

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAY 14 2021

DEPARTMENT OF
WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 525

This is to certify that:

ODELL MADSEN JR
1720 W GARDNER RD
POCATELLO, ID 83204

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)
35-7903B	8/7/1980	GROUND WATER	0.03	10.8	2.7	0.011	4.00
35-14308	5/1/1973	GROUND WATER	0.04	10.4	2.6	0.016	4.00
Combined Rental Totals			0.07	21.2	5.3	0.014	4.00

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: \$424.00

The full fee for the rental of the above-described right(s) is \$424.00 for 2021. The rental fee includes an administrative fee of \$42.40 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	0.07	14.4	3.6	0.02	4.0
Combined Total	0.07	14.4	3.6	0.02	4.0

** The authorized water usage reflects a reduction from the water right elements rented, to account for a requested diversion rate of 0.02 cfs/ac*

Detailed water right conditions are attached.

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DEPARTMENT OF
WATER RESOURCES

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

Odell J. Madsen Jr.
Signature of Renter

5/08/21
Date

Odell J. Madsen Jr.
Printed Name

Title

*Title required if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By Brian Patton
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Date 5/18/21

Rental approved by IDWR FR

Date 5/18/21

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 525

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NENE Sec. 18, Twp 06S, Rge 33E, POWER County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.07 CFS

VOLUME
14.4 AF

SEASON OF USE

Water Right No.	From	To
35-7903B	4/1	10/31
35-14308	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	
06S	33E	18	3.6																3.6

Total Acres: 3.6

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 approval does not authorize the construction of a well.
10. The 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 place of use.
11. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.

STATE OF IDAHO
WATER RESOURCE BOARD

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MAR 15 2021

DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKApplicant Name: ODELL MADSEN JR

Is this application being submitted with a lease application as a lease/rental package?

Yes ☐ No ☒

If yes, specify companion water rights in Section 4

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

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

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

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

MINIMUM REQUIREMENT CHECKLIST

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

Yes

- ☒ Completed *Application to Rent Water from the Board's Water Supply Bank*
- ☒ Confirmation that this form has been printed single sided, per requirement of the Water Supply Bank

Attachment N/A Yes

- | | | |
|----|-------------------------------------|--|
| 2 | ☒ | A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request |
| 3A | ☐ | ☒ Detailed information on a proposed use of rental water |
| 3F | ☒ | ☐ Authorization from the owner/operator of the rental point(s) of diversion |
| 3H | ☐ | ☒ Water modeling to account for the impacts of the rental request |
| 3J | ☒ | ☐ Documents justifying a rate of flow greater than 0.02 cfs/acre |
| 3K | ☒ | ☐ Authorization from the owner/operator of the property at the proposed rental place(s) of use |
| 4B | ☐ | ☒ Explanation of how the rental water will sufficiently accomplish your rental purposes |
| 4C | ☒ | ☐ Explanation of consumptive use amounts for water rights experiencing a change in nature of use |

Department Use Only – Proposed Water Right(s)

35-7903 B

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant ODELL MADSEN JR

Mailing Address	<u>1720 W GARDNER</u>	<u>POCATELLO</u>	<u>ID</u>	<u>83204</u>
	Street	City	State	Zip Code
Email Address	<u>N/A</u>		Phone Number	<u>(208) 221-0278</u>

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 _____	Professional Title _____
Organization _____	Relationship to Applicant _____
Mailing Address _____	
Email Address _____	Phone Number _____

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**:

WATER IS NEEDED TO COVER 3.6 ACRES AT 06S 33E SEC 18 NENE, WHICH HAS RECENTLY RECEIVED
A CEASE AND DESIST (E2021-1675). THE WATER WILL BE USED TO IRRIGATE A FIELD. WITHOUT THIS
RENTAL THOSE ACRES WILL BE DRY.

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)
0.07 CFS	14.4 AF	0.03 CFS	10.8 AF	3.6 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?	
05/01/2021	07/01/2021	☐ 1	☐ 2	☐ 3	☒ 4	☐ 5	☒ Process application as soon as possible	☐ Return application to applicant

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

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

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):

WATER IS PUMPED FROM THE GROUNDWATER WELL (POD) THEN DELIVERED TO THE POU VIA A
WHEEL LINE.

- 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
06S33E 18 NENE	GROUNDWATER	NONE

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

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

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

- L. List all other water rights and sources of water at the rental place of use for the same purpose, including privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company or any other water delivery entity. Explain why additional water is required:

NONE, THERE IS 1/2 ACRE OF IRRIGATION CURRENTLY OCCURING UNDER THE 42-111 DOMESTIC USE
EXEMPTION ADJACENT TO THE PROPOSED RENTAL POU.

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights?

Yes ☒ No ☐

If yes, specify below the elements of the water rights you are requesting to rent. If no, continue to Question 4B.

Important Information: Diversion rates and volumes sought for rent must be proportionate to the per acre diversion rates and per acre volume limits of the water right under lease contract to the Water Supply Bank. Prior to completing this section, applicants should review all water right lease contracts and any active rental agreements to determine which elements of a water right are available to satisfy a rental request. Lease and rental documents are searchable via [IDWR's website](#).

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany this rental request. **Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.** For leased rights featuring combined limits, rentals must be consistent with combined diversion rate, volume or acre limits. Combined limits should be listed on a row below water right numbers.

Water Right Elements Leased to Water Supply Bank					Leased totals, minus water right elements involved in active rental agreements, equals water right elements available for rent	Water Supply Bank Rental Request		
Water Right Number (leave blank if sub-total of combined limits)	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)
35-7903 B	IRRIGATION	0.03	10.8	2.7		0.03	10.8	2.7
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	0.03	10.8	2.7
						CFS	AF	AC

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

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

N/A

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

Yes ☐ No ☒

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

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

- A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☒ No ☐
If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:

- 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.

A CEASE AND DESIST LETTER WAS RECEIVED ON FEB 26 2021; E2021-1675, THIS RENTAL IS TO COVER THOSE ACRES.

- 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

ODELL MADSEN JR
Printed Name of Applicant

3-10-21
Date

Signature of Representative

Printed Name of Representative

Date

Mail to:

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

STATE OF IDAHO
WATER RESOURCE BOARD

Water Modeling Requirement Information Sheet

Information on water modeling requirements for rental requests within special administrative areas

Important information on requesting rental water within special administrative areas: Refer to the information below to determine whether the modeling of potential impacts from your rental request is necessary. Use Section 4 of the rental application to identify selected water rights. **If you submit an application to rent water from within a special administrative area and water modeling is required, your rental request will be returned if water modeling is not provided.**

Water modeling may be required when an application to rent water involves one of two scenarios:

Scenario 1: The rental request proposes to divert water from a regulated water source and/or within a special administrative area AND the distance between the rental point(s) of diversion (POD) and the POD(s) for the leased water right(s) is greater than the administratively established, acceptable distance.

Regulated water sources may areas include:

- A. Ground water resources within the modeled area of the Eastern Snake Plain Aquifer (ESPA) and tributary aquifers;
- B. Ground water within Ground Water Management Areas (GWMAs) or Critical Ground Water Areas (CGWAs);
- C. Water resources within other specified administrative areas, as established by the Idaho Water Resource Board (IWRB) or the Idaho Department of Water Resources.

The distance between any rental POD(s) and the POD(s) for a leased water right to be rented is important. On the ESPA, distance is measured in terms of model cells that cover an area of one square mile. Ground water modeling is not required if lease POD(s) and rental POD(s) are located within the same model cell or within adjacent model cells. If the lease and rental PODs are separated by more than one model cell groundwater modeling must be completed using the IDWR ESPA Transfer Tool and modeling results must be submitted with the rental application. ESPA modeling tools can be accessed and freely downloaded from IDWR's website by visiting: www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm.

Ground water modeling may be required within GWMAs, CGWAs or other regulated administrative areas. Applicants who desire to rent water within an established GWMA, CGWA or other regulated administrative area should consult IDWR's website before submitting their application to review the current status of administrative orders related to regulated administrative areas. Consult www.idwr.idaho.gov/WaterInformation/GroundWaterManagement/designated_areas.htm for information on GWMAs or CGWAs, visit <https://idwr.maps.arcgis.com/home/> to use mapping tools to find other regulated areas.

Applicants interested in renting water within a GWMA, CGWA or other regulated administrative areas should request water rights that have been leased into the Bank from within the same administrative area. Generally, the Bank will not permit a rental of water within a regulated administrative area if the leased water rights are not located within that same administrative area.

Scenario 2: A rental request proposes to divert water from a different but hydraulically connected water source.

Modeling situations may include:

- A. Rental requests that propose to divert surface water rights via ground water POD(s) (wells); and
- B. Rental requests that propose to divert ground water from one aquifer when the right being rented authorizes the diversion of ground water from a hydraulically connected, tributary aquifer.

Rental requests that propose to divert surface water rights from ground water points of diversion may be considered if ground water modeling establishes that the surface and ground water resources are directly and immediately hydraulically connected. An acceptable hydraulic connection occurs when at least 50 percent of the total depletions from a well are detectable from the original water source within a 24 hour period. The existing (leased) POD and proposed (rental) POD must be proximate such that diversion and use of water from the proposed POD would have substantially the same effect on the hydraulically-connected source as diversion and use of water from the original POD.

Requests to rent ground water across tributary aquifer sources may be considered if ground water modeling is provided to demonstrate that two aquifers are hydraulically connected and the anticipated impacts of diverting ground water from one source through the other is modeled accordingly.

For more information about rental application requirements, contact IDWR at (208) 287-4800.

Attachment 2: Overview map listing proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used



Legend



WSB Rental Proposed POU



Water Right POD



Parcels



WSB Rental Proposed POD



QQ

KNOWN, FROM LEASE CONTRACT				
WR No.	PRIORITY DATE	DIVERSION RATE	DIVERSION VOLUME	ACRES
35-7903B	8/7/1980	0.03 CFS	10.80 AF	2.70 ACRES
COMBINED LIMITS		0.03 CFS	10.80 AF	2.70 ACRES

CALCULATED BY MODELER				
WR No.	PRIORITY DATE	ACRES	ALLOWED VOLUME/acre	DIVERSION VOLUME (AFY*)
35-7903B	8/7/1980	2.70 ACRES	4.00 AF/AC	10.80 AFY
COMBINED LIMITS		2.70 ACRES	4.00 AF/AC	10.80 AFY

RENTAL ACRES CALCULATED BY MODELER				
WR No.	RENTAL ACRES	CONSUMPTIVE USE VOLUME		CONSUMPTIVE USE PER TRIMESTER
35-7903B	2.70 ACRES	3 AF/AC	8.10 AFY	2.70 AF
COMBINED LIMITS	2.70 ACRES	3 AF/AC	8.10 AFY	2.70 AF

One-Way Analysis of Independent Transfers

New Water Right (GModelo):

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							
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6 91.9	SP082075
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6 91.9	SP068066
Transfer 1: Worst Case Transient State Impacts following Transfer							
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6 91.9	SP082075
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6 91.9	SP068066

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
0.06	0.18	0.56	1.78	0.01	0.03	0.04	0.02	0.01	0.01	0.00
0.06	0.18	0.56	1.78	0.01	0.03	0.04	0.02	0.01	0.01	0.00
0.06	0.18	0.56	1.78	0.01	0.03	0.04	0.02	0.01	0.01	0.00
0.06	0.18	0.57	1.87	0.02	0.05	0.05	0.02	0.02	0.01	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	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	2.2%	6.7%	20.7%	66.3%	0.4%	1.2%	1.3%	0.6%	0.3%	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%	1.8%	4.7%	93.2%	52.0%	55.0%	53.8%	53.3%	50.4%	47.5%
Mitigation Check 2: > 2.01 AF/T:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Read Me

ENHANCED GROUND-WATER RIGHTS TRANSFER SPREADSHEET

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF WATER RESOURCES

Cells this color are set up for user entries

ENTER STARTING DATE FOR

SIMULATION. THEN PUSH "UPDATE DATES" BUTTON

YEAR 1980 TRANSFER NAME:

SEASON SUMMER MADSEN

ENTER CELL LOCATIONS:

	TO' CELL	FROM1' CELL	FROM2' CELL	FROM3' CELL
ROW	93	81	0	0
COLUMN	114	127	0	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SUM 1980	0	3	3	0	0	0	0
WIN 1980	0	3	3	0	0	0	0
SPR 1981	0	3	3	0	0	0	0
SUM 1981	0	3	3	0	0	0	0
WIN 1981	0	3	3	0	0	0	0
SPR 1982	0	3	3	0	0	0	0
SUM 1982	0	3	3	0	0	0	0
WIN 1982	0	3	3	0	0	0	0
SPR 1983	0	3	3	0	0	0	0
SUM 1983	0	3	3	0	0	0	0
WIN 1983	0	3	3	0	0	0	0
SPR 1984	0	3	3	0	0	0	0
SUM 1984	0	3	3	0	0	0	0
WIN 1984	0	3	3	0	0	0	0
SPR 1985	0	3	3	0	0	0	0
SUM 1985	0	3	3	0	0	0	0
WIN 1985	0	3	3	0	0	0	0
SPR 1986	0	3	3	0	0	0	0
SUM 1986	0	3	3	0	0	0	0
WIN 1986	0	3	3	0	0	0	0
SPR 1987	0	3	3	0	0	0	0
SUM 1987	0	3	3	0	0	0	0
WIN 1987	0	3	3	0	0	0	0
SPR 1988	0	3	3	0	0	0	0
SUM 1988	0	3	3	0	0	0	0
WIN 1988	0	3	3	0	0	0	0
SPR 1989	0	3	3	0	0	0	0
SUM 1989	0	3	3	0	0	0	0
WIN 1989	0	3	3	0	0	0	0
SPR 1990	0	3	3	0	0	0	0
SUM 1990	0	3	3	0	0	0	0
WIN 1990	0	3	3	0	0	0	0
SPR 1991	0	3	3	0	0	0	0
SUM 1991	0	3	3	0	0	0	0
WIN 1991	0	3	3	0	0	0	0
SPR 1992	0	3	3	0	0	0	0
SUM 1992	0	3	3	0	0	0	0
WIN 1992	0	3	3	0	0	0	0
SPR 1993	0	3	3	0	0	0	0
SUM 1993	0	3	3	0	0	0	0
WIN 1993	0	3	3	0	0	0	0
SPR 1994	0	3	3	0	0	0	0
SUM 1994	0	3	3	0	0	0	0
WIN 1994	0	3	3	0	0	0	0
SPR 1995	0	3	3	0	0	0	0
SUM 1995	0	3	3	0	0	0	0
WIN 1995	0	3	3	0	0	0	0
SPR 1996	0	3	3	0	0	0	0
SUM 1996	0	3	3	0	0	0	0
WIN 1996	0	3	3	0	0	0	0
SPR 1997	0	3	3	0	0	0	0
SUM 1997	0	3	3	0	0	0	0
WIN 1997	0	3	3	0	0	0	0
SPR 1998	0	3	3	0	0	0	0
SUM 1998	0	3	3	0	0	0	0
WIN 1998	0	3	3	0	0	0	0
SPR 1999	0	3	3	0	0	0	0
SUM 1999	0	3	3	0	0	0	0
WIN 1999	0	3	3	0	0	0	0
SPR 2000	0	3	3	0	0	0	0
SUM 2000	0	3	3	0	0	0	0
WIN 2000	0	3	3	0	0	0	0
SPR 2001	0	3	3	0	0	0	0
SUM 2001	0	3	3	0	0	0	0
WIN 2001	0	3	3	0	0	0	0

Entering Dates

Enter the starting year and season for your simulation. The starting date represents the beginning of the analysis period. (Spring is Mar, Apr, May and Jun.

Summer is Jul, Aug, Sep and Oct. Winter is Nov, Dec, Jan and Feb.)

Once you have entered the starting date, push the "UPDATE DATE" Button.

The date only needs to be updated once, unless the desired timeframe of the simulation is changed.

Modifying the date does not automatically adjust the location of the rates entered in the table.

Entering Well Locations

Enter the row and column location for the 'TO' well in spreadsheet cell B15 and B16, respectively.

Enter the row and column location for the 'FROM1' well in spreadsheet cell C15 and C16, respectively.

Enter the row and column location for the 'FROM2' well in spreadsheet cell D15 and D16, respectively.

Enter the row and column location for the 'FROM3' well in spreadsheet cell E15 and E16, respectively.

If the 'FROM2' well is not to be modeled, the entered row and column should be 0 or blank.

If the 'FROM3' well is not to be modeled, the entered row and column should be 0 (zero).

The 'FROM3' well cannot be used if the 'FROM2' well is not being used.

Running the Model

Once the model cells have been specified for the 'FROM' and 'TO' wells, push the 'RUN MODEL' button to generate the response functions. The model only needs to be re-run if the locations of the 'FROM' and 'TO' wells are changed.

Getting the Model Output

Once the model has been run, push the 'GET OUTPUT' button to retrieve the model output. This prepares the model output for use for calculating effects.

Entering water use data

All water use should be entered in units of acre-feet per four month period. See the user's manual for instructions on multiple water rights with different priority dates and/or different wells.

Entering 'TO' Well Projected Water Use

Enter the projected water use for the 'TO' Well in Column B. 'TO' Well water use should start in the trimester (4-month period) in which the transfer will be effective.

Entering 'FROM' Well 'With Transfer' Use

Enter the 'With Transfer' water use for the first 'FROM' Well in Column C, for the second 'FROM' well in Column E, and for the third 'FROM' Well in Column G.

'With Transfer' water use should reflect historical and projected after transfer use for this well and should cease or be reduced at the time of the water right transfer.

Entering 'FROM' Well 'Without Transfer' Use

The 'Without Transfer' Use for the 'FROM' wells should include historical and projected use for each well.

The projected use should reflect expected pumpage from that well if the transfer were not to take effect.

Enter the 'Without Transfer' water use for the first 'FROM' Well in Column D, for the second 'FROM' well in Column F, and for the third 'FROM' well in Column H.

Prior to the expected date of transfer, the 'With Transfer' use should be the same as the 'Without Transfer' use.

If only one 'FROM' well is to be represented, pumpage in columns E, F, G and H should be 0.

If only two 'FROM' wells are being represented, pumpage in Columns G and H should be 0.

Projected water use in the 'TO' well and the 'FROM' wells will be used to estimate the change in effect to the river reaches caused by the water right transfer. (See user's manual.)

Calculating Effect of the Transfer on River Gains and Losses

After all of the above steps have been completed, the effects of the proposed transfer on gains and losses of the eleven hydraulically connected reaches of the Snake River can be estimated by clicking the 'CALCULATE EFFECTS' button. This will result in a multiplication of the response function matrix (determined in the model runs) times the water use rates entered in the table provided in columns B through H. After the multiplication has been performed, the spreadsheet will automatically advance to the GRAPHS worksheet. Here one graph is provided showing the effect for each of the 11 reaches, and a 12th graph illustrates the net effects on all 11 reaches. Results are also presented in tabular form in the CALCULATED EFFECTS worksheet. See the Users Manual for more information.

Version 3.3

3/10/2021 Today's Date

3/13/2018

Version 3.3 modified by J. Sukow, IDWR

Updated IBOUND worksheet in Excel spreadsheet to be consistent with ESPAM2.1 bound.tbl

11/7/2014

Version 3.2 modified by Jennifer Sukow, IDWR

Converted to run ESPAM2.1 files

1/4/2006

Version 2.2 modified by Donna Cosgrove

Fixed bugs located by J. Lindgren and S. Bendixson

Caused errors if only one FROM well in use

12/2/2005

Version 2.1 modified by Donna Cosgrove

Converted to ESPAM v1.1 files

2/8/2005

Version 2.0 modified by Donna Cosgrove

Adapted to run enhanced Snake Plain Aquifer I

Calculates transfer effects for 11 reaches

Version 1.3 modified by Donna Cosgrove

Added User ability to input transfer number and name.

Displayed transfer number and name on each graph.

Added lines of code to force column width=10 in .well file.

SPR 2005	SLM 2005	WN 2005	SPR 2006	SLM 2006	WN 2006	SPR 2007	SLM 2007	WN 2007	SPR 2008	SLM 2008	WN 2008	SPR 2009	SLM 2009	WN 2009	SPR 2010	SLM 2010	WN 2010	SPR 2011	SLM 2011	WN 2011	SPR 2012	SLM 2012	WN 2012	SPR 2013	SLM 2013	WN 2013	SPR 2014	SLM 2014	WN 2014	SPR 2015	SLM 2015	WN 2015	SPR 2016	SLM 2016	WN 2016	SPR 2017	SLM 2017	WN 2017	SPR 2018	SLM 2018	WN 2018	SPR 2019	SLM 2019	WN 2019	SPR 2020	SLM 2020	WN 2020	SPR 2021	SLM 2021	WN 2021	SPR 2022	SLM 2022	WN 2022	SPR 2023	SLM 2023	WN 2023	SPR 2024	SLM 2024	WN 2024	SPR 2025	SLM 2025	WN 2025	SPR 2026	SLM 2026	WN 2026	SPR 2027	SLM 2027	WN 2027	SPR 2028	SLM 2028	WN 2028	SPR 2029	SLM 2029	WN 2029	SPR 2030	SLM 2030	WN 2030	SPR 2031	SLM 2031	WN 2031	SPR 2032	SLM 2032	WN 2032	SPR 2033	SLM 2033	WN 2033	SPR 2034	SLM 2034	WN 2034	SPR 2035	SLM 2035	WN 2035	SPR 2036	SLM 2036	WN 2036	SPR 2037	SLM 2037	WN 2037	SPR 2038	SLM 2038	WN 2038	SPR 2039	SLM 2039	WN 2039	SPR 2040	SLM 2040	WN 2040	SPR 2041	SLM 2041	WN 2041	SPR 2042	SLM 2042	WN 2042	SPR 2043	SLM 2043	WN 2043	SPR 2044	SLM 2044	WN 2044	SPR 2045	SLM 2045	WN 2045	SPR 2046	SLM 2046	WN 2046	SPR 2047	SLM 2047	WN 2047	SPR 2048	SLM 2048	WN 2048	SPR 2049	SLM 2049	WN 2049	SPR 2050	SLM 2050	WN 2050	SPR 2051	SLM 2051	WN 2051	SPR 2052	SLM 2052	WN 2052	SPR 2053	SLM 2053	WN 2053	SPR 2054	SLM 2054	WN 2054	SPR 2055	SLM 2055	WN 2055	SPR 2056	SLM 2056	WN 2056	SPR 2057	SLM 2057	WN 2057	SPR 2058	SLM 2058	WN 2058	SPR 2059	SLM 2059	WN 2059	SPR 2060	SLM 2060	WN 2060	SPR 2061	SLM 2061	WN 2061	SPR 2062	SLM 2062	WN 2062	SPR 2063	SLM 2063	WN 2063	SPR 2064	SLM 2064	WN 2064	SPR 2065	SLM 2065	WN 2065	SPR 2066	SLM 2066	WN 2066	SPR 2067	SLM 2067	WN 2067	SPR 2068	SLM 2068	WN 2068	SPR 2069	SLM 2069	WN 2069	SPR 2070	SLM 2070	WN 2070	SPR 2071	SLM 2071	WN 2071	SPR 2072	SLM 2072	WN 2072	SPR 2073	SLM 2073	WN 2073	SPR 2074	SLM 2074	WN 2074	SPR 2075	SLM 2075	WN 2075	SPR 2076	SLM 2076	WN 2076	SPR 2077	SLM 2077	WN 2077	SPR 2078	SLM 2078	WN 2078	SPR 2079	SLM 2079	WN 2079	SPR 2080	SLM 2080	WN 2080	SPR 2081	SLM 2081	WN 2081	SPR 2082	SLM 2082	WN 2082	SPR 2083	SLM 2083	WN 2083	SPR 2084	SLM 2084	WN 2084	SPR 2085	SLM 2085	WN 2085	SPR 2086	SLM 2086	WN 2086	SPR 2087	SLM 2087	WN 2087	SPR 2088	SLM 2088	WN 2088	SPR 2089	SLM 2089	WN 2089	SPR 2090	SLM 2090	WN 2090	SPR 2091	SLM 2091	WN 2091	SPR 2092	SLM 2092	WN 2092	SPR 2093	SLM 2093	WN 2093	SPR 2094	SLM 2094	WN 2094	SPR 2095	SLM 2095	WN 2095	SPR 2096	SLM 2096	WN 2096	SPR 2097	SLM 2097	WN 2097	SPR 2098	SLM 2098	WN 2098	SPR 2099	SLM 2099	WN 2099	SPR 2100	SLM 2100	WN 2100
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SPR 2126	SUM 2126
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SPR 2127	SUM 2127
WN 2127	WN 2127
SPR 2128	SUM 2128
WN 2128	WN 2128
SPR 2129	SUM 2129
WN 2129	WN 2129
SPR 2130	SUM 2130



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 18, 2021

ODELL MADSEN JR
1720 W GARDNER RD
POCATELLO, ID 83204

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 35-7903 & 35-14308, AGREEMENT 525**

Dear Renter:

Please find enclosed a receipt in the amount of **\$424.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 21.2 acre-feet of water for irrigation of 3.6 acres during 2021. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or \$381.60 of the rental fee will be paid to the lessor(s) and 10% or \$42.40 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. C110392
Rental Agreement (copy)

c: Sascha Marston – Fiscal
IDWR Eastern Regional Office
State Water District No. 120
Cherie Palmer - IDWR Compliance Bureau E2021-1675



State of Idaho

DEPARTMENT OF WATER RESOURCES

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BRAD LITTLE
Governor

GARY SPACKMAN
Director

April 22, 2021

ODELL MADSEN JR
1720 W GARDNER RD
POCATELLO, ID 83204

RE: **APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 35-7903B & 35-14308 AGREEMENT 525**

*****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 \$424.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 21.2 acre-feet.

Please send a check for \$424.00 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 \$381.60 of the rental fee will be paid to the lessor(s) and 10% or \$42.40 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

MEMORANDUM FOR AGREEMENT # 525

To: Water Supply Bank Rental Application 2008
From: Remington Buyer
Date: April 16, 2021
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: An application to rent water from the Water Supply Bank (Bank) was received by the Department of Water Resources (Department) on March 15, 2021 from Odell Madsen JR. The applicant received a cease and desist order (E2021-1675) earlier this year, notifying them that they were irrigating acres in excess of their domestic water right, and this rental is intended to address their excess irrigation.

The cease and desist order noted that approximately 5 acres was being irrigated by the applicant, without irrigation water rights. On the rental application the applicant stated they needed to cover 3.6 acres (and they requested a rental of 2.7 acres from water right 35-7903B). A review of satellite imagery indicates approximately 4.3 acres of Mr. Madsen's 7.9 acre property is being irrigated. Allowing for a 0.5 acre irrigation authorization under the applicant's domestic water right results in a finding that approximately 3.8 acres are being irrigated without a water right authorization, which is close to the 3.6 acre rental request submitted by the applicant. A rental request for 3.6 acres will be considered for Mr. Madsen.

Through the rental application, Mr. Madsen has specified a desired diversion rate of 0.02 cfs/ac and 4.0 afa/ac, and a minimum diversion rate of 0.008 cfs/ac and 3.0 afa/ac. The applicant requested a rental of 2.7 acres of water right 35-7903B, which was insufficient to provide for the full 3.6 acre irrigation authorization requested. As such, the rental request was supplemented with a rental of a portion of water right 35-14308.

Although the renter requested a four year rental, water right 35-14308 is only leased to the Bank through the end of 2021, so a single year rental is being approved.

AUTHORITY TO FILE: The application was submitted and signed by Odell Madsen JR, who is also listed as the property owner of the parcel where the rental will take place. No concerns about authority to file.

WATER RIGHT VALIDITY: Water rights 35-7903B and 14308 are both valid, leased to the Bank and available for rental. No concerns about water right validity.

INJURY TO OTHER WATER RIGHTS: The modeling of water rights 35-7903B and 14308 to Mr. Madsen's property was evaluated using the ESPA Model Transfer Tool, which confirmed that a rental of 2.7 acres under 35-7903B and 2.6 acres under 35-14308 would be sufficient to authorize the irrigation of 3.6 acres at the applicant's property, without inducing injury.

ENLARGEMENT OF USE: To provide the applicant with the requested duty of water, a larger amount of water rights 35-7903B and 14308 were rented, so that a higher diversion rate could be provided to the applicant, without causing enlargement.

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: Review comments were requested from IDWR's Eastern Region and Water District 120 on April 16, 2021. No concerns were received.