



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

June 6, 2025

FARMLAND RESERVE INC
60 E SOUTH TEMPLE STE 1600
SALT LAKE CITY, UT 94111-1029

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 43-13595 & 43-13597, AGREEMENT 951**

Dear Renter:

Please find enclosed a receipt in the amount of **\$5,808.00** in connection with the rental of 176 acre-feet of water for irrigation of 44 acres during 2025. Upon receipt of this letter, you are authorized to divert water in compliance with the conditions of water use described in your rental agreement.

Pursuant to the Water Supply Bank Rules, 90% or \$5,227.20 of the rental fee will be paid to the lessor(s) and 10% or \$413.44 will be retained by the Department to offset administrative costs.

If you have any questions, please contact this office at (208) 287-4800.

Sincerely,
Kris Margheim
Technical Records Specialist I
Water Supply Bank

Enclosure(s): Receipt No. C121526

c: Sascha Marston – Fiscal

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

WATER SUPPLY BANK RENTAL AGREEMENT No. 951

JUN 05 2025

DEPT. OF WATER RESOURCES

This is to certify that:

FARMLAND RESERVE INC
60 E SOUTH TEMPLE STE 1600
SALT LAKE CTY, UT 84111-1029

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)
43-13595	5/4/1978	GROUND WATER	0.08	20.0	5.0	0.016	4.0
43-13597	5/23/1962	GROUND WATER	0.01	9.2	2.3	0.006	4.0
Combined Limit Totals			0.08	29.2	7.3	0.011	4.0
35-14834	3/14/1975	GROUND WATER	0.73	146.8	36.7	0.020	4.0
Combined Rental Totals			0.81	176.0	44.0	0.018	4.0

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: \$5,808.00

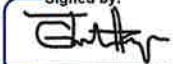
The full fee for the rental of the above-described right(s) is \$5,808.00 for 2025. The rental fee includes an administrative fee of \$580.80 for 2025.

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 951

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:

Signed by:

C67A8DB8802A4CB...
Signature of Renter

6/4/2025

Date

Trent Hooper
Printed Name

Director of Land

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, Executive Manager
Idaho Water Resource Board

Date

6/6/25

Rental approved by IDWR



Date

6/6/25

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 951

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NWNE Sec. 5, Twp 07S, Rge 29E, POWER County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.81 CFS

VOLUME
176.0 AF

SEASON OF USE

From To
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	
07S	29E	4							19.0	25.0									44.0

Total Acres: 44.0

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. Rental of right no. 43-13595 with right no. 43-13597 is limited to a total combined diversion rate of 0.08 cfs.
10. Rental of right no. 43-13595 with right no. 43-13597 is limited to the irrigation of a combined total of 7.3 acres in a single irrigation season.
11. Rental of right no. 35-14834 is limited to the irrigation of 36.7 acres within the authorized place of use in a single irrigation season.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 951

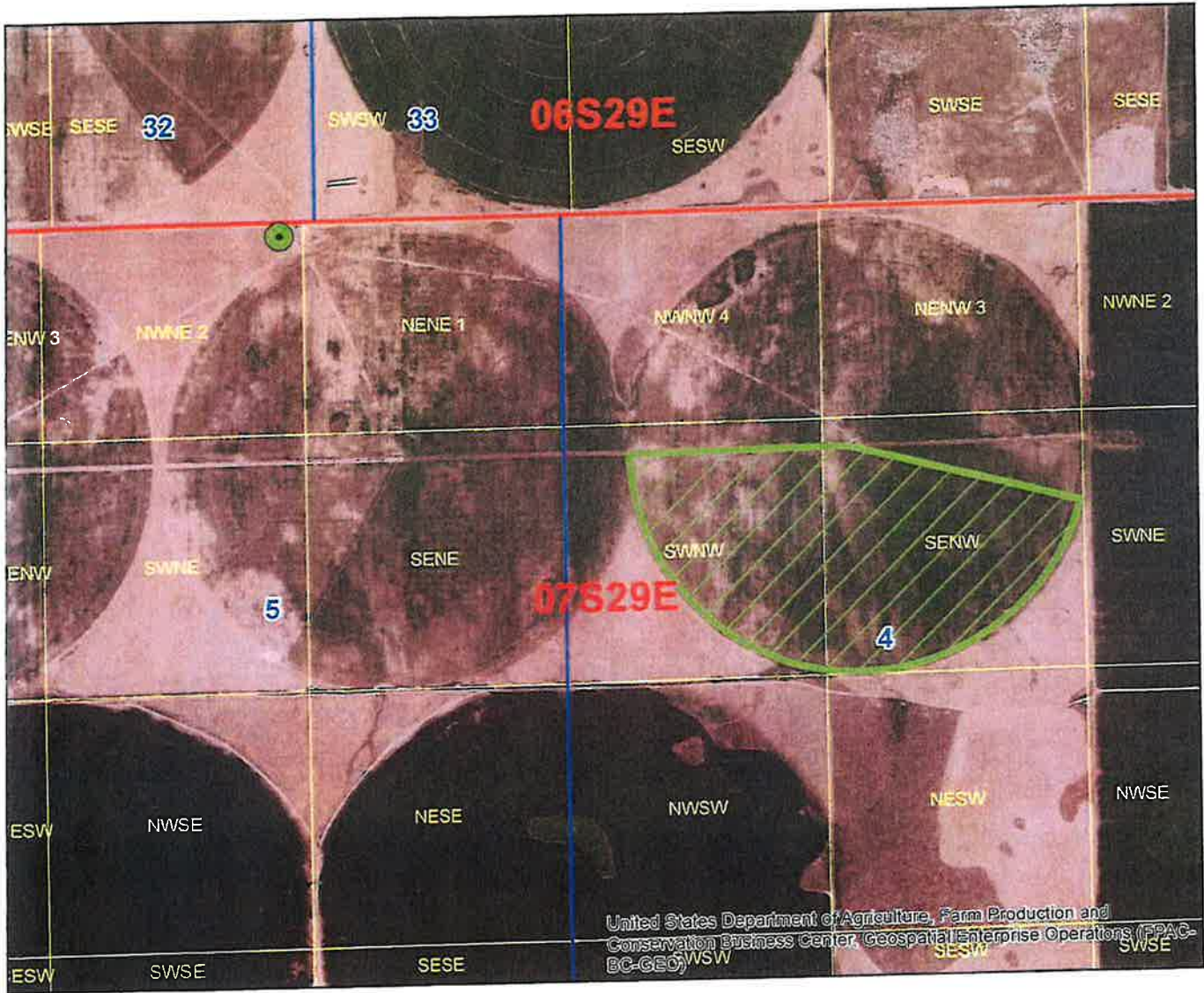
12. Right no. 35-14834 when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
13. Rental of rights 35-14834, 43-13595 and 43-13597 when combined shall not exceed a total diversion rate of 0.81 cfs, a total annual maximum diversion volume of 176.0 af at the field headgate, and the irrigation of 44.0 acres.
14. Rental of rights 35-14834, 43-13595 and 43-13597 under this agreement when combined with rental of rights 29-2489A and 29-10265 under Rental Agreement 872 during 2025 shall not exceed a total diversion rate of 1.7 cfs, a total annual maximum diversion volume of 368.5 af at the field headgate, and the irrigation of 92.2 acres.
15. Use of water under this right will 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.
16. 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.
17. Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
18. This rental agreement does not authorize the construction of a well.

Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 951

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



0 1,100 2,200 Feet

Idaho Department of Water Resources Receipt

Receipt ID: C121526

Payment Amount	\$5,808.00	Date Received	6/5/2025	Region	STATE
Payment Type	Check	Check Number	94297		
Payer	AGRESERVES, INC.				

Comments WATER SUPPLY BANK RENTAL AGREEMENT
RENTER NAME : FARMLAND RESERVE INC
RENTAL AGREEMENT # 951
FOR WR # 43-13595, 43-13597
FOR YEAR 2025

Fee Details

Amount	Description	PCA	Fund	Fund Detail	Subsidiary	Object
\$5,227.20	WATER BANK-OWNER SHARE	29512	0490	1		1205
\$580.80	WATER BANK-DEPARTMENT SHARE	55113	0229	21		1205


Signature Line (Department Representative)



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

May 23rd, 2025

FARMLAND RESERVE INC
60 E SOUTH TEMPLE
SUITE 1600
SALT LAKE CITY, UT 84111-1029

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 43-13595 AND 43-13597, AGREEMENT 951**

*****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 **\$5,808.000 per year** was calculated based on the current rental rate of \$33.00 per acre-foot times a diversion volume of 176 acre-feet. The annual rental fee for 2025 is due by December 31, 2025. 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 \$5,808.00 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 \$5,227.20 of the rental fee will be paid to the lessor(s) and 10% or \$580.80 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,

Kris Margheim
TRS 1
Idaho Dept. of Water Resources

Enclosure: Proposed Rental Agreement

cc: IDWR Front Desk (via email)
bank@idwr.idaho.gov
Greg Sullivan Brockway Engineering

STATE OF IDAHO
WATER RESOURCE BOARDAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKField 1178
RECEIVED

DEC 16 2024

DEPARTMENT OF
WATER RESOURCESApplicant Name: Farmland Reserve, Inc

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)

35-7489 43-13597

43-13595

3144

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

- A. Applicant Farmland Reserve, Inc
- Mailing Address 79 S Main Street, Suite 1000, Salt Lake City, UT 84111
- Street City State Zip Code
- Email Address _____ Phone Number (801) 715-9100
- 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 Greg Sullivan Professional Title Engineer
- Organization Brockway Engineering Relationship to Applicant Consultant
- Mailing Address 2016 North Washington Street, Suite 4 Twin Falls, Idaho 83301
- Email Address greg.sullivan@brockwayeng.com Phone Number 208-736-8543

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**:
- Existing well, mainline and delivery system.

- 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)
0.88 CFS	176 AF	0.88 CFS	176 AF	44.0 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?	
4/1/2025	7/1/2025	☒	☐	☐	☐	☐	☒ Process application as soon as possible	☐ Return application to applicant
		1	2	3	4	5		

* 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, mainline and delivery 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
07S 29E Sec 5 NWNE	Ground Water	35-14089 et al

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 44.0 (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:
None.

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)
35-7489	Irrigation	0.73	146.8	36.7		0.73	146.8	36.7
43-13595	Irrigation	5.0	1209.6	302.4		0.08	20.0	5.0
43-13597	Irrigation	0.89	580.4	145.1		0.01	9.2	2.3
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	08.2	176.0	44.0
						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**:

N/A

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 attempts to secure permanent water has not been successful.

- 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 ☒

- 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

None.

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

Scott Baird
Printed Name of Applicant

12/4/24
Date

Signature of Representative

Printed Name of Representative

Date

Mail to:

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



0 500 1,000 Feet

FARMLAND RESERVE 2025 RENTAL NAIP 2023 AERIAL

Legend
● Wells
2025 Rentals



Pre-SS	100.00%
Post-SS	100.00%

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
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WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
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Transfer 1: Worst Case Transient State Impacts following Transfer

Transfer 1: Worst Case Transient State Impacts following Transfer

Mitigation Check 1 - >10% of
Mitigation Check 2
Mitigation Check 3 - >10% of
Mitigation
Mitigation Vol. R

Mitigation Check 1 - >10% of
Mitigation Check 2
Mitigation Check 3 - >10% of
Mitigation
Mitigation Vol. R

Mitigation Check 1 - >10% of Mitigation Check 2: >	Mitigation Mitigation Vol. R
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Mitigation Check 1 - >10% of Mitigation Check 2: >	Mitigation Mitigation Vol. R
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Pre-SS	Post-SS
0.00%	0.00%

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
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Transfer 1: Worst Case Transient State Impacts following Transfer

Transfer 1: Worst Case Transient State Impacts following Transfer

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Downloaded from <http://ajphaphysocpharm.sagepub.com/> at 11:06 11 November 2014

Mitigation Check 1 - >10% of
Mitigation Check 2
Mitigation Check 3 - >10% of
Mitigation
Mitigation Vol. R

Mitigation Check 1 - >10% of
Mitigation Check 2
Mitigation Check 3 - >10% of
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Mitigation Vol. R

Mitigation Check 1 - >10% of Mitigation Check 2: >	Mitigation Mitigation Vol. R
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Mitigation Check 1 - >10% of Mitigation Check 2: >	Mitigation Mitigation Vol. R
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Pre-SS	100.00%
Post-SS	100.00%

	Impact by Reach (AF/Trimester)						
	Ashton to Rexburg	Haise to Shelley	Nr Bkft to Neeley	To Mindoka	Dev. Wbl. To Buhl	Kspr Kspr	Malad to Bancroft

	Pre-SS	128	6.91	28.71	3.67	0.88	0.71	0.32	0.30	0.34	0.05
	Post-SS	128	6.91	28.71	3.67	0.88	0.71	0.32	0.30	0.34	0.05
Pre-TS	0.77	1.28	6.91	28.71	3.67	0.88	0.71	0.32	0.30	0.34	0.05
Post-TS	0.77	1.28	6.93	29.65	3.67	0.94	0.76	0.34	0.32	0.36	0.05

[illegible]

	0.0%	0.0%	0.0%	0.3%	3.3%	0.0%	6.0%	6.0%	6.0%	6.0%	6.0%	4.6%
historical:	0.0%	0.0%	0.0%	0.0%	0.9	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0
11 AFT:	0.0	0.0	0.0	0.0	0.9	0.00	0.1	0.04	0.0	0.0	0.0	0.0
quired?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
d (ac-ft):	0.0	0.0	0.0	0.0	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Pre-SS	Post-SS
0.00%	0.00%

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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:

0

YEAR

1950

TRANSFER NAME:

SEASON

SPRING

ENTER CELL LOCATIONS:

	TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	82	76	92	0
COLUMN	93	115	71	0

36.7

110.1

7.3

21.9

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 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1962	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1962	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1962	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1963	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1963	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1963	0.0	0.0	0.0	2.3	2.3	0.0	0.0

SPR 1964	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1964	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1964	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1965	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1965	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1965	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1966	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1966	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1966	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1967	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1967	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1967	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1968	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1968	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1968	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1969	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1969	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1969	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1970	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1970	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1970	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1971	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1971	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1971	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1972	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1972	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1972	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1973	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1973	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1973	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1974	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SUM 1974	0.0	0.0	0.0	2.3	2.3	0.0	0.0
WIN 1974	0.0	0.0	0.0	2.3	2.3	0.0	0.0
SPR 1975	0.0	36.7	36.7	2.3	2.3	0.0	0.0
SUM 1975	0.0	36.7	36.7	2.3	2.3	0.0	0.0
WIN 1975	0.0	36.7	36.7	2.3	2.3	0.0	0.0
SPR 1976	0.0	36.7	36.7	2.3	2.3	0.0	0.0
SUM 1976	0.0	36.7	36.7	2.3	2.3	0.0	0.0
WIN 1976	0.0	36.7	36.7	2.3	2.3	0.0	0.0
SPR 1977	0.0	36.7	36.7	2.3	2.3	0.0	0.0
SUM 1977	0.0	36.7	36.7	2.3	2.3	0.0	0.0
WIN 1977	0.0	36.7	36.7	2.3	2.3	0.0	0.0
SPR 1978	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1978	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1978	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1979	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1979	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1979	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1980	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1980	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1980	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1981	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1981	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1981	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1982	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1982	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1982	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1983	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1983	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1983	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1984	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1984	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1984	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1985	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1985	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1985	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1986	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1986	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1986	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1987	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1987	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1987	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 1988	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 1988	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 1988	0.0	36.7	36.7	7.3	7.3	0.0	0.0

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SPR 2014	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2014	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2014	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2015	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2015	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2015	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2016	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2016	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2016	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2017	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2017	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2017	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2018	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2018	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2018	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2019	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2019	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2019	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2020	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2020	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2020	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2021	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2021	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2021	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2022	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2022	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2022	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2023	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2023	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2023	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2024	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2024	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2024	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2025	44.0	0.0	36.7	0.0	7.3	0.0	0.0
SUM 2025	44.0	0.0	36.7	0.0	7.3	0.0	0.0
WIN 2025	44.0	0.0	36.7	0.0	7.3	0.0	0.0
SPR 2026	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2026	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2026	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2027	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2027	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2027	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2028	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2028	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2028	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2029	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2029	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2029	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2030	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2030	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2030	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2031	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2031	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2031	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2032	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2032	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2032	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2033	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2033	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2033	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2034	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2034	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2034	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2035	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2035	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2035	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2036	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2036	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2036	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2037	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2037	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2037	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2038	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2038	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2038	0.0	36.7	36.7	7.3	7.3	0.0	0.0

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SPR 2089	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2089	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2089	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2090	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2090	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2090	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2091	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2091	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2091	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2092	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2092	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2092	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2093	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2093	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2093	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2094	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2094	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2094	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2095	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2095	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2095	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2096	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2096	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2096	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2097	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2097	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2097	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2098	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2098	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2098	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SPR 2099	0.0	36.7	36.7	7.3	7.3	0.0	0.0
SUM 2099	0.0	36.7	36.7	7.3	7.3	0.0	0.0
WIN 2099	0.0	36.7	36.7	7.3	7.3	0.0	0.0

MEMORANDUM FOR APPLICATION # 3144 / AGREEMENT # 951

To: Water Right(s) 35-14834 (35-7489), 43-13595, 43-13597
From: Mary Condon
Date: May 8, 2025
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: Application to rent specific ground water rights within the Eastern Snake Plain Aquifer Ground Water Management Area (ESPA GWMA) for irrigation of 44 acres during 2025 only received on December 16, 2024.

Previously approved Rental Agreement 505 of the same requested water rights 35-7489, 43-13595, 43-13597 and from the same applicant was in place for years 2021-2025 but on different lands before it was cancelled by the renter on 12/16/2024 to move the rented acres to different acres under this new rental application. An overpayment of \$0.20 (twenty cents) from receipt C117452 on cancelled rental agreement 505 will be credited to this new agreement upon approval.

AUTHORITY TO FILE: Application to rent was completed by the applicants' consultant, Greg Sullivan with Brockway Engineering, and was signed by Scott Baird. Mr. Baird is a recognized authority to sign on behalf of the applicant, Farmland Reserve, Inc. Rental place of use and diversion well are on lands owned by Farmland Reserve, Inc., according to Power County tax lot data. No concerns with authority to file.

WATER RIGHT VALIDITY: The rental applicant requests water right 35-7489, but rental will be filled with child right 35-14834 from the same Lease Contract 1361. Water right 35-14834 is fully leased into the bank, but in two parts under different contracts, with 36.7 acres under Lease Contract 1361 for years 2021-2025 and the remaining 39.8 acres under Lease Contract 1870, for years 2024-2025. The leased acres under Lease Contract 1361 were originally under requested water right 35-7489 until a change of ownership in 2023 split a 76.5 acre portion into child right 35-14834, including the entire 36.7 acres leased into the bank. Parent right 35-7489 and child right 35-14834 were fully rented each year in 2021 through 2024. Pursuant to Section 42-1764, Idaho Code, there are no concerns with validity.

Water rights 43-13595 and 43-13597 are fully leased into the bank for the years 2021 through 2025 and have been fully rented each year. It should be noted that the combined limits of the rights were rounded in error on the face of the lease contract, and the total acres leased is the sum of the two rights, equal to 447.5 acres. Pursuant to Section 42-1764, Idaho Code, there are no concerns with validity.

INJURY TO OTHER WATER RIGHTS: Existing water rights from the rental POD are 35-14243, 35-14857, 35-14874, 35-13608, 35-14081, 35-14084, 35-14089, 35-14092, along with previously approved Rental Agreements 871, 872, and 878 for years 2024 – 2025, all held by Farmland Reserve Inc.

The rental applicant requests to again rent specific ground water rights 43-13595 and 43-13597. The leased location of the diversion wells are located just outside the ESPA area of common ground water supply, but within 2 grid cells (2 miles) of the ESPA model boundary¹.

¹ The question of evaluating future rentals of these rights from outside the area of common ground water supply to inside the boundary has been discussed with the Idaho Water Resource Board ("Board") on two recorded occasions (IWRB Water Supply Bank Special Committee Meeting 2-22, July 12, 2022, and IWRB Board Meeting 7-22, July 21, 2022) and the Board has not made a motion to detour from the current Department guidance. The Board and the Director of the IDWR retain authority to cancel a rental prior to the end of a rental year if the rental does not support a ground water management plan adopted by the department.

The current Water Supply Bank ETRAN modeling guidance allows for considering moves within 2 grid cells of the boundary, so long as the aquifers are considered connected.² Water rights 43-13595 and 43-13597 were rented under previously approved Rental Agreement 505, along with requested right 35-7489, which was cancelled by the renter to make the same rights available for this new rental. Additionally, the requested water rights 43-13595 and 43-13597 have been split multiple times prior to the current lease, with the child rights transferred to within Basin 35 and subsequently renumbered to Basin 35 water rights.

Requested child right 35-14834 (35-7489) is leased in the same administrative basin as the proposed rental diversion, and all three requested water rights and the rental POD are within the Trust Water Area.

Due to the request to rent ground water rights within the ESPA GWMA and model boundary, ETRAN modeling and mitigation analysis of the requested water rights is required as part of the rental application. Review staff verified modeling data entry and finds no mitigation is required. See ESPA Calculations and results at end of memo. Injury to other water rights from this rental is not expected.

ENLARGEMENT OF USE: The rental is proposed to partially cover an approximate 100-acre pivot in place of existing water right 35-14243 with a 2012 priority date. The cover letter provided with the rental application states that the mitigation required to allow diversion under the existing water right will not be secured and a rental of a senior right is required in order to provide irrigation water.

Additionally, this rental would be used in conjunction with active Rental Agreement 872 of water rights 29-2489A and 29-10265, which cover a separate 48.2 acres within the pivot, at a rate of 0.018 cfs per acre and a diversion volume equal to the area standard headgate of 4.0 af/acre. The sum of Rental Agreement 872 with this rental application would cover a total of 92.2 acres ($44 + 48.2 = 92.2$), with an equal flow rate and area standard field headgate. No enlargement of the rented rights is expected through this rental.

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 is for a beneficial use.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The location for the rental PD is within IDWR Eastern Region, within the boundaries of the Aberdeen American Falls GWD, and is subject to Water District # 120. An email soliciting comments or concerns was sent to the regional manager and watermaster on May 15, 2025.

ESPA CALCULATIONS AND MITIGATION ANALYSIS:

Rental Request – Start 2025 only; Grid Cell R80, C72; TO Well – 44 acres authorized

Rental Totals: 44 acres @ HG 4.0 af/ac & CU 3.0 af/ac = 44 af per trimester

FROM Well 1: R91, C69; 8.3 acres and 8.3 af per trimester CU

FROM Well 2: R76, C115; 36.7 acres and 36.7 af per trimester CU

² The Raft River Basin (43) is connected and tributary to the ESPA. [Amended Snake River Basin Moratorium Order | ESPA Moratorium | October 21, 2022](#), p 6.

Modeling Calculations - No Mitigation or offset

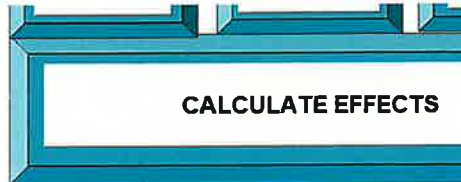
TO WELL	FROM WELL 1	FROM WELL 2	Water Right	Priority Date	Rented Acres
84; 92	91; 69		43-13597	5/23/1962	2.3
84; 92	91; 69		43-13595	5/4/1978	5
84; 92		76; 115	35-14834	3/14/1975	36.7
Totals			App 3144	2025	44

Rented Acres	Consumptive Use Volume			
2.3	Acres x	3	AF/AC =	6.9 AFY
5	Acres x	3	AF/AC =	15.0 AFY
36.7	Acres x	3	AF/AC =	110.1 AFY
44	Acres x	3	AF/AC =	132.0 AFY

Consumptive Use per Trimester			
6.9	AFY / 3 =	2.3	AF
15.0	AFY / 3 =	5.0	AF
110.1	AFY / 3 =	36.7	AF
132.0	AFY / 3 =	44.0	AF

ENTER STARTING DATE FOR
SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON
YEAR 1962
SEASON SPRING

TRANSFER NO: 3144
TRANSFER NAME: Farmland 44 ac



ENTER CELL LOCATIONS:				
	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	84	91	76	0
COLUMN	92	69	115	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1962	0.00	2.30	2.30	0.00	0.00
SUM 1962	0.00	2.30	2.30	0.00	0.00
WIN 1962	0.00	2.30	2.30	0.00	0.00
SPR 1963	0.00	2.30	2.30	0.00	0.00
SUM 1974	0.00	2.30	2.30	0.00	0.00
WIN 1974	0.00	2.30	2.30	0.00	0.00
SPR 1975	0.00	2.30	2.30	36.70	36.70
SUM 1975	0.00	2.30	2.30	36.70	36.70
WIN 1975	0.00	2.30	2.30	36.70	36.70
SPR 1976	0.00	2.30	2.30	36.70	36.70
SUM 1976	0.00	2.30	2.30	36.70	36.70
WIN 1976	0.00	2.30	2.30	36.70	36.70
SPR 1977	0.00	2.30	2.30	36.70	36.70
SUM 1977	0.00	2.30	2.30	36.70	36.70
WIN 1977	0.00	2.30	2.30	36.70	36.70
SPR 1978	0.00	2.30	2.30	36.70	36.70
SUM 1978	0.00	7.30	7.30	36.70	36.70
WIN 1978	0.00	7.30	7.30	36.70	36.70
SUM 2024	0.00	7.30	7.30	36.70	36.70
WIN 2024	0.00	7.30	7.30	36.70	36.70
SPR 2025	44.00	0.00	7.30	0.00	36.70
SUM 2025	44.00	0.00	7.30	0.00	36.70
WIN 2025	44.00	0.00	7.30	0.00	36.70
SPR 2026	0.00	7.30	7.30	36.70	36.70
SUM 2026	0.00	7.30	7.30	36.70	36.70

Mitigation

Trimester

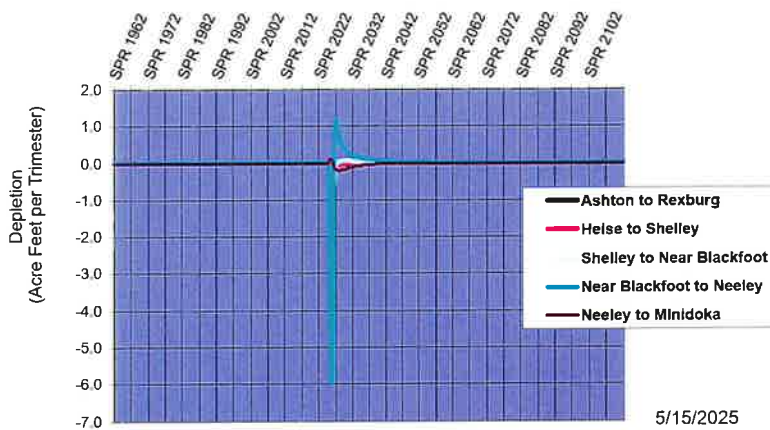
One-Way Analysis of Independent Transfers

New Water Right (GModelo):

WR No	POD Location	Dedicated Vol AFA/ AFT	Model Node	Impact by Reach (AF/Trimester)											
				Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blackft	Nr Blackft To Neeley	Neeley to Minidoka	Dev Wash To Buhl	Buhl to Kspr	Kspr to Malad	Malad to Bancroft			
Transfer 1: Proposed Steady State Impacts following Transfer															
???	8S26E-3	275.6	91.9	SP082075	0.78	1.29	6.98	29.02	2.93	1.00	0.81	0.37	0.34	0.39	0.05
???	8S26E-3	275.6	91.9	SP068066	0.78	1.29	6.98	29.02	2.93	1.00	0.81	0.37	0.34	0.39	0.05
Transfer 1: Worst Case Transient State Impacts following Transfer															
???	8S26E-3	275.6	91.9	SP082075	0.78	1.29	6.98	29.02	2.93	1.00	0.81	0.37	0.34	0.39	0.05
???	8S26E-3	275.6	91.9	SP088066	0.78	1.29	7.00	30.05	3.01	1.04	0.84	0.38	0.35	0.40	0.05

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%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2 - > 2 AF/T	0.0	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	1.8%	2.9%	15.9%	66.0%	6.7%	2.3%	1.8%	0.8%	0.8%	0.9%	0.1%	0.1%
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Transient State Analysis	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	0.0	0.0
	Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.3%	3.5%	2.8%	3.9%	3.9%	3.9%	3.9%	3.9%	2.7%	2.7%
	Mitigation Check 2 - > 2.01 AF/T	0.0	0.0	0.0	1.0	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	NO
Read Me	Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

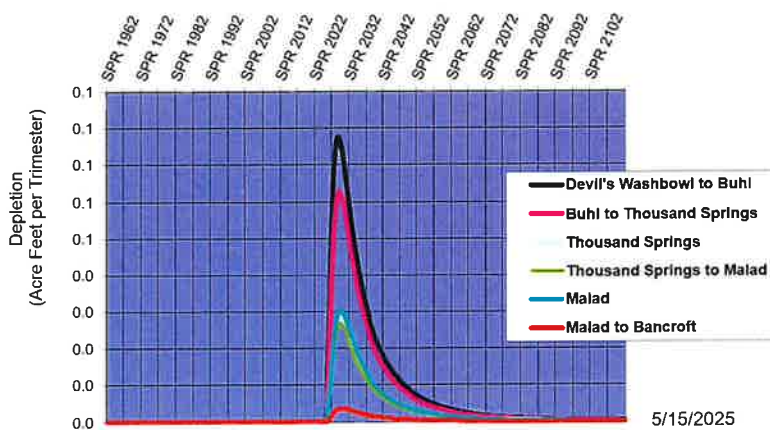
Net Transfer Effect Above Milner
(Total Effect With Transfer - Total Effect Without Transfer)



Customer Name: Farmland 44 ac

Transfer No: 3144

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



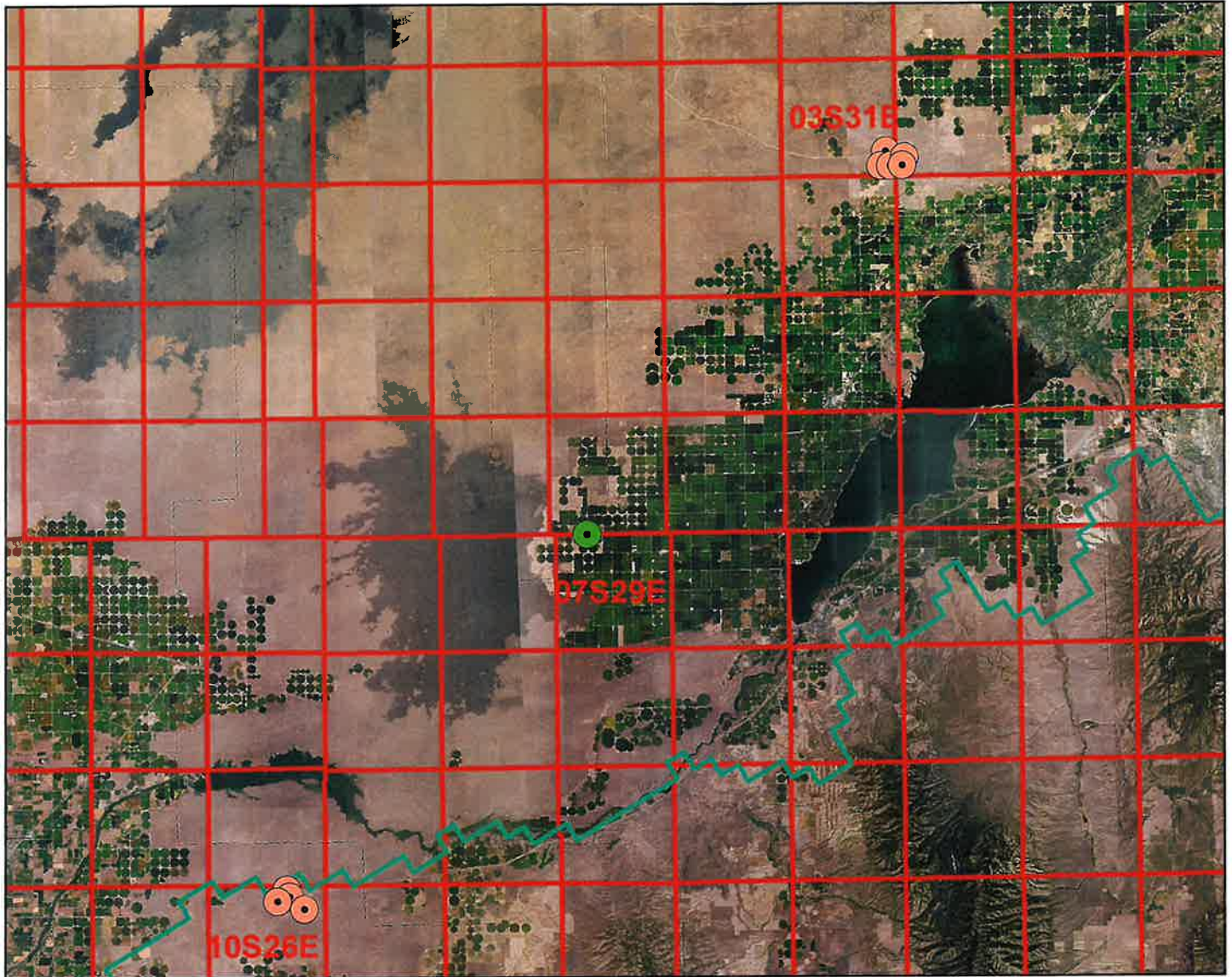
Customer Name: Farmland 44 ac

Transfer No: 3144

Idaho Water Resource Board

WSB Move Map - Rental Application 3144

35-14834, 43-13595, 43-13597
2025



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



0 10 20 Miles

From: [Condon, Mary](#)
To: [Cefalo, James](#); [Jordan, Blake](#)
Cc: [Bank](#)
Subject: Rental Review App 3144 - Farmland Reserve Inc - WD 120
Date: Thursday, May 15, 2025 1:57:00 PM
Attachments: [image001.png](#)
[Rental Review Memo App 3144.docx](#)
[Move Map App 3144.pdf](#)
[Rental Map - RApp 3144.pdf](#)
[WSB Rental Application 3144 Farmland Reserve Inc \(1\).pdf](#)

Good afternoon,

Please see the attached review memo, move map, rental map, and original rental application for a one-year rental of 44 acres for irrigation during 2025, and kindly reply with comments or concerns within 10 days. This rental is proposed on lands currently covered by junior water right 35-14243 that will not be diverted and will instead be combined with existing Rental Agreement 872 to complete a pivot. Existing water rights from the rental POD are 35-14243, 35-14857, 35-14874, 35-13608, 35-14081, 35-14084, 35-14089, 35-14092, along with previously approved Rental Agreements 871, 872, and 878 for years 2024 - 2025.

Thank you,

Mary

Mary Condon
Project Manager I
Planning & Projects Bureau



IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front St
Boise Idaho 83702
(208) 287-4800
Direct: (208) 287-4936
bank@idwr.idaho.gov

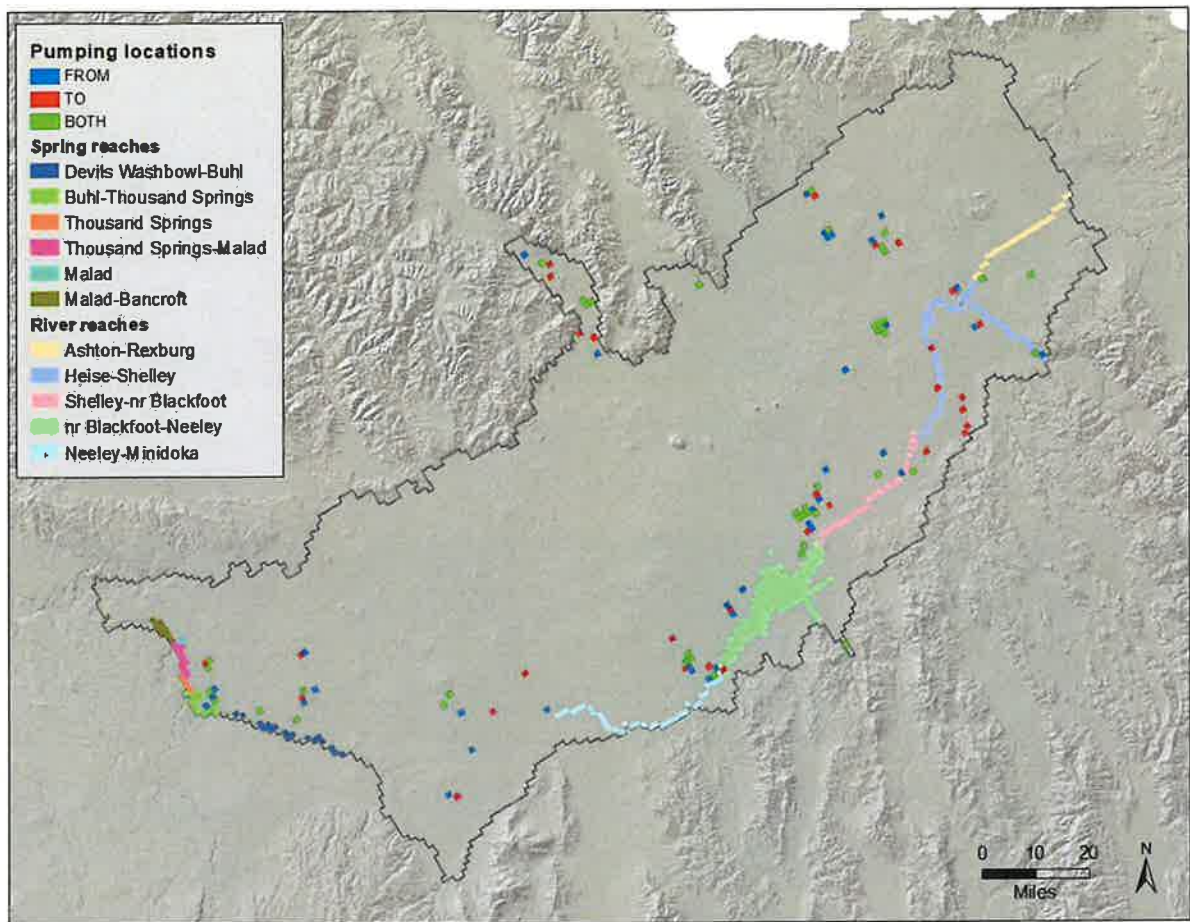


Figure 1. Locations of TO and FROM wells for transfers approved between October 1, 2022 and September 30, 2023

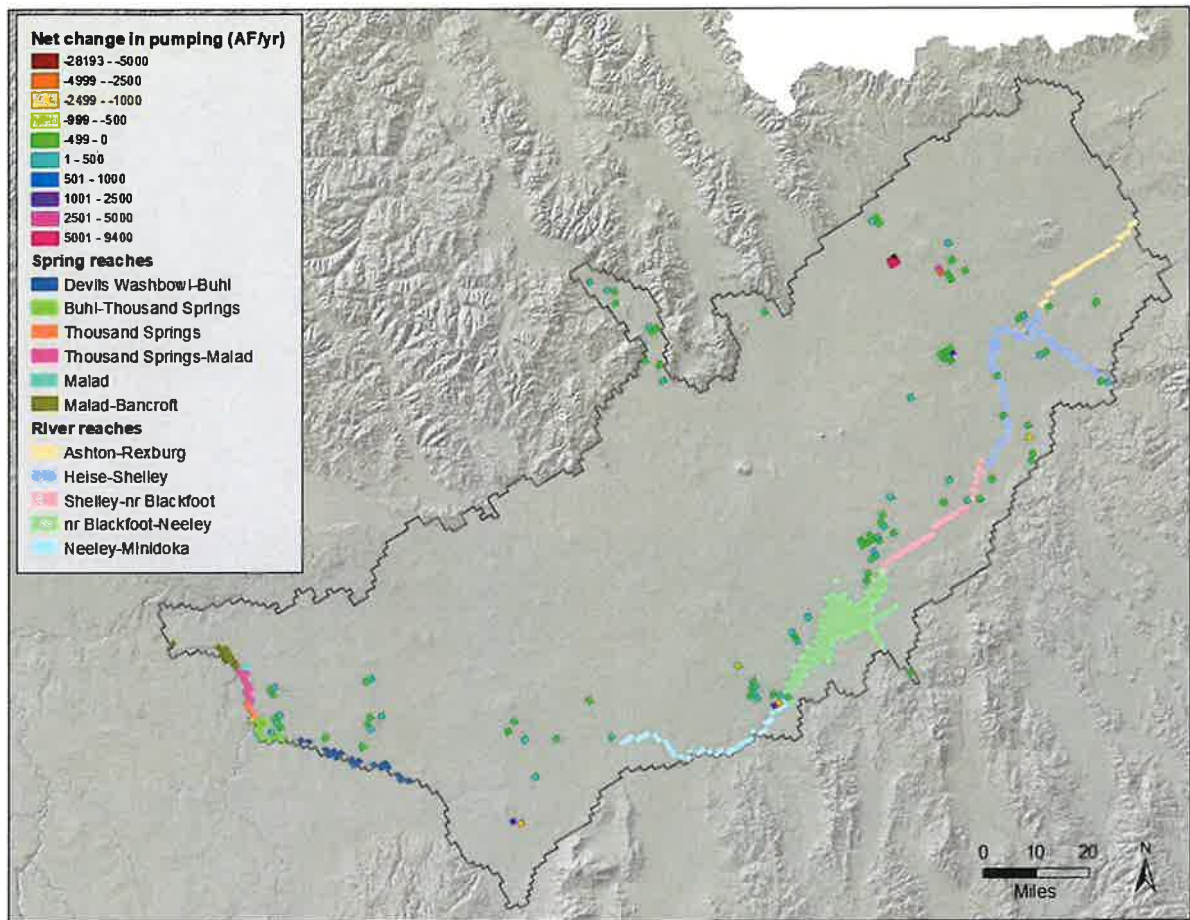


Figure 2. Net change in pumping resulting from transfers approved between October 1, 2022 and September 30, 2023

For the cumulative review, changes in pumping resulting from the recently approved transfers were added to changes in pumping resulting from the 667 transfers analyzed previously in Sukow (2023). The updated analysis includes a total of 743 transfers. Figure 3 shows the locations of model cells with TO and FROM wells representing the transfers approved between January 1, 2012 and September 30, 2023. Figure 4 shows the cumulative change in annual pumping volume by model cell for these transfers.

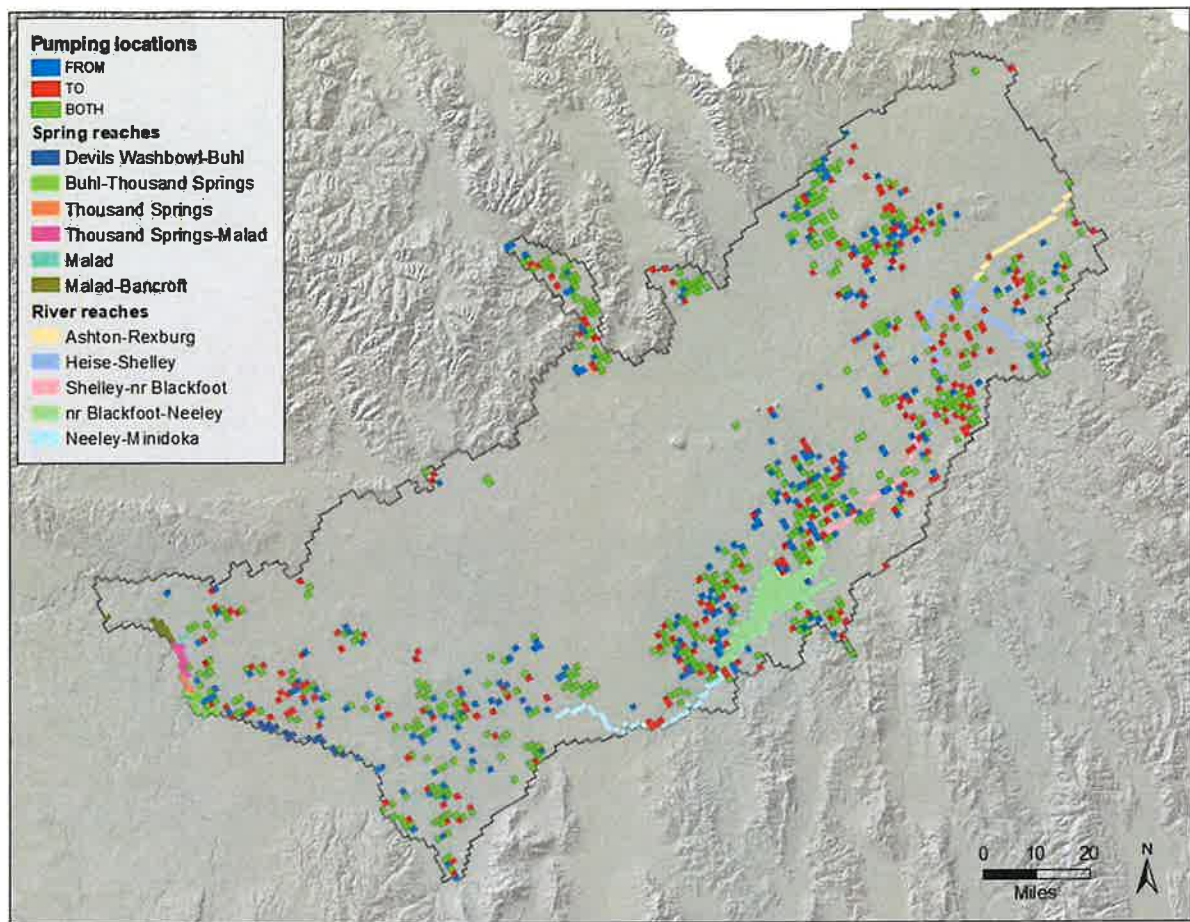


Figure 3. Location of TO and FROM wells for transfers approved between January 1, 2012 and September 30, 2023

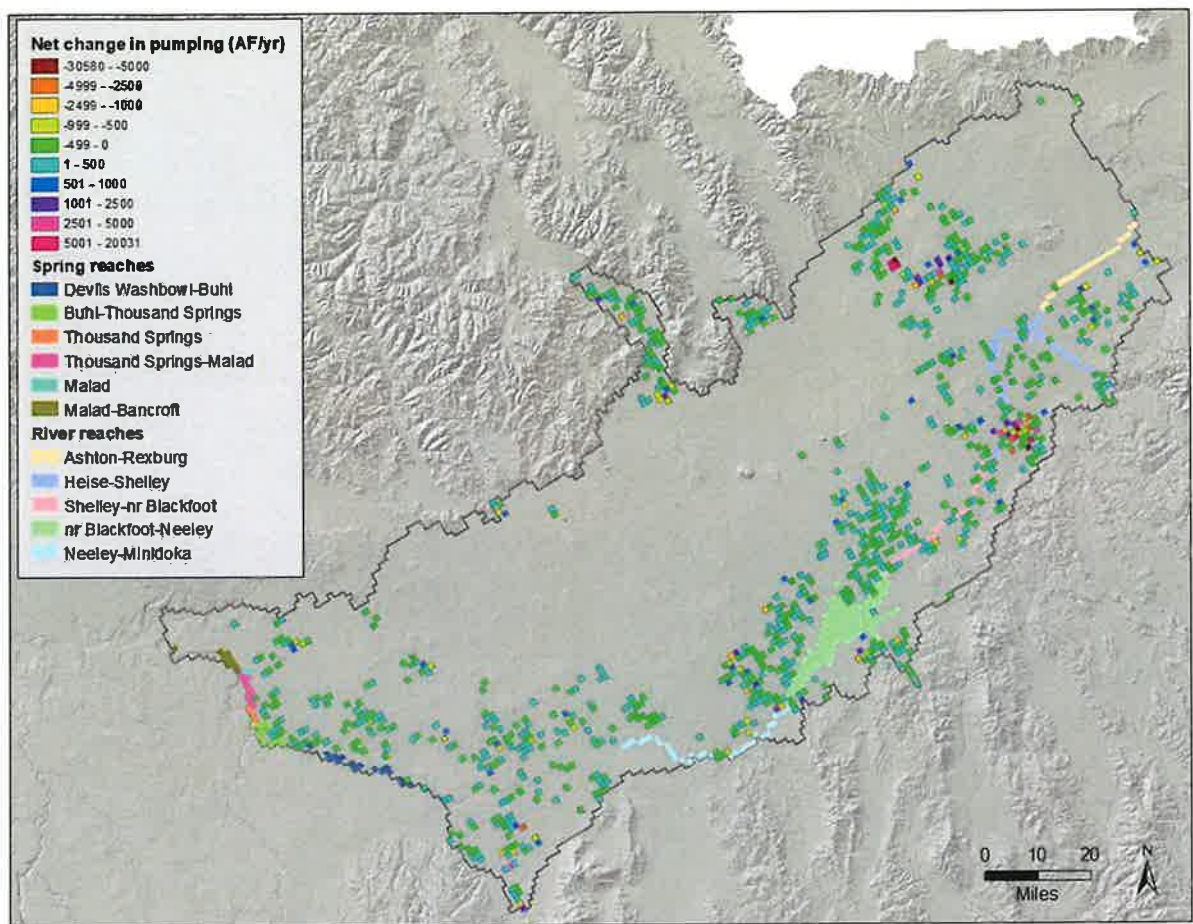


Figure 4. Net change in pumping resulting from transfers approved between January 1, 2012 and September 30, 2023

Most transfers involve relatively small amounts of water (Figure 5) or move points of diversion a relatively short distance (Figure 6). Figure 7 shows the cumulative volume of water transferred by the average distance between TO and FROM wells. Because mitigation was required for some transfers with longer distances, the cumulative TO volumes are less than the cumulative FROM volumes for all categories greater than one mile.

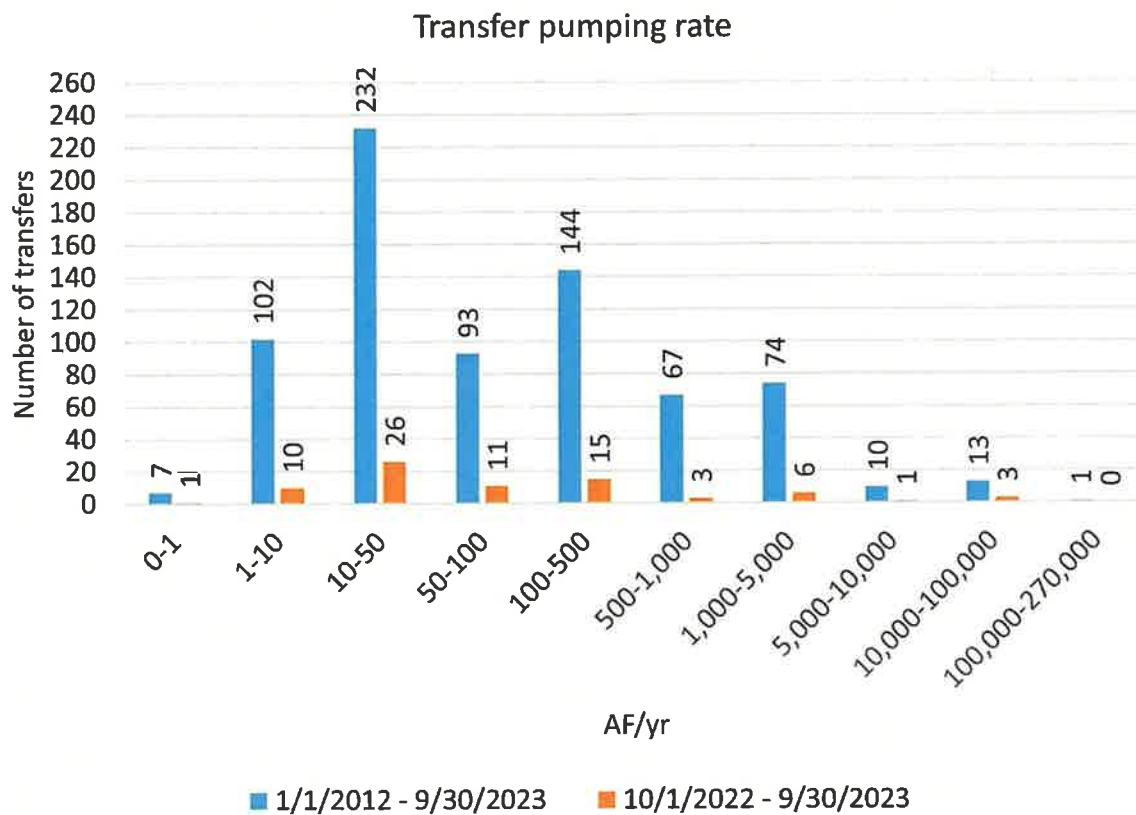


Figure 5. Transfer pumping volume

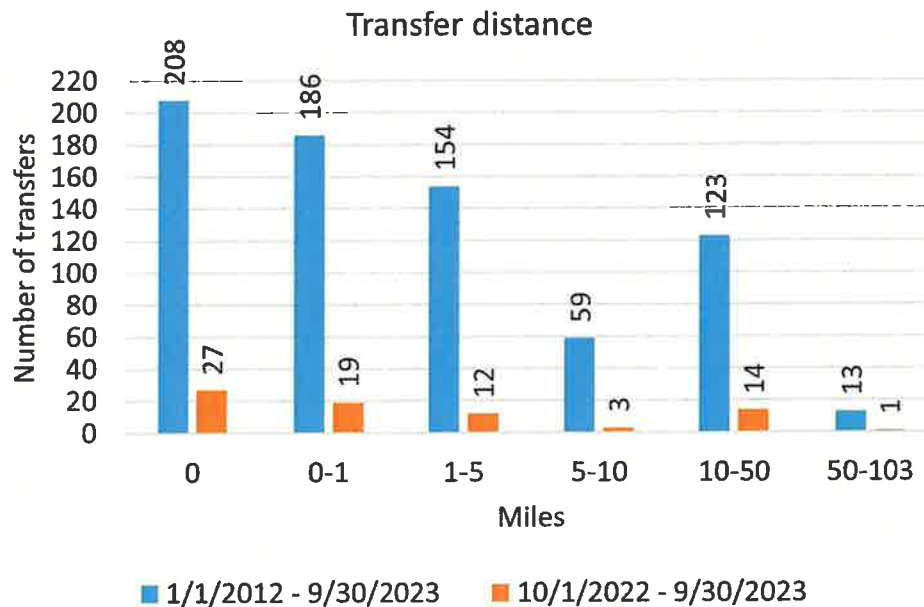


Figure 6. Average distance between TO and FROM wells

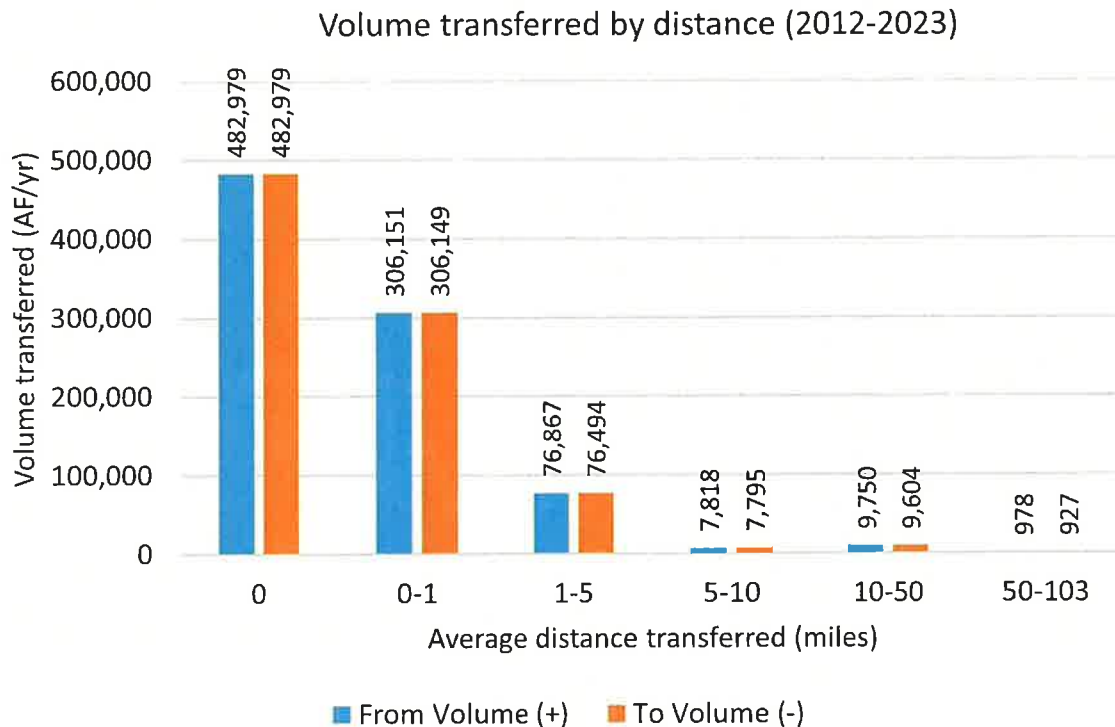


Figure 7. Cumulative volume transferred by distance transferred (1/1/2012 – 9/30/2023)

The Eastern Snake Plain Aquifer Model version 2.2 (ESPAM2.2)² was used to simulate the cumulative effects of the transfers on steady-state reach gains equivalent to the reaches represented in the ESPA Model Transfer Spreadsheet (ETRAN), which is commonly used as a tool by transfer applicants and Water Allocation Bureau staff to analyze the hydrologic impacts of individual transfers. ETRAN simulates the effects of changes in pumping location using the ESPAM2.2 groundwater flow model, but the ETRAN user interface only supports the simulation of a limited number of points of diversion. Because the cumulative analysis requires simulation of a large number of points of diversion, ESPAM2.2 was used with other pre- and post-processing tools to perform the analyses.

Transfer data provided by Water Allocation Bureau staff were reformatted to create MODFLOW input files. FROM wells were represented as a positive stress to simulate a decrease in pumping at these locations. TO wells were represented as a negative stress to simulate an increase in

² Sukow, J., 2021. *Model Calibration Report, Eastern Snake Plain Aquifer Model Version 2.2*, Idaho Department of Water Resources, May 2021, 226 p., https://research.idwr.idaho.gov/files/projects/espam/browse/ESPAM22_Reports/ModelCalibrationRpt/.

pumping at these locations. The superposition version of ESPAM2.2³ was used to simulate the effects of the changes in pumping at steady state.

The cumulative effect of changes in pumping on reach gains in each of the eleven reaches of the Snake River was extracted from the model output. Results are summarized in Table 1. Changes in reach gains resulting from the transfers are very small compared to average reach gains (less than +/- 1.5%). The largest changes are an increase of 1,794 AF/yr (2.5 cfs) in the near Blackfoot to Neeley reach and a decrease of 910 AF/yr (-1.3 cfs) in the Neeley to Minidoka reach. The cumulative effect on the near Blackfoot to Minidoka reach is an increase of 884 AF/yr (1.2 cfs).

Table 1. Cumulative effect of transfers approved between January 1, 2012 and September 30, 2023 on reach gains in the Snake River

Reach	Transfer Impact		Average Reach Gain ⁴		% change in reach gain
	(AF/yr)	(cfs)	(AF/yr)	(cfs)	
Ashton-Rexburg	269	0.37	-19,756	-27	1.36%
Heise-Shelley	-150	-0.21	-214,459	-296	-0.07%
Shelley-Near Blackfoot	-403	-0.56	-400,694	-553	-0.10%
Subtotal above nr Blackfoot	-285	-0.39	-634,908	-876	-0.04%
Near Blackfoot-Neeley	1,794	2.48	1,720,822	2,375	0.10%
Neeley-Minidoka	-910	-1.26	71,706	99	-1.27%
Subtotal nr Blackfoot-Minidoka	884	1.22	1,792,528	2,474	0.05%
Devil's Washbowl -Buhl	-26	-0.04	787,690	1,087	0.00%
Buhl-Thousand Springs	-34	-0.05			
Thousand Springs	2	0.00			
Thousand Springs-Malad	9	0.01			
Malad	38	0.05			
Malad-Bancroft	8	0.01			
Subtotal Kimberly-King Hill	-3	0.00	4,248,456	5,864	0.00%
Total	596	0.82	5,406,075	7,462	0.01%

³ Sukow, J., 2021, *Comparison of Superposition Model with Fully-populated Model for Eastern Snake Plain Aquifer Model Version 2.2*, Idaho Department of Water Resources, March 2021, 14 p., https://research.idwr.idaho.gov/files/projects/espam/browse/ESPAM22_Reports/Scenarios/Super_FullyPop_Final.pdf.

⁴ Average reach gains were calculated from data compiled for development of ESPAM2.2 for water years 1981 through 2018.

Figure 8 shows the trend in the cumulative effect of transfers approved on or after January 1, 2012 on reaches of the Snake River above Minidoka. For reaches of the Snake River above the near Blackfoot gage, there is not an apparent trend in the cumulative effect of the transfers. For these reaches, the cumulative effect of transfers approved during a given year resulted in increases in reach gains for some years and decreases in reach gains for other years. For the near Blackfoot to Neeley reach, the cumulative effect of the transfers approved during a given year has resulted in a very small increase in reach gains for most years. For the Neeley to Minidoka reach, the cumulative effect of the transfers approved during a given year has resulted in a very small decrease in reach gains for most years. The cumulative effect on the combined near Blackfoot to Minidoka reach has been a very small increase in reach gains for most years.

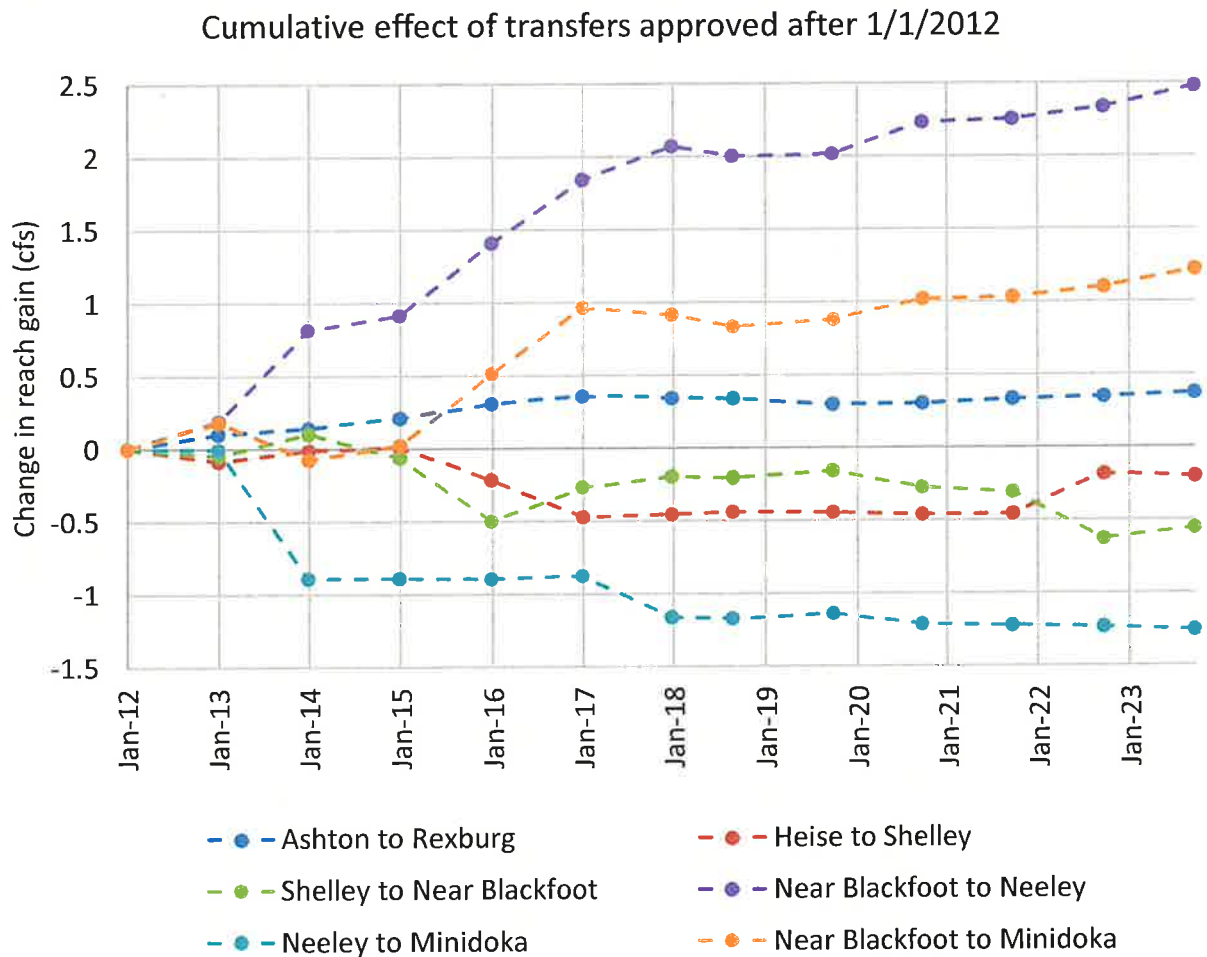


Figure 8. Trend in cumulative effect of transfers approved on or after January 1, 2012 on reaches of the Snake River above Minidoka

Figure 9 shows the trend in the cumulative effect of transfers approved on or after January 1, 2012 on reaches of the Snake River between Kimberly and King Hill. For reaches between Kimberly and King Hill, the cumulative effect of transfers approved during a given year resulted in increases in reach gains for some years and decreases in reach gains for other years. The effect on the Devil's Washbowl to Buhl reach has been a very small decrease in reach gains for six of the twelve years. The effect on the Buhl to Thousand Springs reach has been a very small decrease in reach gains for eight of the twelve years. The total effect on the Kimberly to King Hill reach has been a very small decrease in reach gains for seven of the eleven years, a very small increase for four of the eleven years, and near zero impact for one year. In general, the cumulative effect of transfers approved between 2012 and 2018 was a very small increase in Kimberly to King Hill reach gains. The cumulative effect of transfers approved during water years 2019 through 2023 has been a very small decrease in reach gains.

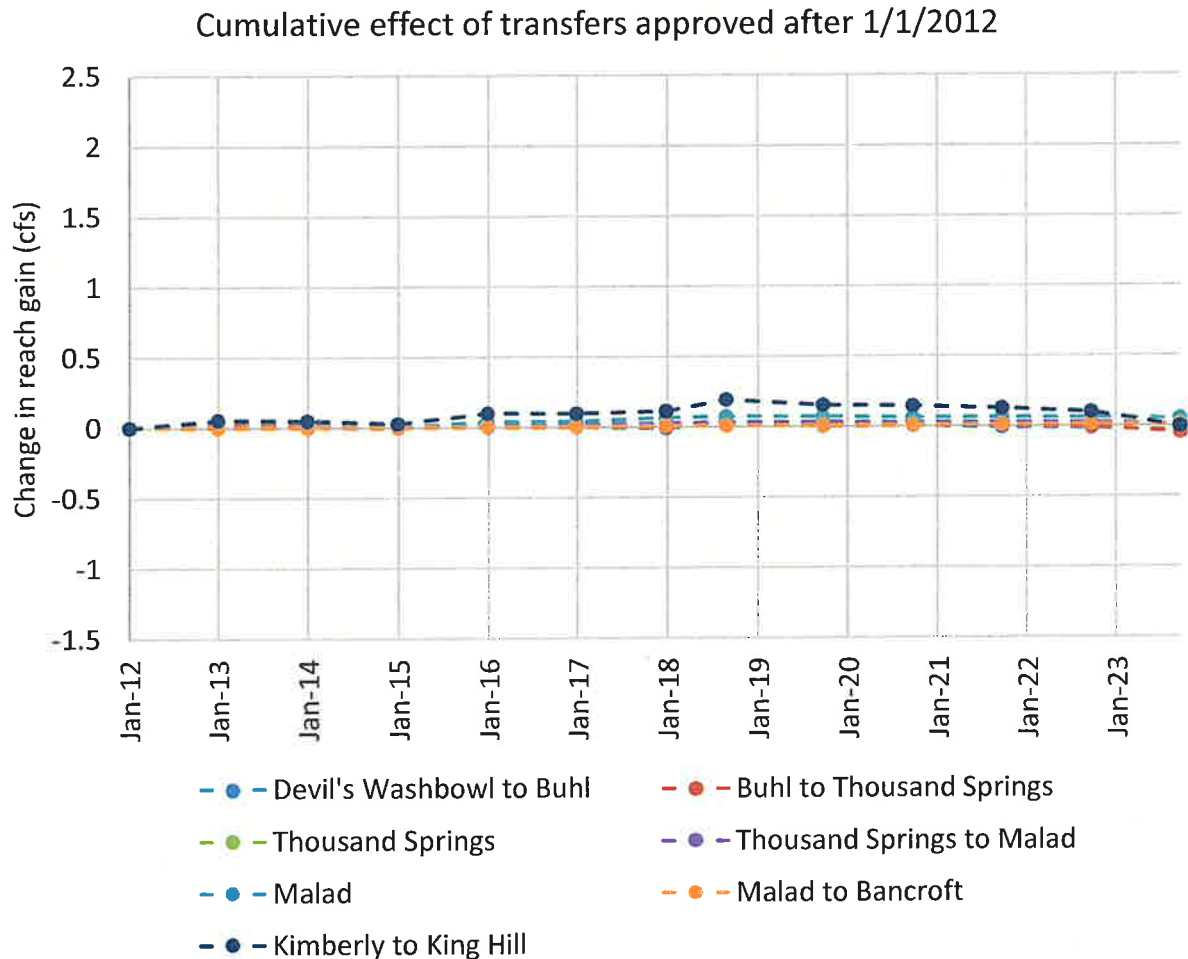


Figure 9. Trend in cumulative effect of transfers approved on or after January 1, 2012 on reaches of the Snake River between Kimberly and King Hill

Of the 743 transfers included in the cumulative analysis, 349 transfers had an average distance of greater than 1.0 mile between the TO and FROM model cell locations (Figure 10). The cumulative effects of these 349 transfers were simulated using the superposition version of ESPAM2.2. Results of the simulation are summarized in Table 2. The results are similar to the results of the simulation that included all of the transfers. Changes in reach gains resulting from the transfers are very small compared to average reach gains (less than $\pm 1.5\%$). The largest changes are an increase of 1,179 AF/yr (1.6 cfs) in the near Blackfoot to Neeley reach and a decrease of 748 AF/yr (-1.0 cfs) in the Neeley to Minidoka reach. The cumulative effect on the near Blackfoot to Minidoka reach is an increase of 431 AF/yr (0.6 cfs).

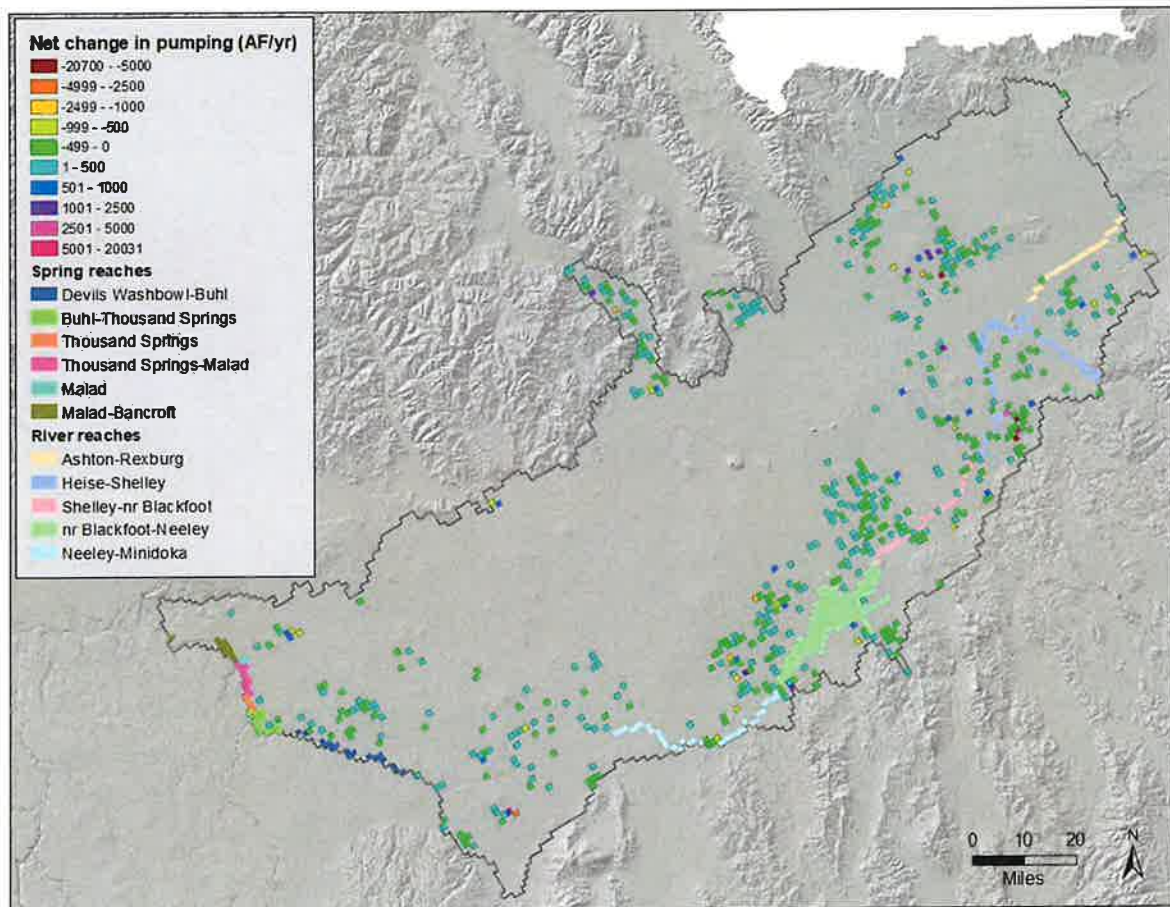


Figure 10. Net change in pumping resulting from transfers with an average distance of greater than one mile (approved between January 1, 2012 and September 30, 2023)

Table 2. Cumulative effects of transfers with an average distance greater than one mile on reach gains in the Snake River (for transfers approved between January 1, 2012 and September 30, 2023)

Reach	Transfer Impact		Average Reach Gain		% change in reach gain
	(AF/yr)	(cfs)	(AF/yr)	(cfs)	
Ashton-Rexburg	192	0.26	-19,756	-27	0.97%
Heise-Shelley	169	0.23	-214,459	-296	0.08%
Shelley-Near Blackfoot	-165	-0.23	-400,694	-553	-0.04%
Subtotal above nr Blackfoot	196	0.27	-634,908	-876	0.03%
Near Blackfoot-Neeley	1,179	1.63	1,720,822	2,375	0.07%
Neeley-Minidoka	-748	-1.03	71,706	99	-1.04%
Subtotal nr Blackfoot-Minidoka	431	0.60	1,792,528	2,474	0.02%
Devil's Washbowl -Buhl	-43	-0.06	787,690	1,087	-0.01%
Buhl-Thousand Springs	-20	-0.03			
Thousand Springs	-4	-0.01			
Thousand Springs-Malad	3	0.00			
Malad	25	0.03			
Malad-Bancroft	6	0.01			
Subtotal Kimberly-King Hill	-33	-0.05	4,248,456	5,864	0.00%
Total	594	0.82	5,406,075	7,462	0.01%