

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 937

This is to certify that:

ESTHER MACHEN & SHANE MACHEN
12801 E 101 N
IDAHO FALLS, ID 83401

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)
22-7680A	8/23/1990	GROUND WATER	0.04949	10.2	3.5	0.014	2.91
22-7680B	8/23/1990	GROUND WATER	0.04	5.5	1.9	0.021	2.95
Rental Totals			0.04989	15.7	5.4	0.017	2.93

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2025. 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 2025, whichever occurs last.

Annual Rental Fee:

2025: \$593.01

The full fee for the rental of the above-described right(s) is \$593.01 for 2025. The rental fee includes an administrative fee of \$59.30 for 2025.

Total Water Use Authorized Under Rental Agreement

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate/Acre (CFS/AC)	Volume/Acre (AF/AC)
IRRIGATION	0.04949	15.7	4.5	0.011	3.49
Combined Total	0.04949	15.7	4.5	0.011	3.49

*** The authorized water usage reflects a reduction from the water right elements rented, to account for combined limits**

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 937

RECEIVED
AUG 04 2025
DEPARTMENT OF
WATER RESOURCES

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

7/28/25
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 8/6/25

Rental approved by IDWR TP

Date 8/6/25

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 937

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
0.0496 CFS

VOLUME
15.7 AF

SEASON OF USE

Water Right No.	From	To
22-7687	4/1	10/31
22-7680A	4/1	10/31
22-7680B	4/1	10/31

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 rental, when combined with the unleased extent of water rights 22-7521B, 22-7680A, 22-7680B, 22-7687 and 22-7695B when combined shall not exceed a total diversion rate of 8.23 cfs, a total annual maximum diversion volume of 3493.4 af at the field headgate, and the irrigation of 1192 acres.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

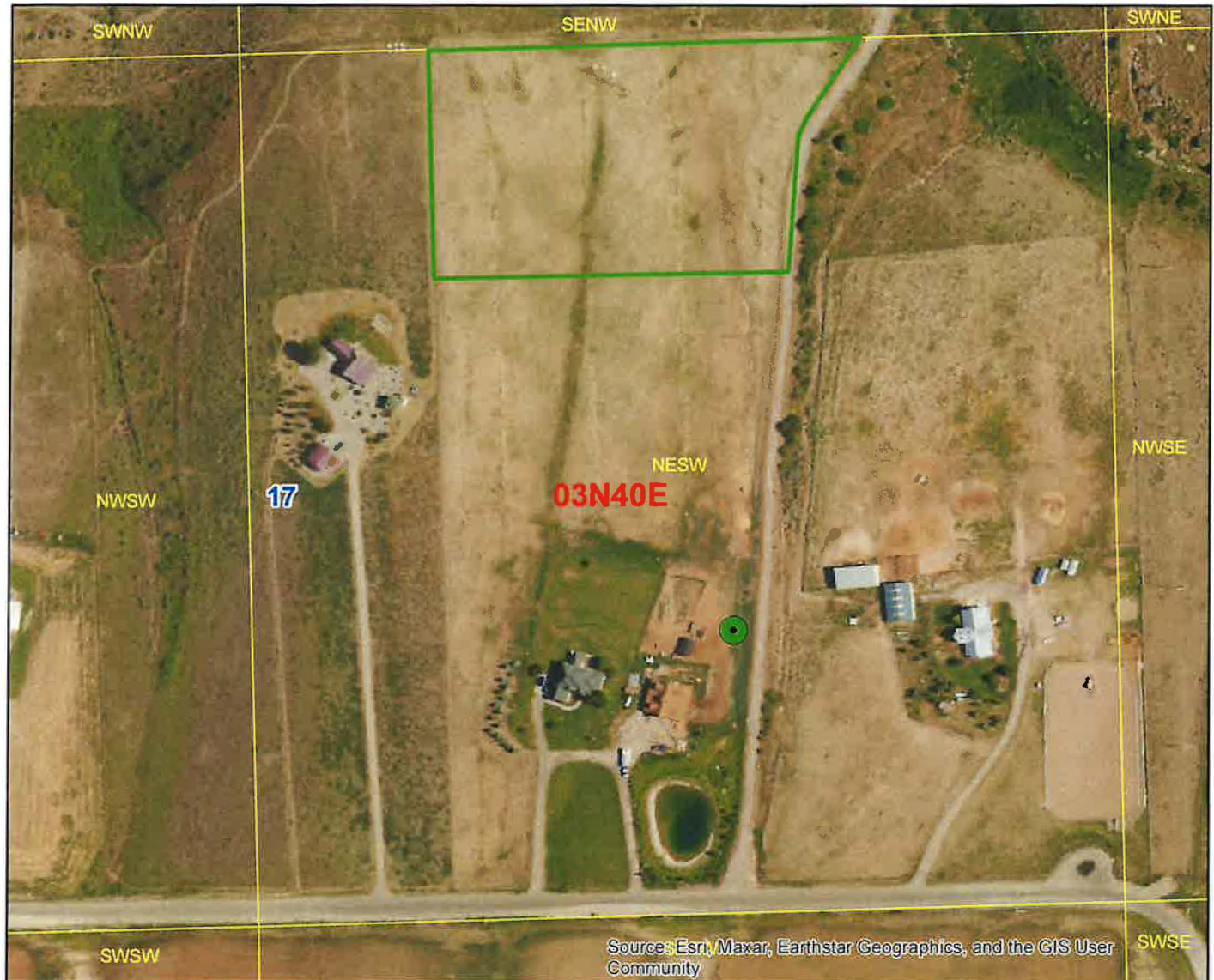
WATER SUPPLY BANK RENTAL AGREEMENT No. 937

10. 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.
11. The issuance of this right does not grant any right-of-way or easement across the land of another.
12. This rental agreement does not authorize the construction of a well.
13. 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. 120.

Idaho Water Resource Board
Attachment to Water Supply Bank Rental Agreement No. 927

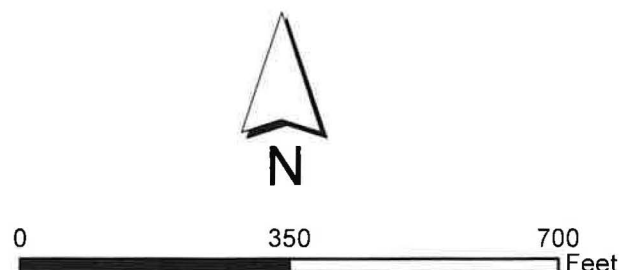
Effective until December 31, 2025

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



STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

OCT 31 2024

DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKApplicant Name: Esther Machen, Shane Machen

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. 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.**

Rental applications should be submitted well in advance of the desired start date for the use of rental water. Rental applications may be processed as early as November 1 of the year prior to the intended use of rental water. 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 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 applicants. 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 will not be accepted once the rental season of use period has concluded.

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 the Bank's website at http://idwr.idaho.gov/water_supply_bank.

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

- 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 a proposed use of rental water
- 3F ☒ ☐ Authorization from the owner/operator of the rental point(s) of diversion
- 3H ☐ ☒ Water modeling to account for the 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)

22-7680A 22-7687 LIMITTOTAL

22-7680B

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Esther Machen, Shane Machen

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

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☒ No ☐
If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

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

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. Make sure the rental place of use is 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 you desire to irrigate. 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)
0.07 CFS	15.7 AF	0.07 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. Enter the proposed start date and latest possible start date for using rental water as well as the number of years you would like to rent water. The latest possible start is the latest possible date by which you would be willing to pay for a rental and be able to benefit from utilizing rental water.

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?	
04/01/2025	06/01/2025	☒ 1	☒ 2	☒ 3	☒ 4	☒ 5	☒ Process application as soon as possible	☐ Return application to applicant

* 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. Describe the physical type (pump, headgate, etc.) and location of the POD from which rental water is proposed to be diverted:

POD Description	Water Source	Other Water Rights Diverted from this POD
Existing Well	Ground Water	25-14420, 14421, 14422, 14423, 14429, 14430

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.

- F. 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:

Existing water rights 25-14420, 14421, 14422, 14423, 14429, 14430 authorize irrigation of 7.8 acres within the parcel. This rental will be used in addition to the existing water right for irrigation of the entire pasture.

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. 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. 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. Lease and rental documents are searchable via [IDWR's website](#).

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.** 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.

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)
22-7680A	Irrigation	1.31	272	92.9		0.03	5.8	2.0
22-7680B	Irrigation	0.91	133	45.3		0.02	2.8	1.0
22-7687	Irrigation	1.48	217	73.9		0.03	4.6	1.6
LIMITTOTAL		1.31	622	212.1		0.03	13.2	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	0.03	13.2	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**:

This rental will be used with existing water rights to provide additional authorized acres and volume.

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

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)

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:

Previous application in 2019, 2020 and 2021-2024. Applicant is continuing to seek permanent water rights.

- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental?

If yes, describe:

Yes ☒ No ☐

Permanent water rights are being sought for transfer but will not be completed while this rental is active.

- 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

ESPA impact analysis indicates rental of indicated rights could extend permanently within acceptable reach impacts. See attachment 3H for details.

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

10/24/24
Date

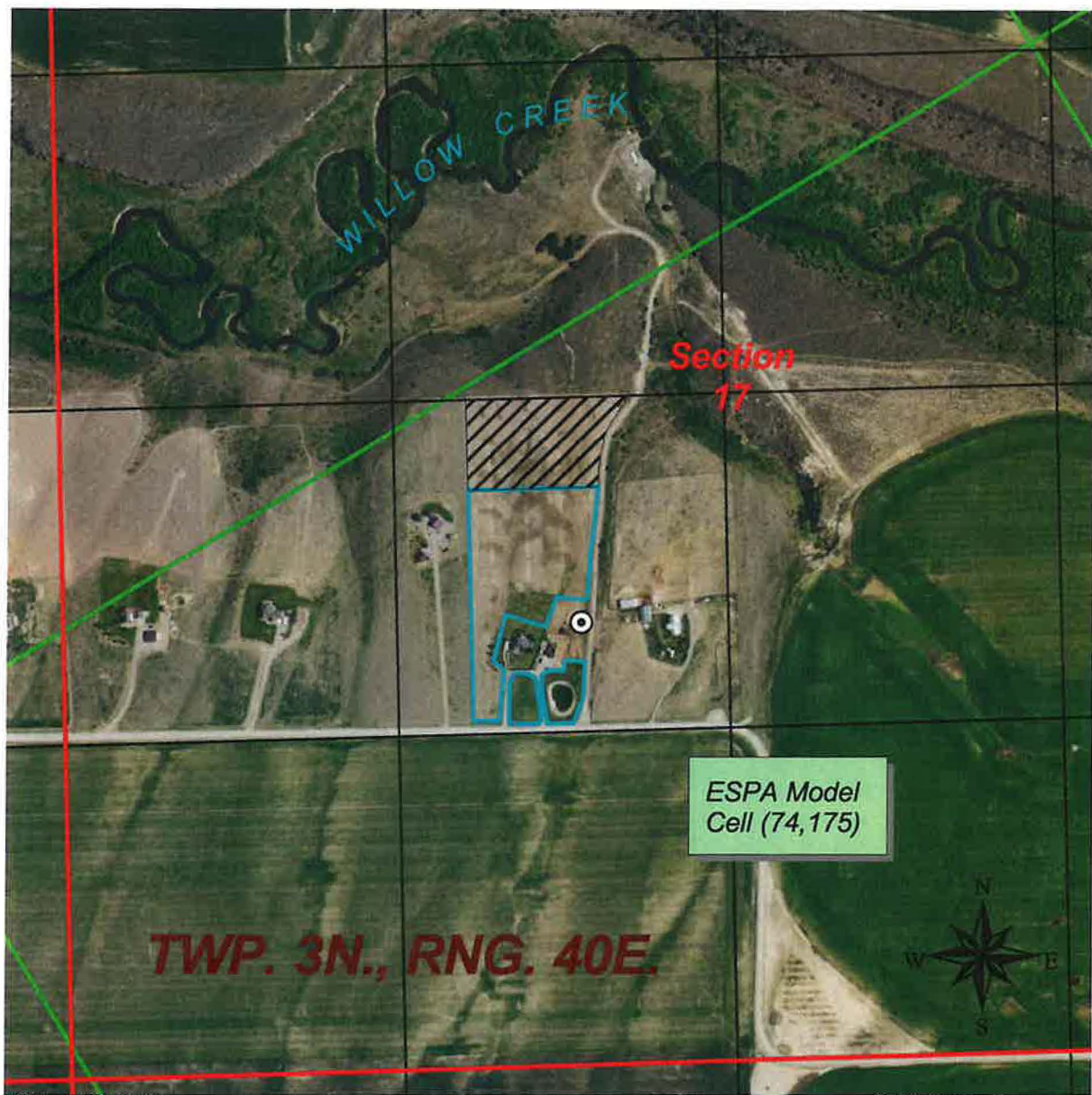
Signature of Representative

Printed Name of Representative

Date

Mail to:

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



JCH - 10/20/2024

2023 Conus Prime



- ⊙ 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

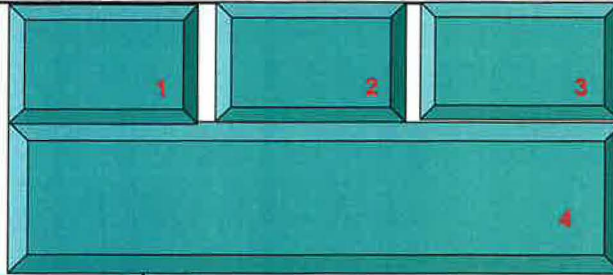
UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE | IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

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

YEAR: 1990
SEASON:

TRANSFER NO: Rental 2025-2026
TRANSFER NAME: Machen-Moody



8/23/1990
8.23
1705.7
582.00
0.16
2.93
2.93

ENTER CELL LOCATIONS:

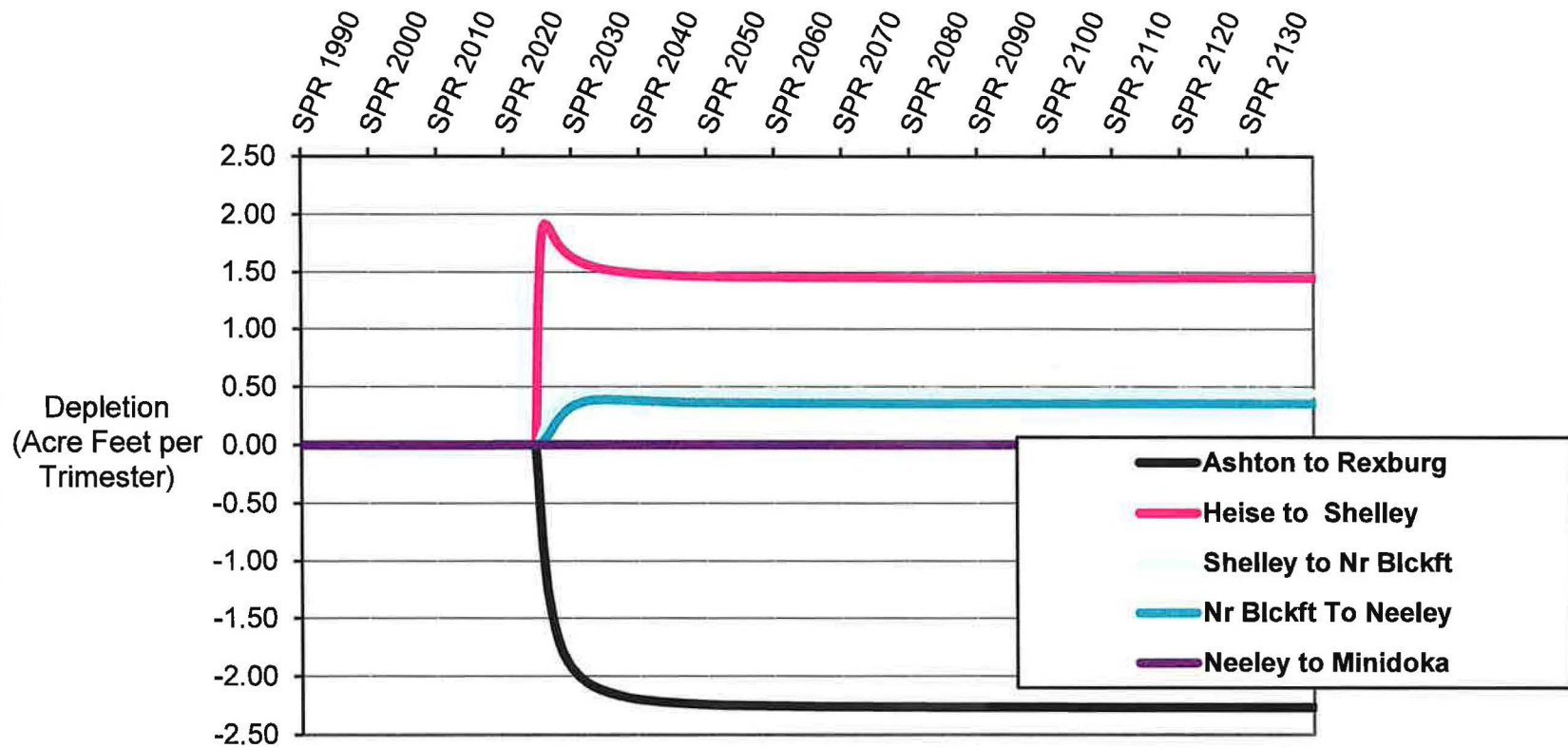
	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	74	66		
COLUMN	175	186		

22-7680 8/23/1990 13.185

Consumptive use factor : 1.023626664
Total Maximum CU 13.19
Proposed CU 13.19

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL 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	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
SPR 2137	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2137	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2137	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2138	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2138	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2138	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SPR 2139	4.50	0.00	4.50	0.00	0.00	0.00	0.00
SUM 2139	4.50	0.00	4.50	0.00	0.00	0.00	0.00
WIN 2139	4.50	0.00	4.50	0.00	0.00	0.00	0.00

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



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	Impact by Reach (AF/Trimester)															
(CFS)	(AFA)		(AFA)	Acres	Date	Location	AFA/ AFT	Node	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bckft	Nr Bckft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft					
Transfer 1: Proposed Steady State Impacts following Transfer																								
Refer to Rental Application									Pre-SS	2.34	1.88	0.08	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
									Post-SS	0.07	3.33	0.52	0.54	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transfer 1: Worst Case Transient State Impacts following Transfer																								
									Pre-TS	2.34	1.88	0.08	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
									Post-TS	2.33	3.79	0.54	0.56	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Steady State Analysis									Mitigation Check 1 - >10% of Historical:	-96.8%	77.2%	538.5%	198.0%	193.0%	187.5%	187.5%	187.5%	187.5%	187.5%	187.5%	187.5%			
									Mitigation Check 2: > 2 AF/T:	-2.3	1.5	0.4	0.4	0.0	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:	1.7%	74.1%	11.7%	11.9%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%
									Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
									Mitigation Vol. Req'd (ac-ft):	-2.3	1.5	0.4	0.4	0.0	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:	-0.7%	101.7%	556.7%	212.8%	193.0%	187.5%	187.5%	187.5%	187.5%	187.5%	187.5%	187.5%			
									Mitigation Check 2: > 2.01 AF/T:	0.0	1.9	0.5	0.4	0.0	0.0	0.0	0.0	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	NO	NO	NO	NO
									Mitigation Vol. Req'd (ac-ft):	0.0	1.9	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Read Me



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 07, 2025

ESTHER MACHEN
SHANE MACHEN
12801 E 101 N
IDAHO FALLS ID 83401

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 22-7680A & 22-7680B, AGREEMENT 937**

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 5.4 acres during 2025. 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.

Sincerely,

Debra Mansfield

for
Water Supply Bank

Enclosures: Receipt No. C122408
Rental Agreement (copy)

c: Sascha Marston – Fiscal
IDWR Eastern Regional Office
Representative
Water District 100 & 120

Mansfield, Debra

From: Mansfield, Debra
Sent: Wednesday, August 6, 2025 5:56 PM
To: IdwrPayable; Cefalo, James; Jordan, Blake; jasoncivil@alumni.nd.edu
Cc: Bank
Subject: Executed WSB Rental Agreement 937
Attachments: Executed WSB Rental Agreement 937, Esther & Shane Machen.pdf

Hello,

Please see the attached copy of executed WSB Rental Agreement 937, in the names of Esther Machen and Shane Machen, for your records.

Thank you,

Debra Mansfield | Technical Records Specialist 1
IDWR – State Office
322 E Front St, Boise ID 83702-7371
(208) 287-4921 | Debra.Mansfield@idwr.idaho.gov



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

July 18, 2025

ESTHER MACHEN & SHANE MACHEN
12801 E 101 N
IDAHO FALLS, ID 83401

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 22-7680A & 22-7680B, AGREEMENT 937**

*****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.

Please send a check for \$518.10 for 2025 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 **2025**.

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

Sincerely,

Aaron Olson

for
Water Supply Bank

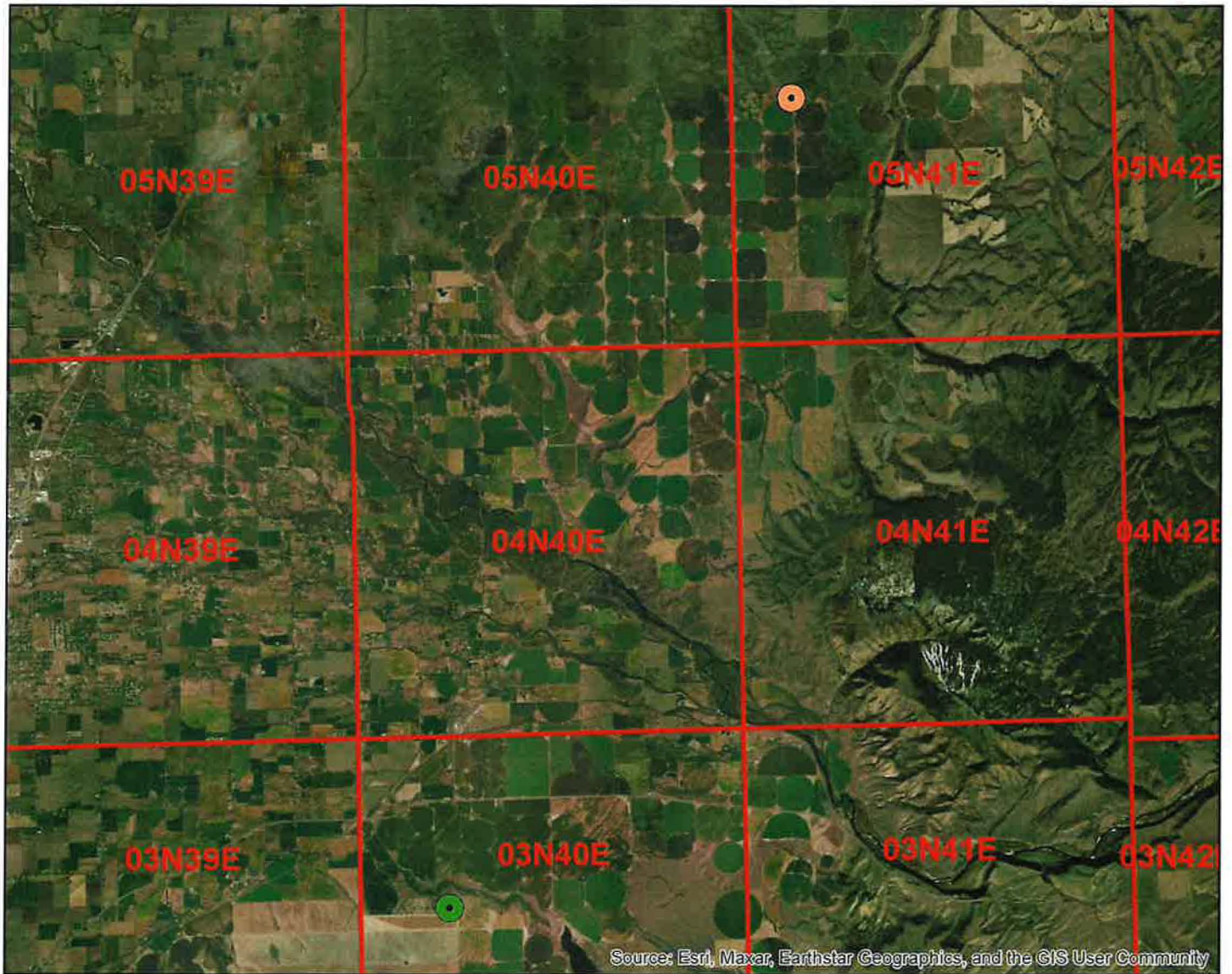
Enclosure: Rental Agreement

c: IDWR Front Desk, Jason C Helms

Idaho Water Resource Board

WSB Move Map - Rental Application 3093

22-7680A, 22-7680B, 22-7687
2025



- Active Lease POD
- Proposed Rental POD
- Township/Range



0 0.75 1.5 3 4.5 6 Miles

MEMORANDUM FOR AGREEMENT # 937

To: Water Right(s) 22-7680A, 22-7680B, 22-7687

From: Aaron Olson

Date: 4/10/2025

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

PURPOSE/NARRATIVE:

The Water Supply Bank (WSB) received rental application 3093 on October 31, 2024, on behalf of Esther Machen and Shane Machen. The application proposes to rent portions of water rights 22-7680A, 22-7680B, and 22-7687 which were leased to the Water Supply Bank in 2021 under contract no. 1339. 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. 478 which was satisfied by water rights 21-7089 and 21-12952. The application proposes a rental duration of 5 years but the current lease of the rights ends in 2025.

The water rights to be rented are 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.

WATER RIGHT VALIDITY:

Water rights 22-7680A and 22-7680B were both decreed August 23, 1990, while water right 22-7687 was decreed October 23, 1990. The water rights have been leased to the bank continuously since 2016. Review of aerial photography shows evidence that the lessor has complied with their lease contracts while the right has been leased to the bank. There are no concerns of validity.

INJURY TO OTHER WATER RIGHTS:

The proposed point of diversion is a well approximately 13 miles southwest 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 0.07 cfs and a volume of 15.7 acre-feet which equates to 0.016 cfs per acre and 3.5 acre-feet per acre.

The set of rights to be rented have a combined rate limit equal to that of 22-7680A, while the limits for volume and acres are additive of all three rights. Of right 22-7680A there is a remaining 4.1 acres, 0.06 cfs, and 12.1 acre-feet left available to rent, however an additional 0.011 cfs are being rented in 2025 under right 22-7687 which brings the total rate left available under the combined limit to 0.049 cfs. Rental of the remaining 0.049 cfs under right 22-7680A and a proportional 1.9 acres from right 22-7680B would bring the rental to 5.4 acres, a diversion rate of 0.049 cfs, and a volume of 15.7 acre-feet. With the number of acres reduced to 4.5 this amount would allow a rate per acre of 0.011 cfs and a volume of 3.49 acre-feet per acre. Since the amounts to be rented are less than those of the existing rights irrigated by the system there is no concern of enlargement to the existing rights.

LOCAL PUBLIC INTEREST:

Review staff has no information to suggest this application is inconsistent with the local public interest.

BENEFICIAL USE/CONSERVATION OF WATER RESOURCES:

The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS:

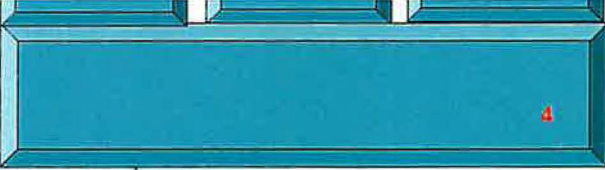
The water rights are within the Eastern Region, and Water District 100. The proposed rental location is within Water District 120. Requests for comment were sent to the Eastern Regional Manager, the Water District 100 Watermaster, and the Water District 120 Watermaster on July 18, 2025.

ESPA ANALYSIS RESULTS: SOU - 4/1 - 10/31

2025

To Well: 74, 175 Diversion 15.7 afa = 13.5 afa c/u & 4.5 at/trimester

From Well: 66, 186 Rental 15.7 afa = 13.5 c/u & 4.5 at/trimester

ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON		TRANSFER NO: 0		
YEAR	1990	TRANSFER NAME:		
SEASON	SUMMER	Machen 3093		

ENTER CELL LOCATIONS:				
	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	74	66	0	0
COLUMN	175	186	0	0

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
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 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	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	0.00	4.50	4.50	0.00	0.00	0.00	0.00
SUM 2026	0.00	4.50	4.50	0.00	0.00	0.00	0.00
WIN 2026	0.00	4.50	4.50	0.00	0.00	0.00	0.00

One-Way Analysis of Independent Transfers

New Water Right (GModelo):

WR No.	Div. Rate (CFS)	Con. Vol (AF/yr)	No. of Tr.	Priority Date	POD Location	Dedicated Vol AFA/ AFT	Model Node	
Transfer 1: Proposed Steady State Impacts following Transfer								
0.03	13.2	4.5	8/23/1990	8526E-3	275.0	01.9	SP082075	
0.03	13.2	4.5	8/23/1990	8526E-3	275.0	01.9	SP088006	
Transfer 1: Worst Case Transient State Impacts following Transfer								
0	0.03	13.2	4.5	8/23/1990	8526E-3	275.0	01.9	SP082075
0	0.03	13.2	4.5	8/23/1990	8526E-3	275.0	01.9	SP088006

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Div. WRI To Suhl	Suhl to Kisspr	Kisspr to Missad	Missad to Blaney
2.34	1.88	0.08	0.15	0.00	0.00	0.00	0.00	0.00
2.34	1.88	0.08	0.15	0.00	0.00	0.00	0.00	0.00
2.34	1.88	0.08	0.15	0.00	0.00	0.00	0.00	0.00
2.34	3.74	0.23	0.26	0.00	0.00	0.00	0.00	0.00

Steady State Analysis

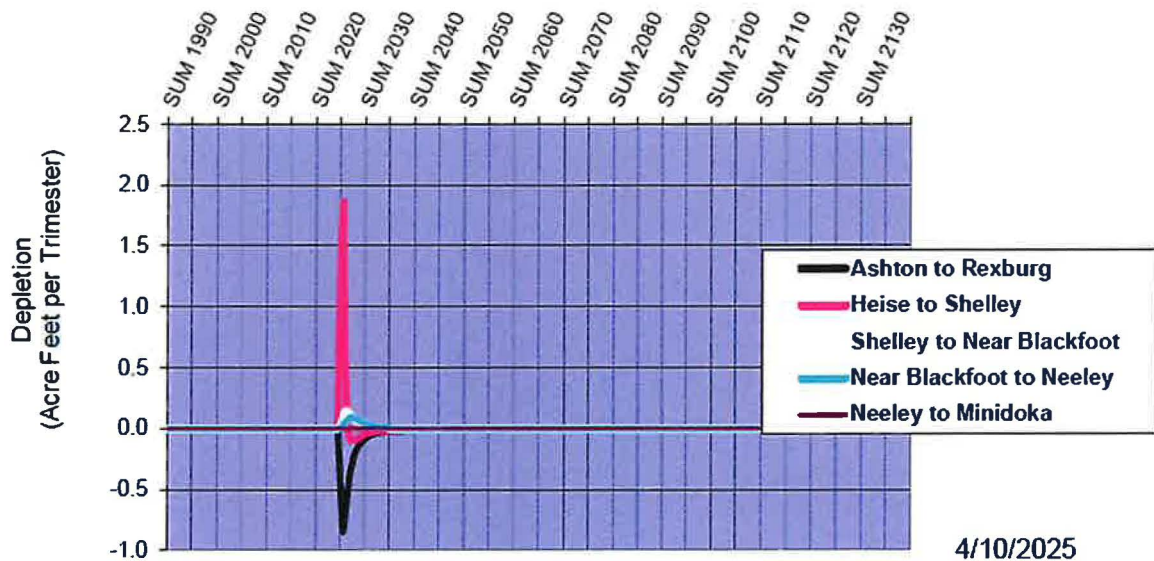
Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2 - > 2 AF/Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - > 10% of Total	52.1%	41.8%	1.5%	4.0%	0.1%	0.1%	0.0%	0.0%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical	0.0%	0.0%	177.2%	46.1%	15.0%	0.0%	0.0%	0.0%
Mitigation Check 2 - > 2.01 AF/Tr	0.0	1.8	0.1	0.1	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	1.8	0.1	0.1	0.0	0.0	0.0	0.0

XXXX Map

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

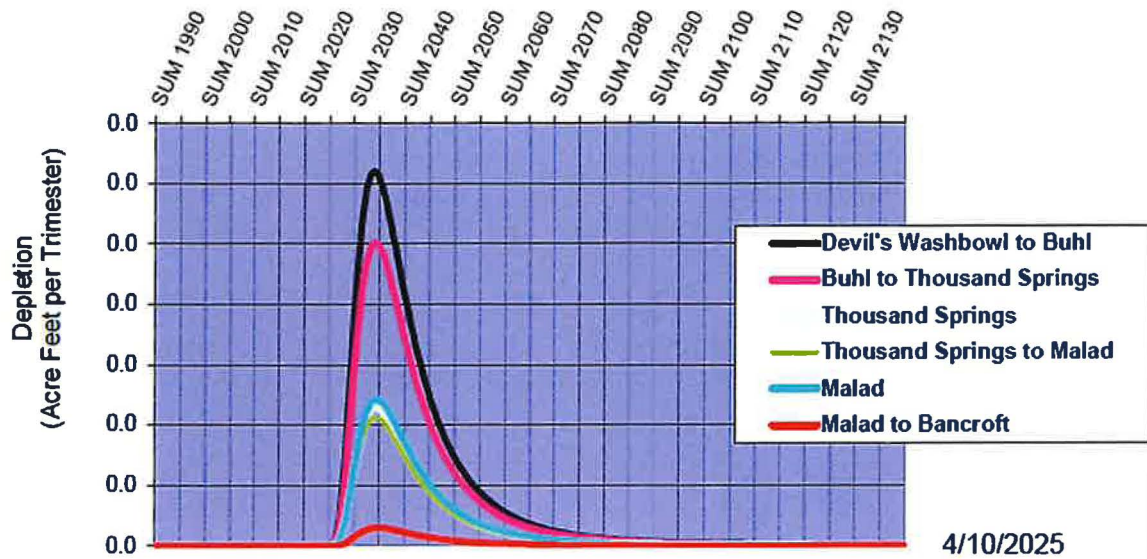


4/10/2025
Version 3.4

Customer Name: Machen 3093

Transfer No: 0

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



Customer Name: Machen 3093

Transfer No: 0

Olson, Aaron

From: Olson, Aaron
Sent: Friday, July 18, 2025 10:59 AM
To: Cefalo, James
Subject: Water Supply Bank Rental Application 3093 Esther & Shane Machen
Attachments: Rental App 3093 Review Memo.docx; Rental App 3093 Agreement 927 Map.pdf; Rental App 3093 Agreement 927 Move Map.pdf; WSB Rental Application # 3093 - Machen (1).pdf

Good Afternoon James,

The Water Supply Bank received an application to rent water rights 22-7680A & 22-7680B. Attached is a copy of the review memo, and maps for your review. Please provide any comments or concerns you have with the proposed rental within the next 7 days. If no comments are received in the next 7 days, I will assume there are no issues with this rental and proceed with processing.

Sincerely,

Aaron

Aaron Olson - Water Resource Agent, Principal
Idaho Dept. of Water Resources
322 E Front St Ste 648
Boise, ID 83702-7371
(208) 287-4907
Aaron.Olson@idwr.idaho.gov

Olson, Aaron

From: Olson, Aaron
Sent: Friday, July 18, 2025 11:01 AM
To: Jordan, Blake
Subject: Water Supply Bank Rental Application 3093 Esther & Shane Machen
Attachments: WSB Rental Application # 3093 - Machen (1).pdf; Rental App 3093 Agreement 927 Move Map.pdf; Rental App 3093 Agreement 927 Map.pdf; Rental App 3093 Review Memo.docx

Good Morning Blake,

The Water Supply Bank received an application to rent water rights 22-7680A & 22-7680B. Attached is a copy of the review memo, and maps for your review. Please provide any comments or concerns you have with the proposed rental within the next 7 days. If no comments are received in the next 7 days, I will assume there are no issues with this rental and proceed with processing.

Sincerely,

Aaron

Aaron Olson - Water Resource Agent, Principal
Idaho Dept. of Water Resources
322 E Front St Ste 648
Boise, ID 83702-7371
(208) 287-4907
Aaron.Olson@idwr.idaho.gov