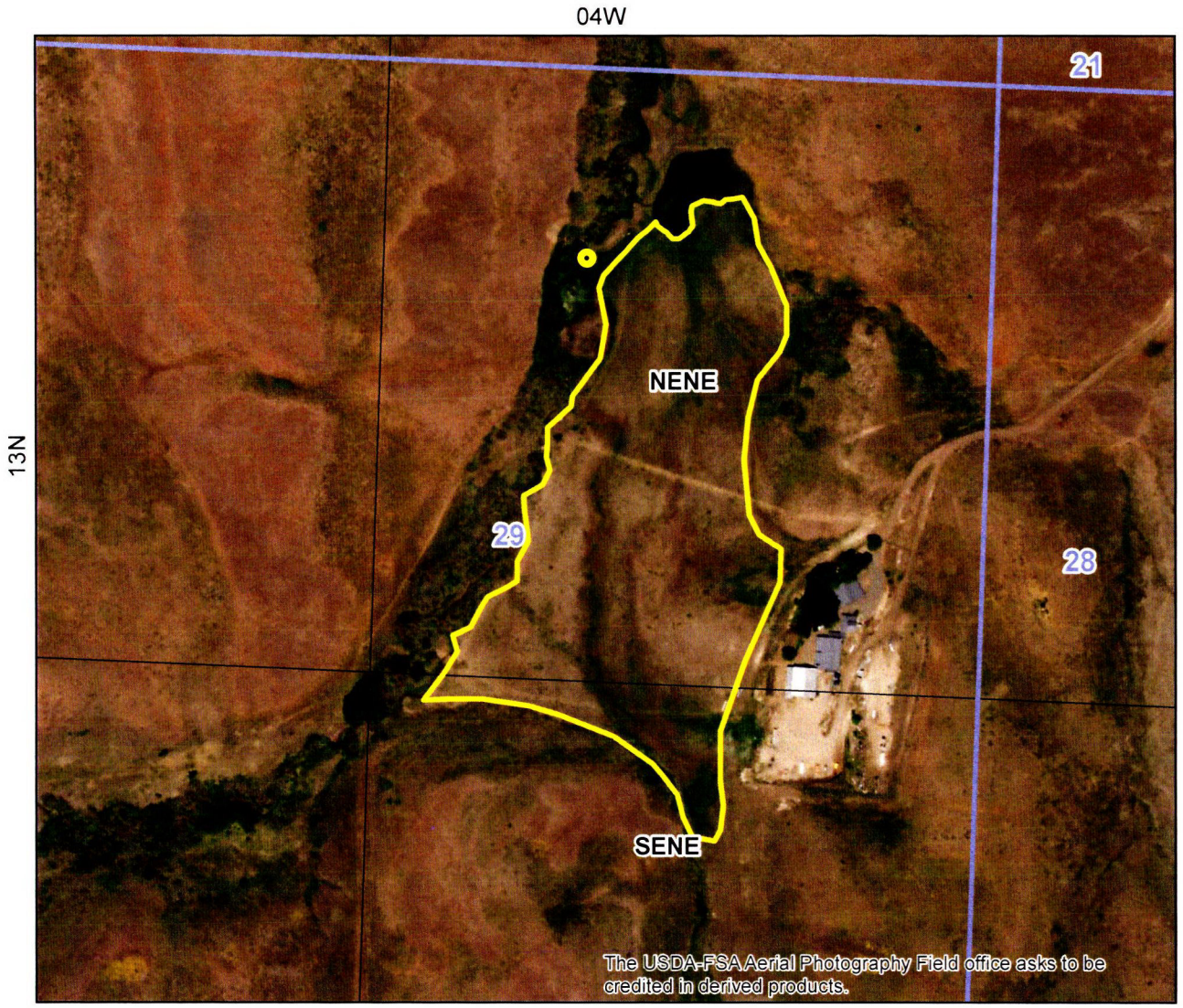
SCANNED
JUL 28 2023

State of Idaho
Department of Water Resources

Attachment to Water Right

67-8000

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.



0 0.0475 0.095 0.19 Miles

Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters
Point of Diversion

N

SCANNED
JUL 28 2023

IDAHO DEPARTMENT OF
WATER RESOURCES

Western Region • 2735 W Airport Way • Boise, ID 83705-5082
Phone: 208-334-2190 • Fax: 208-334-2348 • Email: westerninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

July 17, 2023

RONNIE L CARTER AND KATHLEEN R CARTER
1955 HWY 95
WEISER ID 83672-5567

RE: License No. 67-8000

ISSUANCE OF LICENSE

Dear Water Right Holder(s):

The Department of Water Resources ("Department") has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact me at (208) 605-4624.

Sincerely,

for Lynne Evans
Scott Storms
Water Rights Supervisor

Enclosure(s)

SCANNED
JUL 28 2023

CERTIFICATE OF SERVICE

I hereby certify that on July 17, 2023, I served a true and correct copy of Water Right License No. 67-8000 by U.S. Mail, postage prepaid, to the following:

RONNIE L CARTER (Current Owner)
1955 HWY 95
WEISER ID 83672-5567

KATHLEEN R CARTER (Current Owner)
1955 HWY 95
WEISER ID 83672-5567

KATHY SUMMERS (Watermaster)
WATER DISTRICT #67
PO BOX 829
WEISER ID 83672-0829

Lynne Evans
Administrative Assistant I

SCANNED
JUL 28 2023

EXPLANATORY INFORMATION TO ACCOMPANY A PRELIMINARY ORDER

(To be used in connection with actions when a hearing was **not** held)

(Required by Rule of Procedure 730.02)

The accompanying order or approved document is a "**Preliminary Order**" issued by the department pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action of the Department of Water Resources ("department") unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:**

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. **Note: the petition must be received by the department within this fourteen (14) day period.** The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after: (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the Department or the Water Resource Board is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the Department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

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JUL 28 2023

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

> Unless a different date is stated in a final order, the order is effective fourteen (14) days after its service date if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:
>
> (a) The petition for reconsideration is disposed of; or
> (b) The petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

i. A hearing was held,
ii. The final agency action was taken,
iii. The party seeking review of the order resides, or
iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

SCANNED
JUL 28 2023

State of Idaho
DEPARTMENT OF WATER RESOURCES
322 E FRONT ST STE 648 PO BOX 83720 • BOISE, ID 83720-0098
Phone: (208)287-4800 • Fax: (208)287-6700 • Website: www.idwr.idaho.gov

RECEIVED
JUL 14 2023
WATER RESOURCES
WESTERN REGION

June 30, 2023

KATHLEEN R CARTER
1955 HWY 95
WEISER ID 83673 AND/OR

RONNIE L CARTER
1955 HWY 95
WEISER ID 83673

RE: Water Right Permit No. 67-8000

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permit(s) referenced above prior to issuing water right license(s). By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit.

The examiner who verified your water use reported that certain elements of the permit(s) have been developed differently than described on your permit(s). Changes that do not increase the authorized use of water under the permit(s) can be requested and approved in accordance with Idaho Code § 42-211. Before license(s) can be issued, your permit(s) must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit(s):

____ Point(s) of Diversion

____ Place(s) of Use

__X__ Other – Change in Nature of Use

The permit originally authorized 2 AF of storage for irrigation storage, irrigation from storage, stockwater storage, and wildlife storage. The field examiner determined the fill volume of one pond to be 2.7 AF, and the other to be 0.5 AF for a total of 3.2. Additionally, to maintain the first pond at full level throughout the year for the stockwater storage and wildlife storage uses, losses due to evaporation and seepage also need accounted for. Those losses were determined to be 0.6 AF due to seepage, and 1 AF due to evaporation, for a total of 4.3 AF of storage necessary to maintain the pond full. After licensing of pond 2 at 0.5 AF, this leaves 1.5 AF remaining to be dedicated to pond 1, 2.8 AF less than what is needed to maintain the pond as full.

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JUL 28 2023

To accommodate this shortage of 2.8 AF, the attached amendment of permit proposes changing 0.9 acres of the 67 acres of undeveloped irrigation on the permit to irrigation storage, irrigation from storage, stockwater storage, and wildlife storage.

The enclosed Application for Amendment form(s) depicts the elements of the water right(s) as they will appear on the license(s) when issued. Please review the amendment form(s) carefully. If you concur with the information presented, please sign and return the form(s) with the filing fee of $100.00 within fourteen (14) days.

If you have any questions, please call me at (208) 605-4624.

Sincerely,

Allen Bradbury

Enclosure(s): Application for Amendment

cc:

SCANNED

JUL 28 2023

RECEIVED

JUL 14 2023

WATER RESOURCES
WESTERN REGION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 67-8000
Exam Date: 05/08/2017

1. Current Owner:
   KATHLEEN R CARTER 1955 HWY 95 WEISER ID 83673 AND/OR
   RONNIE L CARTER 1955 HWY 95 WEISER ID 83673

2. Accompanied by: RONNIE L CARTER
   Phone No: (208) 355-6388
   Address: 1955 HWY 95 WEISER ID 83673
   Relationship to Permit Holder: Owner

3. **SOURCE:** UNNAMED STREAMS — **Tributary** SAGE CREEK

Method of Determination: Field exam and aerial imagery

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
UNNAMED STREAMS NE¼ NE¼, Sec. 29, Twp 13N, Rge 04W, B.M. WASHINGTON County

Method of Determination: Field exam and aerial imagery.

PLACE OF USE: IRRIGATION and IRRIGATION FROM STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	11.0			2.0													13.0

Total Acres: 13.0

PLACE OF USE: STOCKWATER STORAGE, IRRIGATION STORAGE, and WILDLIFE STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	04W	29	X																

Method of Determination: Field exam and aerial imagery.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.
X Indicate weir size/pipe as applicable.

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be
X 1:24,000 or greater.

X Aerial Photo Attached (required for irrigation of 10+ acres).

X Photo of Diversion and System Attached

4.

Diversion Type	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
Trash Pump	Honda	4	GCRPS2121GC	Predator	2"

SCANNED
JUL 28 2023

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements: The diversion to storage is maximized at 55 gpm during spring runoff per Ron's comments during the field exam visit. Irrigation from storage is limited to the irrigation system and 4 Hp pump rated at 158 gpm capacity. This equates to 0.35 cfs. Department standards limit the instantaneous flow to 0.02 cfs/acre. Thus, 13 acres X 0.02 cfs totals 0.26 cfs and is recommended.

E. FLOW CALCULATIONS

X Additional Computation Sheets Attached

Measured Method: Flow Calculation Through a Pipe Using Trigonometry. For complete calculation see attached sheet.

Discharge (D): $D = AV \rightarrow 0.075\ ft^2 \times 21.40\ {}^{ft}/_{sec} = \mathbf{1.60\ cfs}$

F. VOLUME CALCULATIONS

Pond 1 Analysis:
Pond Capacity = 2.7 AF
Seepage Loss = 0.6 AF
Evaporation Loss = 1.0 AF
Total Volume = **4.3 AF**

1. Volume Calculations for Irrigation:

$V_{I.R}$ = (Acres Irrigated) x (Irrigation Requirement) = 13 acres X 4.0 headgate requirement = 52 AF

$V_{D.R}$ = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = 0.26 cfs X 231 days X 1.9835 = 119 AF

V = Smaller of $V_{I.R}$ and $V_{D.R}$ = **52 AF**

2. Volume Calculations for Irrigation Storage and Irrigation from Storage (Pond 1):

$V_{IS.R}$ = Pond Surface Area x Average Depth = 0.57 acres X 4.8'. = 2.7 AF

$V_{D.R}$ = None

V = Smaller of $V_{I.R}$ and $V_{D.R}$ = **2.7 AF**

3. Volume Calculations for Stockwater Storage and Wildlife Storage:

$V_{I.R}$ = Pond Surface Area x Average Depth + Seepage and Evaporation = 0.57 acres X 4.8' + 0.6 AF + 1.0 AF = 4.3 AF

$V_{D.R}$ = None

V = Smaller of $V_{I.R}$ and $V_{D.R}$ = **4.3 AF**

G. NARRATIVE/REMARKS/COMMENTS

On September 13, 2000, Ronnie and Kathleen Carter submitted a proof of beneficial use for water permit 67-8000. IDWR taxlot data from 7/23/2019 show that the Carter Ronnie Lynn Trustee (as of 2022 the Carter Family Living Trust) is the current owner of the property at 1955 Hwy 95 in Weiser Idaho. The field exam was conducted by water resource agent Aaron Skinner and current owner Ron Carter on May 8, 2017. The field exam write-up was completed by water resource agent, sr., Allen Bradbury.

System Description:

The original permit 67-8000 authorized a diversion rate of 1.60 cfs for irrigation, irrigation from storage, stockwater, stockwater storage, wildlife, and wildlife storage from two different unnamed streams that are tributaries of the Weiser River on 80 acres of land. However, because the two ponds are not hydraulically connected the water right was split (67-8000 and 67-15185) to describe each storage use separately.

Water right 67-8000 includes 13 acres and a 2.7 AF pond (pond 1) that provide storage for irrigation,

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stock water, and wildlife. Water is diverted from an unnamed stream through an 8-inch pipe to fill the pond. A spillway on the west side of the pond returns any overflow back into the unnamed stream. Water is pumped out of the pond with a 4 Hp trash pump to supply 2-inch hand lines for irrigation of the 13 acres.

Pond 1 is typically full year-round; the summer refill rate is 55 gpm (0.12 cfs) as per discussion with Ron Carter. The pond has a surface area of 0.57 acres and a maximum depth of 12 feet. Department standards suggest multiplying the maximum depth by 0.4 to calculate the average depth, which gives pond 1 an average depth of 4.8 feet. Therefore, the total capacity of pond 1 is 2.7 AF (see attached spreadsheet). The pond requires 1 AF for evaporation and 0.6 AF for seepage each year with a total volume of 4.3 AF. The initial fill and consumptive uses are tied in with the wildlife storage component, therefore a volume of 4.3 af is recommended.

The permit originally authorized only 2 AF of irrigation storage/irrigation from storage and 2 AF of stockwater storage and wildlife storage. Pond 1 was determined to have a fill capacity of 2.7 AF and pond 2 was determined to have a full volume, including fill volume and losses due to evaporation, of 0.5 AF, for a total of 3.2 AF. Furthermore, if pond 1 is to remain full for stockwater and wildlife use throughout the year, losses due to evaporation and seepage also need accounted for. Those losses were determined to be 0.6 AF of losses due to seepage and 1 AF due to evaporation, for a total pond volume of 1.6 AF + 2.7 AF = 4.3 AF. If pond 2 were licensed after the split (67-15185) at 0.5 AF, this leaves 1.5 AF remaining for pond 1 (67-8000), or 2.8 AF less than what is needed to maintain pond 1 as full throughout the year. The permit also originally authorized 80 acres of irrigation but only 13 acres were developed. As such, an amendment of permit is recommended to change the nature of use for a portion of the undeveloped irrigation component to Irrigation storage/irrigation from storage, stockwater storage and wildlife storage. If the necessary volume of water needed to maintain the pond full year-round is another 2.8 AF, using the standard 3 AF consumptive use volume for the area for irrigation, 0.9 acre of irrigation would need changed to storage to fulfill the required volume. The permit holder was provided with an amendment of permit to make this change in nature of use.

The irrigation from storage component is used when the unnamed stream is not flowing. The diversion to storage can be up to 1.60 cfs for the irrigation component, with the typical summer refill rate of 0.12 cfs (55 gpm), therefore a rate of 0.12 cfs is recommended for diversion to storage. Due to the pond being full year-round, a permit amendment for the storage component is recommended.

Irrigation from storage is limited by the irrigation systems' capacity. The 4 Hp pump is rated at 158 gpm (see attached pump specifications) which equates to 0.35 cfs. Department standards limit the instantaneous flow to 0.02 cfs/acre. Therefore, the Department standard (13 acres X 0.02 cfs) of 0.26 cfs is recommended.

Since the pipe was determined to be capable of carrying more than the total of the diversion to storage rate and the direct flow irrigation rate, the two rates should be additive to explain how the pipe can carry both the direct flow irrigation water and additional flow for diversion to storage all at once.

The signed permit amendment was received on July 14, 2023.

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Conditions:

After the field exam condition 01J was recommended to be waived because the applicant would not be able to comply. Condition 01J required a measuring device and lockable controlling works for Sage Creek. Water Master Brandi Horton-Bonner acknowledged condition 01J be waived and commented that it is not a regularly monitored creek and is dried up by mid- June.

Conditions 086 and 087 retained.
Condition R04 was replaced with condition R05 as per Department standards.
Condition R70 was added for storage duty of water.
Conditions 219 and 220 were added.
Condition noting "two points of diversion" removed to reflect field exam findings.
Condition 26A was removed as per Department standards.
Condition 120 was replaced with condition 103 as per Department standards.

Have conditions of permit approval been met? X Yes ____ No

01J was originally used in the permit but has been waived.

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	03/15 to 10/31	0.26 CFS	52.0 AF
STOCKWATER STORAGE	01/01 to 12/31		2.7 AF
IRRIGATION STORAGE	01/01 to 12/31		2.7 AF
IRRIGATION FROM STORAGE	03/15 to 10/31		2.7 AF
DIVERSION TO STORAGE	01/01 to 12/31	0.12 CFS	
WILDLIFE STORAGE	01/01 to 12/31		4.3 AF
	Totals:	0.38 CFS	56.3 AF

2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above X None

____ Change P.U. as reflected above ____ Add P.U. as reflected above X None

X Other change as reflected above ____ Add as reflected above ____ None

I. AUTHENTICATION

Allen Bradbury - Water Resource Agent, Sr.

Field Examiner's Name Allen Bradbury Date 7/14/23

Reviewer _____ Date 7/14/2023

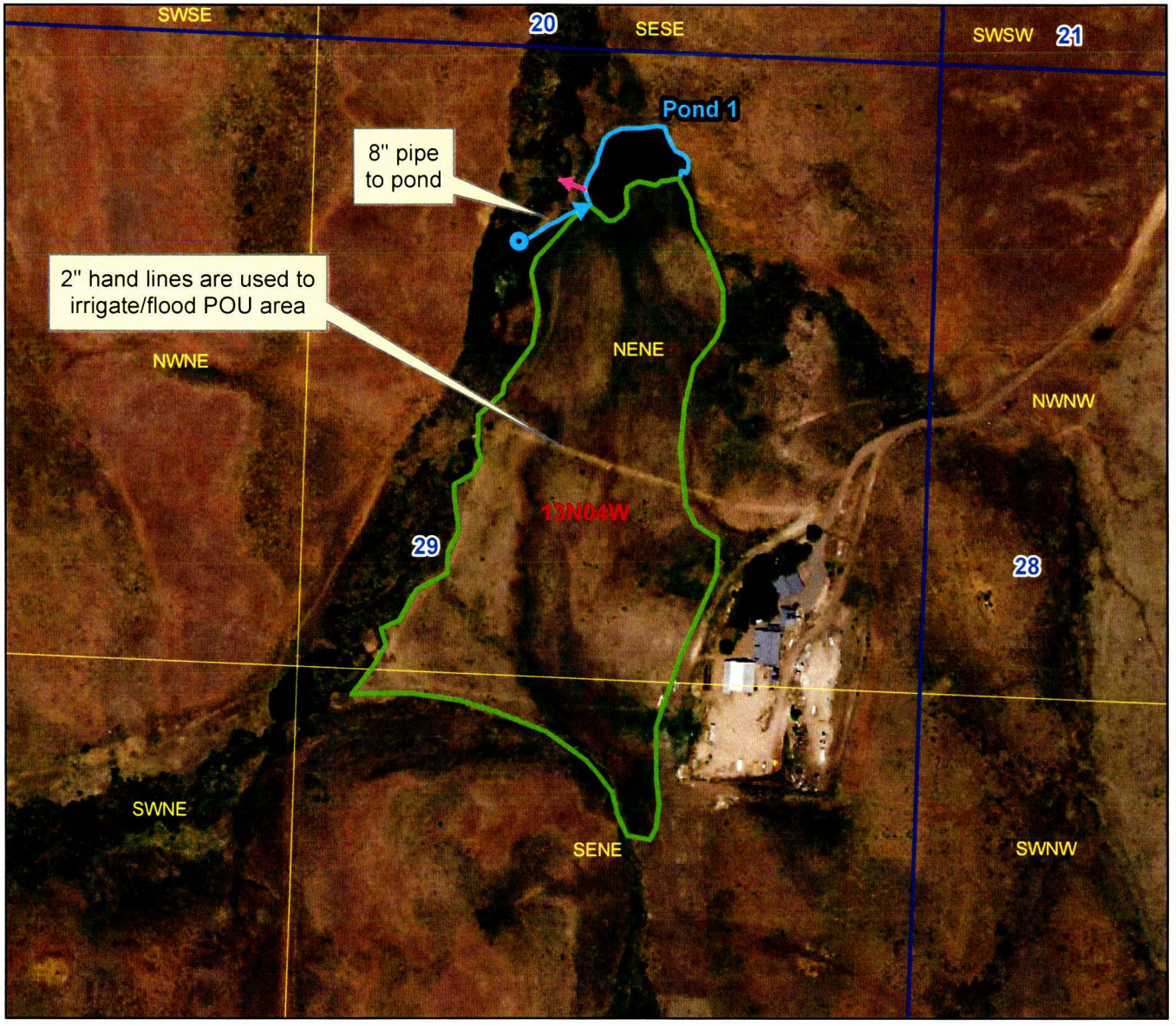
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State of Idaho
Department of Water Resources

System Description

Water Right Permit No. 67-8000

This map depicts the IRRIGATION, STOCKWATER, WILDLIFE, STOCKWATER STORAGE, and WILDLIFE 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
- Return to Source
- 8" Buried Pipe
- Irrigation
- Storage Pond

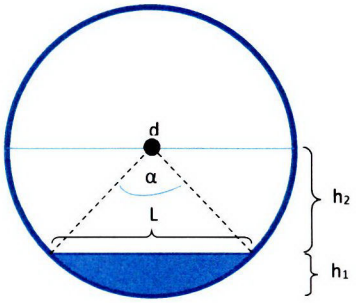
0 — 0.1 — 0.2 Miles

N

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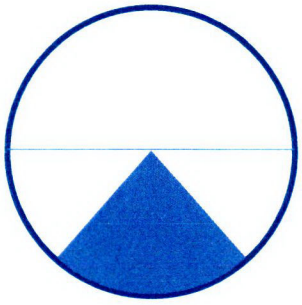
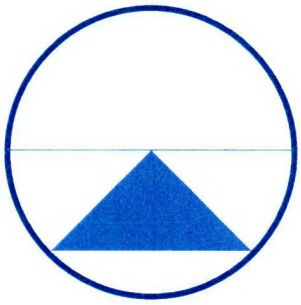
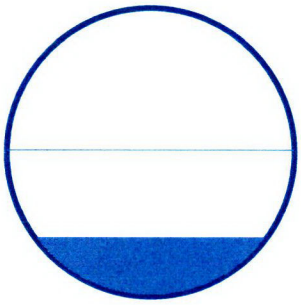
Flow Calculation Through a Pipe Using Trigonometry

Area (A) –



d = 0.67 ft.
r = 0.335 ft.
h_1 = 0.2 ft. (measured)
$h_2 = r - h_1$ = 0.135 ft.
L = 0.67 ft. (measured)

$$\tan(0.5\alpha) = \frac{\frac{1}{2}L}{h_2}, \qquad \alpha = 123.4°$$

Sector		*Triangle*		
	-		=	
$\frac{\alpha}{360}\pi r^2$	-	$\frac{1}{2}Lh_2$	=	*Area*
0.12 ft²	-	*0.045 ft²*	=	***0.075 ft²***

Velocity (V) –

Distance Traveled = 200 ft. (measured pipe)
Travel Times
T_1 = 9.35 sec.
T_2 = 9.67 sec
T_3 = 9.41 sec
} ***Average Time = 9.48 sec***

$200\ ft./9.48\ sec. = 21.10\ ^{ft}/_{sec}$

Discharge (D) –

$D = AV \rightarrow 0.075\ ft^2 \times 21.40\ ^{ft}/_{sec} = 1.605\ cfs$

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Overlap Analysis for Permit No. 67-8000 POD

13N04W29

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Right	67-13258	N	UNITED STATES OF AMERICA ACTING THROUGH	UNNAMED STREAM				X							X		X		X			
Water Right	67-8000	Y	CARTER, KATHLEEN R; CARTER, RONNIE L	UNNAMED STREAMS		X																

Overlap Analysis for Permit No. 67-8000 POU

13N04W29

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
Water Right	67-13258	N	UNITED STATES OF AMERICA ACTING THROUGH	UNNAMED STREAM	STOCKWATER			X					X	X	X	X	X		X			
Water Right	67-8000	Y	CARTER, KATHLEEN R; CARTER, RONNIE L	UNNAMED STREAMS	IRRIGATION	11			2													13
Water Right	67-8000	Y	CARTER, KATHLEEN R; CARTER, RONNIE L	UNNAMED STREAMS	IRRIGATION FROM STORAGE	11			2													13
Water Right	67-8000	Y	CARTER, KATHLEEN R; CARTER, RONNIE L	UNNAMED STREAMS	IRRIGATION STORAGE	X																
Water Right	67-8000	Y	CARTER, KATHLEEN R; CARTER, RONNIE L	UNNAMED STREAMS	STOCKWATER STORAGE	X																
Water Right	67-8000	Y	CARTER, KATHLEEN R; CARTER, RONNIE L	UNNAMED STREAMS	WILDLIFE STORAGE	X																

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Seepage Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total annual seepage losses from a pond.

FILE NUMBER	67-8000
REVIEWER	Aaron Skinner
DATE	11/1/2017

User Input
Calculated value
Formula Explanations

INPUTS

Pond Surface Area (AC.)	0.57	AC.
Pond Surface Area (SQ. FT.)	24829	SQ. FT.

I used the following method to obtain my Soil Classification information:	NRCS Web Soil Survey	
My Soil Classification is	CL	
Suggested Seepage Rate (FT./DAY)	0.0030	FT./DAY

Formula: (Surface Area X Seepage Rate) X 7.48 = Gallons Per Day Loss

Convert to GPD	557	GPD
Total Seepage Loss (AFA)	0.6	AFA

Though sand and gravel seepage rates may actually be higher, the maximum allowable rate is 0.2 ft/day, pursuant to Administrative Memo "Seepage Loss Standards for Ponds and Reservoirs."

Suggested Seepage Rates for Different Soil Types:
GW, GP, GM, GC, SW, SP and SM (silty sand, sand silt mixtures and gravel mixtures) = **0.2 ft per day**
OL and ML (inorganic silts - very fine sands, silty, or clayey fine sands) = **0.02 ft per day**
SC (clayey sands, sand clay mixtures) = **0.007 ft per day**
CL (Low to medium plasticity clays) = **0.003 ft per day**
MH, OH, PT and CH (high plasticity clays) = **0.0003 ft per day**
LINED PONDS (liners can be chemical, fabric, or bentonite) = **0 ft per day**
Ponds Intercepting Groundwater (excavated ponds filled by ground water) = **0 ft per day**

PLEASE NOTE: The initial basis for the Suggested Seepage Rates in the table above is found on Page 16 of Seepage from Fish Ponds, Bulletin 599, August 1989 Alabama Agricultural experiment Station, Auburn University, Auburn University Alabama. If you don't know the soil type, please refer to the map provided at the NRCS Web Soil Survey (Tab #1) , an ArcMap Soil Classification Map (Tab #1.1), or published NRCS Soil Survey (Tab #1.2) . Use "0" if the pond fill relies on the water table.

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Evaporation Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the annual evaporation losses from a pond.

FILE NUMBER	67-8000
REVIEWER	Aaron Skinner
DATE	11/1/2017

User Input
Calculated value
Formula Explanations

The acronyms used on the Kimberly Research Center website are defined below:
P = Precipitation
ET= Evapotranspiration
P_d = Precipitation deficit
P_d =ET-P

USING THIS SPREADSHEET

Use the link below to access the Kimberly Research Center website. This website provides the Precipitation Deficit for a station most representative of the pond under examination. The Precipitation Deficit is the total amount of free water surface evaporation minus the precipitation for a given area, which gives the total amount of evaporative losses incurred by the pond. There are several weather sites that are used throughout the state. IDWR staff can find the nearest site using Arc Map. The shape file containing the sites can be found at X:/Spatial/Climate/ETIdahostations.shp.

Instructions:

1. Use the link below to navigate to ET Idaho 2012.
2. Select the station which is most representative to your pond location.
3. Click Submit Query.
4. Under "Land Covers with Evapotranspiration Estimates," select "Open Water - Shallow Systems (ponds, streams)" or "Open Water - small stock ponds" depending on the pond size.
5. Click the link to "Precipitation Deficit."
6. Reference and copy (ctrl + C) the first subheading "Mean" values.
7. Click the "Paste Values from ET Idaho" button. The table will automatically enter a zero (0) for any

Found at: http://data.kimberly.uidaho.edu/ETIdaho/

Precipitation Deficit

Station: **Cambridge (NWS -- 101408)**

Month	mm/day[1]	*Days per month*	mm/Month
Jan	-1.98	31	0.00
Feb	-1.49	28	0.00
March	-0.04	31	0.00
April	1.72	30	51.60
May	2.20	31	68.20
June	3.18	30	95.40
July	4.27	31	132.37
August	3.58	31	110.98
September	2.23	30	66.90
October	0.69	31	21.39
November	-1.77	30	0.00
December	-2.80	31	0.00

Total mm/year = 546.84

PLEASE NOTE: The seasonal average for precipitation deficit should not be used for calculations because precipitation often exceeds evaporation during wetter months of the year. If the pond is kept full, excess precipitation during wetter months does not serve to refill the pond during drier months.

For example, see Sandpoint KSPT (NWS -- 108137), the annual precipitation deficit is -106 mm. However, April through September have positive precipitation deficit values. To properly estimate the annual volume of water necessary to refill a pond due to evaporation losses, the table will automatically enter a zero (0) for each month that the precipitation value is reported as a negative value.

As described above, precipitation offsets evaporation in winter months, so the net effect is that wintertime precipitation deficit is usually zero.

[(mm/yr) ÷ (convert to feet)] X (Surface area of pond, in acres) = Evaporation Loss in Acre Feet

(546.84 ÷ 304.8) X 0.57 = 1.0 AFA

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Total Storage Calculations

FILE NUMBER	67-8000
REVIEWER	Aaron Skinner
DATE	11/1/2017

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total seepage, evaporation and fill capacity required for a pond.

User Input
Calculated value
Formula Explanations

Surface Area (AC.)	0.57	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	4.8	"Average Pond Depth" depicts the actual depth of the pond either measured or estimated. Note: If you know the maximum depth and not the average depth, the Field Examiner's Handbook suggests multiplying the maximum depth by 0.4 to get the average depth, or you can use any method that seems reasonable to attain average depth.
Pond Capacity (AF)	2.736	Pond Capacity is calculated by multiplying the Pond Surface Area by the Average Pond Depth. If you know the capacity, divide the capacity by surface area and enter the average pond depth in the space above. Note: If pond capacity is determined using a method shown on the "Pond Capacity" sheet, the user may need to modify the value of "Pond Capacity" (cell B9) manually. Note that if the value is modified manually, the formula will be altered for future use.
Multiple Fill Volume Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (AF)		The "Multiple Fill Volume Above Initial Fill" is the acre-feet of water required to meet a *from storage* component if the *from storage* component exceeds a one time fill. This section should not include the amount of water needed to fill the pond initially or the amount of water needed to maintain the pond level due to evaporation or seepage. For example: if a pond has a capacity of 5 acre feet and 2.5 acre feet of seepage and evaporation, but the pond is used for irrigation that requires 10 acre feet of from storage for the irrigation use, then you would insert 5 acre feet into this location (10 acre feet needed - 5 acre feet from the initial fill = 5 acre feet of additional storage needed). Note: You must have a "From Storage" component exceeding the initial fill on the permit to include a volume in this space.
Estimated Seepage Loss (AF)	0.6	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	1.0	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	4.4	The "Total Volume Required" is calculated by adding the Pond Capacity, Multiple Fills, Seepage Loss, and Evaporation Loss amounts to determine the total amount of storage required.

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Flow Rate into Pond (CFS)	**0.35**	The "Flow Rate into Pond" depicts the actual flow, either measured or estimated, into the pond. For offstream facilities, this will be equivalent to "diversion to storage" rate.
Highest Daily Evaporation Rate From Evaporation Tab. (mm/Day)	**4.27**	This number is carried over from the "Evaporation Loss" sheet. It is the highest recorded number in the "Precipitation Deficit Table".
Required Daily Maintenance Volume (AF/Day)	**0.01**	"Required Daily Maintenance Volume" is the maximum volume of water needed on any given day during the year to maintain pond volume. It is calculated by adding the highest daily evaporation loss to the average daily seepage loss in acre feet. The average daily seepage loss is calculated by dividing the "Estimated Seepage Loss" by 365 days. This is acceptable, since the seepage rate shouldn't vary throughout the season unless the pond completely freezes over during the winter months. The highest daily evaporation loss is calculated by dividing the Highest Daily Evaporation Rate by the 304.8 conversion factor and multiplying this number by the pond surface area to attain a combined daily acre feet requirement.
Minimum Maintenance Flow (CFS)	**0.00**	The "Minimum Maintenance Flow" is the minimum amount of flow required to maintain the level of the pond. This number is determined by dividing the "Maximum Required Daily Maintenance Volume" by 1.9835. This flow can be used to determine if the flow rate into the pond is adequate to maintain the pond level.
Days Required to Fill the Pond	**4**	The "Days Required to Fill the Pond" is calculated by dividing the "Pond Capacity" by the "Flow Rate" minus "Minimum Maintenance Flow" multiplied by 1.9835. This section will assist you in determining if the flow rate being diverted to the pond is adequate to fill the pond while maintaining the pond level. The length of time to fill the pond will help determine if the flow rate is adequate for the size of pond being proposed. If this number is *approximately* 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond.
Days Required to Fill the Pond at 13,000 Gallons per Day	**91**	Some water users may want to fill a pond under the 13,000 gallons per day domestic exemption. The "Days Required to Fill the Pond at 13,000 Gallons per Day" is calculated by converting the "Pond Capacity" and the "Required Daily Maintenance Volume" to gallons. The "Pond Capacity" is then divided by 13,000 gallons minus the "Required Daily Maintenance Volume" in gallons to determine the number of days to fill pond. If this number is *approximately* 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond. Negative values indicate that the supply of 13,000 gallons per day is not enough volume to overcome the required daily maintenance volume; the pond will never fill.

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USDA United States Department of Agriculture Natural Resources Conservation Service

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A A A

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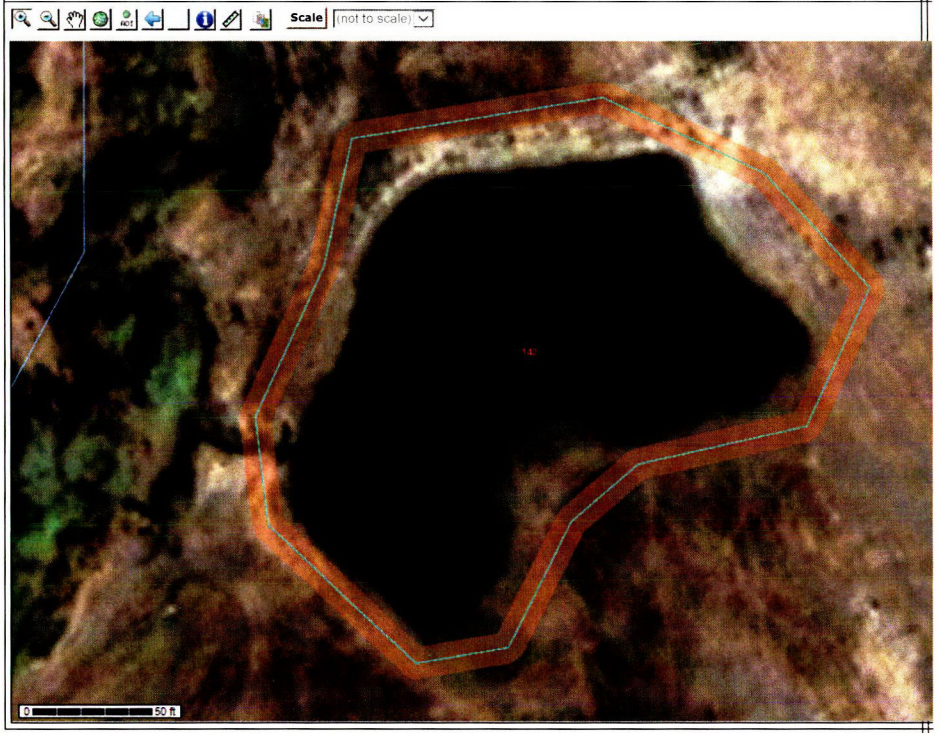
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- Vegetative Productivity
- Waste Management
- Water Features
- Water Management

Soil Map



Report — Engineering Properties

Absence of an entry indicates that the data were not estimated. The asterisk '*' denotes the representative texture; other possible textures follow the dash. The criteria for determining the hydrologic soil group for individual soil components is found in the National Engineering Handbook, Chapter 7 issued May 2007(http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=17757.wba). Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Adams-Washington Area, Parts of Adams and Washington Counties, Idaho

Map unit symbol and soil name	Pct. of map unit	Hydrologic group	Depth	USDA texture	Classification		Pct Fragments		Percentage passing sieve number—				Li l
					Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200	
			In				*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L-R-H*	*L*
142—Midvale silty clay loam, 2 to 4 percent slopes													
Midvale	90	C	0-10	Silty clay loam	CL, CH	A-7	0- 0- 0	0- 0- 0	100-100-100	100-100-100	95-98-100	85-90-95	4
			10-30	Clay loam, clay, silty clay	CH, CL	A-7	0- 0- 0	0- 0- 0	100-100-100	100-100-100	90-95-100	70-83-95	4
			30-56	Loam	CL, CL-ML	A-4, A-6	0- 0- 0	0- 0- 0	100-100-100	100-100-100	85-90-95	60-68-75	2
			56-60	Silt loam, very fine sandy loam	CL-ML, CL, ML	A-4, A-6	0- 0- 0	0- 0- 0	100-100-100	100-100-100	85-90-95	50-63-75	1

Description — Engineering Properties

Engineering Properties

This table gives the engineering classifications and the range of engineering properties for the layers of each soil in the survey area.

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ET_{Idaho} 2012 -- Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

Please send suggestions for improving this site to robison at kimberly dot uidaho dot edu *Copyright 2012, University of Idaho.*

Cambridge (NWS -- 101408)

Statistics based on thirty year normal spans 1979 to 2010 years

For a different land cover or crop click on the above link.
You can highlight this table and copy via the clipboard to a Mircosoft Excel or OpenOffice spreadsheet to plot or otherwise work with this data.

Open water - shallow systems (ponds, streams)
Precipitation Deficit (Click here for a graph)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season[a]	Non Growing Season[b]	Annual
Mean[j]	mm/day												mm		
Monthly[c]	-1.98	-1.49	-0.04	1.72	2.20	3.18	4.27	3.58	2.23	0.69	-1.77	-2.80	301	0	301
15-Day Moving Average[d]	-1.99	-1.90	-0.08	1.76	2.22	3.22	4.33	3.57	2.10	0.71	-1.74	-2.61			
7-Day Moving Average[e]	-2.01	-1.71	-0.09	1.72	2.23	3.21	4.30	3.58	2.15	0.69	-1.80	-2.71			
3-Day Moving Average[f]	-1.99	-1.55	-0.05	1.72	2.20	3.16	4.27	3.59	2.22	0.69	-1.79	-2.78			
Standard Deviation[k]	mm/day												mm		
Monthly[c]	1.70	1.52	1.76	0.75	2.12	0.95	0.64	0.79	1.01	1.13	1.37	2.33	128	0	128
15-Day Moving Average[d]	1.64	1.88	1.64	1.04	2.10	1.21	0.54	0.81	1.35	1.22	1.74	2.06			
7-Day Moving Average[e]	2.27	2.57	2.10	1.58	2.54	1.82	0.70	1.13	1.71	1.78	2.42	3.09			
3-Day Moving Average[f]	3.03	3.38	2.68	2.28	3.20	2.68	1.01	1.54	2.29	2.43	3.31	4.27			
20% Exceedance[l]	mm/day												mm		
Monthly[c]	-1.02	-0.28	0.72	2.44	3.06	3.94	4.62	4.03	3.01	1.44	-0.72	-1.52	399	0	399
15-Day Moving Average[d]	0.13	0.18	2.05	3.29	4.51	4.78	4.92	4.35	3.41	2.21	0.57	0.18			
7-Day Moving Average[e]	0.38	1.02	2.62	4.13	5.08	5.23	5.18	4.72	3.75	2.76	0.97	0.38			
3-Day Moving Average[f]	0.46	1.24	3.06	4.57	5.66	5.67	5.48	5.05	4.20	3.02	1.34	0.48			
80% Exceedance[m]	mm/day												mm		
Monthly[c]	-2.77	-2.23	-0.79	0.85	1.08	2.57	3.85	2.98	1.47	-0.05	-3.06	-3.99	188	0	188
15-Day Moving Average[d]	-4.46	-4.64	-3.16	-0.30	-1.24	1.22	3.28	1.86	0.10	-1.47	-5.56	-6.04			
7-Day Moving Average[e]	-7.27	-8.66	-5.41	-2.10	-3.30	-1.44	2.23	0.02	-1.68	-3.64	-8.13	-9.74			
3-Day Moving Average[f]	-12.15	-12.26	-9.23	-5.52	-7.08	-6.12	0.28	-2.44	-6.84	-7.61	-11.98	-15.95			
Ave Highest P_{def}	mm/day												--		
15-Day Moving Average[g]	0.07	0.12	1.17	2.73	3.53	4.26	4.69	4.12	2.94	1.70	0.22	0.06			
7-Day Moving Average[h]	0.25	0.75	1.94	3.58	4.49	4.97	4.94	4.48	3.46	2.31	0.64	0.26			
3-Day Moving Average[i]	0.39	1.03	2.60	4.24	5.18	5.41	5.32	4.81	3.95	2.59	1.01	0.39			
Ave Lowest P_{def}	mm/day												--		
15-Day Moving Average[g]	-3.20	-2.78	-1.17	0.80	0.80	2.12	3.89	3.03	1.36	-0.28	-3.05	-4.47			
7-Day Moving Average[h]	-5.33	-4.94	-2.72	-0.65	-1.17	0.35	3.24	2.20	0.23	-1.91	-5.18	-7.50			
3-Day Moving Average[i]	-8.65	-8.45	-5.18	-3.00	-4.29	-2.91	2.01	0.48	-2.31	-4.77	-8.98	-12.25			
Special normal distribution parameters for monthly, seasonal, and annual intervals															
Skew[m]	-0.15	-2.14	-0.23	-0.06	-0.67	-1.31	-0.38	-0.33	-1.50	0.05	-0.74	-0.19	-0.57	0.00	-0.57
Kurtosis[o]	0.78	9.06	0.97	2.04	1.91	4.47	1.13	0.71	4.74	0.60	2.99	1.00	2.81	0.00	2.81

[a] Growing Season: This is usually the time from green up or planting in the spring to a killing frost or harvest in the fall. It is not applicable for entries without a growing season and will be blank.

[b] Nongrowing Season: This is usually the time from a killing frost or harvest in the fall to the of green up in the spring. It is not applicable for entries without a growing season.

[c] Mean of the average daily value for month

[d] Mean of the fourteen 15-day period averages contained in the month

[e] Mean of the twenty three 7-day period averages contained in the month

[f] Mean of the twenty seven 3-day period averages contained in the month

[g] Mean of the highest/lowest 15-day period average in month

[h] Mean of the highest/lowest 7-day period average in month

[i] Mean of the highest/lowest 3-day period average in month

[j] This value represents the *mean value* for the parameter for the month over the 'normal' period of record. Generally, the 'normal' period is the last thirty years with data.

[k] This value represents the *standard deviation* for the parameter for the month over the 'normal' period.

[l] This value represents the *value* for the parameter that has a 20% chance of being exceeded that month durning any particular year. Conversely, there is an 80% chance that the parameter value will be less than the *value* shown.

[m] This value represents the *value* for the parameter that has a 80% chance of being exceeded that month durning any particular year. Conversely, there is an 20% chance that the parameter value will be less than the *value* shown.

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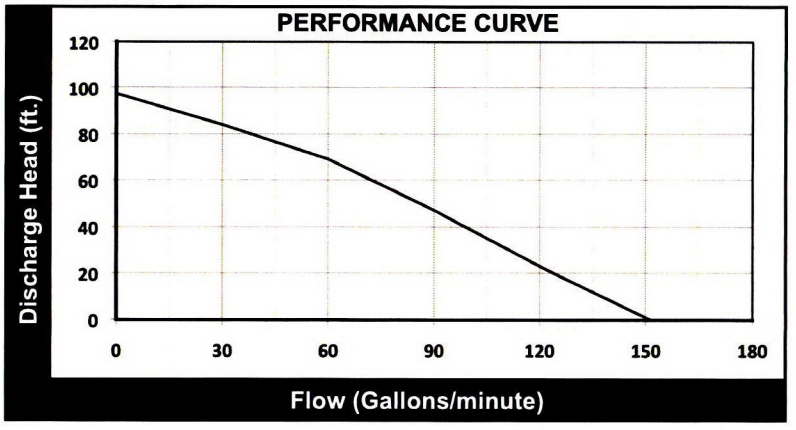
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Specifications

Pump	
Suction & Discharge Size	2" NPT
Maximum Flow at 0'	158 GPM
Maximum Head Lift at 0 Flow	91 ft.
Maximum Intake Lift at 0	26 ft.
Mechanical Seal	Ceramic
Included Accessories	Intake Strainer, Hose Clamps, Spark Plug Wrench

Engine		
Displacement		212cc
Engine Type		Horizontal Single Cylinder 4 stroke OHV EPA phase III compliant
Cooling System		Forced air cooled
Fuel	Type	87+ octane stabilizer-treated unleaded gasoline
	Capacity	0.9 Gallons / 3.6 Liters
Engine Oil	Type SAE	10W-30 above 32° F 5W30 at 32° F or below
	Capacity	0.5 Quarts / 0.5 Liters
Run Time @ 50% Load with full tank		3 hr.
Sound Level at 22 feet		104 dB
Bore x Stroke		70 mm x 55 mm
Compression Ratio		8.5:1
Rotation viewed from PTO (power takeoff - the output shaft)		Counterclockwise
Shaft	Shaft	3/4" x 2.41"
	Keyway	3/16" (4.76 mm)
	End Tapped	5/16" - 24 UNF
Spark Plug	Type	NGK® BP-6ES NHSP® / Torch® F6TC
	Gap	0.027" - 0.031"
Valve Clearance	Intake	0.004" - 0.006"
	Exhaust	0.006" - 0.008"
No Load Speed		3,800 ±100 RPM



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For technical questions, please call 1-888-866-5797.



Point of diversion. 8” pipe that runs about 200 feet to pond 1.

Latitude: 44.439937

Longitude: -116.837468



Unburied section of the 8” pipe running along the ground to pond 1.

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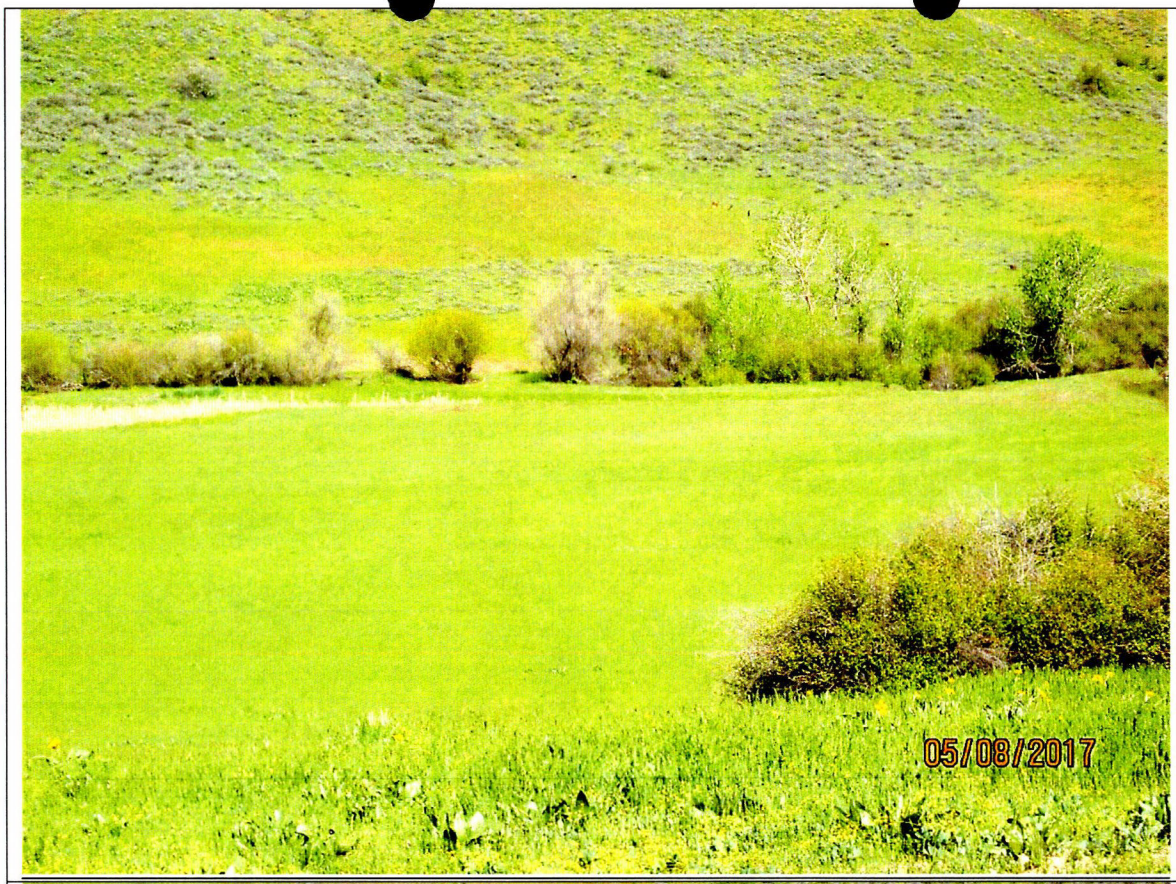
View of pond 1 and place of use from the house.

<u>Pond Specs</u>:
Capacity 2.7 AF
Surface Area 0.57 acres
Seepage 0.6 AF
Evap 1.0 AF



Spill way on the west side of pond 1 returning water back to an unnamed stream.

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Part of the 13 acres developed. The pond is at the center right edge of the image.



Image of a portion of the 13 acres. This section is south of the pond.

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Image of a portion of the 13 acres. This section is south of the pond.



Image of a portion of the 13 acres. This section is south of the pond at the very end of the 13 acres developed.

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Trash pump used to irrigate the 13 acres with hand lines. The pump is rated at 158 gpm or 0.35 cfs.



A 2" discharge to the 2" hand lines used to irrigate the 13 acres. A foot valve is connected to the pump from the pond.

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A few of the 2" hand lines used to irrigate the 13 acres.

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67-15185 split from 67-8000

Close up of pond 2. The discharge point is at the bottom center of the image.

Pond Specs:
Capacity 0.3 AF
Surface Area 0.12 acres
Seepage 0.2 AF
Evap 0.1 AF



67-15185 split from 67-8000

The discharge point from pond 2, is a 10- inch corrugated pipe which discharges overflow into an unnamed channel.

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REQUEST TO WAIVE/MODIFY

CONDITION OF APPROVAL

Permit # 67-8000 + 67-15185

I request the condition(s) of approval requiring (select 1 or more):

- [x] measuring device
- [x] lockable controlling works
- [ ] annual measuring/reporting, or power records alternative
- [ ] other – identify in space below

be waived or modified because:

Sage Creek is a small drainage with basically only one irrigater. It is not a regularly monitored creek in this drainage because it is dried up by mid-June.

Brandi S. Horton-Bonner
signature

3/26/19
date

Brandi S. Horton-Bonner
print name

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State of Idaho
DEPARTMENT OF WATER RESOURCES
Western Region • 2735 Airport Way • Boise, Idaho 83705-5082
Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

April 7, 2017

COPY

KATHLEEN CARTER AND/OR
RONNIE CARTER
1955 HIGHWAY 95
WEISER, IDAHO 83673

RE: Scheduling Field Exam for Water Right Permit No. 67-8000

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 1.6 cfs for irrigation, irrigation storage, irrigation from storage, stockwater, stockwater storage, wildlife, and wildlife storage use from unnamed streams, a tributary of Sage 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: Water Permit Report and Map
Relinquishment of Permit form
Assignment of Permit form

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JUL 28 2023