

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 566

This is to certify that:
JASON ANDERSEN
2791 N 3375 W
MOORE, ID 83255

RECEIVED
AUG 17 2021
DEPARTMENT OF
WATER RESOURCES

RECEIVED

AUG 03 2021

Department of Water Resources
Eastern Region

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)
34-13873	9/30/1882	ALDER CREEK	0.41	49.0	14.0	0.029	3.5
34-14047	4/29/1955	GROUND WATER	0.38	66.5	19.0	0.020	3.5
Combined Limit Totals			0.48	66.5	19.0	0.025	3.5
34-14205	3/10/1894	BIG LOST RIVER	0.24	41.9	12.0	0.020	3.5
34-4010	8/1/1961	GROUND WATER	0.11	26.6	7.6	0.015	3.5
Combined Limit Totals			0.24	41.9	12.0	0.020	3.5
34-13621	3/18/1975	GROUND WATER	0.39	109	31.0	0.013	3.50
34-13756	5/1/1905	BIG LOST RIVER	0.01	2.4	1.2	0.012	3.4
34-13758	5/1/1906	BIG LOST RIVER	0.01	0.7	0.2	0.020	3.5
34-13752	1/30/1961	GROUND WATER	0.01	1.8	0.5	0.004	3.5
34-13754	8/31/1976	GROUND WATER	0.02	4.2	1.2	0.017	3.5
34-13760	5/1/1977	BIG LOST RIVER	0.01	1.1	0.3	0.004	3.7
Combined Limit Totals			0.04	4.2	1.2	0.032	3.5
Combined Rental Totals			1.14	221.1	63.2	0.018	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, 2021. 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 2021, whichever occurs last.

Annual Rental Fee:

2021: \$4,422.00

The full fee for the rental of the above-described right(s) is \$4,422.00 for 2021. The rental fee includes an administrative fee of \$442.20 for 2021.

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	0.81	188	53.8	0.015	3.5
Combined Total	0.81	188	53.8	0.015	3.5

* The authorized water usage reflects a reduction from the water right elements rented, to account for a uniform diversion rate of 0.015 cfs/ac.

Detailed water right conditions are attached.

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DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 566

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

8-3-2021

Date

Jason 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

9/9/21

Rental approved by IDWR



Date

9/9/21

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 566

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
0.81 CFS

VOLUME
188 AF

SEASON OF USE

Water Right No.	From	To	
34-14047	4/1	11/1	0.38 CFS
34-4010	4/1	10/31	0.43 CFS
34-13621	4/1	11/1	0.39 CFS
34-13752	4/1	10/31	0.01 CFS
34-13754	4/1	11/1	0.02 CFS

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																27	27
04N	26E	17	27																27

Total Acres: 53.8

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 does not authorize the construction of a well.
10. 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

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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.

11. Use of water under this right may be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 34.
12. 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.
13. 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.
14. Use of water under this rental, when combined with all other rights, shall provide no more than 0.03 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

MAY 27 2021

DEPARTMENT OF
WATER RESOURCES

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

Applicant Name: Jason 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)

34-14047	34-13621	34-13754
34-4010		34-13752

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Jason Andersen

Mailing Address P.O. Box 474 Moore Idaho 83255
Street City State Zip Code

Email Address andejaso66@yahoo.com Phone Number 208-589-5898

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 Sen. Water Right Analyst

Organization Rocky Mountain Environmental Assoc. Inc Relationship to Applicant _____

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**:

Due to the low snow-pack received in Basin 34, and current, drought conditions, my natural flow rights from storage and the Big Lost River and have been reduced and shrinkage loss in laterals have dramatically increased.

As a result, it is highly probable that my natural flow water rights will be subject to a futile call by early June.

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)
1.18 CFS	205.8 AF	0.88 CFS	147 AF	58.8 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?	
06/01/2021	06/08/2021	☒ 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.

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):
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	None. WMIS #49
NESW Sec 9 4N 26E	Ground Water	34-2412C. WMIS #51

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 58.8 (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:
Water rights from the Big Lost River only. Rights 34-14320 and 34-14322.

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)
34-14047	IRRIGATION	0.380	66.5	19		0.38	66.5	19
34-4010	IRRIGATION	0.151	26.6	7.6		0.151	26.6	7.6
34-13621	IRRIGATION	0.390	108.5	31		0.39	109	31
34-13754	IRRIGATION	0.020	4.2	1.2		0.02	4.2	1.2
34-13752	IRRIGATION	0.005	1.75	0.5		0.005	1.75	0.5
		0.03	4.2	1.2		0.03	4.2	1.2
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	0.95	205.3	58.8
						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**:

NA

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:

- 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

Jason Andersen

Printed Name of Applicant

5-24-2021

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 0.07 0.15 0.3 Miles

2019 NAIP

WSB Rental Application

Jason Andersen

Project #: 21-0125

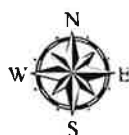
Drawn by: AD

Date: 5/24/2021

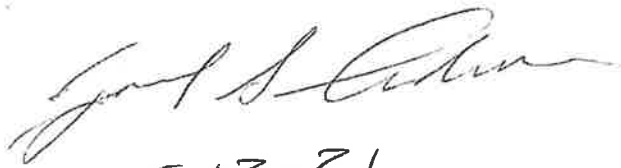


Rocky Mountain
ENVIRONMENTAL
ASSOCIATES, INC.

- Rental Proposed POD
- Rental Proposed POU
- Township & Range
- Section
- QQ



I, Joel Andersen, give Jason Andersen
Permission to use my wells as P.O.D.s
for his Temporary water Transfers.

A handwritten signature in cursive script, appearing to read "Joel S. Andersen".

5-13-21

Eastern Snake Plain Aquifer Modeling Analysis

The applicant proposes to rent approximately 58.8 acres from water right numbers 34-14047, 34-4010, 34-13621, 34-13752 and 34-13754 for the 2021 irrigation season.

The TO Well location is located in the model cell identified as R27 C110. The From Wells are described in Table 1 below. Water right 34-14047 is located outside of the model grid boundary; therefore, the closes model cell was used to represent its location.

Due to having four FROM Wells, two model runs were calculated and the net transfer affects were summed to determine total affect.

Table 1. Rental water rights, FROM Well locations, and quantities modeled.

Model Run	Water Right	Row	Column	Acres	AFA	CU AFA (2.5 AF/ac)	CU AF/Trimester
Model 1	34-14047	12	108	19	66.5	47.5	15.8
	34-13621	5	106	31	108.5	64.6	25.8
	34-13752 & 34-13754	15	112	1.2	1.75	2.5	1.0
Model 2	34-4010	18	112	7.6	26.6	15.8	6.3

Figure 1 shows the locations of the points of diversion used in the modeling scenarios.

Results

The maximum affect per trimester of either model run does not exceed 0.3 af/trimester. With such small affects for each modeling run, the summation of the two model runs is less than the threshold of 2.0 af/trimester. No mitigation is required.

Figures 2-4 include excerpts for Model Run #1 including water right numbers 34-14047, 34-13621, 34-13754, and 34-13752. Figures 5-7 include excerpts of Model Run #2 for water right number 34-4010.

Figure 1. ESPA Model Grid

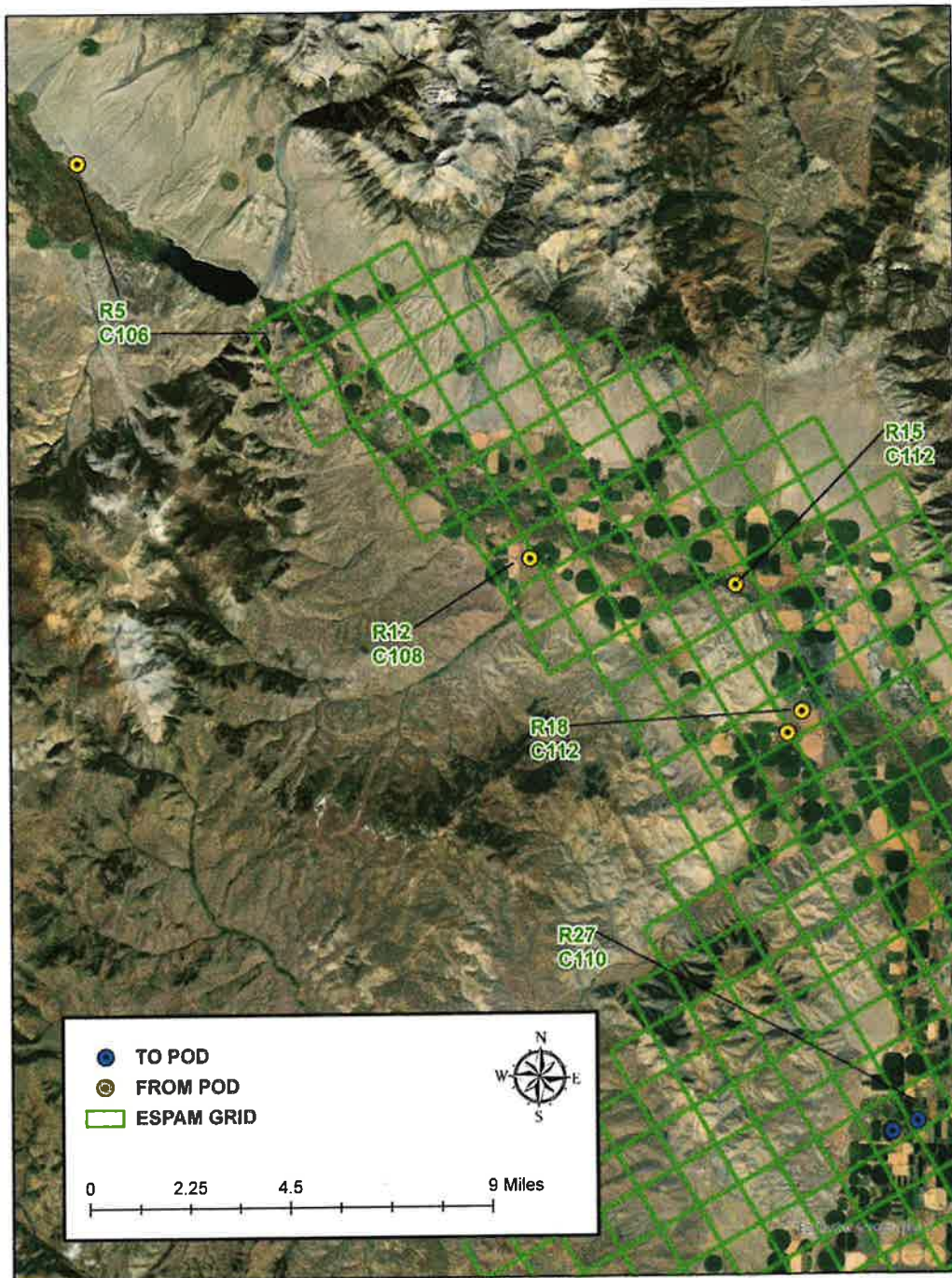


Figure 2. Data Entry for Model Run #1

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: 34-14047

YEAR: 1955

SEASON: SPRING

TRANSFER NAME: Jason Andersen

UPDATE DATES RUN MODEL GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	27	12	5	15
COLUMN	110	108	106	112

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 1955	0	16	16	26	26	1	1
SUM 1955	0	16	16	26	26	1	1
WIN 1955	0	16	16	26	26	1	1
SPR 1956	0	16	16	26	26	1	1
SUM 1956	0	16	16	26	26	1	1
SPR 2020	0	16	16	26	26	1	1
SUM 2020	0	16	16	26	26	1	1
WIN 2020	0	16	16	26	26	1	1
SPR 2021	43	0	16	0	26	0	1
SUM 2021	43	0	16	0	26	0	1
WIN 2021	43	0	16	0	26	0	1
SPR 2022	0	16	16	26	26	1	1
SUM 2022	0	16	16	26	26	1	1
WIN 2022	0	16	16	26	26	1	1
SPR 2023	0	16	16	26	26	1	1
SUM 2023	0	16	16	26	26	1	1
WIN 2023	0	16	16	26	26	1	1
SPR 2024	0	16	16	26	26	1	1
SUM 2024	0	16	16	26	26	1	1
WIN 2024	0	16	16	26	26	1	1
SPR 2025	0	16	16	26	26	1	1
SUM 2025	0	16	16	26	26	1	1
WIN 2025	0	16	16	26	26	1	1
SPR 2026	0	16	16	26	26	1	1
SUM 2026	0	16	16	26	26	1	1
WIN 2026	0	16	16	26	26	1	1
SPR 2027	0	16	16	26	26	1	1
SUM 2027	0	16	16	26	26	1	1
WIN 2027	0	16	16	26	26	1	1

Figure 3. Graphs for Model Run #1

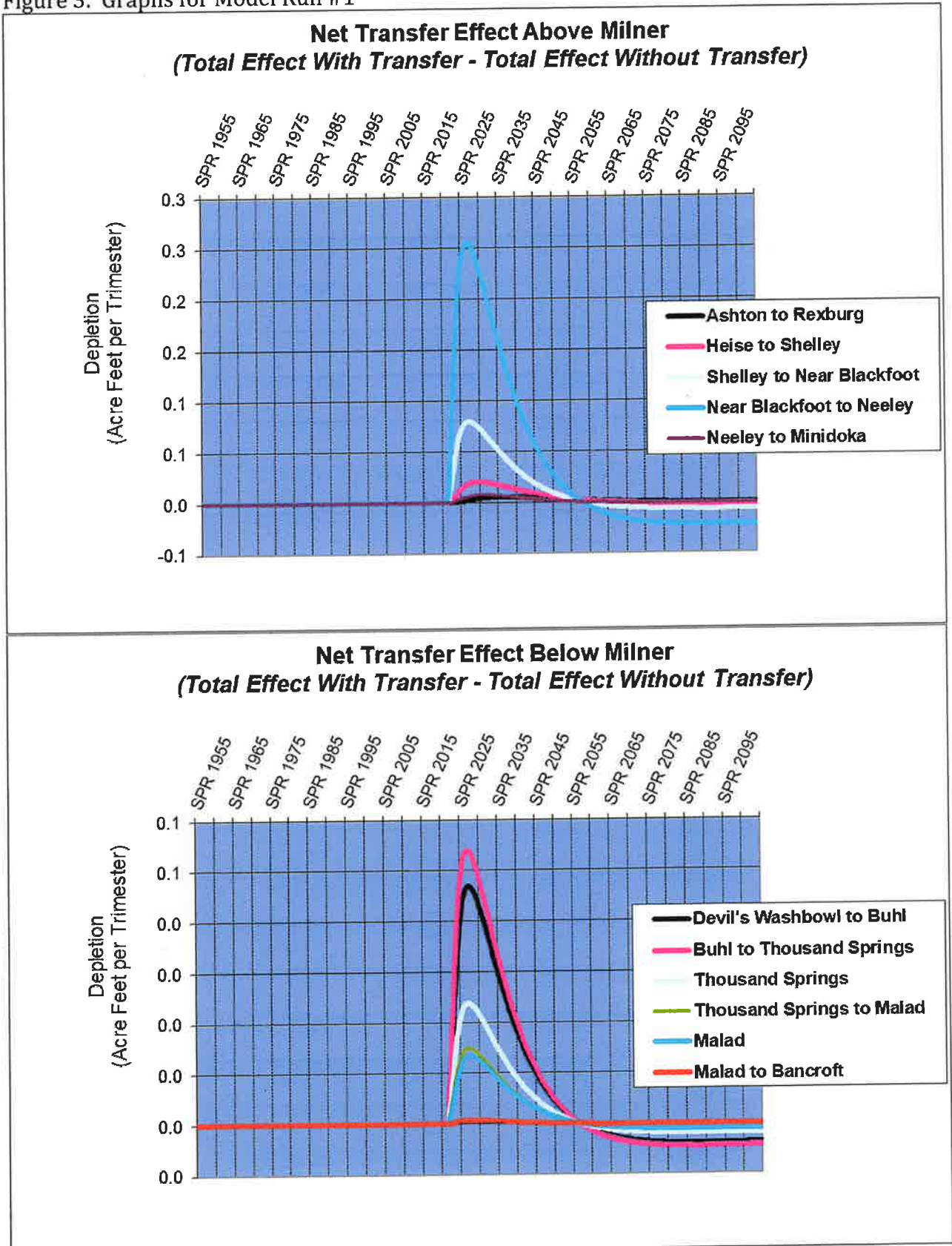


Figure 4. Calculated Effects for Model Run #1

SPR 2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2021	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2022	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2022	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2023	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2023	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2023	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2024	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2024	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2024	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2025	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2025	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0
WIN 2025	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0
SPR 2026	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0
SUM 2026	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0
WIN 2026	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0
SPR 2027	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0

Enter First Time Step of Transfer: SPR 2010

[illegible]

Figure 5. Data Entry for Model Run #2

ENHANCED GROUND-WATER RIGHTS TRANSFER

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

Cells this color are set up for user entries

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

TRANSFER NO: 34-4010

YEAR: 1961

SEASON: SUMMER

TRANSFER NAME: Jason Andersen

UPDATE DATES RUN MODEL GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	27	18	5	15
COLUMN	110	112	106	112

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
SUM 1961	0	6	6	0	0	0	0
WIN 1961	0	6	6	0	0	0	0
SPR 1962	0	6	6	0	0	0	0
SUM 1962	0	6	6	0	0	0	0
WIN 1962	0	6	6	0	0	0	0
SPR 2020	0	6	6	0	0	0	0
SUM 2020	0	6	6	0	0	0	0
WIN 2020	0	6	6	0	0	0	0
SPR 2021	6	0	6	0	0	0	0
SUM 2021	6	0	6	0	0	0	0
WIN 2021	6	0	6	0	0	0	0
SPR 2022	0	6	6	0	0	0	0
SUM 2022	0	6	6	0	0	0	0
WIN 2022	0	6	6	0	0	0	0
SPR 2023	0	6	6	0	0	0	0
SUM 2023	0	6	6	0	0	0	0
WIN 2023	0	6	6	0	0	0	0
SPR 2024	0	6	6	0	0	0	0
SUM 2024	0	6	6	0	0	0	0
WIN 2024	0	6	6	0	0	0	0
SPR 2025	0	6	6	0	0	0	0
SUM 2025	0	6	6	0	0	0	0
WIN 2025	0	6	6	0	0	0	0
SPR 2026	0	6	6	0	0	0	0

Figure 6. Graphs for Model Run #2

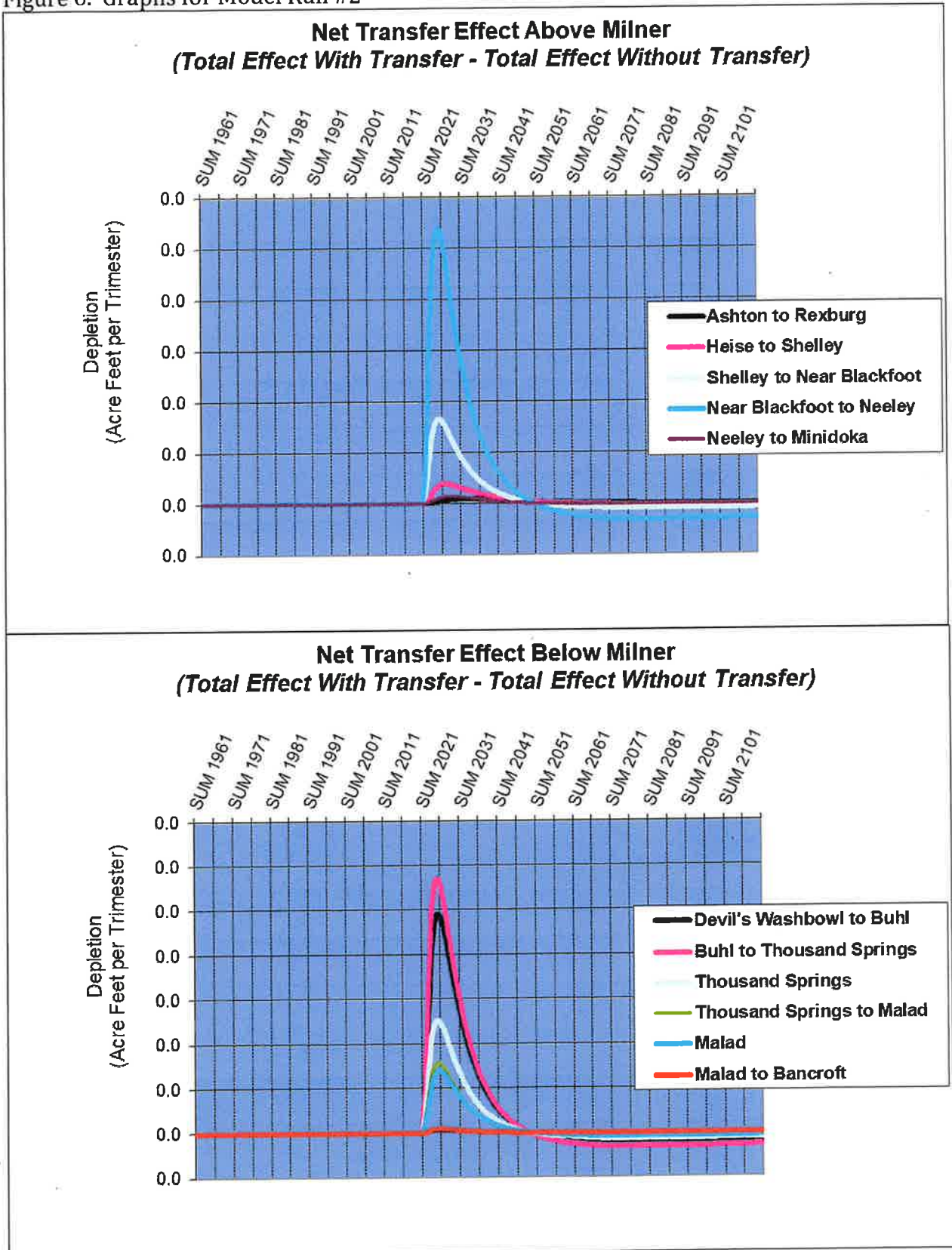


Figure 7. Calculated Effects for Model Run #2

Net Transfer Effect (AF/four months)											
	Ashton to	Heise to	Shelley to	Nr Bckft	Neeley to	Dev. Wbl.	Buhl to	Kspr	Kspr to	Malad	Malad to
	Rexburg	Shelley	Nr Bckft	Neeley	Minidoka	Buhl	Kspr		Malad		Bancroft
SUM 1961	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
SPR 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 2020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 2021	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2022	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2022	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 2022	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2023	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2023	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 2023	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2024	0.00	0.00	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
SUM 2024	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
WIN 2024	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
SPR 2025	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
SUM 2025	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
WIN 2025	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
SPR 2026	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
SUM 2026	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
WIN 2026	0.00	0.00	0.01	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00
SPR 2027	0.00	0.00	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00
SUM 2027	0.00	0.00	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.00	0.00

Enter First Time Step of Transfer: SPR 2010

Match: 147

Match: 456

	AIR	HIS	SINB	NBN	NIM	DWIB	BITS	TS	TSIM	M	MIB	Total	
Preexisting Effects @ SS (Last Time Step):	0.07	0.21	0.63	1.96	0.07	0.35	0.39	0.17	0.11	0.10	0.01	4.06	Total Effects without Tr
Steady State - Value of Dep. @ Last Time Step:	0.07	0.21	0.63	1.96	0.07	0.35	0.39	0.17	0.11	0.10	0.01	4.06	Total Effects with Trans
Preexisting Effects @ Transient State (Max Value Timestep):	0.07	0.21	0.63	1.96	0.07	0.35	0.39	0.17	0.11	0.10	0.01	4.06	Total Effects without Tr
Transient State - Max. Value of Dep. After Transfer:	0.07	0.21	0.63	1.96	0.07	0.35	0.39	0.17	0.11	0.10	0.01	4.06	Total Effects with Trans
Steady State Change:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Transient State Change:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 Gary Spackman

October 27, 2021

JASON ANDERSON
2791 N 3375 W
MOORE, ID 83255

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 34-13873, 34-14047, 34-14205, 34-4010, 34-13621, 34-13756, 34-13758, 34-13752 & 34-13760 AGREEMENT 566**

Dear Renter:

Please find enclosed a receipt in the amount of **\$4,422.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 221.1 acre-feet of water for irrigation of 53.6 acres during 2021. 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 \$3,979.80 of the rental fee will be paid to the lessor(s) and 10% or \$442.20 will be retained by the Department to offset administrative costs.

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

Sincerely,

Amanda Johnson-Veibell

for
Water Supply Bank

Enclosures: Receipt No. E047249
Rental Agreement (copy)

c: Sascha Marston – Fiscal
IDWR Eastern Regional Office
Kristin Moore



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 Gary Spackman

August 6, 2021

JASON ANDERSEN
2791 N 3375 W
MOORE, ID 83255

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 34-13873, 34-14047, 34-14205, 34-4010, 34-13621, 34-13756, 34-13758, 34-13752, 34-13754, 34-13760 AGREEMENT 566**

*****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 \$4,422.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 950 acre-feet.

Please send a check for \$4,422.00 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 \$3,979.80 of the rental fee will be paid to the lessor(s) and 10% or \$442.20 will be retained by the Department to offset administrative costs.

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

Sincerely,

Amanda Johnson-Veibell

for
Water Supply Bank

Enclosure

c: IDWR Front Desk

MEMORANDUM FOR AGREEMENT # 566

To: Water Supply Bank Rental Application 2080
From: Remington Buyer
Date: July 26, 2021
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: On May 27th, 2021, an application was received from Jason Andersen, through Kristin Moore of Rocky Mountain Environmental Associates (RMEA), requesting a rental of a number of Big Lost River aquifer ground water rights, to authorize the irrigation of approximately 60 acres in 2021. Mr. Andersen owns two parcels of land in Butte County, which can be irrigated with Big Lost River surface water provided by either the Big Lost River Irrigation District (BLRID), or with water rights 34-14320 & 14322 which belong to the applicant.

Water rights 34-14320 & 14322 authorize the irrigation of 79.2 acres, which almost stretches across the entirety of Mr. Andersen's parcels. However, per information provided by the applicant, water rights 34-14320 & 14322 are not deliverable late in the summer, based on water right administration by priority date, and this rental thus requests a rental of ground water rights that might be rented via a well located adjacent the applicant's property, to continue irrigating some of the land once the surface water rights are no longer deliverable.

AUTHORITY TO FILE: Rental application 2080 was signed and submitted by Jason Andersen, who owns the land to be irrigated via the rental. The point of diversion for the rental is a well located on land owned by Joel Andersen, titled as the "Jensen Well" in IDWR's spatial data database table. Joel Andersen has provided written consent for Jason Andersen to divert ground water via this well. No concerns about authority to file.

WATER RIGHT VALIDITY: The ground water rights requested to be rented are valid and available for rental. No concerns about the validity of the applicant's water rights 34-14320 & 14322.

INJURY TO OTHER WATER RIGHTS: The applicant has provided with his application Eastern Snake River Plain Aquifer (ESPA) Transfer Tool (ETRAN) modeling which indicates no injury to the ESPA or the Snake River through this rental. All the ground water rights proposed to be rented originate within Basin 34 and it is not apparent that the diversion of this ground water in Basin 34 will result in injury—no injury is apparent under the rental.

ENLARGEMENT OF USE: There are no ground water rights situated at the rental place of use (POU), only surface water. As stated above, the surface water is not available during late summer, and so this rental of ground water is to supplement surface water that would otherwise be used. Accordingly, there are no enlargement concerns posed by the rental of supplemental ground water rights for this rental request.

The applicant has requested a diversion rate and volume proportionate to 0.02 cfs/ac and 3.5 afa/ac, and he has stated that he can suffice with a per-acre diversion rate and volume of 0.015 cfs/ac and 2.5 afa/ac. The water rights requested to be rented all provide for a per-acre diversion rate of 3.5 afa/ac, however, the per-acre diversion rate for the five water rights range from 0.01 cfs/ac up to 0.02 cfs/ac. As such, the requested water rights can be rented, to authorize the irrigation of approximately 54 acres, without causing enlargement, as follows:

WR	Priority	Source	Rate	Vol	Acres	Rate/AC	Vol/AC	WR	Rate	Vol	Acres	Rate/AC	Vol/AC
34-13873	9/30/1882	Alder Creek	0.410	49.00	14.0	0.029	3.5						
34-14047	4/29/1955	Ground Water	0.380	66.50	19.0	0.020	3.5	34-14047	0.285	66.5	19.0	0.015	3.5
Combined Limited:			0.475	66.50	19.0	0.025	3.5						
34-14205	3/10/1894	Big Lost	0.239	41.87	12.0	0.020	3.5						
34-4010	8/1/1961	Ground Water	0.151	26.60	7.6	0.020	3.5	34-4010	0.114	26.6	7.6	0.015	3.5
Combined Limited:			0.239	41.87	12.0	0.020	3.5						
34-13621			0.390	108.50	31	0.013	3.5	34-13621	0.390	91	26	0.015	3.5
34-13756	5/1/1905	Big Lost River	0.014	2.40	0.70	0.020	3.4						
34-13758	5/1/1906	Big Lost River	0.004	0.70	0.20	0.020	3.5						
34-13752	1/30/1961	Ground Water	0.005	1.75	0.50	0.010	3.5	34-13752	0.005	1.2	0.3	0.015	3.5
34-13754	8/31/1976	Ground Water	0.020	4.20	1.20	0.017	3.5	34-13754	0.018	4.2	1.2	0.015	3.5
34-13760	5/1/1977	Big Lost River	0.005	1.10	0.30	0.017	3.7						
Combined Limited:			0.038	4.20	1.20	0.032	3.5	Combined	0.018	4.2	1.2	0.015	3.5
Rental Total			1.142	221.1	63.2	0.018	3.5	Total	0.807	188.3	53.8	0.015	3.5

LOCAL PUBLIC INTEREST: Staff are unaware of any local public interests that would object to the rental.

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

DEPARTMENT STAFF OR WATERMASTER COMMENTS: Review comments were requested from IDWR's Eastern Region and Water District 34 on July 26, 2021.

WATER SUPPLY BANK RECOMMENDATION: Staff recommend this rental be approved.

Buyer, Remington

From: Cefalo, James
Sent: Monday, July 26, 2021 3:51 PM
To: Buyer, Remington
Subject: RE: Water Supply Bank Rental by Jason Andersen

Remington,

I don't have any concerns with the proposed WSB Rental.

James

From: Buyer, Remington
Sent: Monday, July 26, 2021 3:43 PM
To: Cefalo, James <James.Cefalo@idwr.idaho.gov>; watermaster34@atcnet.net
Subject: Water Supply Bank Rental by Jason Andersen

James, Lucas,

Jason Andersen requested a rental from the Water Supply Bank earlier this year, to authorize the irrigation of approximately 58 acres of ground northwest of Arco. Mr. Andersen has Big Lost River surface water rights that authorize irrigation of the land, but they are not available throughout the summer and so he has requested a rental of ground water rights for supplemental irrigation purposes. We have ground water rights in the Water Supply Bank sufficient to irrigate approximately 54 acres of Mr. Andersen's property this year.

Attached to this email is my review memo, map and draft rental agreement. Please let me know if you have any questions, comments or concerns about this draft approval.

Thank you,

Remington