

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 833

This is to certify that:

JOEL S ANDERSEN
2791 N 3375 W
MOORE, ID 83255-8715

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)
34-2478	6/16/1966	GROUND WATER	0.76	133.0	38.0	0.020	3.5
34-2500B	11/30/1966	SPRING	0.13	56.0	16.0	0.008	3.5
Combined Rental Totals			0.76	133.0	38.0	0.020	3.5

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2028. 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 2024, whichever occurs last.

Annual Rental Fee:

2024 - 2028: \$3,059.00 annually

The full fee for the rental of the above-described right(s) is \$3,059.00 per year for years 2024 - 2028. The rental fee includes an administrative fee of \$305.90 per year for years 2024 - 2028.

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.

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	0.76	133.0	38.0	0.020	3.5
Total	0.76	133.0	38.0	0.020	3.5

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 833

RECEIVED

MAR 18 2024

DEPT. 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:


Signature of Renter

March 14, 2024
Date

Joel S. Andersen
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, Acting Administrator
Idaho Water Resource Board

Date 3/29/24

Rental approved by IDWR 

Date 3/29/24

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 833

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER SWSE Sec. 8, Twp 04N, Rge 26E, BUTTE County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.76 CFS

VOLUME
133.0 AF

SEASON OF USE

From To
4/1 11/1

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	
04N	26E	8														12	26		38

Total Acres: 38.0

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. Use of water under this agreement 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. 34.
10. Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point of diversion in accordance with Department specifications.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 833

11. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
12. This rental agreement does not authorize the construction of a well.
13. Use of this Rental Agreement 833 when combined with Rental Agreement 732 of Water Right Nos 34-299, 34-2397 A, and 34-7210 A are limited to a total combined diversion rate of 0.88 cfs and to a total combined annual diversion volume of 153.6 af for the irrigation of a total of 43.9 acres.
14. Use of this Rental Agreement when combined with Rental Agreement 732 and the unleased portions of Right 34-14231 not under Lease Contract 1536 shall not exceed 1.27 cfs, a total annual diversion volume of 223 af at the field headgate, and the irrigation of 63.7 acres.
15. The renter shall make full beneficial use of all surface water rights available to the renter for irrigation of the lands authorized to be irrigated under this rental. The renter shall limit the diversion of ground water under this rental to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.

Idaho Water Resource Board
Attachment to Water Supply Bank Rental Agreement No. 833

Effective until December 31, 2028

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



- Authorized Rental Point of Diversion
- Authorized Rental Place of Use
- Township/Range
- Sections
- QQ



0 1,000 2,000 Feet

STATE OF IDAHO
WATER RESOURCE BOARDAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANK

RECEIVED

DEC 19 2023

DEPARTMENT OF
WATER RESOURCESApplicant Name: Joel Andersen

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)

34-2478

34-2500B

2857

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Joel S. Andersen

Mailing Address 2791 N 3375 W, Moore, ID 83255

Street City State Zip Code
Email Address andersenangus@gmail.com Phone Number 208-589-0019

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 Kristin Moore Professional Title Senior Water Rights Analyst

Organization Rocky Mountain Environmental Assoc. Inc. Relationship to Applicant consultant

Mailing Address 482 Constitution Way, Ste 303, Idaho Falls, ID 83402

Email Address kristin.rmea@gmail.com Phone Number 208-524-2353

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**:

Applicant desires to rent additional ground water rights to cover acres under a pivot that only have surface water rights. The ground water will be used when/if the surface rights are curtailed or not deliverable.

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)
0.76 CFS	133 AF	0.46 CFS	95 AF	38 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?	
4/15/2024	6/01/2024	☐ 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):

Well to pressurized mainline to center pivot

- 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
SWSE Sec 8 4N 26E	Ground Water	RA 732; No other rights

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 38 (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:

WR 34-14231 is used at the proposed POU for irrigation. Additional ground water is requested to supplement the existing surface water right.

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)
34-2478	Irrigation	0.76	133	38		0.76	133	38
34-2500B	Irrigation	0.13	56	16		0.13	56	16
		0.76	133	38				
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	0.76	133	38
						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**:

The proposed rental has adequate rate and volume for pivot irrigation.

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:

Rental Agreement 732 also contributes ground water to this same pivot, but not to the same acres.

- 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

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.


Signature of Applicant

Joel S. Andersen
Printed Name of Applicant

12-14-23
Date

Signature of Representative

Printed Name of Representative

Date

Mail to:

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

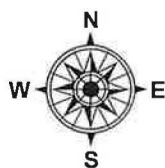


0 250 500 1,000 Feet

2021 NAIP

Legend

- Rental POD
- Rental POU
- Andersen Rental Agmt 732
- Twp & Rng
- Section
- QQ



Attachment 2. WSB Locations

Joel S. Andersen

RMEA # 21-0268

by: KM

Date: 12/12/2023



Eastern Snake Plain Aquifer Modeling Analysis and Narrative

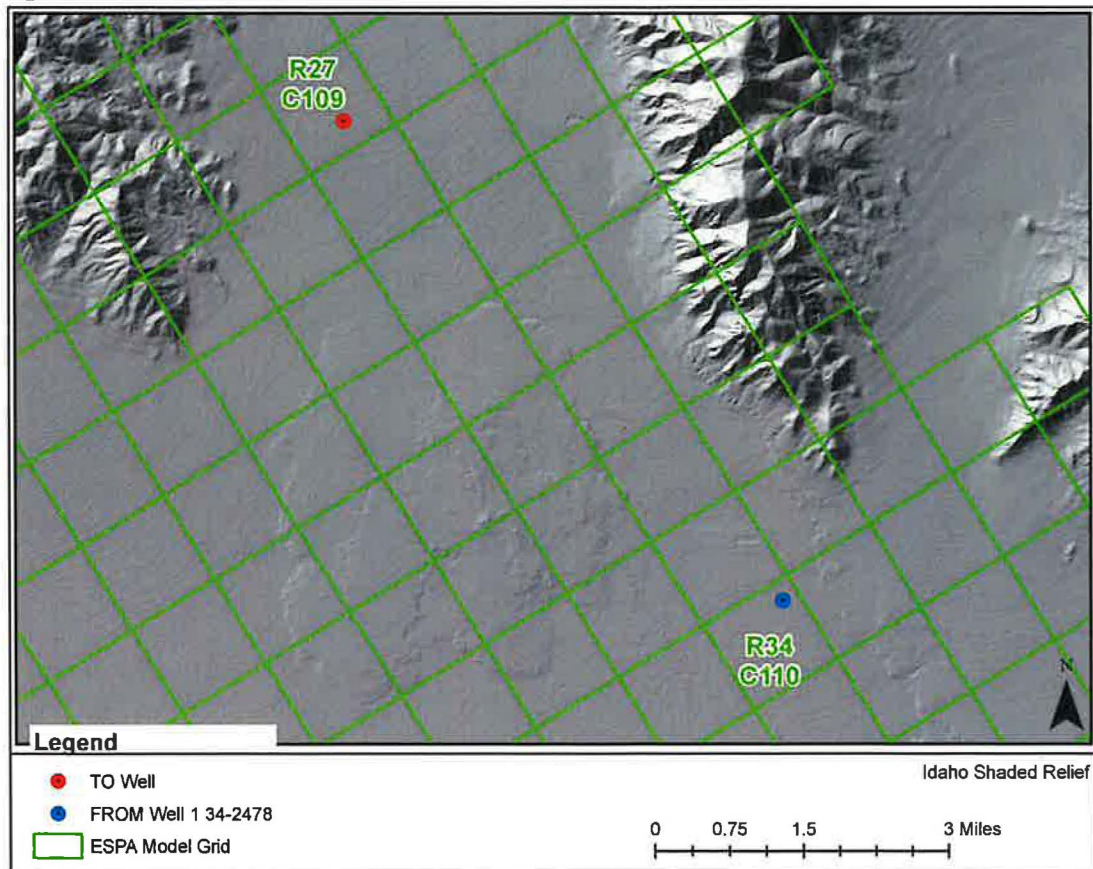
Application to Rent Water from the Water Supply Bank

The Applicant requires supplemental ground water rights at the proposed place of use. This application proposes to rent water from the Water Supply Bank to cover the additional need.

Data Input Values

The TO Well location is the proposed point of diversion. The model cell is identified as R27 C109. The FROM Well locations is the POD for WR 34-2478, model cell R34 C110. Figure 1 shows the locations of the points of diversion used in the modeling scenario.

Figure 1. ESPA Model Grid



The standard consumptive use volume of 2.5 afa/acre was used to determine annual volume for the rented water right. A total of 95 afa (38 ac x 2.5 afa/ac), or 31.7 af/trimester was used to represent depletions.

Results

Using ESPAM 2.2/ETRAN 3.4 to simulate the depletions of transferring 38 acres to the proposed place of use, the affects do not exceed the threshold of 2.0 af/trimester. No mitigation is required. Figures 2-4 include excerpts from the model simulation for this application.

Figure 2. Data Entry

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: 34-2478

YEAR: 1966

SEASON: SPRING

TRANSFER NAME: Joel S. Andersen

UPDATE DATES RUN MODEL GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	27	34	0	0
COLUMN	109	110	0	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	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 1966	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SUM 1966	0.00	31.70	31.70	0.00	0.00	0.00	0.00
WIN 1966	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SPR 1967	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SPR 2023	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SUM 2023	0.00	31.70	31.70	0.00	0.00	0.00	0.00
WIN 2023	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SPR 2024	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SUM 2024	31.70	0.00	31.70	0.00	0.00	0.00	0.00
WIN 2024	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SPR 2025	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SUM 2025	31.70	0.00	31.70	0.00	0.00	0.00	0.00
WIN 2025	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SPR 2026	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SUM 2026	31.70	0.00	31.70	0.00	0.00	0.00	0.00
WIN 2026	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SPR 2027	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SUM 2027	31.70	0.00	31.70	0.00	0.00	0.00	0.00
WIN 2027	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SPR 2028	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SUM 2028	31.70	0.00	31.70	0.00	0.00	0.00	0.00
WIN 2028	31.70	0.00	31.70	0.00	0.00	0.00	0.00
SPR 2029	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SUM 2029	0.00	31.70	31.70	0.00	0.00	0.00	0.00
WIN 2029	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SPR 2030	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SUM 2030	0.00	31.70	31.70	0.00	0.00	0.00	0.00
WIN 2030	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SPR 2114	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SUM 2114	0.00	31.70	31.70	0.00	0.00	0.00	0.00
WIN 2114	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SPR 2115	0.00	31.70	31.70	0.00	0.00	0.00	0.00
SUM 2115	0.00	31.70	31.70	0.00	0.00	0.00	0.00
WIN 2115	0.00	31.70	31.70	0.00	0.00	0.00	0.00

Figure 3. Net Transfer Graphs

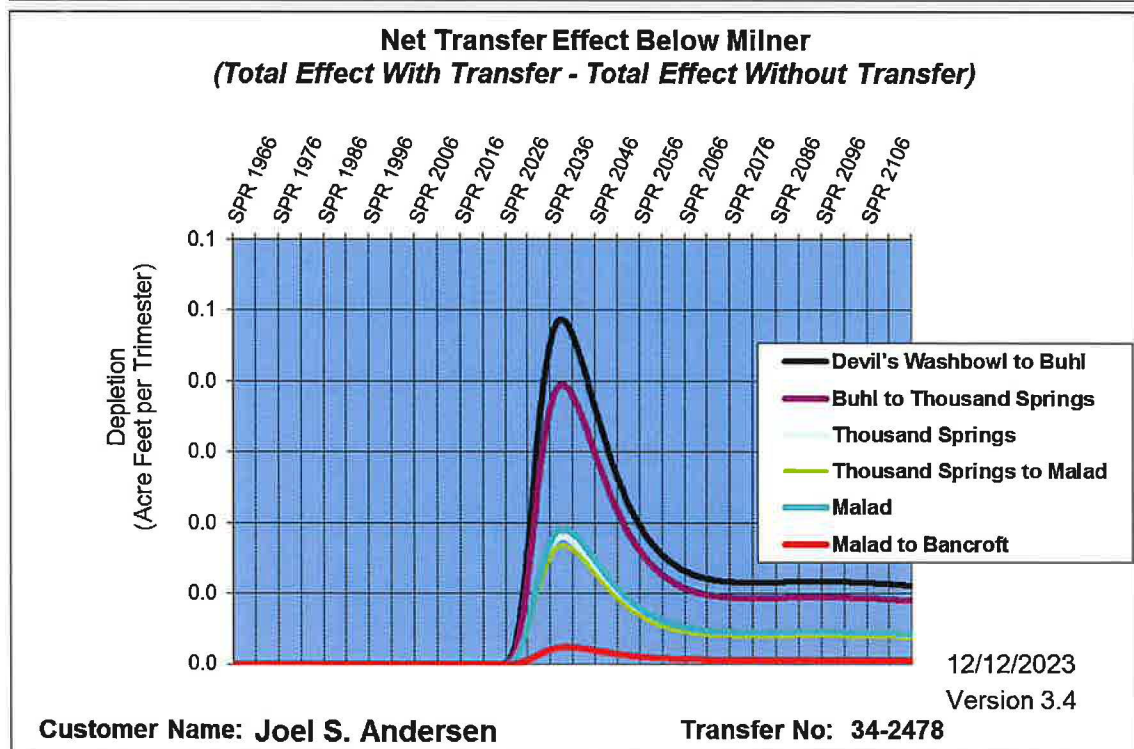
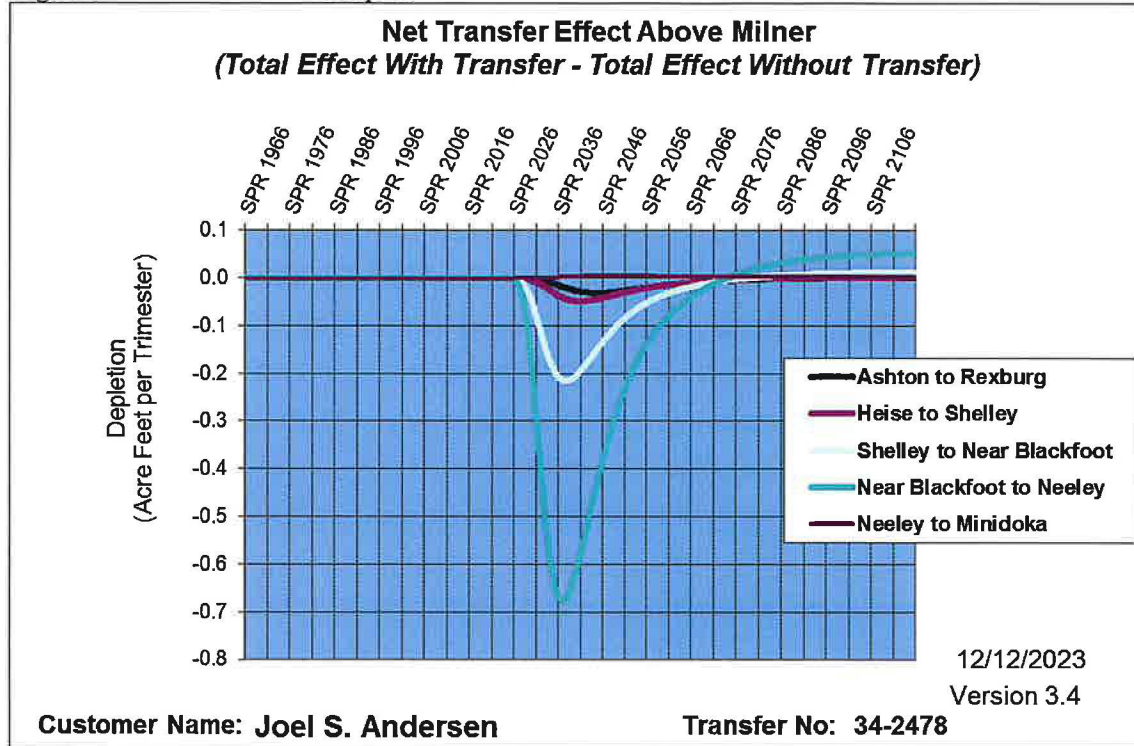


Figure 4. Calculated Affects and MAT Input Table

	Net Transfer Effect (AF/four months)										
	Ashton to	Heise to	Shelley to	Nr Bickft	Neeley to	Dev. Wbl.	Buhl to	Kspr	Kspr to	Malad	Malad to
	Rexburg	Shelley	Nr Bickft	Neeley	Minidoka	Buhl	Kspr	Malad	Malad	Bancroft	
SPR 1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2028	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2028	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2028	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2029	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2029	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2029	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2030	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2030	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2030	0.0	0.0	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2031	0.0	0.0	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2031	0.0	0.0	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2031	0.0	0.0	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2032	0.0	0.0	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ne Step of Transfer: **SPR 2024**

Match:	175	Match:	456										
	AtR	HtS	SINB	NBIN	NIM	DWIB	BlTS	TS	TSIM	M	MIB	Total	
SS (Last Time Step):	0.54	0.81	3.71	14.36	0.71	2.13	1.73	0.79	0.74	0.84	0.11	26.47	Total Effect
p. @ Last Time Step:	0.55	0.81	3.72	14.41	0.71	2.14	1.74	0.79	0.74	0.85	0.11	26.58	Total Effect
Max Value Timestep:	0.54	0.81	3.71	14.36	0.71	2.13	1.73	0.79	0.74	0.84	0.11	26.47	Total Effect
of Dep. After Transfer:	0.55	0.81	3.72	14.41	0.71	2.14	1.74	0.79	0.74	0.85	0.11	26.58	Total Effect
Steady State Change:	0.00	0.00	0.01	0.05	0.00	0.01	0.01	0.00	0.00	0.00	0.00		
Transient State Change:	0.00	0.00	0.01	0.05	0.00	0.01	0.01	0.00	0.00	0.00	0.00		



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

April 01, 2024

JOEL S ANDERSEN
2791 N 3375 W
MOORE ID 83255-8715

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 34-2478 & 34-2500B, AGREEMENT 833**

Dear Renter:

Please find enclosed a receipt in the amount of **\$3,059.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 133 acre-feet of water for irrigation of 38.0 acres during 2024. 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 \$2,753.10 of the rental fee will be paid to the lessor(s) and 10% or \$305.90 will be retained by the Department to offset administrative costs.

The annual rental fee for 2025 is due by December 31, 2024. If you have questions regarding this matter, please contact this office at bank@idwr.idaho.gov or 208-287-4800.

Sincerely,

for
Water Supply Bank

Enclosures: Receipt No. C118040
Rental Agreement (copy)

c: Sascha Marston – Fiscal
IDWR Eastern Regional Office
Kristin Moore - RMEA
Water District 34
Big Lost River Ground Water District

Mansfield, Debra

From: Mansfield, Debra
Sent: Friday, March 29, 2024 10:19 AM
To: IdwrPayable; Cefalo, James; waterdist34@atcnet.net; blrgwd@atcnet.net; kristin.rmea@gmail.com
Cc: Bank
Subject: Executed Rental Agreement 833
Attachments: Executed WSB Rental 833.pdf

Good morning,

Please see the attached copy of executed Rental Agreement 833, in the name of Joel S Andersen, 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

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Governor Brad Little

Director Mathew Weaver

March 08, 2024

JOEL S ANDERSEN
2791 N 3375 W
MOORE ID 83255-8715

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 34-2478, 34-2500B AGREEMENT 833**

*****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 \$3,059.00 **per year** was calculated based on the current rental rate of \$23.00 per acre-foot times a diversion volume of 133 acre-feet. The annual rental fee for 2025 is due by December 31, 2024. 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 for \$3,059.00 for 2024 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 \$2,753.10 of the rental fee will be paid to the lessor(s) and 10% or \$305.90 will be retained by the Department to offset administrative costs for **2024**.

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

Sincerely,

Water Supply Bank

Enclosure

c: IDWR Front Desk
Representative (via email)

Phone call memo with Joel Anderson

10:07 Am I called Joel Anderson to explain that payment is needed for Rental Agreement 833. Joel was confused. He paid 3680.92 In December however I explained that was for three different rentals 627,666 and 670 for a different rental agreement for two different water rights. Joel told me he will be sending out a payment of 3059.00 today in the mail.

The call ended at 10:18

MEMORANDUM FOR APPLICATION 2857 / AGREEMENT # 833

To: Water Right(s) 34-2478, 34-2500B

From: Mary Condon, WSB Program Coordinator

Date: March 1, 2024

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

PURPOSE/NARRATIVE: Application to rent ground water in the Big Lost River ('BLR') drainage for five years beginning in 2024 was received on December 19, 2023. Ground water requested under this rental is for a 38-acre wedge within a pivot system currently serviced with surface water right 34-14231 and would be used with existing rental agreement (RA) 732 for 5.9-acres, also from ground water used supplemental to surface water right 34-14231 when surface water is curtailed.

AUTHORITY TO FILE: Applicant is the listed owner of the property for the rental Point of Diversion (POD) and Place of Use (POU), according to county parcel data. Existing surface water right 34-14231 on POU is co-owned by the applicant. There is not a water right authorized from the rental diversion well other than RA 732, but there is a well log from when it was drilled and used in the past. No concerns with authority to file.

WATER RIGHT VALIDITY: Rights requested for rental are leased into the bank for a five-year term until 2028 and have been leased into the bank since 2014 and rented each year since 2020. No concerns with validity.

INJURY TO OTHER WATER RIGHTS: Ground water rental is within the BLR Ground Water District, and within the Eastern Snake Plain Aquifer (ESPA) model boundary, but outside of the ESPA area of common ground water. The move from the lease diversion to the proposed rental diversion is within the same lower reach of the BLR basin aquifer, south of Moore. Only ground water from right 34-2478 would be authorized under the rental, since 34-2500B is from a spring source. No injury through the use of this ground water right as supplemental to surface water is expected. ESPA modeling for the term requested was provided and was confirmed as requiring no mitigation.

ENLARGEMENT OF USE: Existing surface water right 34-14231 was developed for flood irrigation, and the corners outside the pivot are currently dry and leased into the bank. The rental requests rights 34-2478 and 34-2500B, but 34-2500B is from a spring source and will only be part of the rental to prevent enlargement concerns. No enlargement through this rental with RA 732 when surface water is curtailed is expected.

LOCAL PUBLIC INTEREST: There is a long history of interest in permanent transfers and water bank moves due to the relationship between the surface water and ground water within the Big Lost River basin, where at times during heavy irrigation and due to lack of precipitation the river will become separated from the shallow aquifer. This review has considered historic decisions used by the Department for moves of ground water within the BLR basin, and does not find that advertising would be necessary, apart from soliciting the watermaster and regional manager for comments.

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

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The location for the rental PD is subject to Water District # 34. A request for comments from the watermaster and Eastern Regional manager was sent via email on March 1, 2024.

ESPA ETRAN Modeling

To Cell: 27; 109

From Cell: 34; 110

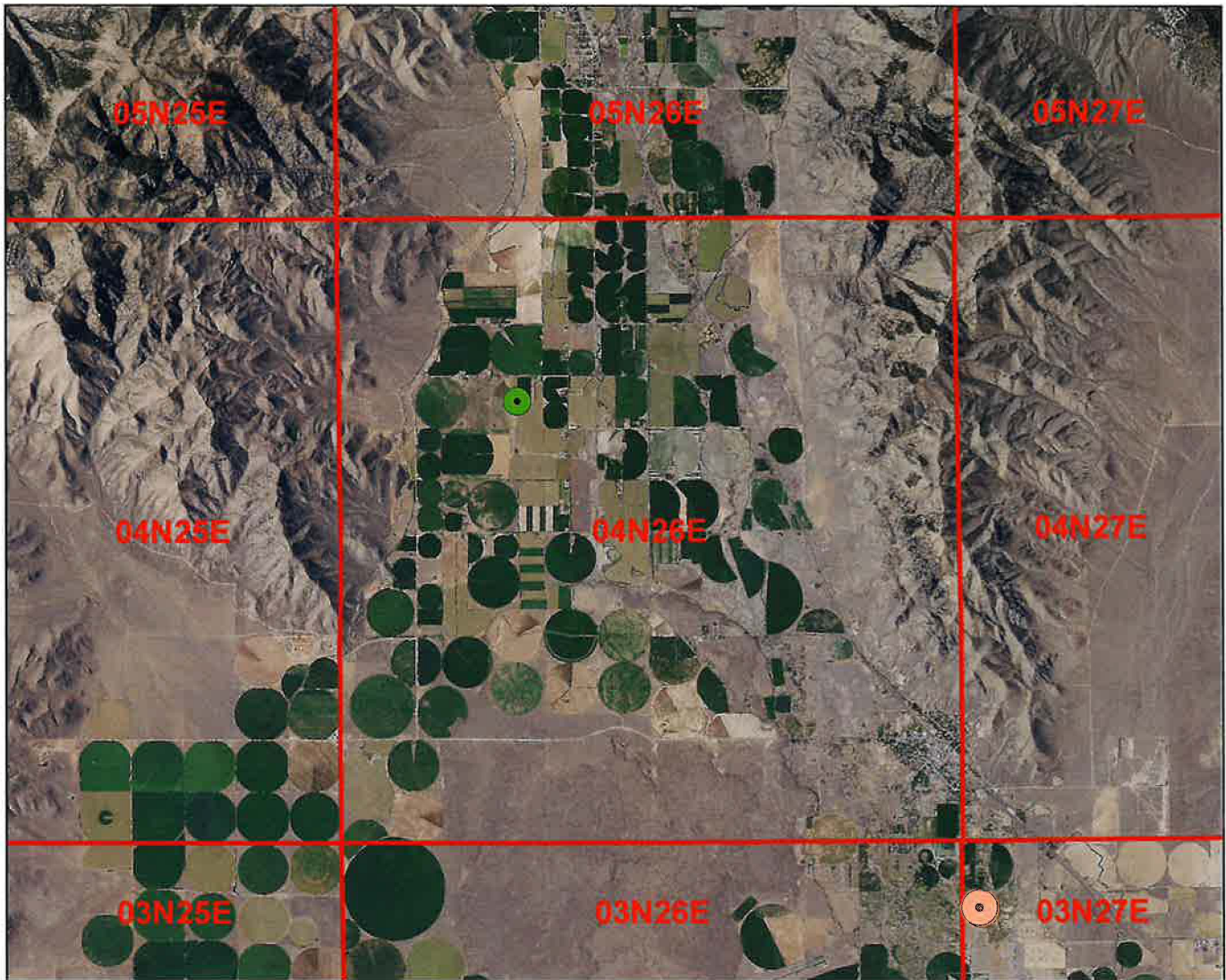
WR 34-2478 – 08/1966 – 0.76, 133af, 38ac, 0.02cfs/ac, 3.5af/ac – CU/Tri = 31.6

			Impact by Reach (AF/Trimester)											
Dedicated Vol AFA/ AFT	Model Node		Ashlon to Rexburg	Heise to Shelley	Shelley to Nr Blackft	Nr Blackft To Neeley	Neeley to Minidoka	Dev. Wbl To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft	
275.6	91.9	SP082075	0.54	0.81	3.70	14.32	0.70	2.13	1.72	0.79	0.73	0.84	0.11	
275.6	91.9	SP068066	0.54	0.81	3.71	14.37	0.71	2.14	1.73	0.79	0.74	0.84	0.11	
nsfer														
275.6	91.9	SP082075	0.54	0.81	3.70	14.32	0.70	2.13	1.72	0.79	0.73	0.84	0.11	
275.6	91.9	SP068066	0.54	0.81	3.71	14.37	0.71	2.14	1.73	0.79	0.74	0.84	0.11	
sis														
Mitigation Check 1 - >10% of Historical			0.2%	0.3%	0.3%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	
Mitigation Check 2: > 2 AFT			0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mitigation Check 3 - >10% of Total			2.1%	3.1%	14.0%	54.2%	2.7%	8.1%	6.5%	3.0%	2.8%	3.2%	0.4%	
Mitigation Required?			NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Mitigation Vol. Req'd (ac-ft)			0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
sis														
Mitigation Check 1 - >10% of Historical			0.2%	0.3%	0.3%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	
Mitigation Check 2: > 2.01 AFT			0.0	0.0	0.0	0.1	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	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Idaho Water Resource Board

WSB Move Map

34-2478 & 34-2500B
2024-2028



-  Active Water Supply Bank Lease POD
-  Active Water Supply Bank Rental POD
-  Township/Range
-  Sections



0 1 2 Miles