



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

January 6, 2017

DAVE SANDERS
2473 E 2100 N
HAMER ID 83425

RE: Expiration of Water Supply Bank Rental Agreement for water rights: 22-7336, 31-7128

Renter,

This letter is to inform you that your rental agreement(s) to rent the above listed water rights from the Water Supply Bank (Bank) expired at the end of 2016.

Once the rental agreement concludes, any diversion or use of water under the rental agreement will no longer be authorized and, if occurring, may be subject to an enforcement action.

If you wish to rent water in the future, please download a rental application from: <http://idwr.idaho.gov>. You may submit rental applications on November 1 of the year prior to the intended use of rental water. **YOU ARE ENCOURAGED TO FILE AN APPLICATION AT LEAST 3 MONTHS PRIOR TO THE DATE YOU DESIRE TO USE RENTAL WATER.**

If you have any questions about this matter, please contact me at (208) 287-4918.

Sincerely,

A handwritten signature in black ink, appearing to read 'RB', with a long horizontal line extending to the right.

Remington Buyer
Water Supply Bank Coordinator

Enclosures:

RECEIVED**APR 28 2016****DEPARTMENT OF
WATER RESOURCES**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**WATER SUPPLY BANK RENTAL AGREEMENT**

This is to certify that: **DAVE SANDERS**
2473 E 2100 N
HAMER ID 83425
208-662-5437

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	Priority Date	Source	Tributary	Rented Rate	Annual Rented Volume	Total Rented Acres
22-7336	10/22/1980	Ground Water	NA	0.40 cfs	69.5 af	19.9 ac
31-7128	7/30/1974	Ground Water	NA	0.20 cfs	63.5 af	18.1 ac
Total Annual Combined Limit				0.60 cfs	133.0 af*	38.0 ac*

Annual Combined Rental Totals**0.60 cfs 133.0 af* 38.0 ac***

***This rental is limited to the 34.8 acres and 121.8 af.**

Term of Rental: This rental is in effect from the day the Idaho Water Resource Board signs the rental agreement and shall be in effect until December 31, 2016.

Rental Fee: **\$2,261.00**

The fee for rental of the above-described water is \$2,261.00 per year. Ten percent (\$226.10) will be retained by the Department to offset administrative costs, and the remainder will be paid to the lessor(s).

No administrative fees will be refunded once the fee is collected.

Detailed water right conditions are attached.

SUPPORT DATA**IN FILE #** 22-7336

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT

RECEIVED

APR 28 2016

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:


Signature of Renter

Dave Sanders/owner 4-26-16
Printed Name and Title* Date

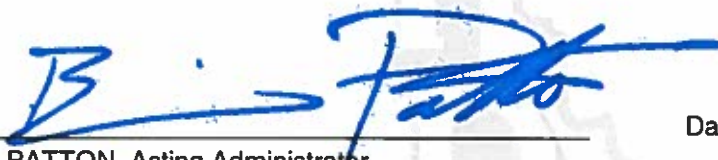
Signature of Renter

Printed Name and Title*

Date

*Please provide title of signatory 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 4/28/2016

Rental Approved by IDWR 

Date 4-28-2016

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER	SE¼NE¼	Sec. 15	Twp 07N	Rge 36E	JEFFERSON County
GROUND WATER	SW¼NW¼	Sec. 14	Twp 07N	Rge 36E	JEFFERSON County

BENEFICIAL USE

IRRIGATION

SEASON OF USE

04/01 TO 10/31

RENTER'S PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
07N	36E	15		1.7	10.0											3.7			15.4
07N	36E	14								19.4									19.4

Total Acres: 34.8

CONDITIONS APPLICABLE TO ALL RENTED WATER RIGHTS

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. This rental does not grant any right-of-way or easement to use the diversion works or conveyance works of another party.
5. Use of water under this agreement shall not prejudice any pending permanent transfer applications that the renter has filed to modify other water rights for irrigation of the subject lands nor shall it prejudice any future rental agreement that may be made of the subject water right after this rental agreement expires.
6. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
7. 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.
8. Renter acknowledges and agrees that the Director may terminate diversion of water if the Director determines there is not a sufficient water supply for the priority of the right or portion thereof being rented.
9. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
10. 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.

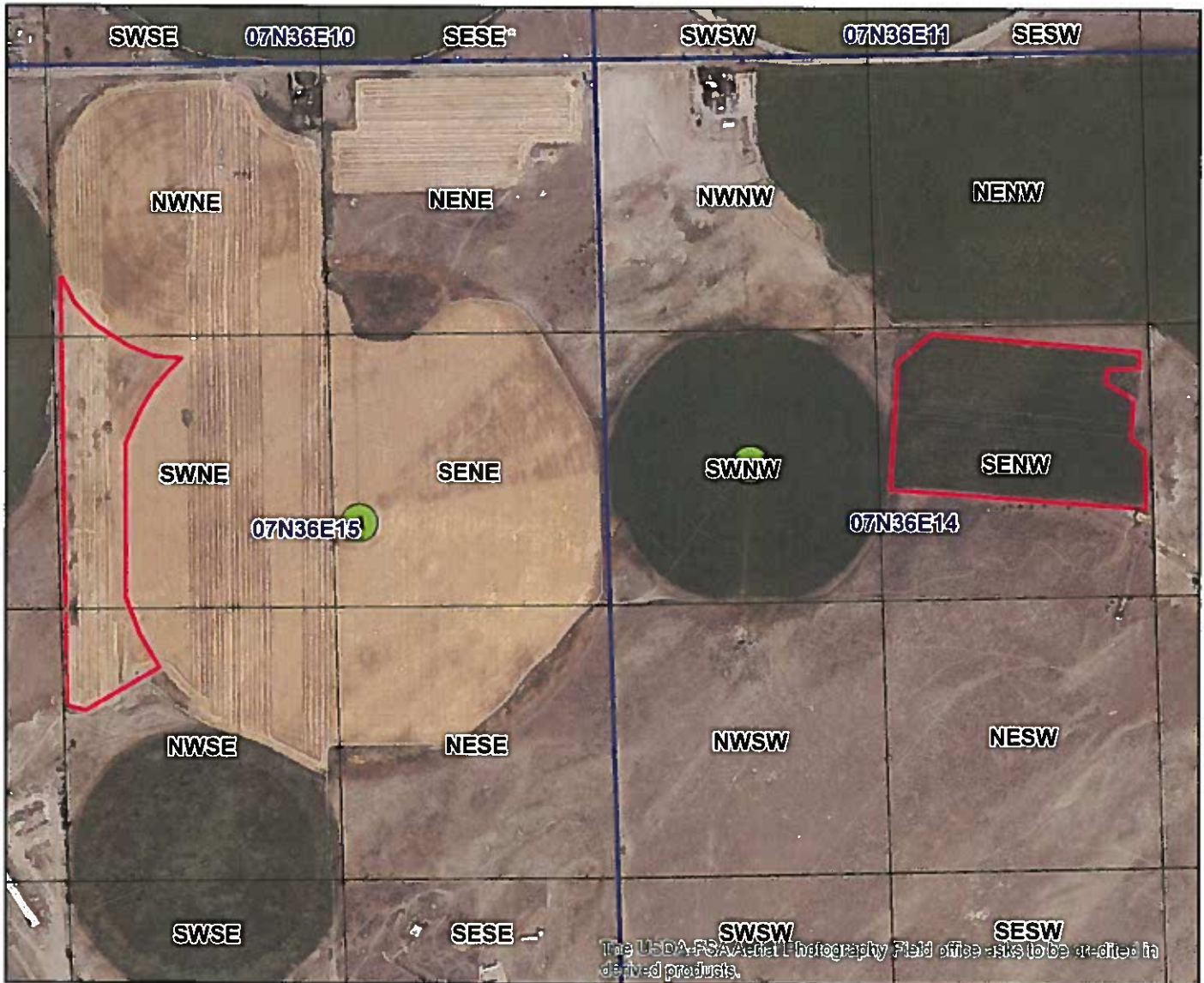
11. The renter shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
12. Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
13. The water rented under this agreement is appurtenant to irrigation of 34.8 acres.
14. This rental agreement does not authorize the construction of a well.
15. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the lands above.
16. Use of water under this agreement 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. 110.
17. The following rights are diverted through point(s) of diversion described above: 31-7318, 31-12193, 31-12195, 31-12196, 31-12197, 31-12198, and 31-12199.



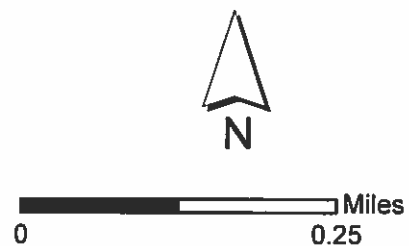
Idaho Water Resource Board
Water Supply Bank Rental Agreement

Effective until December 31, 2016

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
-  Townships
-  PLS Sections
-  Quarter Quarters



STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

FEB 29 2016

DEPARTMENT OF
WATER RESOURCES

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

Applicant Name: Dave Sanders

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)

31-7489

APR 11 2016

Application to Rent Water (Continued)

DEPARTMENT OF
WATER RESOURCES

1. CONTACT INFORMATION

A. Applicant Dave Sanders

Mailing Address 2473 E 2100 N Hamer Idaho 83425
 Street City State Zip Code
 Email Address sanders@mundale.net Phone Number 208-662-5437

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 Keith C. Wilson Professional Title Senior Water Rights Analyst
 Organization Rocky Mountain Environmental Assoc. Inc. Relationship to Applicant Consultant
 Mailing Address 482 Constitution Way, Suite 303, Idaho Falls, ID 83402
 Email Address keith.rmea@gmail.com / best.syn-oil@outlook.com Phone Number 208-524-2353
208-339-1901

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:

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)
0.60 CFS	133.0 AF	0.60 CFS	133.0 AF	34.8 AC

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

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

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
April 5, 2016	May 1, 2016	☒	☐	☐	☐	☐	☒ 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)

1. CONTACT INFORMATION

A. Applicant Dave Sanders

Mailing Address 2473 E 2100 N, Hamer, Idaho 83425

Street City State Zip Code

Email Address sanders@mudlake.net Phone Number 208-662-5437

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 Keith C. Wilson Professional Title Senior Water Rights Analyst

Organization Rocky Mountain Environmental Assoc. Ibnc Relationship to Applicant Consultant

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

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

2. MAP

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

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

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

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)
0.70 CFS	121.8 AF	0.52 CFS	121.8 AF	34.8 AC

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

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

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
April 1, 2016	April 30, 2016	☒ 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)

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of original 5V APR 11 2016
DEPARTMENT OF
WATER RESOURCES

- 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):
Two wells mainlines to laterals with sprinklers

- 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
Pump	Ground water	

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

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

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

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

APR 11 2016

Application to Rent Water (Continued)

DEPARTMENT OF
WATER RESOURCES

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)
31-7128	Commercial	0.20	64.1			0.20	63.5	14.9
22-7336	Irrigation	0.40	69.5	19.9		0.40	69.5	19.9
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	0.60	133.0	34.8
						CFS	AF	AC

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

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

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:

22-7336 Provides 0.40 cfs, 69.5 afa & 19.9 ac. 31-7128 can provide 0.20 cfs, 63.5 afa and an additional 14.9 ac for a total of 34.8 ac, 0.60 cfs & 133.0 afa

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)
31-7489	Commercial	1.00	676			0.70	121.8	34.8
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	0.70	121.8	34.8
						CFS	AF	AC

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

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

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:

Water from 31-7489 used at a potato processing plant wastewater is applied for irrigation for water quality

requirements. Plant operates 24 hrs/day, 12 months/year, off 2 days/month for maintenance = 341 days/year

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:
Water rights 31-7316, 31-10964A & 31-7267A have been used. Applicant is seeking water rights to purchase that the ESPA Analysis Spreadsheet would allow the transfer to his place of use.

- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☐ No ☒
If yes, describe:

- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☒
If yes, describe the date and location of the NOV.

- D. Additional Information

DECLARATION

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



Signature of Applicant

Dave Sanders

Printed Name of Applicant

2-19-16

Date

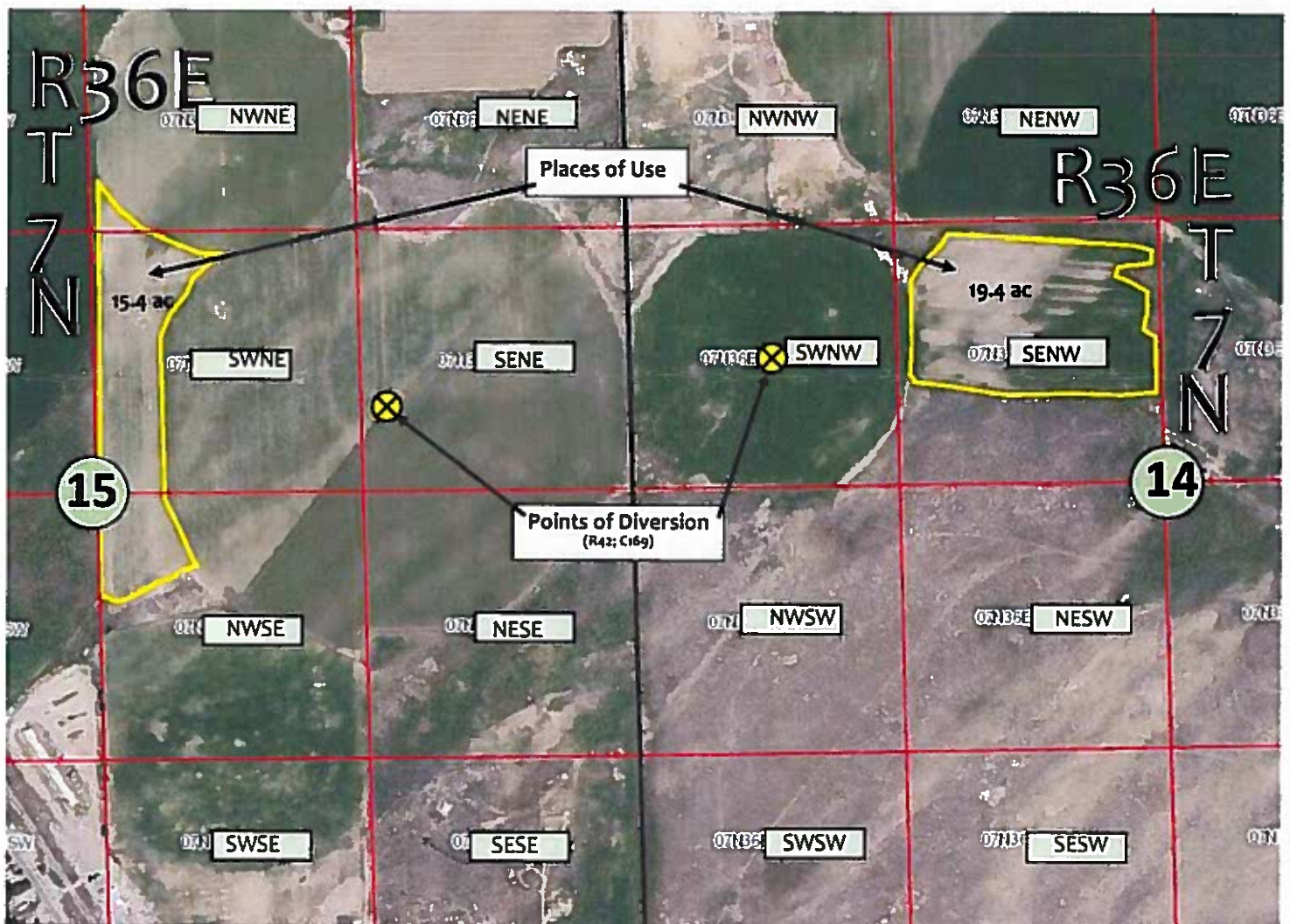
Signature of Representative

Printed Name of Representative

Date

Mail to:

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



PREPARED BY:

TRANSFER NO:	Water Bank 2016
TRANSFER NAME:	Sanders

WATER RIGHTS INVOLVED:

Group 1				Group 2			
Transfer Rights				Additional Mitigation Rights			
Right No.	Priority Date	Right No.	Priority Date	Right No.	Priority Date	Right No.	Priority Date
31-7128	7/31/1974						
22-7336	10/22/1980						

MODEL CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL
ROW	42	33	61
COLUMN	169	173	184

Keith C Wilson c/o Rocky Mountain Environmental Associates, Inc.

DATE:	4/11/2016
Transfer Tool Version	Version 3.2

HISTORIC BENEFICIAL USE:

Trans/Mit. Rights (group no.)	Acres to Dry Up (ac)	Beneficial Use (af/yr)	Total (af/yr)
31-7128		63.5	63.5
22-7336	19.9	3.5	69.5

22-7336 69.5 af/287 af =	= 0.242 x 1.64 cfs =	0.40 cfs
31-7128 0.20 cfs, 63.5 afa is sufficient for 14.9 ac needed	= 0.242 X 82 ac =	19.9 ac
	34.8 ac - 19.9 ac =	14.9 ac Needed

TO Well (Projected Use)	Start Date		End Date		Water Use		Acres Authorized (acres)
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)	
FROM1 Well (With Transfer)	Summer	1974	Winter	2015	63.5	21.2	0.0
	Spring	2016	Winter	2016	0	0.0	
	Spring	2017	Spring	2124	63.5	21.2	
FROM1 Well (Without Transfer)	Summer	1974	Spring	2124	63.5	21.2	0.0
FROM2 Well (With Transfer)	Summer	1980	Winter	2015	69.5	23.2	19.9
	Spring	2016	Winter	2016	0	0.0	0.0
	Spring	2017	Spring	2124	69.5	23.2	19.9
FROM2 Well (Without Transfer)	Summer	1980	Spring	2124	69.5	23.2	19.9

RECEIVED

APR 11 2016

DEPARTMENT OF WATER RESOURCES

**ENHANCED GROUND-WATER RIGHTS TRANSFER SPREADSHEET
UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE**

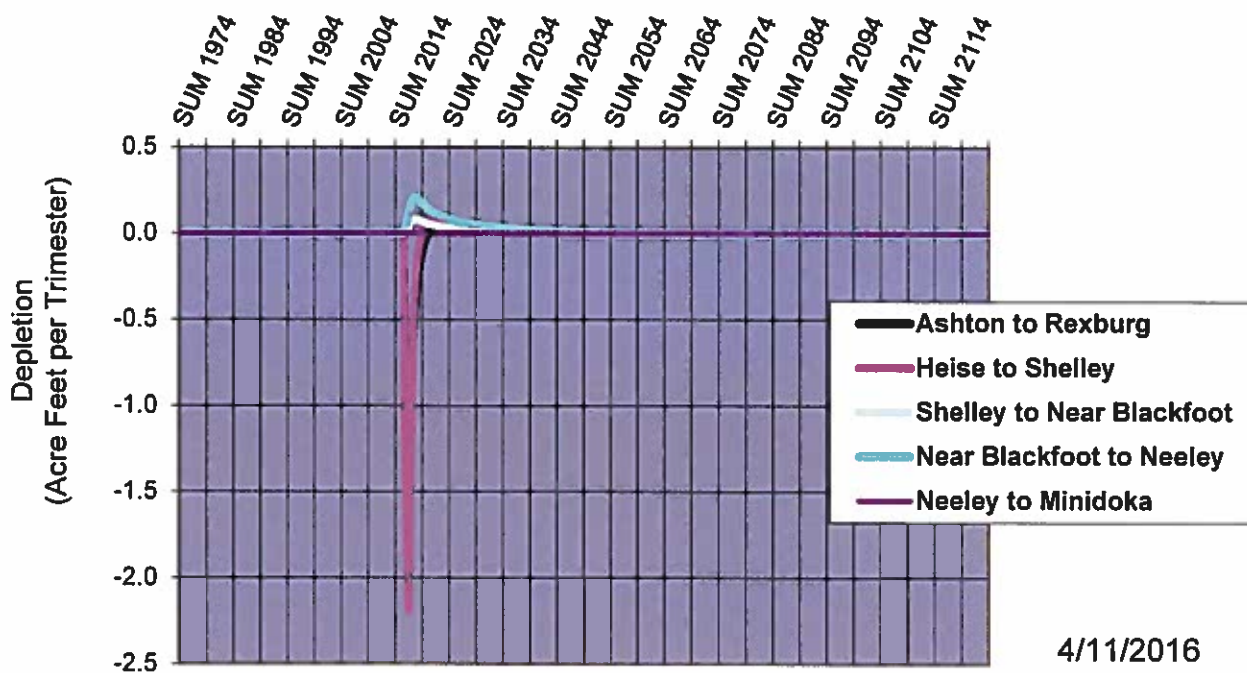
TRANSFER NO: H2O-Bank 2016

YEAR	1974	NAME:	Sanders
SEASON	Summer		

ENTER CELL LOCATIONS:			
	'TO' CELL	'FROM1' CELL	'FROM2' CELL
ROW	42	33	61
COLUMN	169	173	184

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL	
	Projected Use	W/Trans	W/O Trans	W/Trans	W/O Trans
	AF/TRI	AF/TRI	AF/TRI	AF/TRI	AF/TRI
SUM 1974	0	21.17	21.17	0	0
WIN 1974	0	21.17	21.17	0	0
SPR 1975	0	21.17	21.17	0	0
SUM 1975	0	21.17	21.17	0	0
SPR 1980	0	21.17	21.17	0	0
SUM 1980	0	21.17	21.17	23.16	23.16
WIN 1980	0	21.17	21.17	23.16	23.16
SPR 1981	0	21.17	21.17	23.16	23.16
SPR 2015	0	21.17	21.17	23.16	23.16
SUM 2015	0	21.17	21.17	23.16	23.16
WIN 2015	0	21.17	21.17	23.16	23.16
SPR 2016	44.3	0	21.17	0	23.16
SUM 2016	44.3	0	21.17	0	23.16
WIN 2016	44.3	0	21.17	0	23.16
SPR 2017	0	21.17	21.17	23.16	23.16
SUM 2017	0	21.17	21.17	23.16	23.16
WIN 2017	0	21.17	21.17	23.16	23.16
SPR 2120	0	21.17	21.17	23.16	23.16
SUM 2120	0	21.17	21.17	23.16	23.16
WIN 2120	0	21.17	21.17	23.16	23.16
SPR 2121	0	21.17	21.17	23.16	23.16
SUM 2121	0	21.17	21.17	23.16	23.16
WIN 2121	0	21.17	21.17	23.16	23.16
SPR 2122	0	21.17	21.17	23.16	23.16
SUM 2122	0	21.17	21.17	23.16	23.16
WIN 2122	0	21.17	21.17	23.16	23.16
SPR 2123	0	21.17	21.17	23.16	23.16
SUM 2123	0	21.17	21.17	23.16	23.16
WIN 2123	0	21.17	21.17	23.16	23.16
SPR 2124	0	21.17	21.17	23.16	23.16

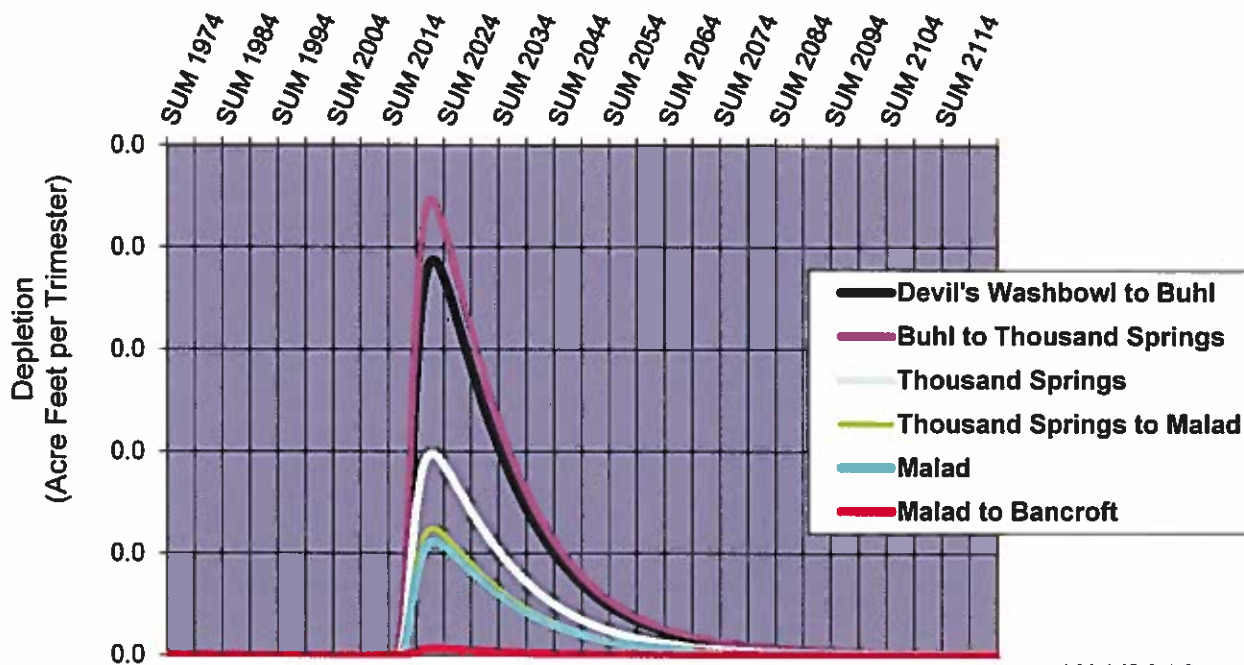
Net Transfer Effect Above Milner (Total Effect With Transfer - Total Effect Without Transfer)



Customer Name: Sanders

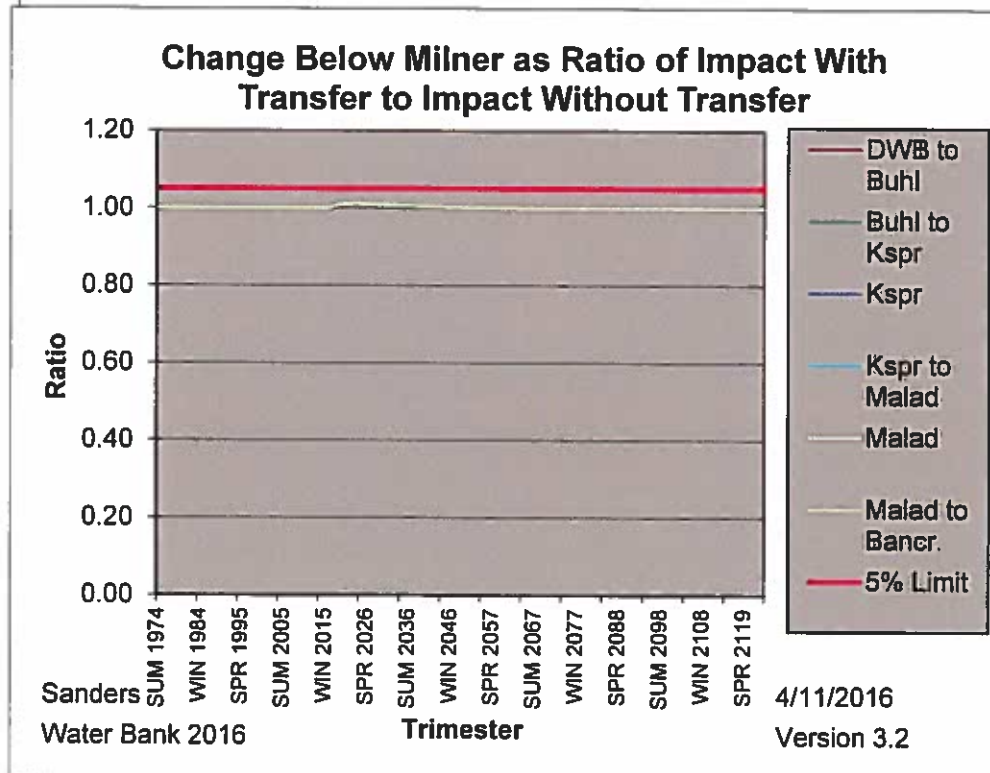
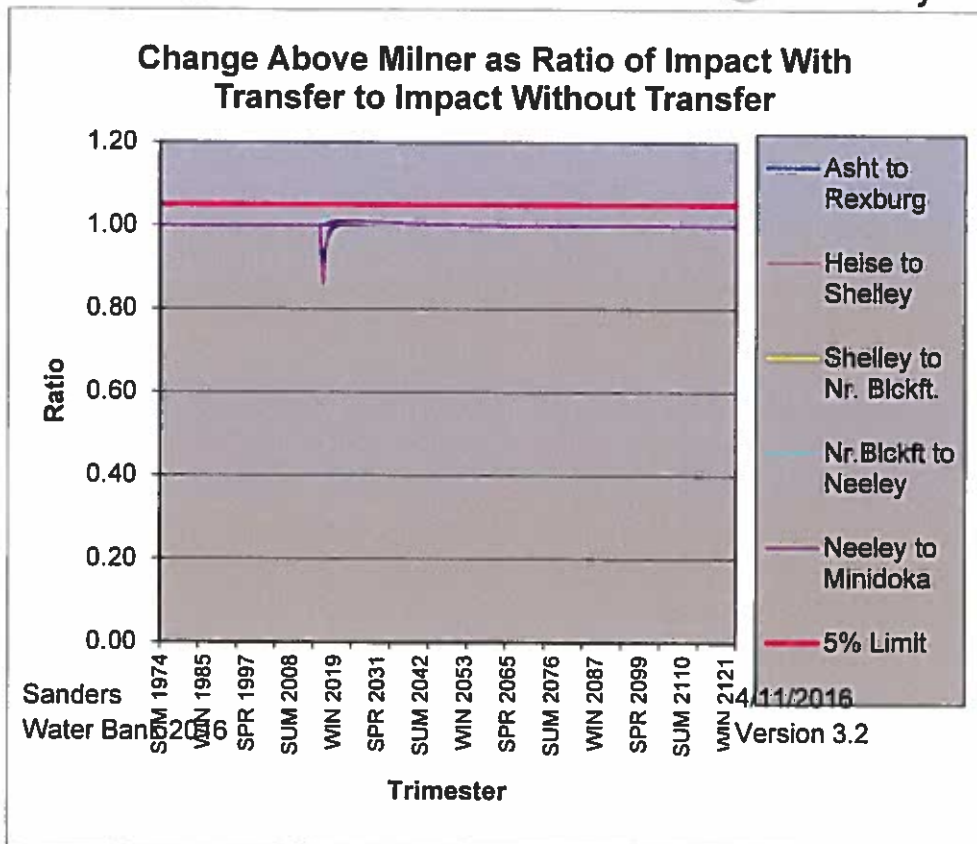
Transfer No: Water

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



Customer Name: Sanders

Transfer No: Water



period	Asht to Rexburg	Heise to Shelley	Shelley to Nr. Blckft.	Nr. Blckft to Neeley	Neeley to Minidoka	DWB to Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancr.
SPR 2015	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2015	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2015	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2016	0.95	0.93	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2016	0.92	0.89	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2016	0.90	0.86	1.02	1.02	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2017	0.94	0.91	1.02	1.02	1.00	1.00	1.00	1.00	1.00	1.00	100.1%
SUM 2017	0.96	0.95	1.03	1.03	1.00	1.00	1.00	1.00	1.00	1.00	100.2%
WIN 2017	0.97	0.97	1.03	1.03	1.00	1.00	1.00	1.00	1.00	1.00	100.3%
SPR 2018	0.98	0.98	1.03	1.03	1.01	1.01	1.01	1.01	1.01	1.00	100.4%
SUM 2018	0.98	0.99	1.03	1.03	1.01	1.01	1.01	1.01	1.01	1.01	100.5%
WIN 2018	0.99	1.00	1.03	1.02	1.01	1.01	1.01	1.01	1.01	1.01	100.7%
SPR 2019	0.99	1.00	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	100.8%
SUM 2019	1.00	1.00	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	100.9%
WIN 2019	1.00	1.00	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	101.0%
SPR 2020	1.00	1.00	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	101.1%
SUM 2020	1.00	1.00	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	101.1%
WIN 2020	1.00	1.00	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	101.2%

SPR 2029	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	101.0%
SUM 2029	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	101.0%
WIN 2029	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	100.9%
SPR 2030	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	100.9%
SUM 2030	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	100.9%
WIN 2030	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	100.9%

SPR 2034	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	100.7%
SUM 2034	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	100.7%
WIN 2034	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.01	1.01	1.01	100.7%

SPR 2045	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.3%
SUM 2045	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.3%
WIN 2045	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.3%
SPR 2046	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.3%
SUM 2046	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.3%
WIN 2046	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.3%

WIN 2121	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2122	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2122	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2122	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2123	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2123	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2123	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2124	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%

Calculated Effects

Net Transfer Effect (AF/four months)

	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
SPR 2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2016	-0.8	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2016	-1.2	-1.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2016	-1.6	-2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2017	-1.0	-1.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2017	-0.7	-0.8	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2017	-0.5	-0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2018	-0.4	-0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2018	-0.3	-0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2018	-0.2	-0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2019	-0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2019	-0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2019	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2116	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2116	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2116	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2117	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2117	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2117	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2118	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2118	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2118	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2119	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2119	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2119	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2120	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2121	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2122	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2123	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2123	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2123	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2124	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Enter First Time Step of Transfer: SPR 2015

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Match: 169				Match: 456																
Steady State				AltR	HIS	SNB	NBIN	NIM	DWIB	BtTS	TS	TSIM	M	MTB	Total	Total Effects				
Preexisting Effects @ (Last Time Step):				16.46	15.90	3.12	8.13	0.05	0.16	0.18	0.08	0.05	0.05	0.00	44.17	w/o Transfer - Last Time Step				
Value of Dep. @ Last Time Step:				16.46	15.90	3.12	8.13	0.05	0.16	0.18	0.08	0.05	0.05	0.00	44.17	w/Trans - Last Time Step				
Transient State																				
Preexisting Effects @ (Max Value Timestep):				16.46	15.90	3.12	8.13	0.05	0.16	0.18	0.08	0.05	0.05	0.00	44.17	w/o Trans - Correlates to Max Value from w/Trans				
Max. Value of Dep. After Trans:				16.46	15.90	3.12	8.13	0.05	0.16	0.18	0.08	0.05	0.05	0.00	44.17	w/Trans - Max Value: Start of Trans to Last Time Step				

[illegible][illegible][illegible]

ENHANCED GROUND-WATER RIGHTS TRANSFER SPREADSHEET
UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE
IDAHO DEPARTMENT OF WATER RESOURCES

TRANSFER NO: 31-7489 Idahoan
TRANSFER NAME: Sanders

YEAR	1987
SEASON	Winter

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	42	33	0	0
COLUMN	169	173	0	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	W/O Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	W/O Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	W/O Transfer AF/TRIMESTER
WIN 1987	0	40.6	40.6	0	0	0	0
SPR 1988	0	40.6	40.6	0	0	0	0
SUM 1988	0	40.6	40.6	0	0	0	0
WIN 1988	0	40.6	40.6	0	0	0	0
SUM 2014	0	40.6	40.6	0	0	0	0
WIN 2014	0	40.6	40.6	0	0	0	0
SPR 2015	0	40.6	40.6	0	0	0	0
SUM 2015	0	40.6	40.6	0	0	0	0
WIN 2015	0	40.6	40.6	0	0	0	0
SPR 2016	40.6	0	40.6	0	0	0	0
SUM 2016	40.6	0	40.6	0	0	0	0
WIN 2016	40.6	0	40.6	0	0	0	0
SPR 2017	0	40.6	40.6	0	0	0	0
SUM 2017	0	40.6	40.6	0	0	0	0
WIN 2017	0	40.6	40.6	0	0	0	0
SPR 2132	0	40.6	40.6	0	0	0	0
SUM 2132	0	40.6	40.6	0	0	0	0
WIN 2132	0	40.6	40.6	0	0	0	0
SPR 2133	0	40.6	40.6	0	0	0	0
SUM 2133	0	40.6	40.6	0	0	0	0
WIN 2133	0	40.6	40.6	0	0	0	0
SPR 2134	0	40.6	40.6	0	0	0	0
SUM 2134	0	40.6	40.6	0	0	0	0
WIN 2134	0	40.6	40.6	0	0	0	0
SPR 2135	0	40.6	40.6	0	0	0	0
SUM 2135	0	40.6	40.6	0	0	0	0
WIN 2135	0	40.6	40.6	0	0	0	0
SPR 2136	0	40.6	40.6	0	0	0	0
SUM 2136	0	40.6	40.6	0	0	0	0
WIN 2136	0	40.6	40.6	0	0	0	0
SPR 2137	0	40.6	40.6	0	0	0	0
SUM 2137	0	40.6	40.6	0	0	0	0

ESPA Ground Water Rights Transfer Spreadsheet Data Summary

TRANSFER NO:	31-7489 Idahoan	PREPARED BY:	Keith C. Wilson - Rocky Mountain Environmental Associates Inc.
TRANSFER NAME:	Sanders	DATE:	2/15/2016
		Transfer Tool Version	Version 3.1

WATER RIGHTS INVOLVED:

Group 1		Group 2	
Transfer Rights	Additional Mitigation Rights		
Right No.	Priority Date	Right No.	Priority Date
31-7489	11/6/1987		

HISTORIC BENEFICIAL USE:

Trans/Mit. Rights (group no.)	Acres to Dry Up (ac)	Beneficial Use (af/yr)	Total (af/yr)
31-7489	34.8	3.5	121.8

$$121.8 \text{ af/yr} \div 3 = 40.6 \text{ af/tri}$$

MODEL CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	42	33	0	0
COLUMN	169	173	0	0

	Start Date		End Date		Annual (af/yr)	Water Use Trimester (af/trimester)	Acres Authorized (acres)	Notes
	Season	Year	Season	Year				
TO Well (Projected Use)	Spring	2016	Winter	2016	121.8	40.6	34.8	
FROM1 Well	Winter	1987	Winter	2015	121.8	40.6	34.8	
(With Transfer)	Spring	2016	Winter	2016	0	0.0	0.0	
	Spring	2017	Summer	2137	121.8	40.6	34.8	
FROM1 Well (Without Transfer)	Winter	1987	Summer	2137	121.8	40.6	34.8	

Change Ratio

Attachment 3H

period	Asht to Rexburg	Heise to Shelley	Shelley to Nr. Blckft.	Nr. Blckft to Neeley	Neeley to Minidoka	DWB to Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancr.
SPR 2015	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2015	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2015	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2016	0.98	1.09	1.02	1.02	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2016	0.94	1.20	1.08	1.08	1.01	1.00	1.00	1.00	1.00	1.00	100.1%
WIN 2016	0.89	1.33	1.17	1.17	1.02	1.01	1.01	1.01	1.01	1.01	100.5%
SPR 2017	0.85	1.36	1.26	1.25	1.03	1.02	1.02	1.02	1.02	1.01	101.1%
SUM 2017	0.84	1.36	1.32	1.32	1.05	1.03	1.03	1.03	1.03	1.02	102.1%
WIN 2017	0.85	1.34	1.37	1.36	1.07	1.05	1.05	1.05	1.05	1.04	103.6%
SPR 2018	0.87	1.31	1.40	1.39	1.09	1.07	1.07	1.07	1.07	1.06	105.3%
SUM 2018	0.88	1.29	1.41	1.40	1.11	1.09	1.10	1.09	1.09	1.08	107.3%
WIN 2018	0.90	1.26	1.42	1.41	1.12	1.11	1.12	1.12	1.11	1.10	109.3%
SPR 2019	0.91	1.24	1.41	1.40	1.14	1.13	1.14	1.14	1.14	1.12	111.4%
SUM 2019	0.92	1.22	1.41	1.40	1.15	1.15	1.16	1.16	1.16	1.14	113.4%
WIN 2019	0.93	1.21	1.39	1.39	1.17	1.17	1.18	1.18	1.18	1.16	115.3%
SPR 2020	0.94	1.19	1.38	1.37	1.18	1.18	1.20	1.20	1.19	1.18	117.0%
SUM 2020	0.95	1.18	1.37	1.36	1.19	1.20	1.21	1.21	1.21	1.20	118.6%
WIN 2020	0.96	1.16	1.35	1.35	1.19	1.22	1.22	1.22	1.22	1.21	119.9%
SPR 2029	1.00	1.04	1.12	1.12	1.19	1.19	1.19	1.19	1.19	1.19	119.2%
SUM 2029	1.00	1.04	1.12	1.12	1.18	1.18	1.18	1.18	1.18	1.19	118.8%
WIN 2029	1.00	1.04	1.11	1.11	1.18	1.18	1.18	1.18	1.18	1.18	118.4%
SPR 2030	1.00	1.04	1.11	1.11	1.18	1.18	1.17	1.17	1.17	1.18	117.9%
SUM 2030	1.00	1.03	1.10	1.11	1.17	1.17	1.17	1.17	1.17	1.17	117.5%
WIN 2030	1.00	1.03	1.10	1.10	1.17	1.17	1.16	1.16	1.17	1.17	117.1%
SPR 2034	1.00	1.02	1.07	1.07	1.14	1.13	1.13	1.13	1.13	1.13	113.3%
SUM 2034	1.00	1.02	1.07	1.07	1.13	1.12	1.12	1.12	1.12	1.13	112.9%
WIN 2034	1.00	1.02	1.07	1.07	1.13	1.12	1.12	1.12	1.12	1.12	112.6%
SPR 2045	1.00	1.01	1.02	1.03	1.06	1.05	1.05	1.05	1.05	1.05	105.4%
SUM 2045	1.00	1.01	1.02	1.02	1.06	1.05	1.05	1.05	1.05	1.05	105.3%
WIN 2045	1.00	1.01	1.02	1.02	1.05	1.05	1.05	1.05	1.05	1.05	105.1%
SPR 2046	1.00	1.00	1.02	1.02	1.05	1.05	1.05	1.05	1.05	1.05	105.0%
SUM 2046	1.00	1.00	1.02	1.02	1.05	1.05	1.05	1.05	1.05	1.05	104.8%
WIN 2046	1.00	1.00	1.02	1.02	1.05	1.04	1.04	1.04	1.04	1.05	104.7%
SPR 2106	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%
SUM 2106	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%
WIN 2106	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%
SPR 2107	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%
SUM 2107	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%
WIN 2107	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%
SPR 2108	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%
SUM 2108	2.20	1.23	0.75	0.81	0.85	0.88	0.88	0.88	0.88	0.88	87.6%

Net Transfer Effect (AF/four months)											
	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
SPR 2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2016	-0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2016	-1.9	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2016	-3.5	1.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2017	-4.6	1.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2017	-4.9	1.4	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2017	-4.7	1.3	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2018	-4.2	1.2	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2018	-3.7	1.1	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2018	-3.2	1.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2019	-2.8	0.9	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2019	-2.4	0.9	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2019	-2.1	0.8	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2020	-1.8	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2020	-1.5	0.7	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2020	-1.3	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2029	-0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2029	-0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2029	-0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2030	-0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2030	-0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2030	-0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2034	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2034	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2034	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2035	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2035	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2035	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2038	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2038	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2038	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2135	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2135	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2135	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2137	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2137	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Sanders

Mitigation Analysis

2016

Enter First Time Step of Transfer: SPR 2010

Match: 155 Match: 456
Impact by Reach (AF/Annum)

Last Time Step	AtR	HtS	StNB	NBN	NtM	DWtB	BtTS	TS	TSM	M	MtB	Total	Total Effects - Last Time Step
Pre-SS	33.04	4.41	0.78	2.02	0.01	0.04	0.04	0.02	0.01	0.01	0.00	40.40	w/o Transfer
Post-SS	33.04	4.41	0.78	2.02	0.01	0.04	0.04	0.02	0.01	0.01	0.00	40.40	w/ Transfer
Transient State													
Pre-TS	33.04	4.41	0.78	2.02	0.01	0.04	0.04	0.02	0.01	0.01	0.00	40.40	w/o Trans. - Correlates Max Value Total Effects w/ Trans.
Post-TS	33.04	5.16	0.83	2.12	0.01	0.04	0.04	0.02	0.01	0.01	0.00	41.30	w/ Trans - Max Value Start of Trans. to Last Time Step

Change:

SS: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

TS: 0.00 0.75 0.05 0.10 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%	0.0%	0.0%	0.0%
Mitigation Check 2: > 6 AF/A:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	81.8%	10.9%	1.9%	5.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical:	0.0%	17.0%	6.5%	4.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 6 AF/A:	0.0	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0