STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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OCT 14 2022
DEPARTMENT OF
WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 627

This is to certify that:

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

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

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
34-13621	3/18/1975	GROUND WATER	**0.39**	**109**	**31.0**	**0.01**	**3.5**
34-13754	8/31/1976	GROUND WATER	0.02	4.2	1.2	0.02	3.5
34-13752	1/30/1961	GROUND WATER	0.01	1.8	0.5	0.01	3.5
34-13756	5/1/1905	BIG LOST RIVER	0.01	2.4	0.7	0.02	3.4
34-13758	5/1/1906	BIG LOST RIVER	0.01	0.7	0.2	0.02	3.5
34-13760	5/1/1977	BIG LOST RIVER	0.01	1.1	0.3	0.02	3.7
		Combined Limit Totals	**0.03**	**4.2**	**1.2**	**0.03**	**3.5**
Combined Rental Totals			**0.42**	**113**	**32.2**	**0.01**	**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, 2024. 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 2022, whichever occurs last.

Annual Rental Fee:

2022: $2,254.00 annually
2023 - 2024: $2,592.10 annually

The full fee for the rental of the above-described right(s) is $2,254.00 per year for years 2022 - 2022 and $2,592.10 per year for years 2023 - 2024. The rental fee includes an administrative fee of $225.40 per year for years 2022 - 2022 and $259.21 per year for years 2023 - 2024. The full fee and administrative fee required for this rental are calculated using more decimals than the rounded amounts recorded on this agreement.

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

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WATER SUPPLY BANK RENTAL AGREEMENT No. 627

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	0.42	73.5	21.0	0.021	3.50
Combined Total	0.42	73.5	21.0	0.021	3.50

**** The authorized water usage reflects a reduction from the water right elements rented, to account for combined limits and to account for the standard duty of water for irrigation.***

Detailed water right conditions are attached.

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WATER SUPPLY BANK RENTAL AGREEMENT No. 627

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 _____ Date 9.28.22

Printed Name Joel S. Anderson Title 9.28.22

*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 _____ Date 10/19/22
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Rental approved by IDWR _____ Date 10/19/22

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 627

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NWNE Sec. 27, Twp 05N, Rge 26E, BUTTE County

BENEFICIAL USE	DIVERSION RATE	VOLUME
IRRIGATION	0.42 CFS	73.5 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	
05N	26E	27									9.0					12			21

Total Acres: 21

RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

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

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WATER SUPPLY BANK RENTAL AGREEMENT No. 627

11. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
12. This rental agreement does not authorize the construction of a well.
13. The right holder shall make full beneficial use of all surface water available to the right holder for irrigation of lands within the authorized place of use for this right. The right holder may divert ground water under this right to irrigate land with appurtenant surface water rights when the surface water supply is not reasonably sufficient to irrigate the place of use for this water right or is not available due to drought, curtailment by priority, or the seasonal startup and shutoff or maintenance schedule for canal company or irrigation district deliveries. The right holder shall not divert ground water for irrigation purposes under this right if use of the surface water supply is intentionally discontinued or reduced (for example abandoned, forfeited, sold, disallowed by court decree, or leased to the Water Supply Bank), or is not deliverable due to non-payment of annual assessments, without an approved transfer pursuant to Idaho Code § 42-222 or other Department approval.
14. Prior to December 31 of each year, the Board may review this rental agreement to determine whether it is consistent with the management plan that may be approved for the Eastern Snake Plain Aquifer Ground Water Management Area ("ESPA GWMA Plan") pursuant to Idaho Code § 42-233b. The Board may cancel this rental agreement if the Board determines it is not consistent with the ESPA GWMA plan. If this rental agreement is canceled, the cancellation shall not take effect until December 31 of the year in which the rental agreement is canceled.

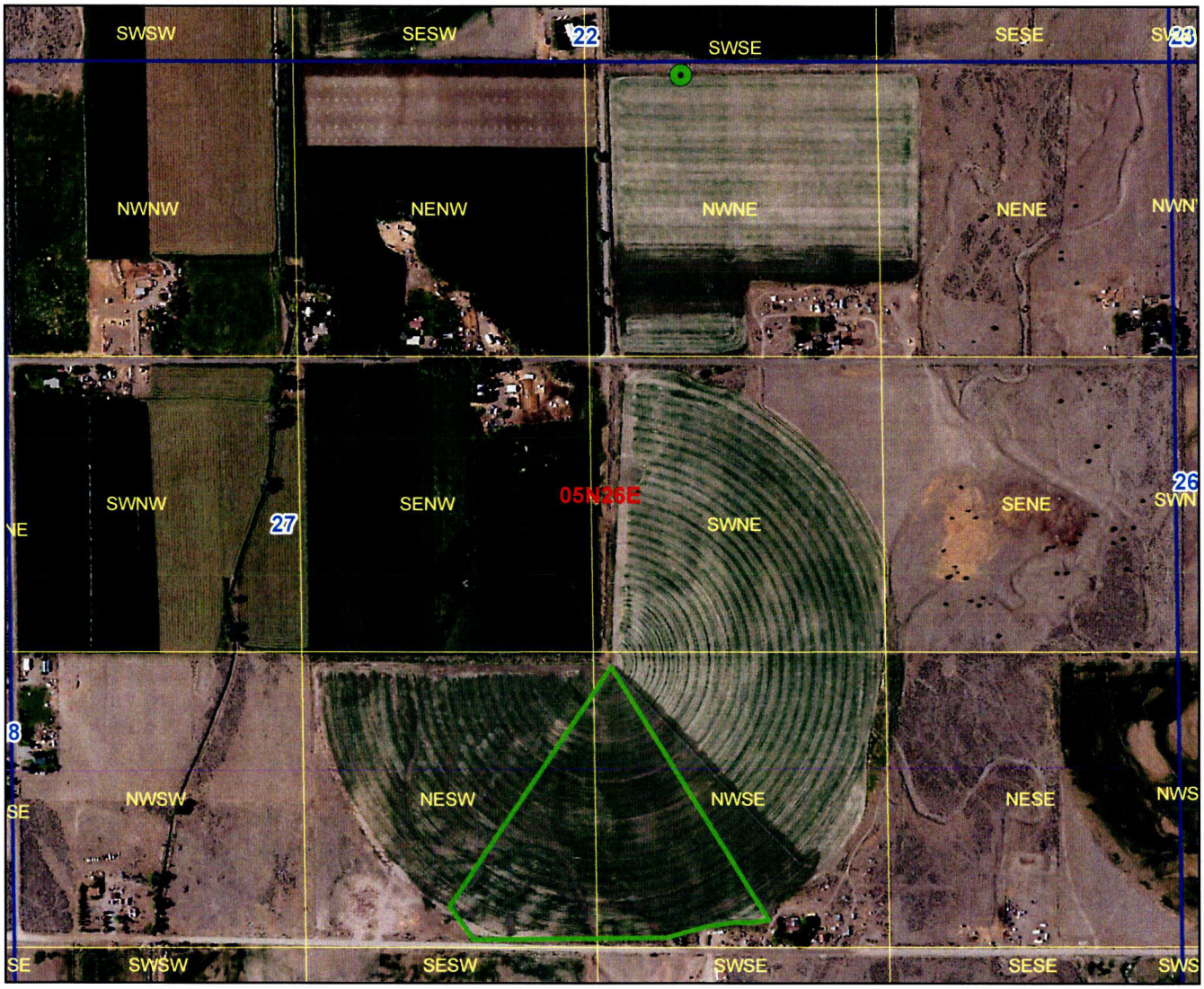
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Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 627

Effective until December 31, 2024

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



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

N

Feet
0 500

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Form 42-1761-2 10/15

STATE OF IDAHO
WATER RESOURCE BOARD

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DEC 17 2021
DEPARTMENT OF
WATER RESOURCES

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

Applicant Name: Joel Andersen

Is this application being submitted with a lease application as a lease/rental package? Yes ☐ No ☑
If yes, specify companion water rights in Section 4

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

Rental applications should be submitted well in advance of the desired start date for the use of rental water. Rental applications may be processed as early as November 1 of the year prior to the intended use of rental water. Any rental application received on or before November 1 for use in the next year will be assigned a received date of November 1. Rental applications submitted more than one year in advance of the proposed start date for the use of rental water will not be accepted and will be returned to applicants. Rental applications may be returned to applicants if the desired start date for the use of rental water cannot be accommodated by the Water Supply Bank. Rental requests will not be accepted once the rental season of use period has concluded.

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

For additional instructions on completing a rental application, visit the Bank's website at http://idwr.idaho.gov/water_supply_bank.

MINIMUM REQUIREMENT CHECKLIST

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

Attachment	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
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)

34-13621
34-13754
34-13752
[34-13756 34-13758 34-13760] added by review staff

2239

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STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Joel Andersen

Mailing Address 2791 N 3375 W, Moore, ID 83255
Street City State Zip Code

Email Address _____ Phone Number 208-589-0019

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

Representative Kristin Moore Professional Title Senior Water Rights Analyst

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

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

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

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. Make sure the rental place of use is outlined and annotated with legal land descriptions (Township, Range, Section and Quarter-Quarters) or with GPS coordinates. For irrigation purposes, mark the number of acres you desire to irrigate. Attach the map to this application and label it **Attachment 2**.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

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

Applicant desires to rent additional ground water rights to cover acres under a pivot that only have surface water rights. The ground water will be used when/if the surface rights are curtailed or not deliverable. Existing ground water rights provide irrigation water for a large portion of the existing pivot.

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)
0.64 CFS	112.7 AF	0.48 CFS	80.5 AF	32.2 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?	
		☐ 1	☐ 2	☑ 3	☐ 4	☐ 5	☑ Process application as soon as possible	☐ Return application to applicant
4/15/2022	6/01/2022							

* ***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.***

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WATER RESOURCE BOARD

Application to Rent Water (Continued)

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

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

POD Description	Water Source	Other Water Rights Diverted from this POD
NWNE Sec 27 05N 26E	Ground Water	34-2353

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 32.2 (number of acres) Duration: Subject to IDWR standard seasons of use
☐ Commercial from: _____ (mm/dd) to: _____ (mm/dd)
☐ Stockwater from: _____ (mm/dd) to: _____ (mm/dd)
☐ Industrial from: _____ (mm/dd) to: _____ (mm/dd)
☐ Other: _____ from: _____ (mm/dd) to: _____ (mm/dd)

J. For irrigation uses, do you propose to divert water at a rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☑
If yes, justify the rate of flow and attach any supporting documents as **Attachment 3J**. Justification may include information on soil composition, conveyance losses, crop type, irrigation systems, public access areas, etc. A rate of 0.03 cfs/acre is permissible for irrigation of 5 acres or less.

K. Do you own the land at the proposed rental place of use (POU)? Yes ☐ No ☑
If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it **Attachment 3K**.

L. List all other water rights and sources of water at the rental place of use for the same purpose, including privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company or any other water delivery entity. Explain why additional water is required:
WR 34-2353 is used as the proposed rental place of use for irrigation. Only half of the center pivot is covered by a ground water right. Additional water is required to irrigate the other half of the pivot with ground water.

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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)
34-13621	Irrigation	0.39	109	31		0.39	109	31
34-13754	Irrigation	0.02	4.2	1.2		0.02	4.2	1.2
34-13752	Irrigation	0.01	1.8	0.5		0.01	1.8	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**	0.42	113.2	32.2
						CFS	**AF**	**AC**

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

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

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

C. Does your rental request propose to change the nature of use for any water right(s) being rented? Yes ☐ No ☑

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

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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?
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.
An NOV was received for the 2021 irrigation season. This application proposes a rental for the 2022 season.

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	Printed Name of Applicant	Date
Joel S. Anderson	Joel S. Anderson	12-10-21
Signature of Representative	Printed Name of Representative	Date

Mail to:

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

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Attachment #2



Legend

- Proposed Well Location
- Section
- Proposed Rental POU
- QQ
- Existing POU 34-2353
- Twp & Rng

N
W E
S

Proposed Location

Joel Andersen

RMEA # 21-0268	
by: KM	
Date: 12/9/2021	

Rocky Mountain ENVIRONMENTAL ASSOCIATES, INC.

Agriculture Farm Lease Agreement

This Farm lease Agreement is between Alvin and Gay Wheeler as Landlords, and Joel and Belva Andersen as Lessee.

Terms of the Lease Agreement are as follows.

Lease is good for seven years 2020-2026.

Cash lease in the amount of $[redacted] per year.

Rent terms is $[redacted] due by April 5, and remaining $[redacted] due by November 1 of each year.

Landlord is responsible for taxes, water assessments and demand charges on well and pivot.

Landlord has the right to vote on all water elections.

Lessee is responsible for crop expenses and maintenance to Irrigation Well, Pivot, Mainline and Wheel lines on approximately 130 acres.

Lessee is responsible for weed control and all environmental conditions of the Farm.

Landlord can graze his cattle on Farm Ground in the Fall after consulting with Lessee.

Lessee receives FSA payment on crops pertaining to this specific land under lease.

This Lease will be assigned to heirs on both Parties upon mutual agreement if need arises.

If WSB water is available to put in Irrigation Well it will be at the expense of the Lessee.

Signed, date Alvin Wheeler 4-1-20
Gay Wheeler Landlords

Signed, date [signature], Belva Andersen 4-1-20 Lessee

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Attachment #3H

Eastern Snake Plain Aquifer Modeling Analysis and Narrative

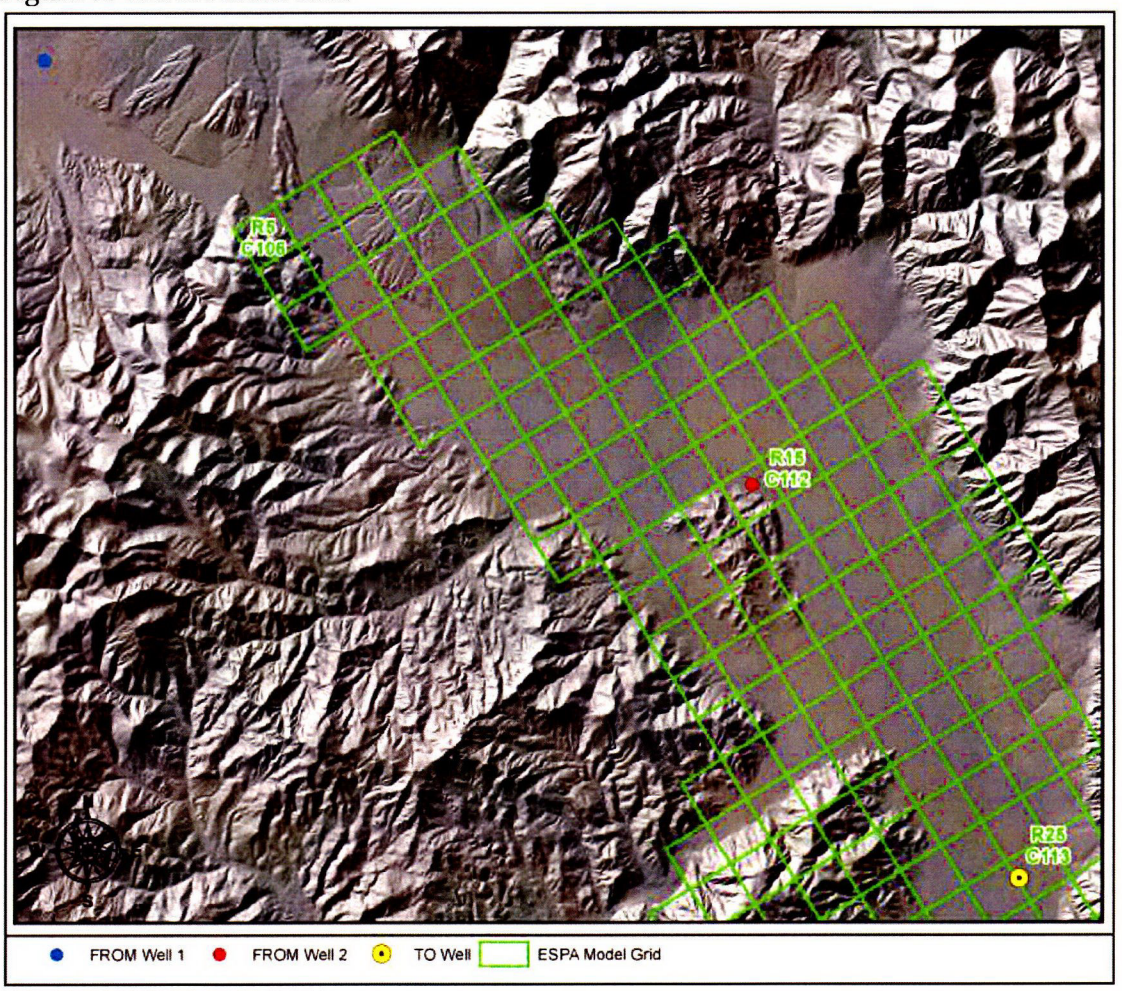
Application to Rent Water from the Water Supply Bank

The Applicant requires an additional 32.2 acres at the proposed place of use for irrigation of additional acres for the 2022-2024 irrigation seasons. This application proposes to rent water from the Water Supply Bank to cover the additional need.

Data Input Values

The TO Well location is the proposed point of diversion. The model cell is identified as R25 C113. The FROM Well locations are the PODs for WRs 34-13621, model cell R5 C106, and 34-13754/ 34-13752 which share a POD in model cell R15 C112. Figure 1 shows the locations of the points of diversion used in the modeling scenario.

Figure 1. ESPA Model Grid



The standard consumptive use volume of 2.5 afa/acre was used to determine annual volume for each water right. A total of 25.8 af/trimester was used to represent depletions for the FROM1 well. A total of 1.0 af/trimester was used for the FROM2 well.

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Results

Using ESPAM 2.2 to simulate the depletions of transferring 32.2 acres to the proposed place of use, the affects do not exceed the threshold of 2.0 af/trimester. No mitigation is required. Figures 2-4 include excerpts from the model simulation.

Figure 2. Data Entry

ENHANCED GROUND-WATER RIGHTS TRANSFE

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE **IDAHO DEPA**

Cells this color are set up for user entries

UPDATE DATES | RUN MODEL | GET OUTPUT

CALCULATE EFFECTS

ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON		TRANSFER NO:	34-13621
YEAR	1975	TRANSFER NAME:	
SEASON	SPRING		Joel Andersen

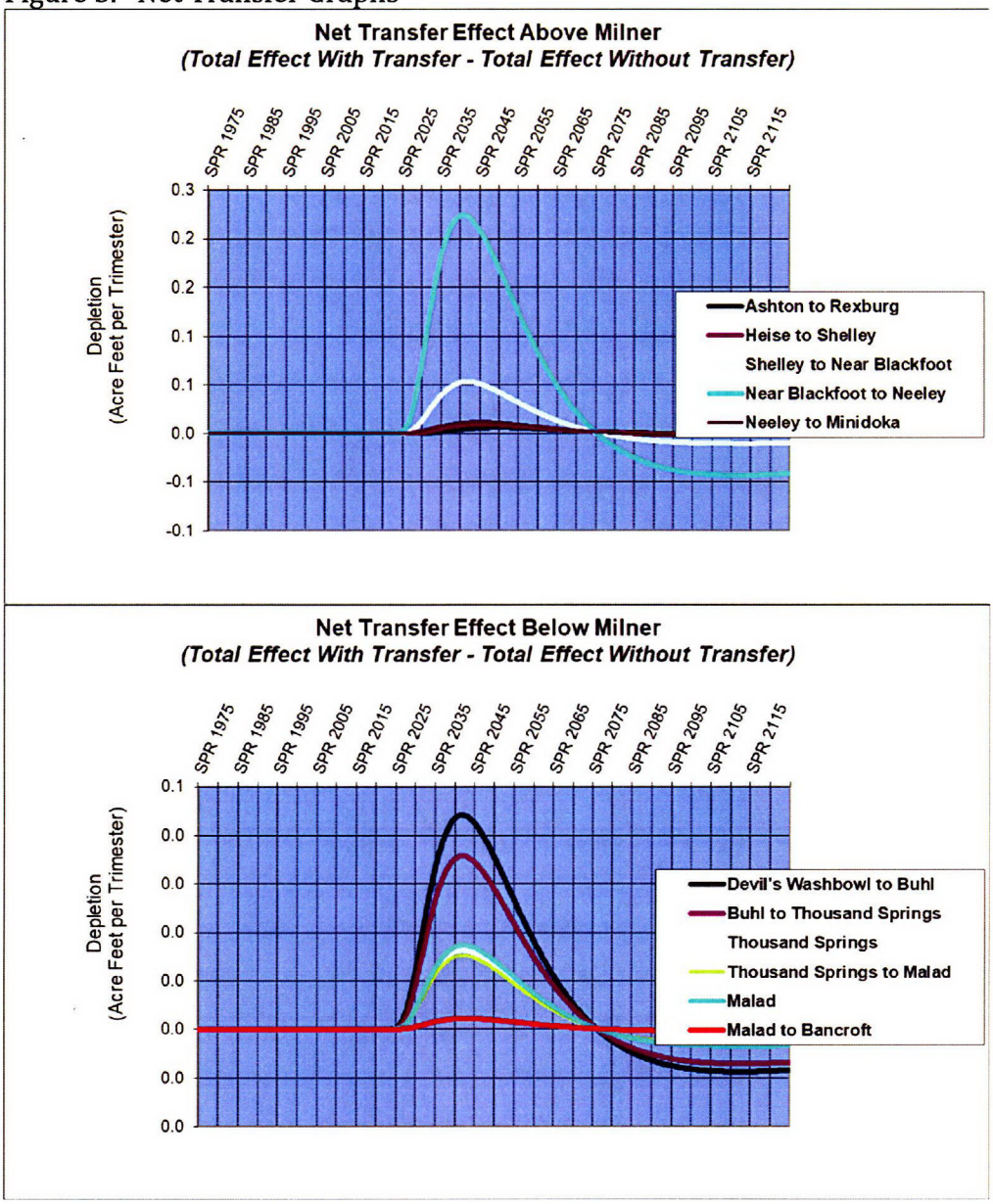
ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	25	5	15	0
COLUMN	113	106	112	0

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfer AF/TRIMESTER
SPR 1975	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 1975	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 1975	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 1976	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 1976	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 1976	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2020	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2020	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2020	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2021	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2021	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2021	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2022	26.80	0.00	25.80	0.00	1.00	0.00	0.00
SUM 2022	26.80	0.00	25.80	0.00	1.00	0.00	0.00
WIN 2022	26.80	0.00	25.80	0.00	1.00	0.00	0.00
SPR 2023	26.80	0.00	25.80	0.00	1.00	0.00	0.00
SUM 2023	26.80	0.00	25.80	0.00	1.00	0.00	0.00
WIN 2023	26.80	0.00	25.80	0.00	1.00	0.00	0.00
SPR 2024	26.80	0.00	25.80	0.00	1.00	0.00	0.00
SUM 2024	26.80	0.00	25.80	0.00	1.00	0.00	0.00
WIN 2024	26.80	0.00	25.80	0.00	1.00	0.00	0.00
SPR 2025	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2025	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2025	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2026	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2026	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2026	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2027	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2027	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2027	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2028	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2028	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2028	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2123	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2123	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2123	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SPR 2124	0.00	25.80	25.80	1.00	1.00	0.00	0.00
SUM 2124	0.00	25.80	25.80	1.00	1.00	0.00	0.00
WIN 2124	0.00	25.80	25.80	1.00	1.00	0.00	0.00

SCANNED NOV 02 2022

Figure 3. Net Transfer Graphs



RECEIVED
NOV 0 2 2022

Figure 4. Calculated Affects

	1	101	102	103	104	105	106	107	108	109	110	111
	Net Transfer Effect (AF/four months)											
		Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft Tr Neeley	Neeley to Minidoka	Dev. Wbl. Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
SPR 1975		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1975		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1975		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1976		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1976		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1976		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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2022		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2023		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2023		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2023		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2024		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2024		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2024		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2025		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2025		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2025		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2026		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2026		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2026		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2027		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2027		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2027		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2028		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2028		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2028		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2123		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2123		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2123		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2124		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2124		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2124		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Enter First Time Step of Transfer: SPR 2010

Match: 106 Match: 456

	AtR	HtS	StNB	NBtN	NtM	DWtB	BtTS	TS	TStM	M	MtS	Total	
Preexisting Effects @ SS (Last Time Step):	0.30	0.48	2.37	9.81	0.61	1.97	1.59	0.73	0.68	0.78	0.10	19.42	Total Effects without Tra
ady State - Value of Dep. @ Last Time Step:	0.30	0.48	2.36	9.77	0.61	1.96	1.59	0.72	0.68	0.77	0.10	19.34	Total Effects with Transf
cts @ Transient State (Max Value Timestep):	0.30	0.48	2.37	9.81	0.61	1.97	1.59	0.73	0.68	0.78	0.10	19.42	Total Effects without Tra
ent State - Max. Value of Dep. After Transfer:	0.30	0.48	2.36	9.77	0.61	1.96	1.59	0.72	0.68	0.77	0.10	19.34	Total Effects with Transf
Steady State Change:	0.00	0.00	-0.01	-0.04	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00		
Transient State Change:	0.00	0.00	-0.01	-0.04	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00		

RECEIVED NOV 0 2 2022

WSB Mailing Checklist for Rentals

(For use on all new rental applications)

Key: Who Completes What?
CLERICAL STAFF: MC
REVIEWER: SN

Received Date: 12/17/2021
Latest Start Date: 6/01/2022
Renter: Anderson, J
Rental Expiration Date: Dec 2024
Lease/Rental Package: Y (N)

Application # 2239
Agreement # 627

Water Right	Lease Contract ID
# 34-13621	1125
# 34-13752	1367
# 34-13754	
#	
#	
#	
#	
#	
#	
#	
#	
#	
#	

Applicant Authorized?	(Y) / N
Map of POU and POD	(Y) / N
POD consent?	(Y) / N
ESPA Modeling?	(Y) / N NA
Application Complete?	(Y) / N
Minimum Checklist in database?	☐
Request for additional information letter sent:	Y (NA)
WSB Action Request for deficiencies	☐

Comments:

Wants Ground water to supplement existing surface water, lease 1367 GW is leased with primary surface rights

Comment Request sent 5-18 (7 days = 5/25)

Mailings (per application)		Original	CC	Email or Address
Renter:	Anderson, Joel	☒	☐	
Attorney:		☐	☐	
Consultants Name:	Kristin Moore - Rocky Mtn Environmental	☐	☒	kristin.rmea@gmail.com
Conveyence Entity: Big Lost River Irr. Dist. (Ex. Irrigation Dist. of Canal Co.)		(final only)	☐	
(Ground) Water Dist: GWD - Big Lost River		(final only)	☒	blrgwd@atcnet.net
Other: WD 34 - Big Lost River (WD Snake 01, Boise, Payette, and Bear River)		(final only	☒	
Region:	Eastern	(final only	☐	
Watermaster:	Lucas Yockey	(final only	☐	
Compliance:	yes	(final only)	☒	

Resolving NOV? (Y)/N
E2021-2759

Call up Date: _____

DO NOT SCAN

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

November 2, 2022

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

RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 34-13621, 34-13754, 34-13752, 34-13756, 34-13758, 34-13760
AGREEMENT 627

Dear Renter:

Please find enclosed receipts in the amount of **$2,254.00** and a copy of the fully executed Water Supply Bank Rental Agreements in connection with the rental of 113 acre-feet of water for irrigation of 21 acres during 2022. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or $2,028.60 of the rental fees will be paid to the lessor(s) and 10% or $225.40 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. C114303
Rental Agreement (copy)

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

NOV 0 2 2022

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

September 20, 2022

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

RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 36-16178, 36-7510, 36-17152, 45-11969, 1-10443 & 36-4179
AGREEMENT 622

*****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.

The Rental Agreement reflects a reduction to the number of irrigated acres to avoid enlargement of the rented water rights. The acre reduction was made to match the rate of 0.02 cfs/ac for Water Right 34-2353 at the pivot.

A rental fee of $2,254.00 per year was calculated based on the current rental rate of $20.00 per acre-foot times a diversion volume of 113 acre-feet.

Please send a check for $2,254.00 for 2022 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement**, **within 14 days** so I can complete processing. An annual payment shall be received by the Department prior to the execution of this agreement and prior to January 1 in all subsequent years for the duration of the rental period. 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.

Pursuant to the Water Supply Bank Rules, 90% or $2,028.60 of the rental fee will be paid to the lessor(s) and 10% or $225.40 will be retained by the Department to offset administrative costs for **2022**.

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
Kristin Moore – Rocky Mountain Environmental

SCANNED
NOV 02 2022

MEMORANDUM FOR RENTAL CONTRACT #627

To: Water Right(s) 34- 13621, 34-13752, 34-13954 34-13956, 34-13758, and 34-137560

From: Shilynn Novak

Date: August 9, 2022

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

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PURPOSE/NARRATIVE: This memo is to supplement the previous memo from May 18, 2022 which was updated in July of 2022. This memo was completed after review of Rental Contract 627.

Not all subject areas included additional information.

To proceed with the rental process, the acres were reduced on the contract. The change made to the rental will be stated in the cover letter to the applicant for the applicant to review. The agreement then will be left up to the applicant to sign and return with the understanding that the acres were reduced.

AUTHORITY TO FILE: No additional information.

WATER RIGHT VALIDITY: No additional information.

INJURY TO OTHER WATER RIGHTS: The number of irrigated acres and volume allowed to use will be reduced to avoid enlargement which would injure other water rights. See Enlargement of Use below for details.

ENLARGEMENT OF USE: Although the previous memo stated there were no initial concerns about enlargement, upon further review, there is concern about enlargement of the rental of these water rights. The applicant requested that 0.01 cfs/acre be applied to the requested 32.2 acres. This would have been acceptable if water right 34-2353 had the same rate per acre. 34-2353 is for 219 acres and has a rate of 0.02 cfs/ac, but only covers a portion of the pivot. To avoid enlargement of the rented water rights, the acres will be reduced and will match the 0.02 cfs/ac that is on the rest of the pivot. If the rate of 0.42 cfs were applied at 0.02 cfs/ac, a total of 21 acres can be irrigated at this rate.

$$\frac{0.42\ cfs}{}\left|\frac{ac}{0.02\ cfs}\right|21\ acres$$

By reducing the number of irrigated acres there would be no enlargement of the rented water rights and would meet the standard duty of water.

Since the number of acres were reduced, the volume was also reduced to not exceed the standard 3.5 af/ac for the area. The original request was for 113.2 af for 32.2 acres (3.5 af/ac) and is reduced to 73.5 af for irrigation of 21 acres (3.5 af/ac) and is reflected in the Total Water Use Authorized Under Rental Agreement table on the second page. The whole volume needs to be rented as it is associated with requested rate, but only 73.5 af is allowed.

LOCAL PUBLIC INTEREST: No additional information.

BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: No additional information.

SCANNED
NOV 02 2022

DEPARTMENT STAFF OR WATERMASTER COMMENTS: A request for comment was solicited from IDWR Eastern Region as well as the water master for WD 34. Both had no concerns with the rental application.

SCANNED
NOV 02 2022

MEMORANDUM FOR APPLICATION #2239

To: Water Right(s) 34- 13621, 34-13752, 34-13954 34-13956, 34-13758, and 34-137560

From: Shilynn Novak

Date: May 18, 2022; Updated 7/2022

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

---

PURPOSE/NARRATIVE: Water Supply Bank (WSB) rental application 2239 was received by the Department on December 17, 2021. This rental application was signed by Joel Andersen and was prepared by Kristen Moore of Rocky Mountain Environmental Assoc. Inc. The rental application requests ground water for irrigation of 32.2 acres that are not covered by water right 34-2353 (ground water) in the event water rights 34-270 (Big Lost River), 34-382 (Big Lost River), 34-383B (Big Lost River), and 34-788 (Big Lost River) are curtailed or are undeliverable.

The original application only requested 34-13621, 34-13752 and 34-13754. Water rights 34-13752 and 34-13954 are ground water rights that have a combined use limit with water rights 34-13956, 34-13758, and 34-137560 which cannot be separated. The surface water rights were not included on the application and were added by WSB review staff. Adding these rights do not increase the amount of water rented so no additional fee is required.

NOV E2021-2759 was issued January 2022 for the unauthorized diversion and use of ground water to irrigate 42 acres of land and was resolved between the applicant and the IDWR Compliance Program. Because the NOV was resolved, the rental application is for irrigation of acres not covered by appurtenant rights.

The rental requested 32.2 acres which falls within the 42 acres of land identified in the resolved NOV. A second rental (rental app 2285) was received by the Department on January 18, 2022, which is to cover 9.4 acres of the resolved NOV.

AUTHORITY TO FILE: Mr. Andersen does not own the property where irrigation is requested but included an Agriculture Farm Lease Agreement. This Agriculture Farm Lease Agreement is between Alvin and Gay Wheeler and Mr. Andersen which allows for irrigation, use of the well, and pivot of land for crop.

WATER RIGHT VALIDITY: The ground water rights requested to be rented are valid and available for rental. Only a portion of water rights 34-13752, 34-13954 34-13956, 34-13758, and 34-137560 were placed into the bank. The other portion of the rights are currently in use at the original water right POU.

The POD is recorded in the WMIS database as WMIS #163.

INJURY TO OTHER WATER RIGHTS: No initial concerns about injury. Modeling from the ETRAN tool was provided with the application and indicates no additional mitigation is required. A separate run of the model was completed by review staff which verified the previous results.

The model was run using both leases in one model run to better reflect the total impacts on the Snake River. Review staff and the applicant both used the nearest grid cell for Lease 1125 since it is outside of the ESPA grid boundary. The leased and rental rights are in Basin 34.

SCANNED
NOV 02 2022

The volumes for the model were determined by the table below:

Water Right	Priority Date	Acres	Consumptive Use Volume	Consumptive Use Per Trimester
34-13621	03-18-1975	31	31 ac x 2.5 af/ac = 77.5 af	77.5 af / 3 tri = *25.83 af per tri*
34-13754	08-31-1976	1.2	1.2 ac x 2.5 af/ac = 3 af	3 af / 3 tri = *1 af per tri*

The rental place of use also has a consumptive use volume of 2.5 so no additional math is required. Both contracts were run in the same model run. Water right 34-13621 only has one POD which was used as one location in the "From1 Well" location in the model. Water rights 34-13752 and 34-13754 both share the single POD and was used in the "From2 Well" location in the model. The 1 af per trimester was used based on the priority date for 34-13754 because it is the limiting water right for the combined use limits and the consumptive use per trimester for 34-15752 would be 0.03 af/trimester which the model likely could not pick up.

The model only takes into consideration ESPA surface water impacts along the Snake River. The boundary for the model does not go all the way to water right 34-13621. Although the boundary does not go all the way to the POD for 34-13621, the POD is approximately 5 miles up into the valley. An assumption was made that the ground water from the water right would follow the same path as the Big Lost River. The water in the Big Lost River flows southeast, out of the valley, and towards the Snake River Plain. The Big Lost River eventually sinks directly into the aquifer.

Looking at recorded complaints in the local area that spans approximately 3.5 miles away from the rental POD, the complaints on file are for those irrigating without a water right. It is assumed there were no injury complaints currently on file and the Eastern Regional Office did not have any concerns when there was a request for comment for this rental.

The rental place of use falls within Water District 34 which all surface water and ground water rights are administered, except for domestic and stockwater rights within the water district boundary. The rental POD also falls within the Big Lost River Ground Water District as well as the lease PODs.

The rental is to supplement the use of the current water rights in place and will only be used if the surface water is curtailed for the season. Because the ground water use is not for the whole season, the window for impacts and injury of other water users is decreased. In the event that injury occurred, the water users could raise their concerns with the local watermaster.

ENLARGEMENT OF USE: No enlargement is anticipated. The requested ground water will be used when/if the surface water rights from the Big Lost River are curtailed.

To avoid enlargement, the surface water rights that are stacked with 34-13752 and 34-13954 were included with the rental which would ensure that they cannot be rented and used separately.

The applicant requested to have a minimum diversion rate of 0.46 cfs but the requested rights allow only 0.42 cfs that can be used for the rental. The applicant listed 0.64 cfs as the desired rate but the water rights requested only allow for a total of 0.42 cfs and the rental will be limited to this rate.

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NOV 02 2022

Priority Date	Water Right	Source	Beneficial Use	Div. Rate	Volume	Acres	Rate/Acre	Vol/Acre
03-18-1975	34-13621	GROUND WATER	IRRIGATION	**0.390**	**108.5**	**31**	**0.01**	**3.5**
01-30-1961	34-13752	GROUND WATER	IRRIGATION	0.005	1.75	0.5	0.01	3.5
08-31-1976	34-13754	GROUND WATER	IRRIGATION	**0.020**	**4.2**	**1.2**	**0.02**	**3.5**
05-01-1905	34-13756	BIG LOST RIVER	IRRIGATION	0.014	2.4	0.7	0.02	3.43
05-01-1906	34-13758	BIG LOST RIVER	IRRIGATION	0.004	0.7	0.2	0.02	3.5
05-01-1977	34-13760	BIG LOST RIVER	IRRIGATION	0.005	1.1	0.3	0.02	3.67
			CUL (rentable elements):	**0.03**	**4.2**	**1.2**	**0.03**	**3.5**
			Total Rent:	*0.42*	*112.7*	*32.2*	*0.01*	*3.5*

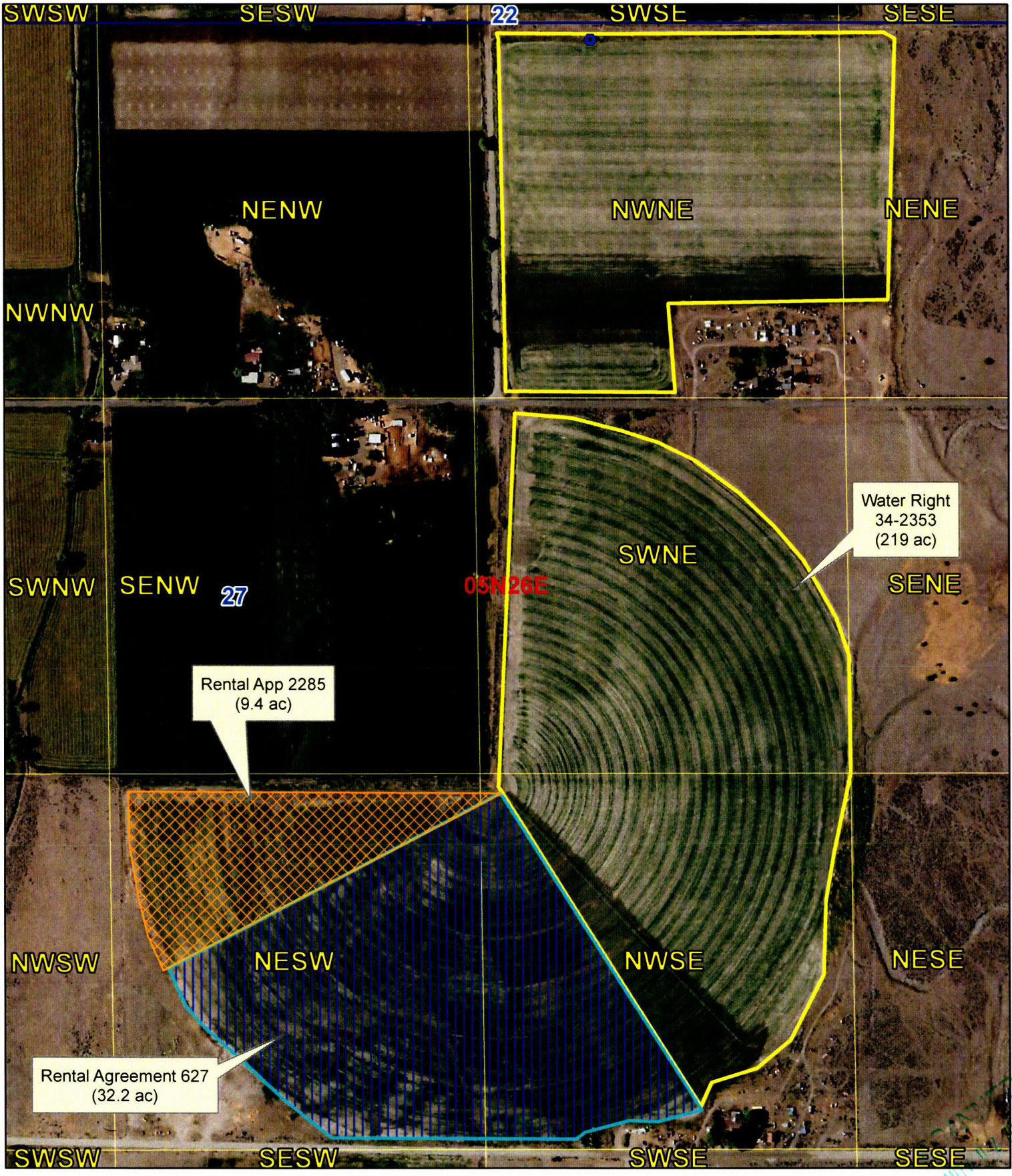
LOCAL PUBLIC INTEREST: Review staff has no information to suggest this application is inconsistent with the local public interest.

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

DEPARTMENT STAFF OR WATERMASTER COMMENTS: A request for comment was solicited from IDWR Eastern Region as well as the water master for WD 34. Concerns will be addressed in a follow-up memo if applicable.

SCANNED
NOV 0 2 2022

Map of irrigated acres for J. Andersen



Novak, Shilynn

From: Novak, Shilynn
Sent: Wednesday, May 18, 2022 10:12 AM
To: watermaster34@atcnet.net; Cefalo, James
Subject: WSB Rental 2239 Andersen - Request for Comment
Attachments: etran input & results.docx; move map.pdf; . Rental Review Memo.docx; RentalMap - Reference.pdf; Rental App 2239.pdf

Good morning,

The Water Supply Bank received Rental App 2239 to rent water rights 34-13621, 34-13752, 34-13954, 34-13956, 34-13758, and 34-137560 from the Water Supply Bank to irrigate 32.2 acres. Attached is a copy of the review memo, move map, and etran info for your review. Included is an additional map which better shows the Rental POU, Rental POD and the boundary for the NOV. Please provide any comments or concerns you have within the next 7 days. If no comments are received in the next 7 days, I will assume there are no issues with this rental and proceed with processing.

Sincerely,

Shilynn Novak

Water Resource Agent, Sr. | Water Rights
Idaho Dept. of Water Resources
322 E Front St Ste 648 | Boise ID 83702-7371
Phone: (208) 287-4915

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MEMORANDUM FOR APPLICATION #2239

To: Water Right(s) 34- 13621, 34-13752, 34-13954 34-13956, 34-13758, and 34-137560

From: Shilynn Novak

Date: May 18, 2022

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

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PURPOSE/NARRATIVE: Water Supply Bank (WSB) rental application 2239 was received by the Department on December 17, 2022. This rental application was for an signed by Joel Andersen and was prepared by Kristen Moore of Rocky Mountain Environmental Assoc. Inc. The rental application requests ground water for irrigation of 32.2 acres that are not covered by water right 34-2353 (ground water) in the event water rights 34-270 (Big Lost River), 34-382 (Big Lost River), 34-383B (Big Lost River), and 34-788 (Big Lost River) are curtailed or are undeliverable.

Water rights 34-13752 and 34-13954 are ground water rights that have a combined use limit with water rights 34-13956, 34-13758, and 34-137560 which cannot be separated. The surface water rights were not included on the application and were added by WSB review staff. Adding these rights do not increase the amount of water rented so no additional fee is required.

NOV E2021-2759 was issued January 2022 for the unauthorized diversion and use of ground water to irrigate 42 acres of land. The requested 32.2 acres falls within the 42 acres of land identified in the NOV.

AUTHORITY TO FILE: Mr. Andersen does not own the property where irrigation is requested but included an Agriculture Farm Lease Agreement. This Agriculture Farm Lease Agreement is between Alvin and Gay Wheeler and Mr. Andersen which allows for irrigation, use of the well, and pivot of land for crop.

WATER RIGHT VALIDITY: The ground water rights requested to be rented are valid and available for rental. Only a portion of water rights 34-13752, 34-13954 34-13956, 34-13758, and 34-137560 were placed into the bank. The other portion of the rights are currently in use at the original water right POU.

The POD is recorded in the WMIS database as WMIS #163.

INJURY TO OTHER WATER RIGHTS: No initial concerns about injury. Modeling from the ETRAN tool was provided with the application and indicates no additional mitigation is required. A separate run of the model was completed by review staff which verified the previous results. The leased and rental rights are in Basin 34.

ENLARGEMENT OF USE: No enlargement is anticipated. The requested ground water will be used when/if the surface water rights from the Big Lost River are curtailed.

To avoid enlargement, the surface water rights that are stacked with 34-13752 and 34-13954 were included with the rental which would ensure that they cannot be rented and used separately.

The applicant requested to have a minimum diversion rate of 0.46 cfs but with the rights that were requested, only 0.42 cfs can be used for the rental. The applicant listed 0.64 cfs as the

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desired rate but the water rights requested only allow for a total of 0.42 cfs and the rental will be limited to this rate.

Priority Date	Water Right	Source	Beneficial Use	Div. Rate	Volume	Acres	Rate/Acre	Vol/Acre
03-18-1975	34-13621	GROUND WATER	IRRIGATION	**0.390**	**108.5**	**31**	**0.01**	**3.5**
01-30-1961	34-13752	GROUND WATER	IRRIGATION	0.005	1.75	0.5	0.01	3.5
08-31-1976	34-13754	GROUND WATER	IRRIGATION	**0.020**	**4.2**	**1.2**	**0.02**	**3.5**
05-01-1905	34-13756	BIG LOST RIVER	IRRIGATION	0.014	2.4	0.7	0.02	3.43
05-01-1906	34-13758	BIG LOST RIVER	IRRIGATION	0.004	0.7	0.2	0.02	3.5
05-01-1977	34-13760	BIG LOST RIVER	IRRIGATION	0.005	1.1	0.3	0.02	3.67
			CUL (rentable elements):	**0.03**	**4.2**	**1.2**	**0.03**	**3.5**
			Total Rent:	*0.42*	*112.7*	*32.2*	*0.01*	*3.5*

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

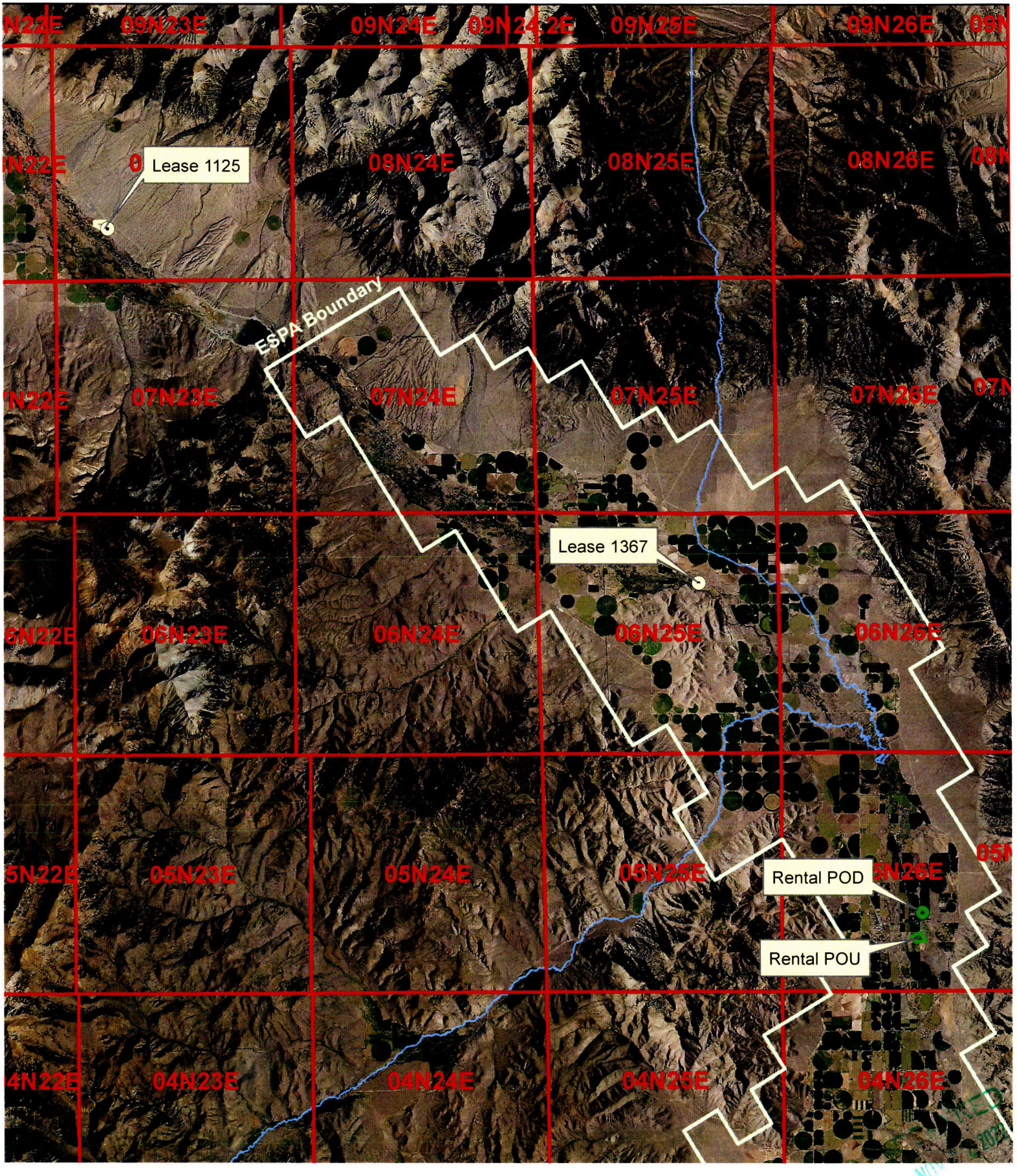
BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: A request for comment was solicited from IDWR Eastern Region as well as the water master for WD 34. Concerns will be addressed in a follow-up memo if applicable.

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WSB Rental Application 2239

Lease 1125 and Lease 1367 to Rental App 2239



ETRAN Model Input and Results

ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON		TRANSFER NO:	Rental App 2239
YEAR	1970	TRANSFER NAME:	
SEASON	SPRING		Andersen, Joel

CALCULATE EFFECTS

ENTER CELL LOCATIONS:	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	25	5	15	0
COLUMN	113	106	112	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use	With Transfer	Without Transfer	With Transfer	Without Transfer	With Transfer	Without Transfer
	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER
SPR 1970	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1970	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 1970	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 1971	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1971	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 1971	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 1972	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1972	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 1972	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WIN 1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 1975	0.00	25.83	25.83	0.00	0.00	0.00	0.00
SUM 1975	0.00	25.83	25.83	0.00	0.00	0.00	0.00
WIN 1975	0.00	25.83	25.83	0.00	0.00	0.00	0.00
SPR 1976	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SUM 1976	0.00	25.83	25.83	1.00	1.00	0.00	0.00
WIN 1976	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SPR 1977	0.00	25.83	25.83	1.00	1.00	0.00	0.00

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SUM 2020	0.00	25.83	25.83	1.00	1.00	0.00	0.00
WIN 2020	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SPR 2021	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SUM 2021	0.00	25.83	25.83	1.00	1.00	0.00	0.00
WIN 2021	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SPR 2022	26.83	0.00	25.83	0.00	1.00	0.00	0.00
SUM 2022	26.83	0.00	25.83	0.00	1.00	0.00	0.00
WIN 2022	26.83	0.00	25.83	0.00	1.00	0.00	0.00
SPR 2023	26.83	0.00	25.83	0.00	1.00	0.00	0.00
SUM 2023	26.83	0.00	25.83	0.00	1.00	0.00	0.00
WIN 2023	26.83	0.00	25.83	0.00	1.00	0.00	0.00
SPR 2024	26.83	0.00	25.83	0.00	1.00	0.00	0.00
SUM 2024	26.83	0.00	25.83	0.00	1.00	0.00	0.00
WIN 2024	26.83	0.00	25.83	0.00	1.00	0.00	0.00
SPR 2025	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SUM 2025	0.00	25.83	25.83	1.00	1.00	0.00	0.00
WIN 2025	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SPR 2026	0.00	25.83	25.83	1.00	1.00	0.00	0.00
SUM 2026	0.00	25.83	25.83	1.00	1.00	0.00	0.00

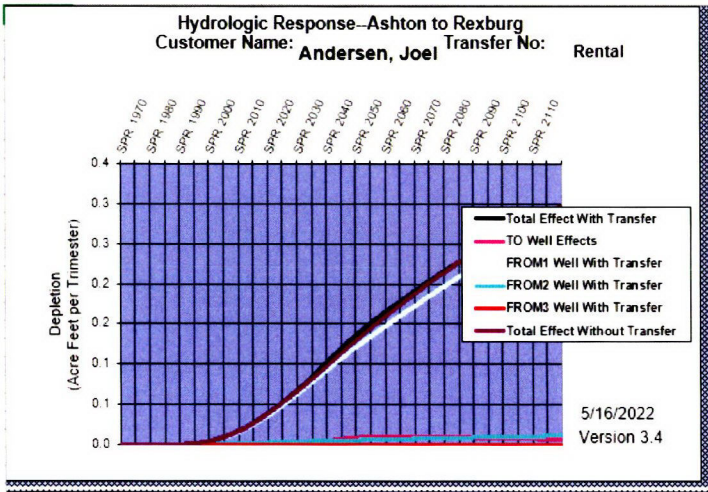
Impact by Reach (AF/Trimester)

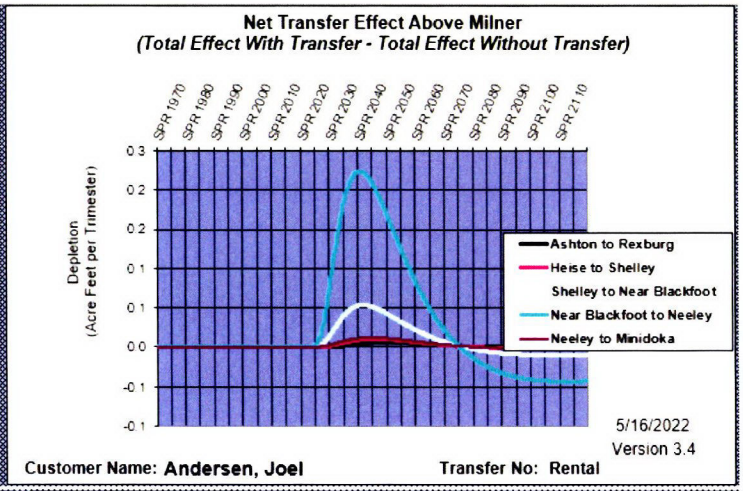
Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
0.30	0.47	2.32	9.60	0.60	1.92	1.56	0.71	0.66	0.76	0.10
0.30	0.47	2.31	9.56	0.59	1.91	1.55	0.71	0.66	0.76	0.10
0.30	0.47	2.32	9.60	0.60	1.92	1.56	0.71	0.66	0.76	0.10
0.30	0.47	2.31	9.56	0.59	1.91	1.55	0.71	0.66	0.76	0.10

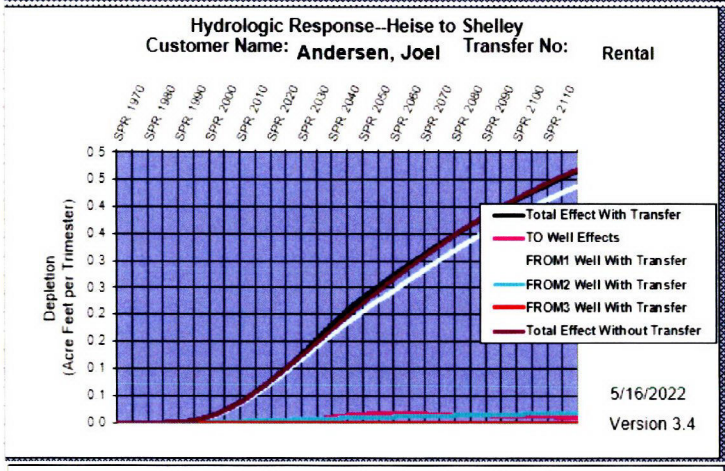
Steady State Analysis	Mitigation Check 1 - >10% of Historical:	-0.4%	-0.4%	-0.4%	-0.4%	-0.5%	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%
	Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mitigation Check 3 - >10% of Total:	1.6%	2.5%	12.2%	50.5%	3.1%	10.1%	8.2%	3.7%	3.5%	4.0%	0.5%
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

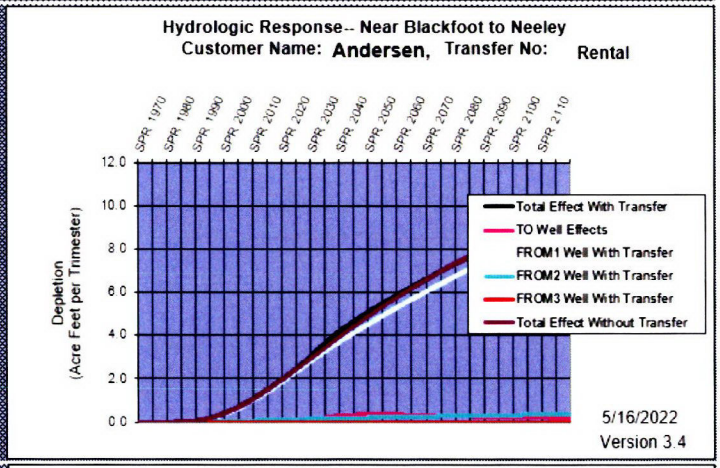
Transient State Analysis	Mitigation Check 1 - >10% of Historical:	-0.4%	-0.4%	-0.4%	-0.4%	-0.5%	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%
	Mitigation Check 2: > 2.01 AF/T:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

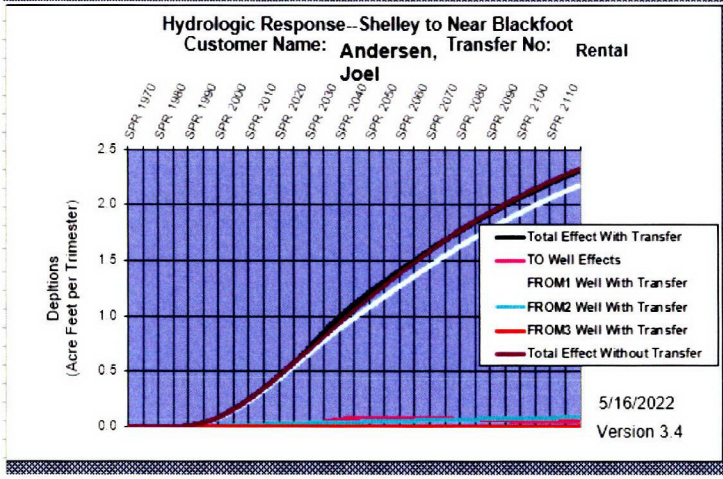
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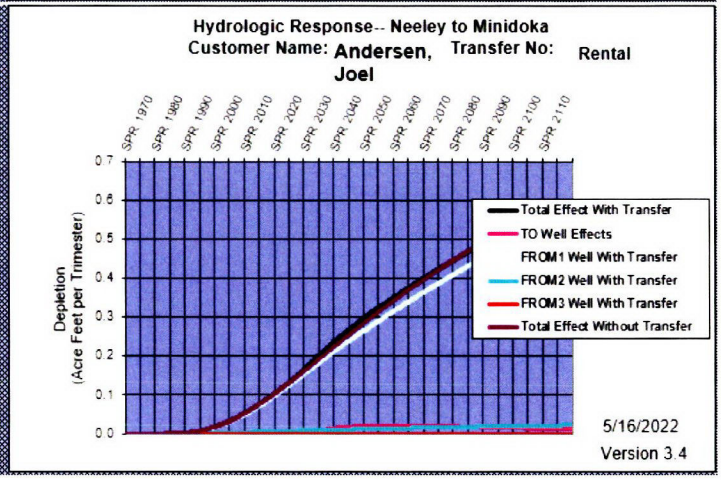




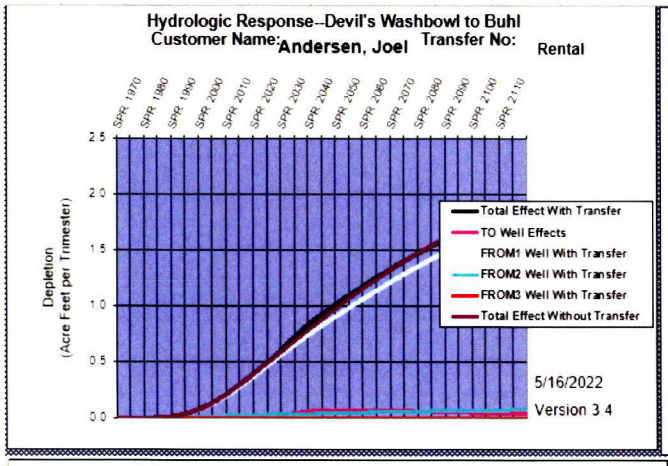


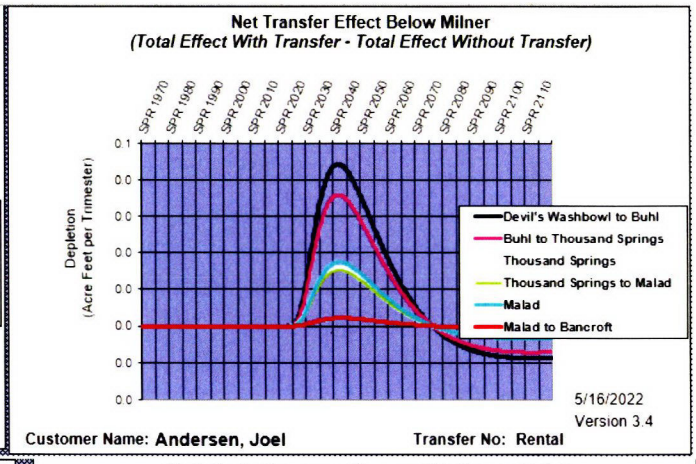


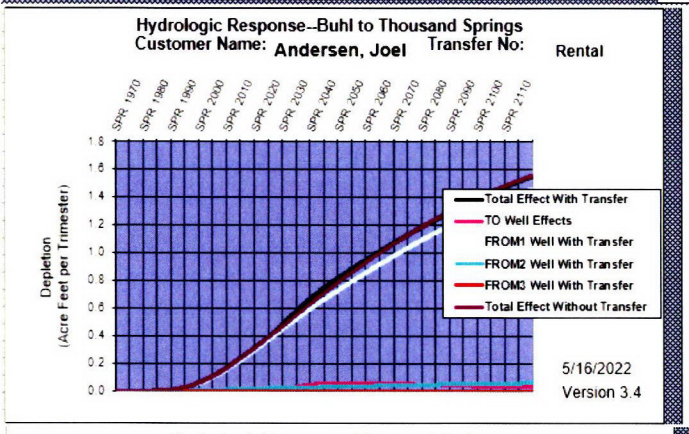


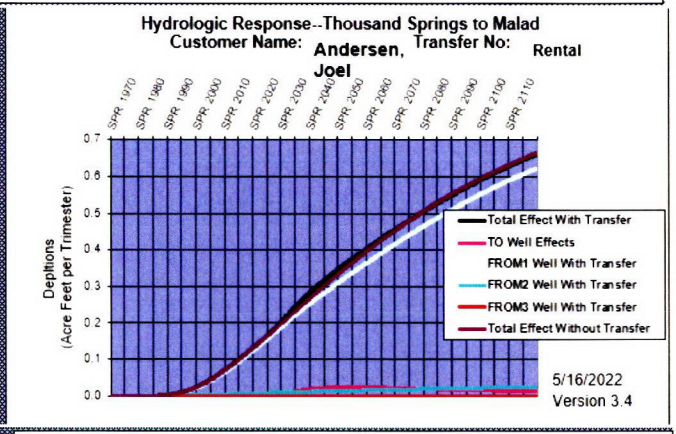


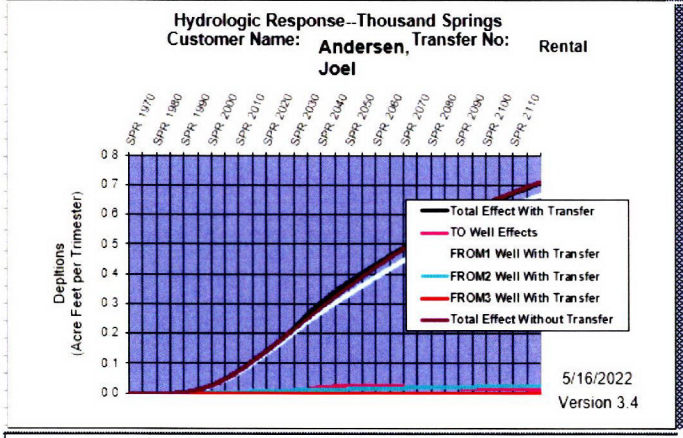
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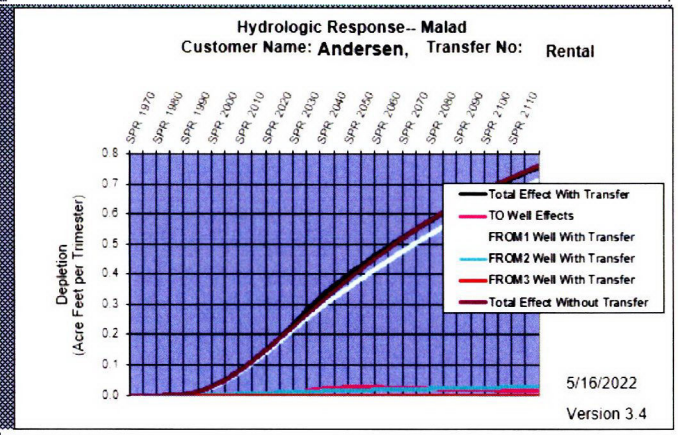


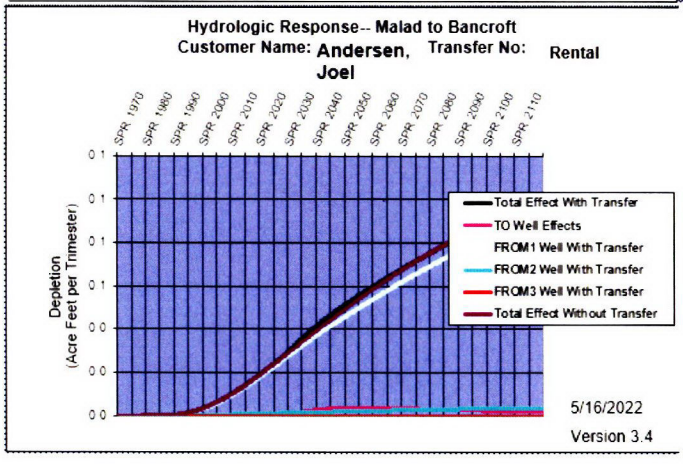












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