

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

JUN 10 2021

DEPARTMENT OF
WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 542

This is to certify that:

RITCHEY TOEVS
2841 W 1800 S
ABERDEEN, ID 83210-1832

JOANNE TOEVS
2841 W 1800 S
ABERDEEN, ID 83210-1832

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

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
43-13597	5/23/1962	GROUND WATER	0.04	28.4	7.1	0.006	4.00
43-13595	5/4/1978	GROUND WATER	0.25	59.6	14.9	0.017	4.00
Combined Limit Totals			0.25	88.0	22.0	0.011	4.00
29-11278	12/31/1937	GROUND WATER	0.11	7.2		∞	∞
29-14000	12/31/1976	GROUND WATER	0.11	16.7		∞	∞
Combined Limit Totals			0.07	15.2		∞	∞
29-2489B	4/13/1964	GROUND WATER	0.59	119	33.9	0.016	3.26
29-10054	7/28/1968	GROUND WATER	0.10	17.9	5.1	0.017	3.30
Combined Limit Totals			0.59	137	39	0.015	3.50
36-16702	3/13/1981	GROUND WATER	0.37	74.4	18.6	0.020	4.00
29-13941	10/3/1977	GROUND WATER	0.18	41.8	10.5	0.017	3.98
29-2494	7/18/1966	GROUND WATER	0.04	14.2	4.0	0.010	3.56
Combined Rental Totals			1.50	370	94.1	0.016	3.93

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: \$7,404.00

The full fee for the rental of the above-described right(s) is \$7,404.00 for 2021. The rental fee includes an administrative fee of \$740.40 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	0.85	318	79.5	0.019	4.0
Combined Total	0.85	318	79.5	0.019	4.0

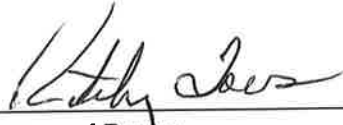
** The authorized water usage reflects a reduction from the water right elements rented, to account for mitigation required to offset impacts to the Eastern Snake Plain Aquifer (ESPA) and the Snake River and enlargement concerns.*

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 542

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

June 02, 2021
Date

Rithy Tocus
Printed Name

owner/renter
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 6/14/21

Rental approved by IDWR 

Date 6/14/21

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 542

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NESW Sec. 16, Twp 04S, Rge 31E, BINGHAM County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.85 CFS

VOLUME
318 AF

SEASON OF USE

Water Right No.	From	To
29-2489B	4/1	10/31
29-10054	4/1	10/31
29-2494	4/1	10/31
43-13595	4/1	10/31
43-13597	4/1	10/31
36-16702	4/1	10/31
29-13941	4/1	10/31
29-11278	4/1	10/31
29-14000	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	
04S	31E	16													18	20	21	20	79

Total Acres: 79.0

RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
5. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
7. Renter acknowledges and agrees that the Director may terminate authorization for the use of a water right based on a water right's priority date.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 542

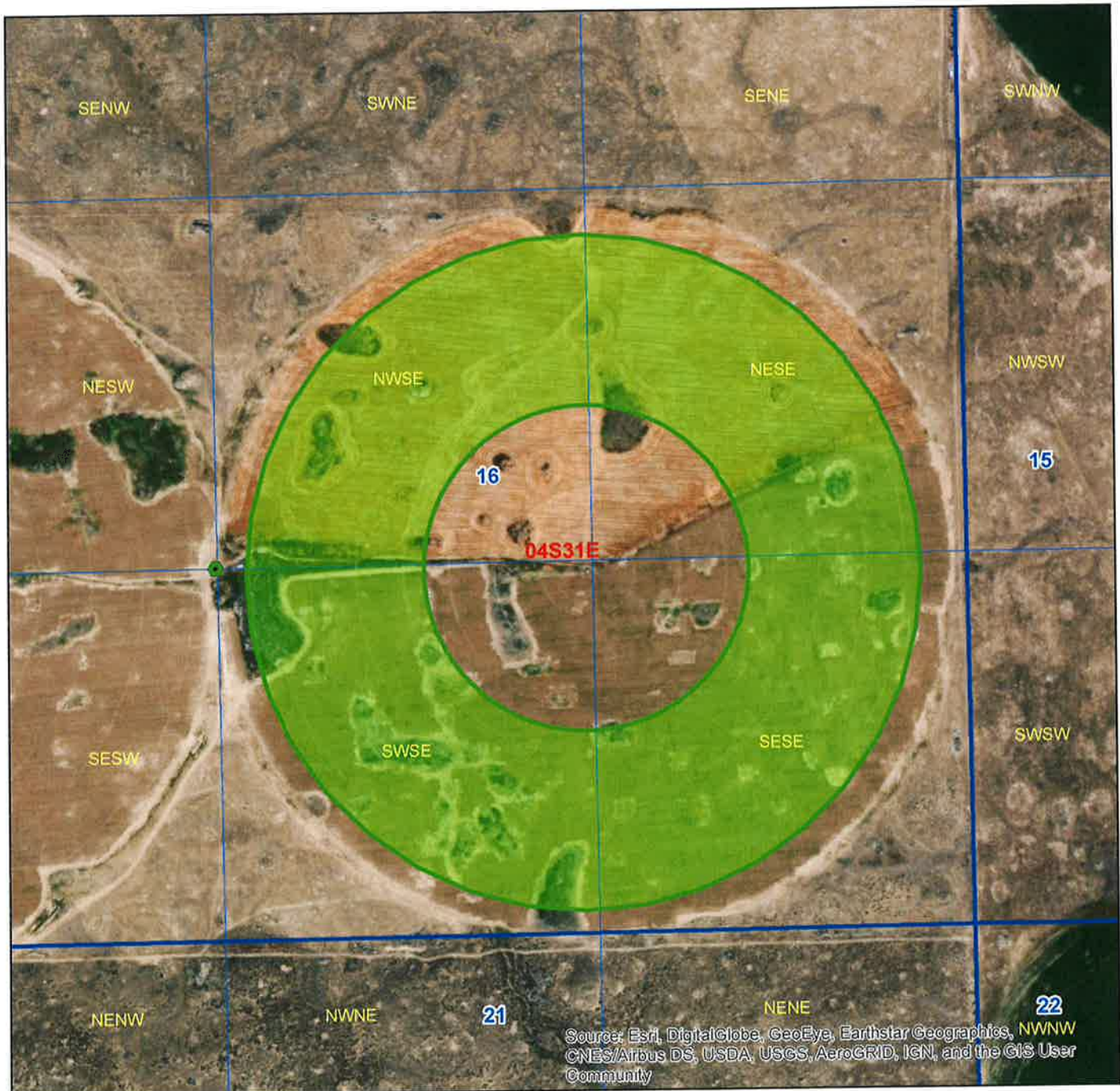
9. Use of water under this rental may be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this rental is within State Water District No. 120.
10. Use of water under water rights 29-2489B and 29-10054 is limited to a total combined diversion rate of 0.59 cfs and to a total combined annual diversion volume of 137 af.
11. Water right 29-10054 is subordinate to all water rights with a priority date earlier than April 12, 1994, that are not decreed as enlargements pursuant to Section 42-1426, Idaho Code. As between water rights decreed as enlargements pursuant to Section 42-1426, Idaho Code, the earlier priority right is the superior right.
12. Water right 29-14000 is an enlargement of water right 29-11278 pursuant to Section 42-1426, Idaho Code.
13. Water rights 29-14000 and 29-11278 are limited to a total combined diversion rate of 0.07 cfs.
14. Use of water under water rights 43-13595 and 43-13597 are limited to a total combined diversion rate of 0.25 cfs and to a total combined annual diversion volume of 88.0 af for the irrigatoin of 22 acres.
15. This use of water under this rental, when combined with all other rights, shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
16. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
17. This rental does not authorize the construction of a well.
18. Water authorized by this agreement when combined with Rights 35-13991 and 35-14040 shall not exceed a total diversion rate of 1.11 cfs, a total annual maximum diversion volume of 414 af at the field headgate, and the irrigation of 103.6 acres.

Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 542

Effective until December 31, 2021

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



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



0 500 1,000 Feet

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

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

FEB 22 2021

DEPARTMENT OF
WATER RESOURCESApplicant Name: William Toevs and Joan Toevs

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)

1995

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

1. CONTACT INFORMATION

- A. Applicant William Toevs and Joan Toevs
- Mailing Address 2841 W 1800 S Aberdeen Idaho 83210
- Street City State Zip Code
- Email Address wrtoevs@gmail.com Phone Number 2086042599
- B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☐ No ☐
- If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.
- Representative Greg Sullivan Professional Title Engineer
- Organization Brockway Engineering Relationship to Applicant Consultant
- Mailing Address 2016 North Washington St Ste 4 Twin Falls, Idaho 83301
- Email Address greg.sullivan@brockwayeng.com Phone Number 208-736-8543

2. MAP

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

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

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

- 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)
1.71 CFS	371.2 AF	1.71 CFS	371.2 AF	95.9 AC

* Sometimes water rights provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.

- C. This section must be completed in full. Enter the proposed start date and latest possible start date for using rental water as well as the number of years you would like to rent water. The latest possible start is the latest possible date by which you would be willing to pay for a rental and be able to benefit from utilizing rental water.

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
4/15/21	6/1/21	☒ 1	☐ 2	☐ 3	☐ 4	☐ 5	☒ Process application as soon as possible	☐ Return application to applicant

* The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.

** Per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right. Water Supply Bank rental applicants are not authorized to utilize rental water prior to the execution of an approved rental agreement. Rental requests may be returned to applicants if no water is available from the Bank to fulfill a rental request.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- D. Describe your water distribution system and how rental water will be delivered from the point(s) of diversion (POD) to the proposed place of use (POU):
Existing well, mainline and delivery system.

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

POD Description	Water Source	Other Water Rights Diverted from this POD
NESW 16 T04S R31E	Ground Water	35-13609 and 35-7246M

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 95.9 (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:
35-13609 and 35-7246M

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)
See Exhibit A								
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	1.71	371.2	95.9
						CFS	AF	AC

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

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

N/A

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

Yes ☒ No ☐

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

29-11278 and 29-14000 The volume and acre amounts available under these two water rights are based on water bank agents recommendations.

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
None

DECLARATION

I hereby assert that the information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws. I understand that the submission of a rental application provides no guarantee for approval of a rental agreement. I also understand that, per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right and that I am not authorized to utilize water as proposed in this application prior to the execution of an approved rental agreement.

William R Toews
Signature of Applicant

William R Toews
Printed Name of Applicant

02/16/2021
Date

Joanne L Toews
Signature of Representative

JOANNE L Toews
Printed Name of Representative

02/16/2021
Date

Mail to:

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

Exhibit A

William Toevs
Rental Calculations

Water Right

Current Water Rights

Combined

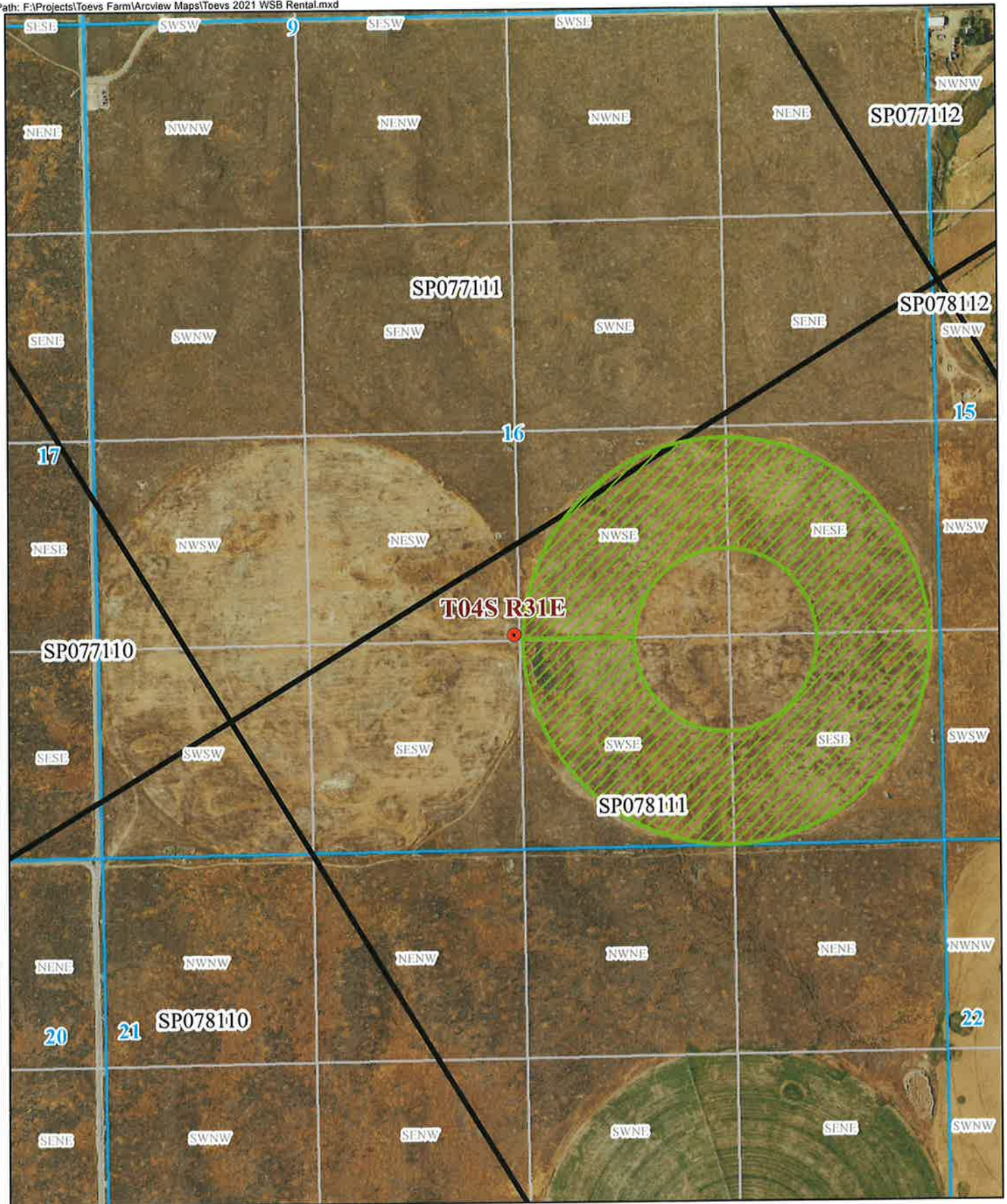
	CFS	AFA	Acres	Acres	
43-13595	5	1209.6	302.4	447.5	Irrigation
43-13597	0.89	580.4	145.1		Irrigation
36-16702	0.86	172	43	None	Irrigation
29-11278	0.11	7.2			Industrial, Domestic
29-14000	0.11	16.7			Industrial
29-13941	0.18	41.8	10.5	None	Irrigation
29-2489B	0.63		36	41.4	Irrigation
29-10054	0.1		5.4		Irrigation
29-2494	1.55	332	90	None	Irrigation

Lease WR Amounts

CFS	AFA	Acres
3.52	851.6	212.9
0.63	410.4	102.6
0.37	74.4	18.6
0.11	7.2	3.8
0.11	16.7	
0.18	41.8	10.5
0.63	126.0	36.0
0.10	18.9	5.4
0.04	8.4	2.1

Rental WR Amounts

CFS	AFA	Acres
0.25	59.6	14.9
0.04	28.4	7.1
0.37	74.4	18.6
0.07	7.2	3.8
0.07	15.2	
0.18	41.8	10.5
0.59	118.4	38.9
0.09	17.8	
0.04	8.4	2.1
1.71	371.2	95.9



0 500 1,000 Feet

BROCKWAY ENGINEERING, PLLC.
GWS - Date: 2/17/2021

TOEVS
IRRIGATION RENTAL
NAIP 2019 AERIAL

Legend

- Toevs PODs
- ▨ 2021 Rental



Mitigation Analysis Period
Trimester: 1

Trimester: 1 Annual
2 Trimester)
AF/T:

Total Reach Depletion Impacts

AF/T:	0.0	0.4	0.9	1.87	0.0	0.0	0.00	0.0	0.0	0.0	0.0
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One-Way Analysis of Independent Transfers

Transfer 1 : 44.4 Acres

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

	100.0%	Pre-SS	133.2 AFA	44.4 Acres	0.0 Acres Reduction						
	100.0%	Post-SS	133.2 AFA	44.4 Acres							
Impact by Reach (AF/Trimester)											
Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft		
0.63	1.86	5.59	18.24	3.86	4.11	4.65	2.06	1.30	1.19	0.07	
0.63	1.86	5.59	18.24	3.86	4.11	4.65	2.06	1.30	1.19	0.07	
0.63	1.86	5.59	18.24	3.86	4.11	4.65	2.06	1.30	1.19	0.07	
0.63	2.10	6.35	20.11	3.86	4.11	4.65	2.06	1.30	1.19	0.07	

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0
	Mitigation Check 3 - >10% of Total:	1.4%	4.3%	12.8%	41.9%	8.9%	9.4%	10.7%	4.7%	3.0%	0.2%
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transient State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	13.0%	13.6%	10.263%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.2	0.8	1.9	0.00	0.00	0.00	0.00	0.00	0.0
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.00	0.24	0.76	1.87	0.00	0.00	0.00	0.00	0.00	0.00

Read Me

Transfer 2 : 51.5 Acres

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

	100.0%	Pre-SS									
	100%	Post-SS									
Impact by Reach (AF/Trimester)											
Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft		
0.92	2.80	8.55	31.44	0.61	1.83	2.67	1.07	0.64	0.57	0.04	
0.92	2.80	8.55	31.44	0.61	1.83	2.67	1.07	0.64	0.57	0.04	
0.92	2.80	8.55	31.44	0.61	1.83	2.67	1.07	0.64	0.57	0.04	
0.92	2.91	8.74	31.44	0.61	1.83	2.67	1.07	0.64	0.57	0.04	

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0
	Mitigation Check 3 - >10% of Total:	1.8%	5.5%	16.7%	61.5%	1.2%	3.6%	5.2%	2.1%	1.2%	0.1%
	Mitigation Required?:	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
Transient State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	4.1%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.11	0.2	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.1	0.2	0.00	0.00	0.00	0.00	0.00	0.00	0.0

Transfer 3 :

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

	0.0%	Pre-SS	0.0 AFA								
	0.0%	Post-SS	0.0 AFA								
Impact by Reach (AF/Trimester)											
Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
	Mitigation Check 3 - >10% of Total:	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
	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
Transient State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0

Transfer 4 :

0.0% Pre-SS 0.000 AFA 0.0 Acres
0.0% Post-SS 0.000 AFA 0.0 Acres
0.0 Acres Mitigation 0

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

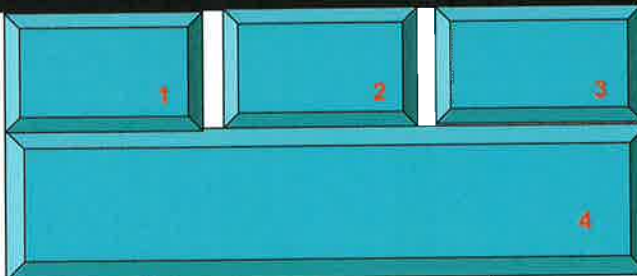
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON

YEAR: 1950

SEASON: SPRING

TRANSFER NO:

TRANSFER NAME:



ENTER CELL LOCATIONS:		'FROM1' CELL	'FROM2' CELL	'FROM3' CELL		
TO CELL						
78		92	72	95	22	66.0
111		71	69	119	18.6	55.8
					3.8	11.4

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1950	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1950	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1950	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1951	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1951	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1951	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1952	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1952	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1952	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1953	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1953	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1953	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1954	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1954	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1954	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1955	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1955	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1955	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1956	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1956	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1956	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1957	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1957	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1957	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1958	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1958	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1958	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1959	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1959	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1959	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1960	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1960	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1960	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1961	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SUM 1961	0.0	0.0	0.0	0.0	0.0	1.6	1.6
WIN 1961	0.0	0.0	0.0	0.0	0.0	1.6	1.6
SPR 1962	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1962	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1962	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1963	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1963	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1963	0.0	7.1	7.1	0.0	0.0	1.6	1.6

SPR 1964	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1964	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1964	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1965	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1965	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1965	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1966	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1966	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1966	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1967	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1967	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1967	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1968	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1968	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1968	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1969	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1969	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1969	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1970	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1970	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1970	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1971	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1971	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1971	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1972	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1972	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1972	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1973	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1973	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1973	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1974	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1974	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1974	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1975	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SUM 1975	0.0	7.1	7.1	0.0	0.0	1.6	1.6
WIN 1975	0.0	7.1	7.1	0.0	0.0	1.6	1.6
SPR 1976	0.0	7.1	7.1	0.0	0.0	3.8	3.8
SUM 1976	0.0	7.1	7.1	0.0	0.0	3.8	3.8
WIN 1976	0.0	7.1	7.1	0.0	0.0	3.8	3.8
SPR 1977	0.0	7.1	7.1	0.0	0.0	3.8	3.8
SUM 1977	0.0	7.1	7.1	0.0	0.0	3.8	3.8
WIN 1977	0.0	7.1	7.1	0.0	0.0	3.8	3.8
SPR 1978	0.0	22.0	22.0	0.0	0.0	3.8	3.8
SUM 1978	0.0	22.0	22.0	0.0	0.0	3.8	3.8
WIN 1978	0.0	22.0	22.0	0.0	0.0	3.8	3.8
SPR 1979	0.0	22.0	22.0	0.0	0.0	3.8	3.8
SUM 1979	0.0	22.0	22.0	0.0	0.0	3.8	3.8
WIN 1979	0.0	22.0	22.0	0.0	0.0	3.8	3.8
SPR 1980	0.0	22.0	22.0	0.0	0.0	3.8	3.8
SUM 1980	0.0	22.0	22.0	0.0	0.0	3.8	3.8
WIN 1980	0.0	22.0	22.0	0.0	0.0	3.8	3.8
SPR 1981	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1981	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1981	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 1982	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1982	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1982	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 1983	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1983	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1983	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 1984	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1984	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1984	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 1985	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1985	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1985	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 1986	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1986	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1986	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 1987	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1987	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1987	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 1988	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 1988	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 1988	0.0	22.0	22.0	18.6	18.6	3.8	3.8

[illegible]

SPR 2014	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2014	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2014	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2015	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2015	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2015	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2016	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2016	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2016	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2017	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2017	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2017	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2018	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2018	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2018	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2019	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2019	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2019	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2020	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2020	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2020	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2021	44.4	0.0	22.0	0.0	18.6	0.0	3.8
SUM 2021	44.4	0.0	22.0	0.0	18.6	0.0	3.8
WIN 2021	44.4	0.0	22.0	0.0	18.6	0.0	3.8
SPR 2022	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2022	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2022	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2023	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2023	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2023	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2024	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2024	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2024	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2025	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2025	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2025	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2026	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2026	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2026	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2027	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2027	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2027	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2028	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2028	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2028	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2029	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2029	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2029	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2030	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2030	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2030	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2031	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2031	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2031	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2032	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2032	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2032	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2033	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2033	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2033	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2034	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2034	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2034	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2035	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2035	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2035	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2036	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2036	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2036	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2037	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2037	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2037	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2038	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2038	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2038	0.0	22.0	22.0	18.6	18.6	3.8	3.8

[illegible]

[illegible]

SPR 2089	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2089	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2089	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2090	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2090	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2090	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2091	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2091	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2091	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2092	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2092	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2092	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2093	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2093	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2093	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2094	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2094	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2094	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2095	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2095	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2095	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2096	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2096	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2096	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2097	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2097	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2097	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2098	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2098	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2098	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SPR 2099	0.0	22.0	22.0	18.6	18.6	3.8	3.8
SUM 2099	0.0	22.0	22.0	18.6	18.6	3.8	3.8
WIN 2099	0.0	22.0	22.0	18.6	18.6	3.8	3.8

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

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

YEAR 1950
SEASON SPRING

TRANSFER NO:

TRANSFER NAME:

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	78	92	96	47
COLUMN	111	116	124	15

38.9	116.7
10.5	31.5
2.1	6.3

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1962	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
SPR 1963	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
WIN 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SPR 1964	0.0	33.8	33.8	0.0	0.0	0.0	0.0
SUM 1964	0.0	33.8	33.8	0.0	0.0	0.0	0.0
WIN 1964	0.0	33.8	33.8	0.0	0.0	0.0	0.0
SPR 1965	0.0	33.8	33.8	0.0	0.0	0.0	0.0
SUM 1965	0.0	33.8	33.8	0.0	0.0	0.0	0.0
WIN 1965	0.0	33.8	33.8	0.0	0.0	0.0	0.0
SPR 1966	0.0	33.8	33.8	0.0	0.0	1.1	1.1
SUM 1966	0.0	33.8	33.8	0.0	0.0	1.1	1.1
WIN 1966	0.0	33.8	33.8	0.0	0.0	1.1	1.1
SPR 1967	0.0	33.8	33.8	0.0	0.0	1.1	1.1
SUM 1967	0.0	33.8	33.8	0.0	0.0	1.1	1.1
WIN 1967	0.0	33.8	33.8	0.0	0.0	1.1	1.1
SPR 1968	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1968	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1968	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1969	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1969	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1969	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1970	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1970	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1970	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1971	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1971	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1971	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1972	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1972	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1972	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1973	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1973	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1973	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1974	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1974	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1974	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1975	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SUM 1975	0.0	38.9	38.9	0.0	0.0	1.1	1.1
WIN 1975	0.0	38.9	38.9	0.0	0.0	1.1	1.1
SPR 1976	0.0	38.9	38.9	0.0	0.0	2.1	2.1
SUM 1976	0.0	38.9	38.9	0.0	0.0	2.1	2.1
WIN 1976	0.0	38.9	38.9	0.0	0.0	2.1	2.1
SPR 1977	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1977	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1977	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1978	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1978	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1978	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1979	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1979	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1979	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1980	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1980	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1980	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1981	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1981	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1981	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1982	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1982	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1982	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1983	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1983	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1983	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1984	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1984	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1984	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1985	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1985	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1985	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1986	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1986	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1986	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1987	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1987	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1987	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1988	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1988	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1988	0.0	38.9	38.9	10.5	10.5	2.1	2.1

SPR 1989	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1989	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1989	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1990	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1990	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1990	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1991	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1991	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1991	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1992	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1992	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1992	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1993	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1993	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1993	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1994	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1994	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1994	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1995	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1995	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1995	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1996	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1996	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1996	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1997	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1997	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1997	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1998	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1998	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1998	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 1999	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 1999	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 1999	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2000	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2000	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2000	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2001	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2001	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2001	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2002	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2002	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2002	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2003	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2003	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2003	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2004	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2004	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2004	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2005	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2005	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2005	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2006	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2006	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2006	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2007	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2007	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2007	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2008	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2008	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2008	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2009	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2009	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2009	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2010	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2010	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2010	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2011	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2011	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2011	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2012	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2012	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2012	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2013	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2013	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2013	0.0	38.9	38.9	10.5	10.5	2.1	2.1

SPR 2014	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2014	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2014	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2015	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2015	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2015	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2016	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2016	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2016	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2017	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2017	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2017	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2018	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2018	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2018	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2019	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2019	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2019	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2020	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2020	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2020	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2021	51.5	0.0	38.9	0.0	10.5	0.0	2.1
SUM 2021	51.5	0.0	38.9	0.0	10.5	0.0	2.1
WIN 2021	51.5	0.0	38.9	0.0	10.5	0.0	2.1
SPR 2022	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2022	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2022	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2023	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2023	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2023	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2024	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2024	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2024	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2025	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2025	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2025	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2026	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2026	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2026	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2027	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2027	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2027	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2028	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2028	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2028	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2029	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2029	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2029	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2030	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2030	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2030	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2031	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2031	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2031	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2032	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2032	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2032	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2033	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2033	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2033	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2034	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2034	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2034	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2035	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2035	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2035	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2036	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2036	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2036	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2037	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2037	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2037	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2038	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2038	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2038	0.0	38.9	38.9	10.5	10.5	2.1	2.1

[illegible]

SPR 2089	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2089	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2089	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2090	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2090	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2090	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2091	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2091	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2091	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2092	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2092	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2092	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2093	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2093	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2093	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2094	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2094	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2094	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2095	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2095	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2095	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2096	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2096	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2096	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2097	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2097	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2097	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2098	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2098	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2098	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SPR 2099	0.0	38.9	38.9	10.5	10.5	2.1	2.1
SUM 2099	0.0	38.9	38.9	10.5	10.5	2.1	2.1
WIN 2099	0.0	38.9	38.9	10.5	10.5	2.1	2.1



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700

Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

July 15, 2021

RITCHEY TOEVS
JOANNE TOEVS
2841 W 1800 S
ABERDEEN, ID 83210-1832

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 43-13597, 43-13595, 29-11278, 29-14000, 29-2489B, 29-10054, 36-16702, 29-13941 & 29-2494 AGREEMENT 542**

Dear Renter:

Please find enclosed a receipt in the amount of **\$7,404.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 370 acre-feet of water for irrigation of 79.0 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 \$6,663.60 of the rental fee will be paid to the lessor(s) and 10% or \$740.40 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. C110504
Rental Agreement (copy)

c: Sascha Marston – Fiscal
IDWR Eastern & Southern Regional Office
Greg Sullivan – Brockway Engineering



State of Idaho

DEPARTMENT OF WATER RESOURCES

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Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

May 28, 2021

RITCHEY TOEVS
JOANNE TOEVS
2841 W 1800 S
ABERDEEN, ID 83210

RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 43-13597, 43-13595, 29-11278, 29-14000, 29-2489B, 29-10054, 36-16702, 29-13941 & 29-2494 AGREEMENT 542

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 \$7,404.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 370 acre-feet.

Please send a check for \$7,404.00 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 \$6,663.60 of the rental fee will be paid to the lessor(s) and 10% or \$740.40 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

Enclosure

c: IDWR Front Desk
Greg Sullivan – Brockway Engineering



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700

Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

May 25, 2021

RITCHEY TOEVS
JOANNE TOEVS
2841 W 1800 S
ABERDEEN, ID 83210

RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 43-13597, 43-13595, 29-11278, 29-14000, 29-2489B, 29-10054, 36-16702, 29-13941 & 29-2494 AGREEMENT 542

TIME SENSITIVE RESPONSE REQUIRED

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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
Greg Sullivan – Brockway Engineering

Memorandum

To: Water Supply Bank Rental Application 2038
From: Remington Buyer
Date: May 7, 2021
Re: Request to Rent Water Right 35-14650 from the Water Supply Bank

Purpose/Narrative: A rental application was received on February 22nd, 2021, from Ritchey Toevs, through Greg Sullivan of Brockway Engineering, requesting an authorization to divert 1.71 cfs and 371.2 af of Eastern Snake Plain Aquifer (ESPA) ground water, for the irrigation of 95.9 acres, through a rental of water rights in the amounts listed in the table immediately to the right:

Requested Rental Water Rights								Available Rental Water Rights							
Contract	WR	Priority	Rate	Vol	Acres	Rate/AC	Vol/AC	Contract	WR	Priority	Rate	Vol	Acres	Rate/AC	Vol/AC
1293	43-13595	5/4/1978	0.250	59.6	14.9	0.017	4.0	1293	43-13595	5/4/1978	0.250	59.6	14.9	0.017	4.0
	43-13597	5/23/1962	0.040	28.4	7.1	0.006	4.0		43-13597	5/23/1962	0.040	28.4	7.1	0.006	4.0
	combined limited		0.250	88.0	22	0.011	4.0				0.250	88.0	22	0.011	4.0
1259	36-16702	3/13/1981	0.370	74.4	18.6	0.020	4.0	1259	36-16702	3/13/1981	0.370	74.4	18.6	0.020	4.0
675	29-11278	12/31/1937	0.110	7.2				675	29-11278	12/31/1937	0.110	7.2			
	29-14000	12/31/1976	0.110	16.7					29-14000	12/31/1976	0.110	16.7			
	combined limited		0.070	15.2							0.070	15.2			
1354	29-13941	10/3/1977	0.180	41.8	10.5	0.017	4.0	1354	29-13941	10/3/1977	0.180	41.8	10.5	0.017	4.0
1349	29-10054	7/28/1968	0.090	17.8	5.1	0.018	3.5	1349	29-10054	7/28/1968	0.104	17.9	5.1	0.020	3.5
	29-2489B	4/13/1964	0.590	118.4	33.9	0.017	3.5		29-2489B	4/13/1964	0.593	118.7	33.9	0.017	3.5
	combined limited		0.590	136.2	39	0.015	3.5				0.593	136.6	39	0.015	3.5
1221	29-2494	7/18/1966	0.040	8.4	2.1	0.019	4.0	1221	29-2494	7/18/1966	0.040	14.2	4.0	0.010	3.6
Total			1.5	364.0	92.2	0.016	3.9	Total			1.503	370.2	94.1	0.016	3.9

Table 1 – Requested & Rentable Water Rights

Note: it appears the applicant failed to acknowledge that the water rights on contract 675 are not additive, but combined limited to a lesser diversion volume than what was leased under the water rights. As such, this rental was always bound to be for fewer than the requested diversion volume of 371.2 af.

The rental place of use is land associated with water rights 35-13991 and 35-14040. These two water rights authorize the irrigation of 24.1 acres of land in Bingham County. The applicant desires to increase the amount of acreage irrigable under a center-pivot irrigation system associated with water rights 35-13991 and 14040.

The ESPA ground water modeling submitted by the applicant's representative failed to provide the requested diversion volumes (the model didn't pass without mitigation). IDWR modeling of the requested water rights found that a total of 79.5 acres could be irrigated through a rental of the water rights. As of April 22, 2021, no additional ESPA ground water rights are available to be rented as the basis of additional water usage for the renter.

On April 22, the applicant and their representative were notified that IDWR would approve a reduced rental of 79.5 acres, (for a total irrigable area of 101.6 acres) and the applicant was provided with seven days by which they might submit alternative ESPA modeling that might allow for an increased rental of the above water rights.

Authority to File: The application has been signed by Ritchey Toevs. The land associated with the point of diversion and place of use for irrigation under the rental is owned by the applicant. No concerns about authority to file.

Water Right Validity/Forfeiture Evaluation: The water right requested to be rented are valid and leased to the Bank.

Injury Evaluation: ESPA modeling indicates a rental of 318 af, for the irrigation of 79.5 acres is possible, without causing injury (or requiring mitigation), through a rental of 370.2 af from the requested water rights. No concerns about injury.

Enlargement of Use: The leased extent of water rights 29-77278 and 14000 pertain to fully consumptive industrial uses of water. No enlargement should occur if the fully consumptive diversion volume of these water rights is rented for irrigation purposes.

Water rights 35-13991 and 35-14040 authorize the irrigation of 24.1 acres, with a 4.0 afa/ac duty of water, and a diversion rate of 0.01 cfs/ac. As mentioned above, 318 af can be diverted under the above listed water rights without causing injury to the ESPA, allowing for the irrigation of an additional 79.5 acres, with a 4.0 afa/ac and 0.019 cfs/ac duty of water (through a diversion rate of 1.59 cfs). By combining the rental amounts with water rights 35-13991 and 14040, an overall diversion of 1.85 cfs and 414.4 af for the irrigation of 103.6 acres is possible, as outlined in Table 2 to the right. No enlargement is evident in such a rental.

WR	Rate	Vol	Acres	Rate/AC	Vol/AC
35-13991	0.18	62.4	15.6	0.012	4.0
35-14040	0.08	34	8.5	0.009	4.0
combined	0.26	96.4	24.1	0.011	4.0
Rental	1.50	318	79.5	0.019	4.0
combo	1.76	414.4	103.6	0.017	4.0

Table 2 – Overall Irrigation Authorization

Local Public Interest: The rental seems consistent with local public interests.

Beneficial Use/Conservation of Water Resources: Nothing in the rental appears inconsistent with beneficial use or water conservation practices.

Department/Watermaster Comments: Comments were requested from IDWR Eastern Region and Water District 120 Watermaster on April 22, 2021.

Water Supply Bank Evaluation: Staff recommend approval of the rental.

Buyer, Remington

From: Buyer, Remington
Sent: Thursday, April 22, 2021 2:21 PM
To: 'Greg Sullivan'
Cc: 'wrtoevs@gmail.com'; Bank
Subject: WSB Rental Application 1993
Attachments: Rental Map - Ritchey Toevs.pdf; Etransfer_V3_3 - Model Runs.zip

Greg,

I've completed a review of rental application 1993, submitted on behalf of Ritchey and Joanne Toevs. This rental requested an authorization to irrigate 95.9 acres, to supplement water rights 35-13991 and 35-14040.

The ESPA ground water modeling submitted with the rental application was insufficient to authorize the irrigation of 95.9 acres. Mitigation was required based on the amounts modeled.

My modeling of the requested water rights finds that a sum total of 79.5 acres can be irrigated through a rental of the requested water rights in 2021.

For your consideration, the ESPA modeling of the water rights is attached, along with a map which depicts the location of the 79.5 acres that will supplement water rights 35-13991 and 35-14040. We will move forward with finalization of the rental for 79.5 acres. If you can model the requested water rights in a manner that allows for an increased diversion volume (or irrigable acreage) in 2021, I will be happy to adjust the final amounts allocated to the rental agreement for this application. I would kindly ask that you provide me with alternative modeling for these water rights within the next seven days, so we can timely finalize our review of this rental application.

Regards,

Remington

RECEIVED

FEB 22 2021

DEPARTMENT OF
WATER RESOURCES



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

February 17, 2021

Remington Buyer
Idaho Water Supply Bank
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Re: William and Joanne Toevs

Dear Mr. Buyer:

William and Joanne Toevs desire to rent 95.9 acres to an existing point of diversion and pivot located in Section 16 of Township 04S Range 31E. The rental of the 95.9 acres will be for the 2021 irrigation season only. Permanent water is expected to be available in 2022.

The attached rental application identifies several water rights in basins 43, 35 and 29 to satisfy the 95.9 acre rental. An ESPA model analysis was performed on the proposed transfer and no mitigation is required for this rental.

There is a pending transfer that has been submitted to the Eastern IDWR office proposing to move 24.1 acres from water rights 35-14040 and 35-13991 to this same pivot and POD.

Please copy our office on all correspondence regarding these applications.

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Ritchie Toevs

Enc: Rental Application, Aerial Map, Exhibit A, ESPA Model Analysis

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
PH.D., P.E.

2016 NORTH
WASHINGTON
STREET • SUITE 4

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FAX: 736•8506

1995