

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 1058

RECEIVED
AUG 24 2026
DEPARTMENT OF
WATER RESOURCES

This is to certify that:

ESTHER MACHEN & SHANE MACHEN
PO BOX 605
RIRIE, ID 83443

filed an application to rent water from the Water Supply Bank ("Bank"). The Idaho Water Resource Board ("Board"), being authorized to operate a Bank and to contract by and through the Director of the Idaho Department of Water Resources ("Director, Department") for rental of water from the Bank, agrees to rent water as follows:

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
22-7336	10/22/1980	GROUND WATER	0.10	15.7	4.5	0.02	3.50
Combined Rental Totals			0.10	15.7	4.5	0.02	3.50

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2030. Use of rental water shall be authorized as of either the date this rental agreement takes effect or the first day of the rental season of use, in 2026, whichever occurs last.

Annual Rental Fee:

2026 - 2030: \$518.10

The full fee for the rental of the above-described right(s) is \$518.10 annually for 2026 - 2030. The rental fee includes an annual administrative fee of \$51.81 for 2026 - 2030.

An annual payment shall be received by the Department on or before December 31 each year preceding the use of the rented water rights. The agreement will be void if payment is not received by the due date in a given year. Rental fees are non-refundable. To voluntarily terminate the agreement early, notify the Department in writing prior to the rental fee due date.

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 1058

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

Esther Machen
Signature of Renter

08/20/2026
Date

Esther Machen
Printed Name

Title

*Title required if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By Brian Patton
BRIAN PATTON, Executive Manager
Idaho Water Resource Board

Date 8/25/26

Rental approved by IDWR Alumma

Date 8/25/26

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NESW Sec. 17, Twp 03N, Rge 40E, BONNEVILLE
County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.10 CFS

VOLUME
15.7 AF

SEASON OF USE

Water Right No. **From** **To**
22-7336 4/1 12/31

RENTERS 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	
03N	40E	17									4.5								4.5

Total Acres: 4.5

RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
5. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
7. Renter acknowledges and agrees that the Director may terminate authorization for the use of a water right based on a water right's priority date.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
9. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
10. This rental agreement does not authorize the construction of a well.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 1058

11. 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. 100.
12. Prior to the diversion and use of water under this rental, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
13. Upon specific notification of the Department, the renter shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
14. Prior to December 31 of each year, the Board may review this rental agreement to determine whether it is consistent with the management plan that may be approved for the Eastern Snake Plain Aquifer Ground Water Management Area ("ESPA GWMA Plan") pursuant to Idaho Code § 42-233b. The Board may cancel this rental agreement if the Board determines it is not consistent with the ESPA GWMA plan. If this rental agreement is canceled, the cancellation shall not take effect until December 31 of the year in which the rental agreement is canceled.

Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 1058

Effective until December 31, 2030

This map depicts the **rental place of use** pursuant to the rental agreement and is attached to the agreement solely for illustrative purposes.



Legend

-  Water Supply Bank Rental POD
-  Water Supply Bank Rental POU
-  Township/Range
-  Sections
- QQ



STATE OF IDAHO
WATER RESOURCE BOARD

APPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANK

Print Form

RECEIVED

DEC 29 2025

Applicant Name: **Esther Machen, Shane Machen**

Department of Water Resources

Is this application being submitted with a lease application as a lease/rental package?

Yes ☐ No ☒

If yes, specify companion water rights in Section 4

This application must be completed according to the minimum requirement checklist below and printed single sided. This checklist is part of the rental application and must be included with the rental application. Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.

There is no filing fee for submitting a rental application. The annual rental fee due will be calculated based on the volume of water required under an approved rental agreement. **Timing:** Rental application processing is prioritized between November through March. Any rental application received on or before November 1 for use in the next year will be assigned a received date of November 1. Rental applications may be returned to applicants if the desired start date for the use of rental water cannot be accommodated by the Water Supply Bank. Rental requests cannot provide retroactive approval, and applications will not be accepted once the rental season of use period has concluded. Rental applications submitted more than one year in advance of the proposed start date for the use of rental water will not be accepted and will be returned to applicant.

One rental application per beneficial use of water. For multiple beneficial uses of water, separate rental requests should be submitted for each unique beneficial use of water. One rental application can be submitted if you propose to rent water from multiple sources.

For additional instructions on completing a rental application, visit <https://idwr.idaho.gov/iwrb/programs/water-supply-bank/resources/>

MINIMUM REQUIREMENT CHECKLIST

Check All Items as Either Attached (Yes) or Not Applicable (N/A)

Yes

- ☒ Completed *Application to Rent Water from the Board's Water Supply Bank*
☐ Confirmation that this form has been printed single sided, per requirement of the Water Supply Bank

Attachment N/A Yes

- | | | | |
|----|-------------------------------------|-------------------------------------|---|
| 1B | ☒ | ☐ | Authorization to represent the applicant, or sign on behalf of the company |
| 2 | | ☒ | A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request. |
| 3A | ☒ | ☐ | Detailed information on proposed use of rental water |
| 3F | ☒ | ☐ | Authorization from the owner/operator of the rental point(s) of diversion |
| 3H | ☐ | ☒ | Water modeling to analyze impacts of the rental request |
| 3J | ☒ | ☐ | Documents justifying a rate of flow greater than 0.02 cfs/acre |
| 3K | ☒ | ☐ | Authorization from the owner/operator of the property at the proposed rental place(s) of use |
| 4B | ☒ | ☐ | Explanation of how the rental water will sufficiently accomplish your rental purposes |
| 4C | ☒ | ☐ | Explanation of consumptive use amounts for water rights experiencing a change in nature of use |

Department Use Only – Proposed Water Right(s)

3410

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Esther Machen, Shane Machen

Mailing Address 12801 E. 101 N Idaho Falls ID 83401
Street City State Zip Code
 Email Address drmachen@machendentistry.com Phone Number (208) 313-9908

B. Is this application being completed or signed by an authorized representative on behalf of the applicant? Yes ☒ No ☐
 If yes, representatives (includes company employees, as well as legal counsel or consultants) should provide their information below and include their authority to represent and/or sign the application on behalf of the applicant. Label Attachment 1B.

Representative Jason C. Helms, P.E. Professional Title Certified Water Right Examiner #140
 Organization _____ Relationship to Applicant Consultant
 Mailing Address 295 8th St. Idaho Falls, ID 83401
 Email Address jasoncivil@alumni.nd.edu Phone Number (208) 308-2109

2. MAP

Attach a map. Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. The map must include the rental place of use outlined and annotated with legal land descriptions (Township, Range, Section and Quarter- Quarters) or with GPS coordinates. For irrigation purposes, mark the number of acres to irrigate per 40-acre tract (1/4-1/4). Attach the map to this application and label it Attachment 2.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

A. Describe why you desire to rent water and provide a detailed description of your proposed use. If the proposed use is not for irrigation, describe in detail how you determined the amount of rental water required. If the space below is insufficient, attach additional sheets as required and label them Attachment 3A:
Irrigation of pasture.

B. Enter the desired and/or minimum rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Desired Acres (if applicable)
0.05 CFS	15.7 AF	0.05 CFS	15.7 AF	4.5 AC

* Sometimes water rights provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.

C. This section must be completed in full. The desired start date must be later than the date received by the Department. The latest possible start is the latest possible date you could begin diverting water to put the rental to beneficial use in the desired start year. Rentals are not retroactive and are not approved until the annual rental fee payment is received for the year of beneficial use and an approval document is executed by the Department.

Desired Start Date (month/day/year)	**Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
04/01/2026	06/01/2026	☒ 1	☒ 2	☒ 3	☒ 4	☒ 5	☒ Process application as soon as possible. I understand the rental fee is annual and is not calculated on a pro rata basis.	☐ Return application to applicant
		Other Term Length (# of years): Prior IWRB approval required						

* The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.

** Per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right. Water Supply Bank rental applicants are not authorized to utilize rental water prior to the execution of an approved rental agreement. Rental requests may be returned to applicants if no water is available from the Bank to fulfill a rental request.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- D. Describe your water distribution system and how rental water will be delivered from the point(s) of diversion (POD) to the proposed place of use (POU):

Existing well with open discharge into small pond with booster into mainline and sprinkler system

- E. **Point(s) of diversion.** Locate the point of diversion within each 40-acre tract and/or the U.S. Government Lot of the Public Land Survey System. Spring sources should be described to the nearest 10-acre tract. Identify the county where the point of diversion is located. An existing well must be identified for a request to rent ground water under a short-term rental.

TWP	RGE	SEC	GOVT LOT	¼	¼	¼	County	Source	Local name or tag #
03N	40E	17		SE	NE	SW	Bonneville	ground water	wmis# 1003990

- F. If the POD(s) above are located where water is turned into a canal, lateral or ditch, or if they are located on your property but are serviced by water that is delivered via a canal, lateral or ditch, your rental request must include documented authorization from all relevant canal companies, irrigation districts and/or water delivery entities, confirming that they consent to your diversion of water from their system.

Has documented consent from all relevant water delivery entities been obtained?

Yes ☐ N/A ☒

If yes, include documented consent as Attachment 3F.

- G. Do any POD(s) identified in Question 3E divert from a water source that may require water modeling?

Yes ☒ No ☐

Refer to the Water Modeling Requirements Information Sheet to determine if a rental POD may require water modeling.

- H. Has water modeling been provided with your rental request?

Yes ☒ N/A ☐

If yes, label modeling Attachment 3 H.

Rental applications that require modeling will be returned if modeling is not provided.

- I. Specify the desired beneficial use of water and the requested season of use or number of acres required:

☐ Irrigation 4.5 (number of acres) Duration: Subject to IDWR standard seasons of use

☐ Commercial from: (mm/dd) to: (mm/dd)

☐ Stockwater from: (mm/dd) to: (mm/dd)

☐ Industrial from: (mm/dd) to: (mm/dd)

☐ Other: from: (mm/dd) to: (mm/dd)

- J. For irrigation uses, do you propose to divert water at a rate greater than 0.02 cfs/acre?

N/A ☐ Yes ☐ No ☒

If yes, justify the rate of flow and attach any supporting documents as Attachment 3J. Justification may include information on soil composition, conveyance losses, crop type, irrigation systems, public access areas, etc. A rate of 0.03 cfs/acre is permissible for irrigation of 5 acres or less.

- K. Do you own the land at the proposed rental place of use (POU)?

Yes ☒ No ☐

If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it Attachment 3K.

- L. List all other water rights and sources of water at the rental place of use for the same purpose, including privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company or any other water delivery entity. Explain why additional water is required: Attach a separate page if space is insufficient and label it Attachment 3L

Existing rights 25-14420, 14421, 14422, 14423, 14429, 14430 authorize 7.8 acres additional permanent water rights are being sought for this rental.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights?

Yes ☒ No ☐

If yes, specify below the elements of the water rights you are requesting to rent. *Rental applications that require modeling must also complete the table below for the specific water rights to be rented.* If no, continue to Question 4B.

Important Information: Diversion rates and volumes sought for rent must be proportionate to the per acre diversion rates and per acre volume limits of the water right under lease contract to the Water Supply Bank. For leased rights featuring combined limits, rentals must be consistent with combined diversion rate, volume or acre limits. Combined limits should be listed on a row below water right numbers. Include any additional water required to meet area headgate requirements, minimum flow rates when combined with existing water rights at the rental location, or mitigation requirements because of ESPA Modeling Analysis results. Prior to completing this section, applicants should review all water right lease contracts and any active rental agreements to determine which elements of a water right are available to satisfy a rental request. Active leases and rentals are searchable via the Lease and Rental Map Search tool. Water rights identified below must either already be leased to the Bank or a lease proposal should accompany this rental request. **Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.**

Water Right Elements Leased to Water Supply Bank					Leased totals, minus water right elements involved in active rental agreements, equals water right elements available for rent	Water Supply Bank Rental Request		
Water Right Number (leave blank if sub-total of combined limits)	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)
by others if available								
22-7680A	Irrigation	1.31	272	92.9		0.05	10.2	3.5
22-7680B	Irrigation	0.91	133	45.3		0.04	5.5	1.9
22-7687	Irrigation	1.48	217	73.9				
totals:		1.31	622	212.1		0.05	15.7	4.5
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank					TOTAL	0.05	15.7	4.5
						CFS	AF	AC

**Attach multiple copies of this page if space above is insufficient to list all water rights requested to be rented on this application.*

B. If water right conditions, combined limits, or the sum of all water right elements being requested provide an unconventional duty of water (e.g., an unusually low rate per acre or volume per acre for irrigation use), explain how your proposed rental will sufficiently accomplish your intended purposes. Attach a separate page if space is insufficient and label it **Attachment 4B**:

C. Does your rental request propose to change the nature of use for any water right(s) requested above?

Yes ☐ No ☒

If yes, explain how the water right(s) will be converted to new uses. Include the historic, consumptive use amounts for the water right being rented if you have it, as well as the new consumptive use amount for your proposed beneficial use. If space below is insufficient, attach a separate page and label it **Attachment 4C**:

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

- A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☐ No ☒

If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:

Prior rental agreement 937 and others. Permanent water rights in this area are difficult to purchase.

- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☐ No ☒

If yes, describe:

- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☒

If yes, describe the date and location of the NOV.

- D. Additional Information

Attached ESPA analysis indicates rental of identified rights could be approved through 2028 while meeting ESPA impact requirements. Request alternates if the rights shown are not available.

DECLARATION

I hereby assert that the information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws. I understand that the submission of a rental application provides no guarantee for approval of a rental agreement. I also understand that, per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right and that I am not authorized to utilize water as proposed in this application prior to the execution of an approved rental agreement.

Esther Machen
Signature of Applicant

Esther Machen
Printed Name of Applicant

12-29-2025
Date

Jason C. Helms
Signature of Representative

Jason C. Helms
Printed Name of Representative

12/24/2025
Date

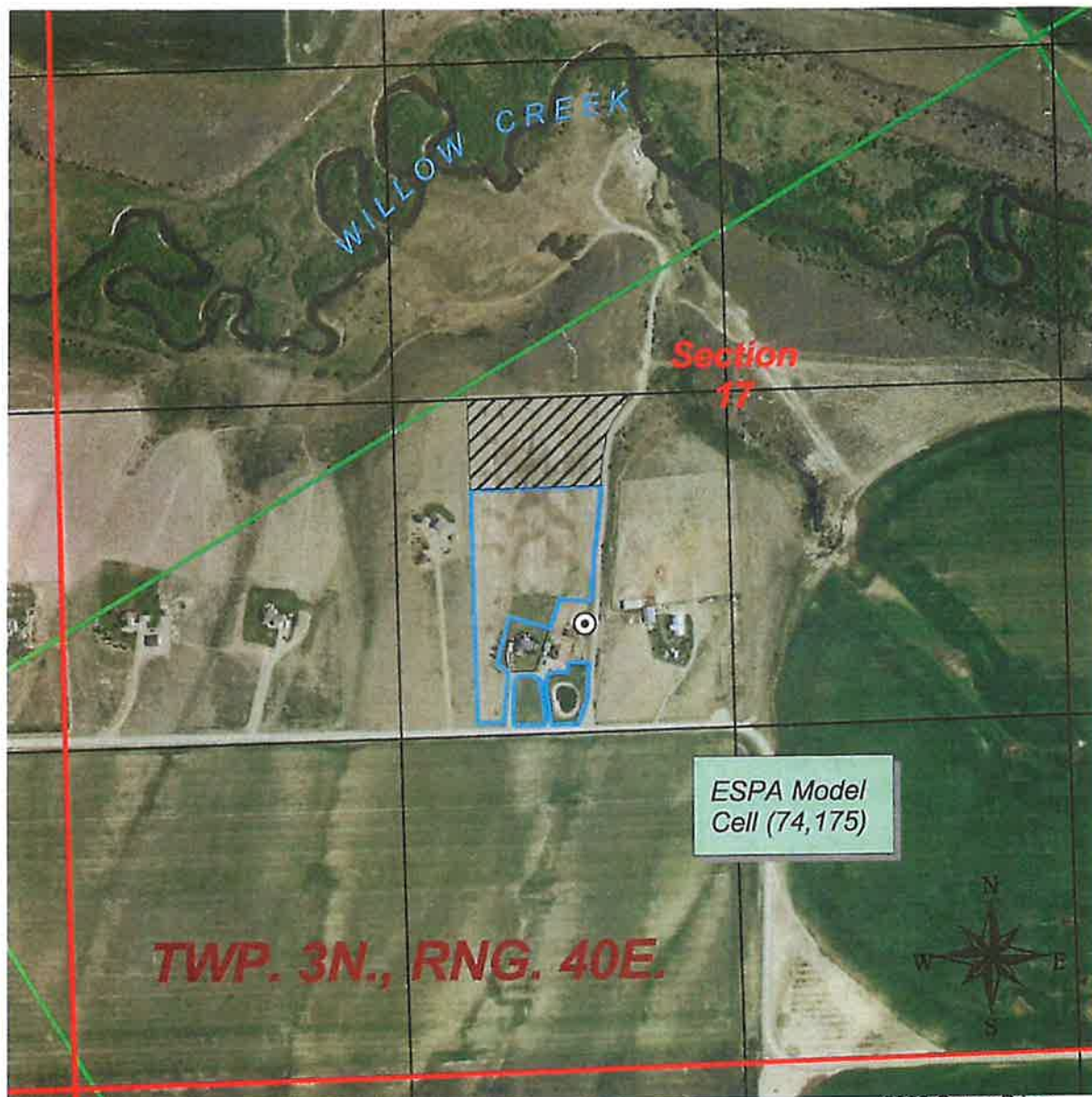
Print Form

Mail to:

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Electronic Filing:

file@idwr.idaho.gov
cc bank@idwr.idaho.gov



0.25

0

0.25 Miles

⊙ Existing Well (WMIS #1003990)

▨ Proposed Rental Irrigation (4.5 ac)

▭ Existing Authorized Irrigation (7.8 ac)
25-14420, 14421, 14422, 14423, 14429, 14430

▭ 0.50 ac (Domestic Irrigation)

▭ Township & Range

▭ Sections

▭ Bonneville County 40's

▭ ESPA Model Grid

Attachment #2

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE | IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

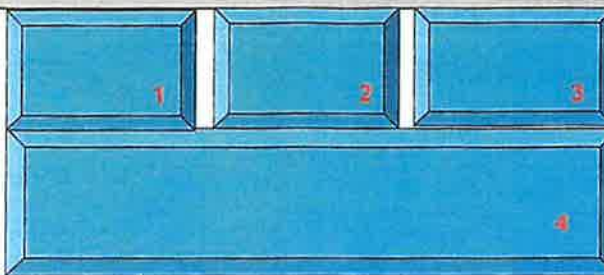
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON

TRANSFER NO: Rental 2026+

YEAR: 1990

SEASON: MACHEN-7680A,B

TRANSFER NAME:



8/23/1990

8.23

1705.7

582.00

0.16

2.93

2.93

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	74	66		
COLUMN	175	186		

22-7680A,B 8/23/1990

13.197

Rental acres for 3.5af/ac: 5.374

Consumptive use factor : 1.02

Total Maximum CU 13.20

Modeled CU 13.20

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1990	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 1990	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 1991	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 1991	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 1991	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 1992	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2019	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2019	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2019	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2020	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2020	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2020	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2021	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2021	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2021	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2022	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2022	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2022	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2023	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2023	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2023	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2024	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2024	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2024	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2025	2025 4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2025	Rental No. 4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2025	937 4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2026	Proposed 4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2026	Rental 4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2026	2026+ 4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2027	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2027	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2027	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2028	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2028	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2028	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2029	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2029	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2029	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2030	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2030	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2030	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2031	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2137	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2137	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2137	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2138	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2138	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2138	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2139	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2139	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2139	0.00	4.50	4.50	0.00	0.00	0.00	0.00

One-Way Analysis of Independent Transfers

Machen Water Supply Bank Rental 7680A (TWP 3N,RNG 40E, Section 17)

WR No.	Div. Rate	Con. Vol.	No. of Irr.	Priority	POD	Dedicated Vol.	Model
(CFS)	(AFA)	Acres	Date	Location	AFA/ AFT	Node	

Transfer 1: Proposed Steady State Impacts following Transfer

Refer to 2026 Rental Application

Transfer 1: Worst Case Transient State Impacts following Transfer

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr
2.35	1.88	0.08	0.18	0.00	0.00	0.00
2.35	1.88	0.08	0.18	0.00	0.00	0.00
2.35	1.88	0.08	0.18	0.00	0.00	0.00
2.35	3.80	0.47	0.47	0.00	0.00	0.00

Steady State Analysis

Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	52.1%	41.8%	1.8%	4.0%	0.1%	0.1%	0.0%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical:	0.0%	101.7%	476.9%	158.4%	84.8%	29.7%	29.7%
Mitigation Check 2: > 2.01 AF/T:	0.0	1.9	0.4	0.3	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	1.9	0.4	0.3	0.0	0.0	0.0

Read Me

Water Supply Bank Rental
Attachment 3H

JCH - 12/24/2025

mitigation-ar



IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little

Director Mathew Weaver

August 25, 2026

ESTHER MACHEN
SHANE MACHEN
PO BOX 605
RIRIE ID 83443

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO. 22-7336, AGREEMENT 1058**

Dear Renter:

Please find enclosed a receipt in the amount of **\$518.10** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 15.7 acre-feet of water for irrigation of 4.5 acres during 2026. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or \$466.29 of the rental fee will be paid to the lessor(s) and 10% or \$51.81 will be retained by the department to offset administrative costs for 2026. The annual rental fee for 2027 is due by December 31, 2026.

If you have questions regarding this matter, please contact this office at bank@idwr.idaho.gov or 208-287-4800.

Sincerely,

Darin Vrem
Water Supply Bank

Enclosures: Receipt No. C128002
Rental Agreement (copy)

c: Sascha Marston – Fiscal
IDWR Regional Office (via email)
Jason Helms P.E.
Water District – 100 & 120



IDAHO DEPARTMENT OF
WATER RESOURCES

RECEIVED

AUG 24 2026

DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little

Director Mathew Weaver

August 7, 2026

ESTHER MACHEN & SHANE MACHEN
PO BOX 605
RIRIE, ID 83443

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 22-7336 AGREEMENT 1058**

*****TIME SENSITIVE RESPONSE REQUIRED*****

Dear Applicant:

The Department of Water Resources acknowledges receipt of your application to rent water from the Water Supply Bank. **I have enclosed a Water Supply Bank Rental Agreement for your review and signature.** Upon signature and return of the original agreement, together with the rental fee described below, the Department will also sign the original agreement and return an executed copy to you. Execution of the agreement and compliance with the conditions of approval authorize diversion and use of water as provided in the agreement.

A rental fee of \$518.10 **per year** was calculated based on the current rental rate of \$33.00 per acre-foot times a diversion volume of 15.7 acre-feet. The annual rental fee for 2027 is due by December 31, 2026. The annual rental fee for 2028 is due by December 31, 2027. The annual rental fee for 2029 is due by December 31, 2028. The annual rental fee for 2030 is due by December 31, 2029. The agreement will be void if payment is not received prior to the due date in a given year. If you would like to terminate the agreement prior to the end of the rental period, you must submit written notice of your intent to the Department at least 30 days prior to the rental fee due date.

Please send a check in the amount of \$518.10 for 2026 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing.

Pursuant to the Water Supply Bank Rules, 90% or \$466.29 of the rental fee will be paid to the lessor(s) and 10% or \$51.81 will be retained by the Department to offset administrative costs for **2026**.

If you have any questions, please contact this office at bank@idwr.idaho.gov or (208) 287-4991.

Sincerely,

Tyler Saiz
Water Supply Bank

Enclosure(s): Two Rental Agreements

MEMORANDUM FOR AGREEMENT NO. 1058

To: Water Right(s) 22-7336

From: Tyler Saiz, Water Resource Agent

Date: 07/24/2026

Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: The Water Supply Bank (WSB) received rental application 3410 on December 29, 2025, on behalf of Esther Machen and Shane Machen. The application proposes to rent portions of water rights 22-7680A, 22-7680B, which were leased to the Water Supply Bank in 2021 under contract no. 1339. That lease contract has since expired and water right 22-7336 will be utilized instead. This water right was leased into the bank in 2026 under contract no. 2073. The application requests irrigation of 4.5 acres of pasture that the applicant's existing water rights do not cover. This application proposes renewal of previous agreement no. 937 which was satisfied by water rights 22-7680A and 22-7680B. The application proposes a rental duration of 5 years.

The water right to be rented is within the Snake River Basin Moratorium Area, Eastern Snake Plain Aquifer Ground Water Management Area, and within Water District 100.

The proposed rental place of use is within the Snake River Basin Moratorium Area and within Water District 120.

AUTHORITY TO FILE: The application was signed by Esther Machen. Bonneville County parcel data shows that the owner of the land appurtenant to the proposed place of use and point of diversion is owned by the applicants.

INJURY TO OTHER WATER RIGHTS: The proposed point of diversion is a well approximately 15 miles South of the lease point. Both the leased rights and proposed rental are within the Eastern Snake Plain Aquifer modeling boundary. Since they are within the boundary analysis of hydrologic effects within the aquifer and to the Snake River is required for processing. Modeling using the ESPA transfer tool ETRAN V3.4 was provided as an attachment to the application. Review of the ETRAN V3.4 modeling indicates that mitigation would not be required to offset the impacts of the proposed water use at the rental location. There are no concerns of injury to other water rights.

ENLARGEMENT OF USE: The rental will be delivered through an existing irrigation system to irrigate pasture that existing water rights 25-14420, 25-14421, 25-14422, 25-14423, 25-14429, and 25-14430 do not cover. The existing water rights authorize 7.8 acres of irrigation, a diversion rate of 0.14 cfs per acre, and a diversion volume of 3.5 acre-feet per acre. The application requests irrigation of 4.5 acres with a diversion rate of 0.05 cfs and a volume of 15.7 acre-feet.

LOCAL PUBLIC INTEREST: The proposed rental of water is in the local public interest.

BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: The proposed rental is consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The proposed POD is within the administrative area of IDWR's Eastern Region and Water District No.120. Comments regarding the proposed rental were requested from the regional manager and Watermaster on August 6, 2026 No concerns were received.

Cells this color are
set up for user entries

UPDATE
DATES

RUN
MODEL

GET
OUTPUT

ENTER STARTING DATE FOR
SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON

TRANSFER NO:

3410

YEAR

1980

TRANSFER NAME

SEASON

sther & Shar

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	74	61	0	0
COLUMN	175	184	0	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transf AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
WIN 1980	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2016	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2016	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2016	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2017	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2017	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2017	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2018	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2018	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2018	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2019	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2019	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2019	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2020	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2020	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2020	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2021	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2021	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2021	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2022	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2022	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2022	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2023	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2023	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2023	4.50	0.00	4.50	0.00	0.00	0.00	0.00

SPR 2024	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2024	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2024	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2025	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2025	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2025	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2026	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2026	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2026	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2027	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2027	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2027	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2028	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2028	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2028	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2029	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2029	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2029	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2030	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2030	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2030	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2031	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2031	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2031	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SPR 2130	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2130	0.00	4.50	4.50	0.00	0.00	0.00	0.00

Mitigation Analysis Period
Trimester

One-Way Analysis of Independent Transfers

New Water Right (GModelo):

WR No.	Div.	Rate (CFS)	Con. Vol. (AF/yr)	No. of yr. Acres	Priority Date	POD Location	Dedicated Vol. AFT/yr AFT	Model Node
777	777	275.6	68.9	1/1/1960	8526E-3	275.6	91.9	SP082075
777	777	275.6	68.9	1/1/1960	8526E-3	275.6	91.9	SP068068

Transfer 1: Proposed Steady State Impacts following Transfer

777	777	275.6	68.9	1/1/1960	8526E-3	275.6	91.9	SP082075
777	777	275.6	68.9	1/1/1960	8526E-3	275.6	91.9	SP068068

Transfer 1: Worst Case Transient State Impacts following Transfer

777	777	275.6	68.9	1/1/1960	8526E-3	275.6	91.9	SP082075
777	777	275.6	68.9	1/1/1960	8526E-3	275.6	91.9	SP068068

Impact by Reach (AFT/Trimester)

Ashton to Rexburg	Hense to Shelley	Shelley to N. Blackfoot	N. Blackfoot to Terey	Neely to Mardoka	Dev. Vol. to Buhl	Buhl to Kopr	Kopr to Mardoka	Mardoka to Mardoka	Mardoka to Bancroft
2.34	1.88	0.08	0.18	0.00	0.00	0.00	0.00	0.00	0.00
2.34	1.88	0.08	0.18	0.00	0.00	0.00	0.00	0.00	0.00

Steady State Analysis

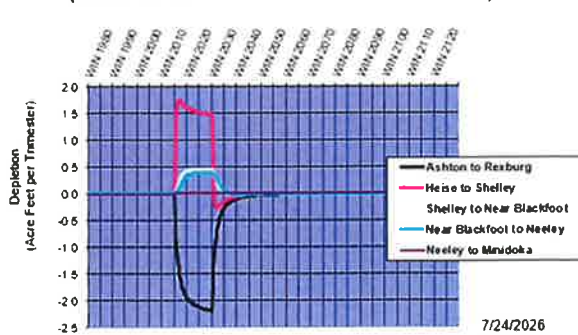
Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.3%	0.3%	0.3%	0.4%
Mitigation Check 2 - >2 AFT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total	51.9%	41.9%	1.9%	4.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical	0.0%	92.6%	543.1%	205.9%	155.1%	116.4%	116.3%	116.3%	116.1%	115.7%	115.2%
Mitigation Check 2 - >2.01 AFT	0.0	1.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	1.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Read Me

Net Transfer Effect Above Milner (Total Effect With Transfer - Total Effect Without Transfer)

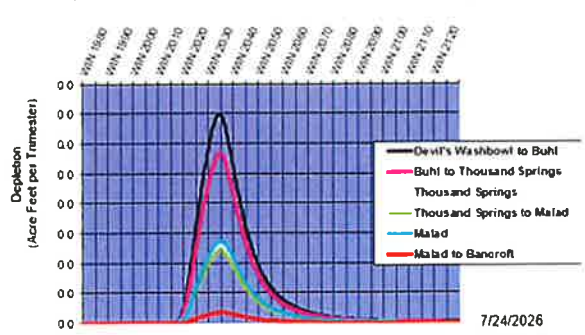


Customer Name: Esther & Shane Machen

Transfer No: 3410

7/24/2026
Version 3.4

Net Transfer Effect Below Milner (Total Effect With Transfer - Total Effect Without Transfer)



Customer Name: Esther & Shane Machen

Transfer No: 3410

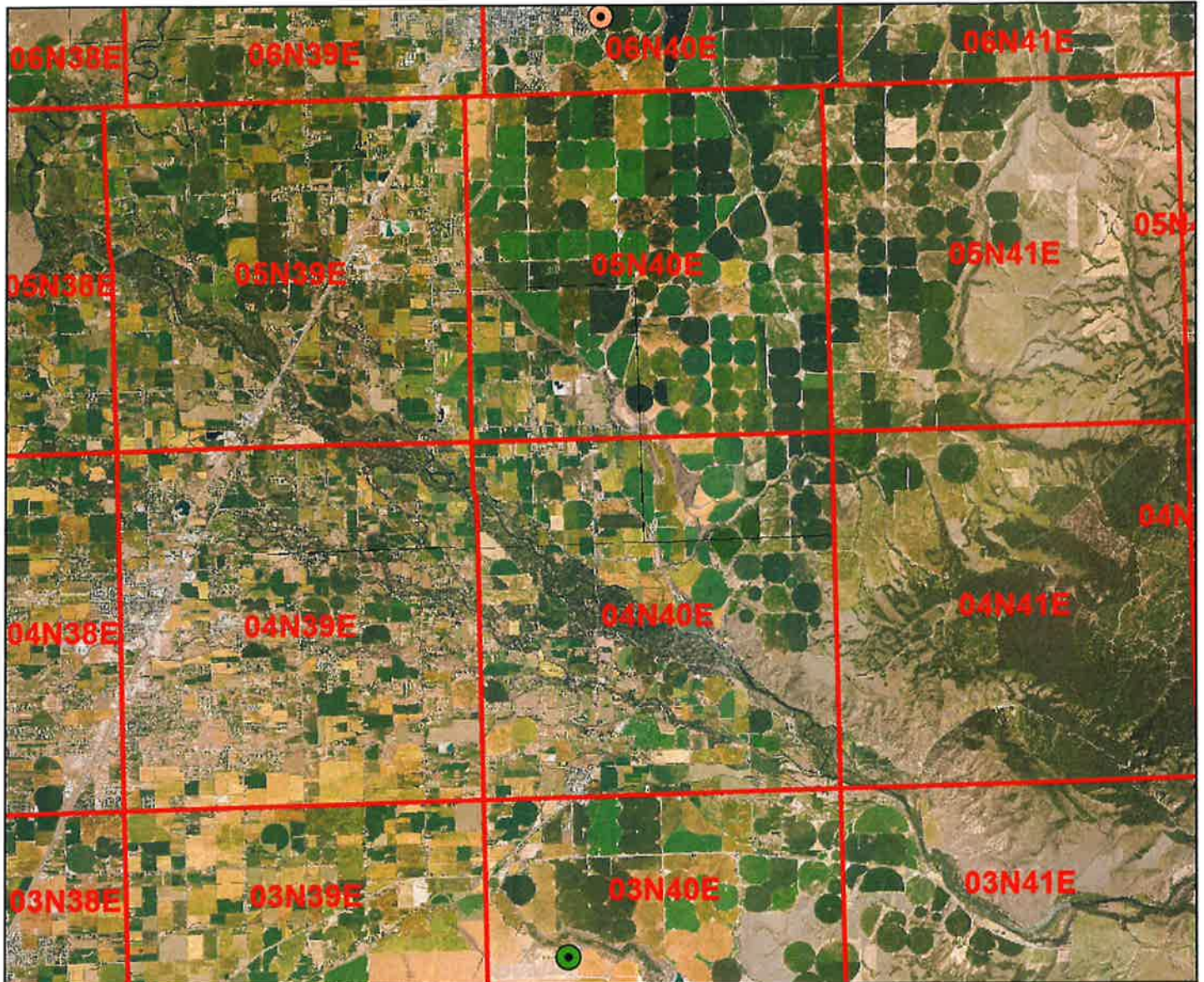
7/24/2026
Version 3.4

Idaho Water Resource Board

WSB Move Map

22-7336

2026



Legend

Water Supply Bank Rental POD

Water Supply Bank Lease POD

Township/Range



Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 1058

Effective until December 31, 2030

This map depicts the **rental place of use** pursuant to the rental agreement and is attached to the agreement solely for illustrative purposes.



Legend

-  Water Supply Bank Rental POD
-  Water Supply Bank Rental POU
-  Township/Range
-  Sections
- QQ

