

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

RECEIVED

MAY 20 2015

**DEPARTMENT OF
WATER RESOURCES**

This is to certify that: **WICKEL LAND COMPANY**
PO BOX 219
DECLO ID 83323
(028) 654-2341

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	Acre Limit	Total Rented Acres
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36-4179	8/9/1959	Ground Water	NA	0.65 cfs	262.0 af	NA	65.5 ac
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45-11969	6/1/1939	Ground Water	NA	0.87 cfs	260.0 af	NA	65.0 ac
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Annual Combined Rental Totals **1.52 cfs 522.0 af NA 130.5 ac**

Term of Rental: **May 1, 2015 thru December 31, 2016**
Rental Fee: **\$8,874.00 annually**

The fee for rental of the above-described water is \$8,874.00 per year. Ten percent (\$887.40) will go to the Department for administrative costs, and the remainder will be paid to the lessor(s). An annual payment shall be received by the Department prior to February 15 each year for the duration of the rental period. The agreement will be void if payment is not received prior to the due date in a given year. To terminate the agreement prior to the end of the rental period, written notice must be received by the Department at least 30 days prior to the rental fee due date. No rental fees will be refunded once the fee is collected and the start date for a Rental Agreement has passed.

Detailed water right conditions are attached.

SUPPORT DATA

IN FILE # 36-4179

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

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:

Jesse Wickel
Signature of Renter

Jesse Wickel Secretary
Printed Name and Title*

5/19/15
Date

Ardel Wickel
Signature of Renter

Ardel Wickel Pres
Printed Name and Title*

5/19/15
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.

Brian Patton
By

BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Date May 21, 2015

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

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER	NW¼NE¼	Sec. 20	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	SW¼NE¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	SW¼NE¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	NW¼NW¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	NW¼NW¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County

BENEFICIAL USE

IRRIGATION

SEASON OF USE

03/15 TO 11/15

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	
10S	25E	19													38.0	33.0	0.2	36.0	107.2
10S	25E	20	4.7	4.8			5.3		4.5			3.8	0.2					3.7	35.6

Total Acres: 130.5

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.

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

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER	NW¼NE¼	Sec. 20	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	SW¼NE¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	SW¼NE¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	NW¼NW¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County
GROUND WATER	NW¼NW¼	Sec. 30	Twp 10S	Rge 25E	CASSIA County

BENEFICIAL USE

IRRIGATION

SEASON OF USE

03/15 TO 11/15

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	
10S	25E	19													27.8	31.4		6.5	65.7
10S	25E	20	5.6	5.3					4.8			4.1	6.3					3.7	35.6
10S	25E	29					8.4	13.9	2.7	3.3									28.3
10S	25E	30		0.9															0.9

Total Acres: 130.5

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.
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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.

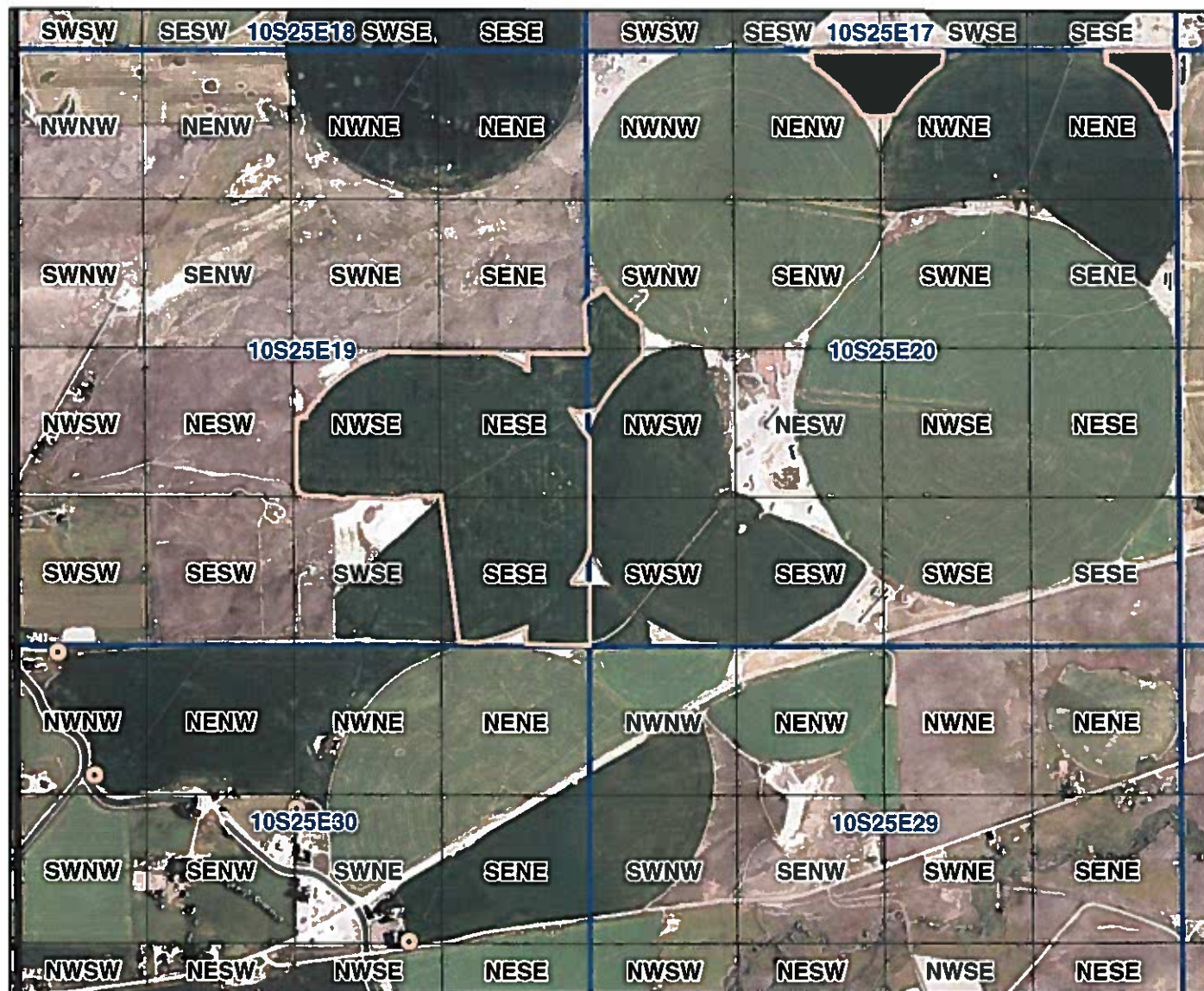
SCANNED
MAY 22 2015

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. This rental agreement does not authorize the construction of a well.
12. The renter must diligently pursue a permanent water right to provide for the uses authorized under this rental agreement.
13. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
14. 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. 140.
15. The following rights are diverted through point(s) of diversion described above: 45-2468, 45-7336, 45-7449, 45-7471, 45-13773, 45-14453, 45-14454, 45-14466, 45-14467, 45-14468.

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



0  Miles
0.5

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

APR 01 2015

**DEPARTMENT OF
WATER RESOURCES**

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

Applicant Name: Wickel Land Company

Is this application being submitted with a lease application as a lease/rental package? Yes ☐ No ☒

An *Application to Rent Water from the Board's Water Supply Bank* must be completed in accordance with the minimum requirement checklist below to be acceptable for processing by the Idaho Department of Water Resources (IDWR). 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.**

Applications to rent water should be submitted well in advance of the desired start date for the use of water. Rental applications may be submitted as early as November 1 of the year prior to the intended use of rental water. Rental applications submitted more than one year in advance of the proposed start date for water use will not be accepted and will be returned to applicants. Rental applications will not be processed if they are received after the end of the rental season of use.

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

For additional instructions on completing a rental application, visit the Department's website at www.idwr.idaho.gov.

Checked All Items as Either Attached (Yes) or Not Applicable (N/A)			
YES ☒ Completed <i>Application to Rent Water from the Board's Water Supply Bank</i>			
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
3E	☒	☐	Authorization from the owner/operator of the rental point(s) of diversion
3G	☐	☒	Water modeling to account for the impacts of the rental request
3J	☒	☐	Documents justifying a need to rent water for irrigation at 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)	
36-4179	45-11969

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Wickel Land Company

Mailing Address P.O. Box 219 Declo, Idaho 83323

Email Address _____ Phone Number 208-654-2341

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☒ No ☐

If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

Representative Greg Sullivan Professional Title Engineer

Organization Brockway Engineering Relationship to Applicant _____

Mailing Address 2016 North Washington Street, Suite 4 Twin Falls, Idaho 83301

Email Address greg.sullivan@brockwayeng.com Phone Number 208-736-8543

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use, and water diversion, delivery and distribution systems. Make sure the place of use is outlined with an obvious, bolded line. For irrigation purposes, note that the place of use outlined on your map cannot exceed the number of acres you are proposing to rent. Attach the map to this application and label it **Attachment 2**.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

A. Describe the purpose of your rental request. Include any anticipated rates of water application, water use practices or number of stock (if any). If the proposed use is not for irrigation, please provide a detailed description of the proposed use and how you determined the amount of rental water required. Attach additional sheets if required and label it **Attachment 3A**:
Irrigation water will be diverted from existing PODs and applied on the farm with existing pivots.

B. Enter the desired and/or minimum necessary 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)	Acres (if applicable) (Acre)
2.61 CFS	522 AF	2.61 CFS	522 AF	130.5 AC

Sometimes water rights available for rent 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. Enter the proposed start date and latest possible start date for using rental water. Also provide the number of years you would like to rent water:

Proposed Start Date (month/day/year)	Latest Possible Start (month/day/year)	* Proposed Rental Duration (Max 5 Years)	** For multi-year rentals, indicate whether you desire to rent water for remaining years if a rental request cannot be approved for the first year?	
5/1/2015	10/1/2015	2	☐ Yes, approve rental for all remaining future years.	☐ No, return rental request if first year is unapprovable.

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

** Subject to the availability of rentable water. A multi-year rental that cannot begin during the first year requested may be approved for some or all remaining years, depending on availability. Rental requests will be returned if no water is available to rent in the first and/or subsequent years of the rental request.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- D. Refer to the map you created in item 2 and specify the location of the point(s) of diversion (POD) from which rental water is proposed to be diverted:

Water Source	TWP	RGE	SEC	¼	¼	¼	County	Other water rights for the same purpose diverted from this POD
See Attached POD List								

The entry in this grid must match the map from item 2 on the application.

- E. Do you own and/or possess the authority to divert water from the above POD(s)? Yes ☒ No ☐
If no, provide documentation from the owner/operator confirming your authorization to use the POD(s) and label it **Attachment 3E**.
- F. Do any POD(s) identified in Question 3D 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.
- G. Has water modeling been provided with your rental request? Yes ☒ No ☐
If yes, include as **Attachment 3G**. Otherwise please explain why modeling was not provided:

Rental applications that require modeling will be returned if modeling is not provided.

- H. Specify the proposed beneficial use: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Municipal
☐ Groundwater Recharge ☐ Mining ☐ Stockwater ☐ Other: _____
- I. Refer to the map you created in item 2 and specify below the places you propose to use water. If for irrigation, specify the number of acres to be irrigated per ¼ ¼ tract. Otherwise indicate usage by marking the ¼ ¼ tracts with the first letter of your proposed use identified above:

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	25E	19													27.8	31.4			59.2
		20							1.7			4.1							5.8
10S	25E	19																6.5	6.5
		20	5.6	5.3			5.8		3.1				6.3					3.7	29.8
		29					8.4	13.9	2.7	3.3									28.3
		30		0.9															0.9
The entry in this grid must match the map from item 2 on the application.																			Total Acres (for irrigation)
																			130.5

- J. For irrigation uses, do you propose a water diversion rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☒
If yes, explain the justification for this rate of flow and attach any supporting documents as **Attachment 3J**:

- 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. Describe your water distribution system and how water will be delivered from the POD(s) to the proposed POU(s):
Existing PODs and delivery systems of pivots

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

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

45-2468, 45-7336, 45-7449, 45-7471, 45-13773, 45-14453, 45-14454, et al.

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights?

Yes ☒ No ☐

If yes, specify below the water rights you are requesting to rent. Otherwise continue to Section 5 of this application form.

Please note: Diversion rates and volumes to be rented from a leased water right must be proportionate to the per acre diversion rates and per acre volume limits of the water right leased to the Bank. Applicants should query a water right's rental availability by reviewing active lease and rental documents, searchable via [IDWR's website](#), to ensure all elements of a water right remain available in sufficient quantity to satisfy a rental request.

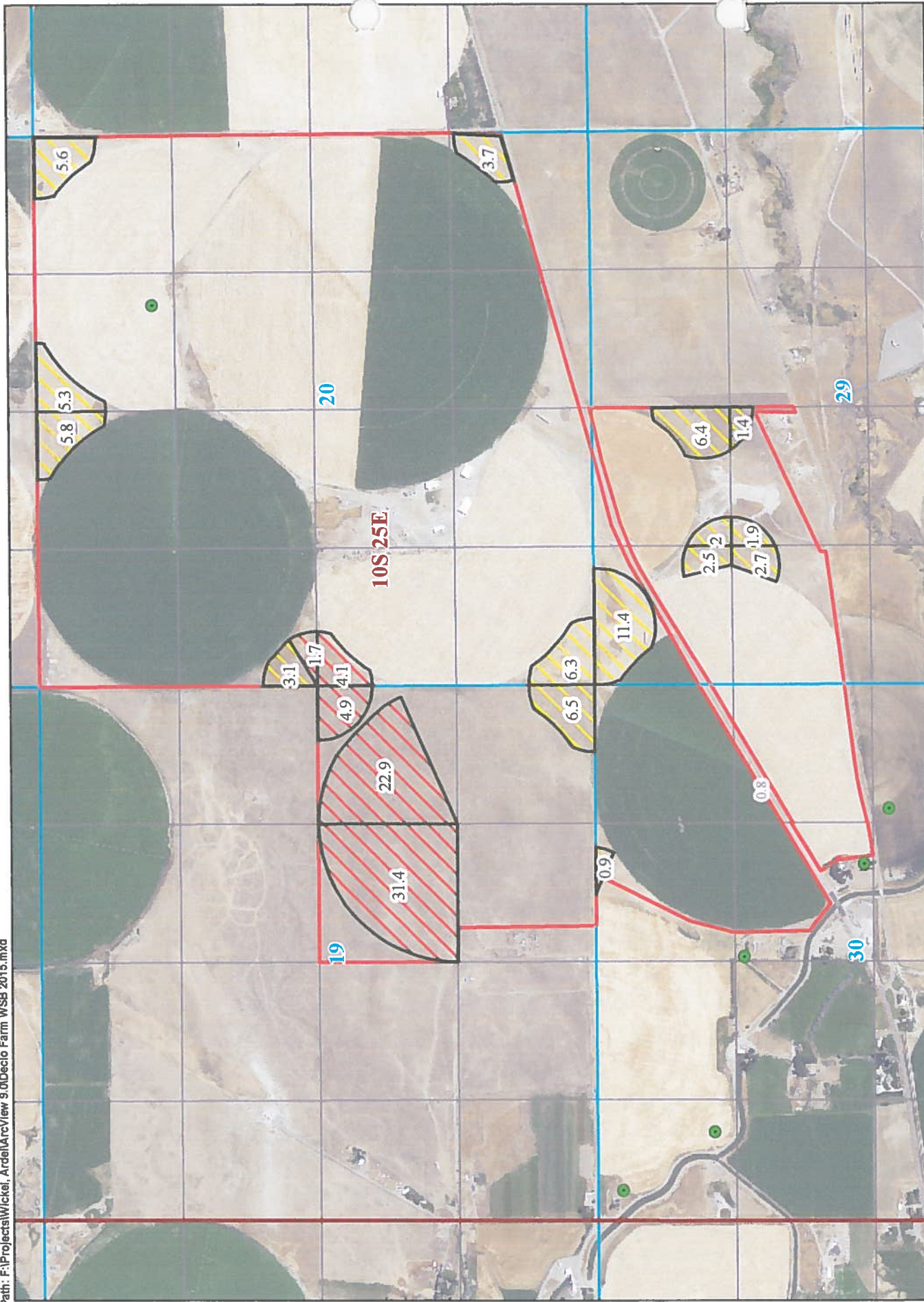
Water rights identified below must either already be leased to the Bank or a lease proposal should accompany the rental request. **Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.**

For leased rights with combined limits, applicants should request to rent against the combined limit diversion rate, volume or acre limits.

Elements of Water Rights Leased to the Bank (Contract Details)								Leased totals minus water actively engaged in rental agreement equals rental availability	Rental Request		
Water Right Number	Nature of Use	Water Source	Rate (CFS)	Volume (AF)	Acres (AC)	Start (year)	End (year)		Rate (CFS)	Vol. (AF)	Acres (AC)
36-4179	Industrial	Groundwater	4.27			2005	2016		1.31	262	65.5
45-11969	Irrigation	Groundwater	1.26	378.4	94.6	2010	indef		0.87	260	65.0
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre that have been leased to the Water Supply Bank								TOTAL	2.18 CFS	522 AF	130.5 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: No unconventional duty expected.**



Legend

- Points of Diversion
- Proposed PPU
- WSB_AREAS_2015
- Township
- 45-11969=65 AC
- Section lines
- 36-4179=65.5 AC
- QQ lines

WICKEL - DECLO FARM
WATER SUPPLY BANK LEASE 2015
NAIP 2013 AERIAL PHOTOGRAPH

0 500 1,000 2,000 Feet

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- C. Does your rental request propose to change the nature of use for any water right(s) being requested? 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, as well as the new consumptive use amount for your proposed beneficial use. Attach a separate page if space is insufficient and label it Attachment 4C.

An amount of 0.02 cfs/acre will be rented from 36-4170 because 36-4170 is a fully consumptive water right

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 was rented in 2014 for this farm.

- 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: Two transfer application were recently approved by IDWR and two addition transfers have been submitted to IDWR

- 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.

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.

Ardel Wickel
Signature of Applicant

Ardel Wickel/Pres
Printed Name of Applicant

3/23/15
Date

Signature of Representative

Printed Name of Representative

Date

Mail to:

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

Wickel Land Company LLC
POD Locations

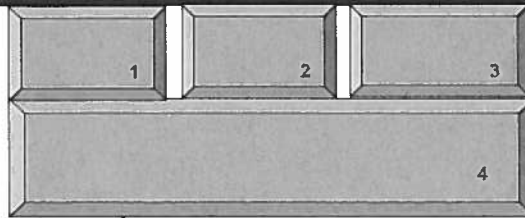
Twp.	Rge.	Sec.	QQQ	QQ	Q
10S	25E	20		NW	NE
10S	25E	30		SW	NE
10S	25E	30		SW	NE
10S	25E	30		NW	NW
10S	25E	30		NW	NW

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries



130.5 Acres

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

TRANSFER NO:

YEAR

1950

TRANSFER NAME:

SEASON

SPRING

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL			
ROW	90	88	84		45-11969	65.0 Acres	260.0 AFA
COLUMN	61	55	52		36-4179	65.5 Acres	262.0 AFA

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1950	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1950	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1950	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1951	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1951	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1951	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1952	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1952	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1952	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1953	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1953	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1953	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1954	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1954	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1954	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1955	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1955	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1955	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1956	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1956	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1956	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1957	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1957	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1957	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1958	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1958	0.0	86.7	86.7	0.0	0.0	0.0	0.0
WIN 1958	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SPR 1959	0.0	86.7	86.7	0.0	0.0	0.0	0.0
SUM 1959	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1959	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1960	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1960	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1960	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1961	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1961	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1961	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1962	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1962	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1962	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1963	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1963	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1963	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1964	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1964	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1964	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1965	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1965	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1965	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1966	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1966	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1966	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1967	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1967	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1967	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1968	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1968	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1968	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1969	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1969	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1969	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1970	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1970	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1970	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1971	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1971	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1971	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1972	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1972	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1972	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1973	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1973	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1973	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1974	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1974	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1974	0.0	86.7	86.7	87.3	87.3	0.0	0.0

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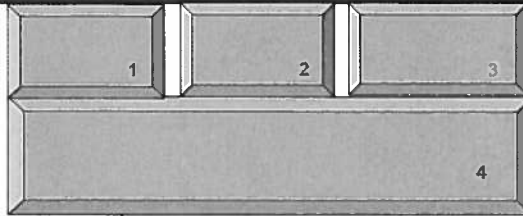
Cells this color are
set up for user entries

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

YEAR 1950
SEASON SPRING

TRANSFER NO:

TRANSFER NAME:



130.5 Acres

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL			
ROW	90	88	84		45-11969	65 0 Acres	260.0 AFA
COLUMN	61	55	52		36-4179	65 5 Acres	262.0 AFA

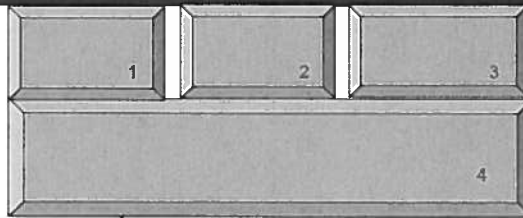
TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1975	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1975	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1975	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1976	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1976	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1976	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1977	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1977	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1977	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1978	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1978	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1978	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1979	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1979	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1979	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1980	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1980	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1980	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1981	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1981	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1981	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1982	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1982	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1982	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1983	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1983	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1983	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1984	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1984	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1984	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1985	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1985	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1985	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1986	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1986	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1986	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1987	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1987	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1987	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1988	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1988	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1988	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1989	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1989	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1989	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1990	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1990	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1990	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1991	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1991	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1991	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1992	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1992	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1992	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1993	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1993	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1993	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1994	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1994	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1994	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1995	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1995	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1995	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1996	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1996	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1996	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1997	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1997	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1997	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1998	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1998	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1998	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 1999	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 1999	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 1999	0.0	86.7	86.7	87.3	87.3	0.0	0.0

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130.5 Acres

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

TRANSFER NO:

YEAR

1950

TRANSFER NAME:

SEASON

SPRING

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL			
ROW	90	88	84		45-11969	65.0 Acres	260.0 AFA
COLUMN	61	55	52		36-4179	65.5 Acres	262.0 AFA

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 2000	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 2000	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 2000	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 2001	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 2001	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 2001	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 2002	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 2002	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 2002	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 2003	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 2003	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 2003	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 2004	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 2004	0.0	86.7	86.7	87.3	87.3	0.0	0.0
WIN 2004	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SPR 2005	0.0	86.7	86.7	87.3	87.3	0.0	0.0
SUM 2005	0.0	86.7	86.7	0.0	87.3	0.0	0.0
WIN 2005	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SPR 2006	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SUM 2006	0.0	86.7	86.7	0.0	87.3	0.0	0.0
WIN 2006	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SPR 2007	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SUM 2007	0.0	86.7	86.7	0.0	87.3	0.0	0.0
WIN 2007	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SPR 2008	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SUM 2008	0.0	86.7	86.7	0.0	87.3	0.0	0.0
WIN 2008	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SPR 2009	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SUM 2009	0.0	86.7	86.7	0.0	87.3	0.0	0.0
WIN 2009	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SPR 2010	0.0	86.7	86.7	0.0	87.3	0.0	0.0
SUM 2010	0.0	0.0	86.7	0.0	87.3	0.0	0.0
WIN 2010	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SPR 2011	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SUM 2011	0.0	0.0	86.7	0.0	87.3	0.0	0.0
WIN 2011	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SPR 2012	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SUM 2012	0.0	0.0	86.7	0.0	87.3	0.0	0.0
WIN 2012	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SPR 2013	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SUM 2013	0.0	0.0	86.7	0.0	87.3	0.0	0.0
WIN 2013	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SPR 2014	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SUM 2014	0.0	0.0	86.7	0.0	87.3	0.0	0.0
WIN 2014	0.0	0.0	86.7	0.0	87.3	0.0	0.0
SPR 2015	174.0	0.0	86.7	0.0	87.3	0.0	0.0
SUM 2015	174.0	0.0	86.7	0.0	87.3	0.0	0.0
WIN 2015	174.0	0.0	86.7	0.0	87.3	0.0	0.0
SPR 2016	174.0	0.0	86.7	0.0	87.3	0.0	0.0
SUM 2016	174.0	0.0	86.7	0.0	87.3	0.0	0.0
WIN 2016	174.0	0.0	86.7	0.0	87.3	0.0	0.0
SPR 2017	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2017	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2017	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2018	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2018	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2018	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2019	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2019	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2019	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2020	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2020	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2020	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2021	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2021	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2021	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2022	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2022	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2022	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2023	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2023	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2023	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2024	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2024	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2024	0.0	0.0	86.7	87.3	87.3	0.0	0.0

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130.5 Acres

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

YEAR: 1950

SEASON: SPRING

TRANSFER NO:

TRANSFER NAME:

ENTER CELL LOCATIONS:		'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL			
ROW		90	88	84		45-11969	65.0 Acres	260.0 AFA
COLUMN		61	55	52		36-4179	65.5 Acres	262.0 AFA

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 2025	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2025	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2025	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2026	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2026	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2026	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2027	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2027	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2027	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2028	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2028	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2028	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2029	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2029	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2029	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2030	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2030	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2030	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2031	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2031	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2031	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2032	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2032	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2032	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2033	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2033	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2033	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2034	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2034	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2034	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2035	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2035	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2035	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2036	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2036	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2036	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2037	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2037	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2037	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2038	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2038	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2038	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2039	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2039	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2039	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2040	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2040	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2040	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2041	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2041	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2041	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2042	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2042	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2042	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2043	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2043	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2043	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2044	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2044	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2044	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2045	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2045	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2045	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2046	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2046	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2046	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2047	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2047	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2047	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SPR 2048	0.0	0.0	86.7	87.3	87.3	0.0	0.0
SUM 2048	0.0	0.0	86.7	87.3	87.3	0.0	0.0
WIN 2048	0.0	0.0	86.7	87.3	87.3	0.0	0.0

Evaluation of overall mitigation requirements per reach Steady State and Transient State, and Off-Setting Benefits (Sum of reach debits only where mitigation is required and credits)

Carry out one way analysis. If reach depletions go up, it is a debit, if they go down, it is a credit. Sum all debits, only where mitigation is required (dark yellow), and all credits (light yellow). Mitigation is required for the full amount of the summed values if greater than zero.

Steady state analysis represents permanent mitigation requirements at future steady state (or last timestep from the ESPAM Transfer Tool model run).

Transient state analysis represents mitigation requirements for the worst or maximum time step in the model run.

Steady State Summary of Modified Stream Depletions Following Transfer(s)												
Impact by Reach (AFT/timestep)												
Ashton to Resburg	Hense to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev Wbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad	Malad to Bancroft		
1	-0.9	-1.0	-7.9	-27.9	-13.4	-16.6	-6.1	-3.8	-0.4	-3.5	-0.1	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Summary:	-0.9	-1.0	-7.9	-27.9	-13.4	-16.6	-6.1	-3.8	-0.4	-3.5	-0.1	

Transient State Summary of Modified Stream Depletions Following Transfer(s)

Impact by Reach (AFT/timestep)												
Ashton to Resburg	Hense to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev Wbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad	Malad to Bancroft		
1	-0.4	-0.5	-4.3	-16.0	-5.5	-9.8	-3.4	-2.2	-0.2	-1.9	-0.1	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	-0.4	-0.5	-4.3	-16.0	-5.5	-9.8	-3.4	-2.2	-0.2	-1.9	-0.1	

Evaluation of transient state mitigation requirement is not comprehensive across all time steps. Instead this evaluation finds the maximum stream depletion following the start of the transfer and looks at depletion amounts from that time step. In many instances this depletion is greater than the depletion associated with the steady state condition or final time step. This evaluation is merely an indicator of whether transient depletions must be considered, not an indicator of all transient impacts.

Evaluation of Permanent Mitigation Efforts (non-use, acreage consolidation) in Addition to Off-Setting Transfer Benefits - Steady State Evaluation Only

Set Aside 1 (Non-Use/Desiccation):

WR No.	Dw Rate (CFS)	Con. Vol (AF)	No of Irr Acres	Priority Date	POD Location	Dedicated Vol AFA/ AFT	Model Node
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Non-Use: Proposed Steady State Impacts following Change

Non-Use 1: Worst Case Transient State Impacts following Change

Impact by Reach (AF/timestep)

Ashton to Resburg	Hense to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev Wbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad	Malad to Bancroft
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Read Me

SS Reach Impacts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TS Reach Impacts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Re-evaluation of overall mitigation requirements per reach, Steady State Only (Sum of reach debits only where mitigation is required and credits)

Steady State Summary of Modified Stream Depletions Following Transfer(s)												
Impact by Reach (AFT/timestep)												
Ashton to Resburg	Hense to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev Wbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad	Malad to Bancroft		
Total 1-Way Transfer Depletions	-0.9	-1.0	-7.9	-27.9	-13.4	-16.6	-6.1	-3.8	-0.4	-3.5	-0.1	
Total Mitigation Efforts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	-0.9	-1.0	-7.9	-27.9	-13.4	-16.6	-6.1	-3.8	-0.4	-3.5	-0.1	

Transient State Summary of Modified Stream Depletions Following Transfer(s)

Impact by Reach (AFT/timestep)												
Ashton to Resburg	Hense to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev Wbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad	Malad to Bancroft		
Total 1-Way Transfer Depletions	-0.4	-0.5	-4.3	-16.0	-5.5	-9.8	-3.4	-2.2	-0.2	-1.9	-0.1	
Total Mitigation Efforts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	-0.4	-0.5	-4.3	-16.0	-5.5	-9.8	-3.4	-2.2	-0.2	-1.9	-0.1	

Webster, Clay

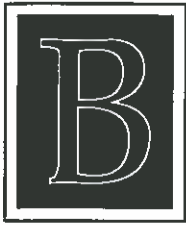
From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Thursday, March 24, 2016 10:03 AM
To: Webster, Clay
Subject: Wickel Rental POU
Attachments: WSB RENTAL 16A.dbf; WSB RENTAL 16A.prj; WSB RENTAL 16A.sbn; WSB RENTAL 16A.sbx; WSB RENTAL 16A.shp; WSB RENTAL 16A.shx; WSB RENTAL 16B.dbf; WSB RENTAL 16B.prj; WSB RENTAL 16B.sbn; WSB RENTAL 16B.sbx; WSB RENTAL 16B.shp; WSB RENTAL 16B.shx

Clay,

See attached documents.

Let me know if these are the right files.

Greg Sullivan
Brockway Engineering
2016 North Washington Street, Suite 4
Twin Falls, Idaho 83301
208-736-8543



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED

FEB 29 2016

DEPARTMENT OF
WATER RESOURCES

February 29, 2016

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

Re: Wickel Water Rentals

Dear Mrs. Palmer:

Ardel Wickel desires to rent 41.6 acres of water from water rights 45-13998 and 45-14000. These two water rights are currently 100% consumptive stock and commercial water rights but the rental will convert them to irrigation use based on the allowed 4.0 acre feet of water per acre. The ESPA model analysis was run for this proposed rental and no mitigation is required. The rental period will be for the 2016 and 2017 irrigation season. This water will provide an additional volume of water to insure that adequate water is available on the farm.

Additionally, the 130.5 acre POU of rental irrigation water from 36-4179 and 45-11969 that is currently under rental contract until 12/31/2016 needs to be adjusted. Wickel Land Company has purchase several water rights in 2015 and transferred them to this farm. Because the transfers have finally been approved and all ownership issues have been resolved. The current 130.5 acre POU is not accurate. No other aspects of the 130.5 acre rental are proposed to be changed. Please update your records so that there is no errors or confusion as to what acres are being irrigated with rented water.

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

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

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

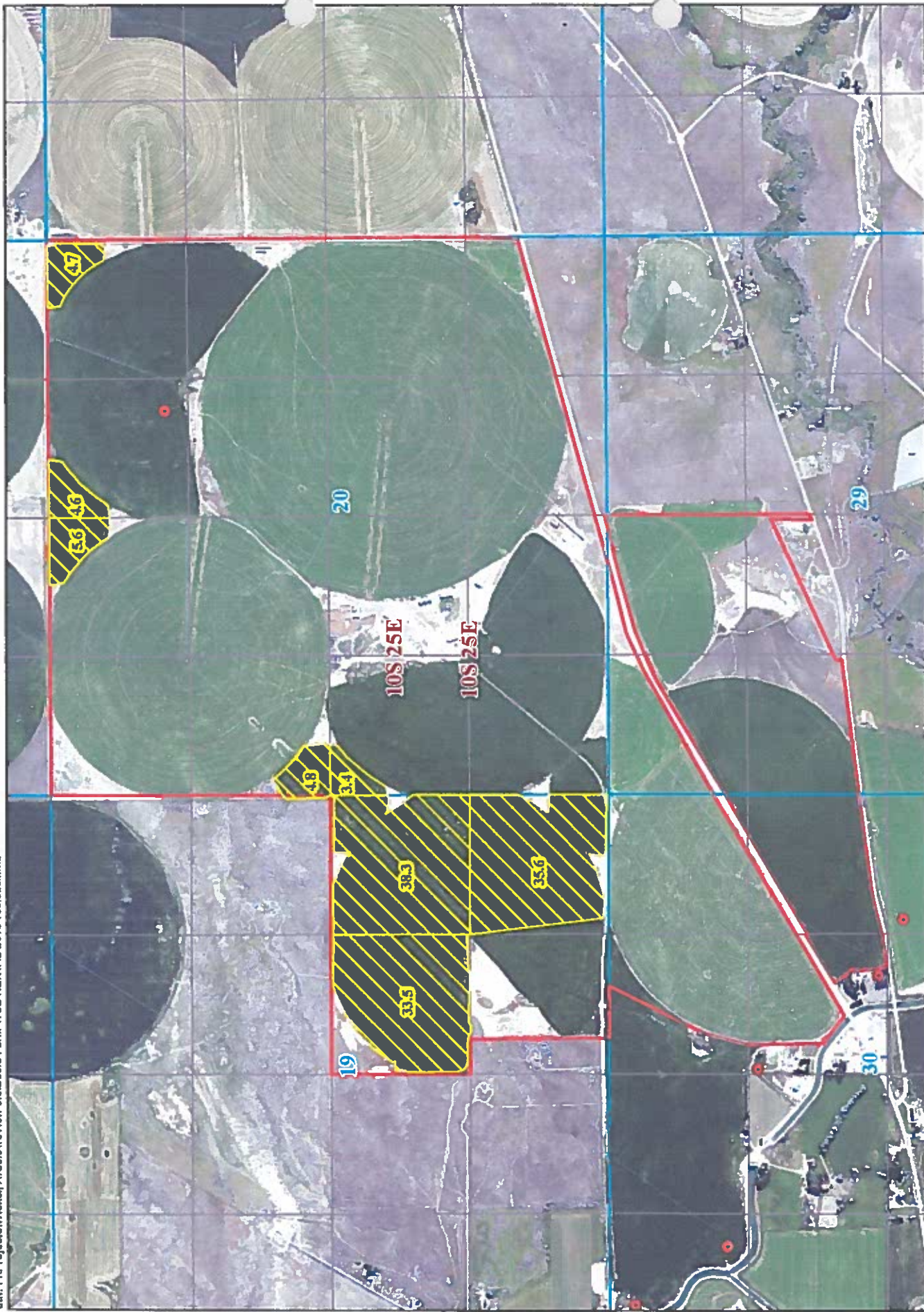
FAX: 736•8506

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Ardel Wickel

Enc: ESPA Model Analysis, Aerial Map, Rental Application, Updated POU Map



0 550 1,100 2,200 Feet

WICKEL - DECLO FARM
WATER BANK RENTAL 2016 -130.5 ACRES
NAIP 2015 AERIAL PHOTOGRAPH

- Legend
- Points of Diversion
 - WSB RENTAL 16A=130.5
 - Proposed PPU
 - township
 - Section lines
 - QQ lines



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 • Web Site: www.idwr.idaho.gov

GARY SPACKMAN
Director

C.L. "BUTCH" OTTER
Governor

May 22, 2015

WICKEL LAND COMPANY
PO BOX 219
DECLO ID 83323-0219

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 36-4179 AND 45-11969**

Dear Renter:

Please find enclosed a receipt in the amount of **\$622.20** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 522.0 acre-feet of water for irrigation of 130.5 acres during 2015. 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 \$559.98 of the rental fee will be paid to the lessor(s) and 10% or \$62.22 will be retained by the Department to offset administrative costs.

If you have any questions, please contact me at (208) 287-4910.

Sincerely,

FOR—Clay Webster
Water Resource Agent
WSB Process Point of Contact

Enclosure(s): Receipt No. C100480
Rental Agreement (copy)

c: Sascha Marston – Fiscal
Allen Merritt – IDWR Southern Regional Office
Brian Higgs – State Water District No. 140
Greg Sullivan – Brockway Engineering PLLC



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 • Web Site: www.idwr.idaho.gov

GARY SPACKMAN
Director

C.L. "BUTCH" OTTER
Governor

May 12, 2015

WICKEL LAND COMPANY
PO BOX 219
DECLO ID 83323-0219

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 36-4179 AND 45-11969**

*****TIME SENSITIVE RESPONSE REQUIRED*****

Dear Applicant:

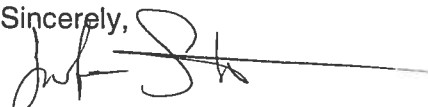
The Department of Water Resources acknowledges receipt of your application to rent water from the Water Supply Bank. **I have enclosed a Water Supply Bank Rental Agreement for your review and signature.** Upon signature and return of the original agreement, together with the rental fee described below, 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 \$8,874.00 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 522.0 acre-feet. An annual payment shall be received by the Department prior to the execution of this agreement and prior to February 15 in all subsequent years for the duration of the rental period. The agreement will be void if payment is not received prior to the due date in a given year. If you would like to terminate the agreement prior to the end of the rental period, you must submit written notice of your intent to the Department at least 30 days prior to the rental fee due date.

A payment for \$8,251.80 was received 3/10/2015, therefore only \$622.20 is left to be paid. Please send a check for \$622.20 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 \$7,986.60 of the rental fee will be paid to the lessor(s) and 10% or \$887.40 will be retained by the Department to offset administrative costs.

If you have any questions, please contact me at (208) 287-4910.

Sincerely,

FER 
Clay Webster
Water Resource Agent
WSB Process Point of Contact
Enclosure(s)

c: IDWR Front Desk
Greg Sullivan-Brockway Engineering PLLC

Webster, Clay

From: Merritt, Allen
Sent: Tuesday, May 12, 2015 8:15 AM
To: Webster, Clay
Subject: RE: Region and Watermaster comments on WSB Rental Application for Wickel Land Company

I do not have any issues. We have recently processed transfers similar in nature to this rental. The watermaster wrote negative comments but concerns did not prevent approval.

From: Webster, Clay
Sent: Friday, May 08, 2015 8:12 AM
To: Merritt, Allen; brian@waterwellconsultants.com
Subject: Region and Watermaster comments on WSB Rental Application for Wickel Land Company

Allen and Brian,

We are currently processing this rental application. Do you have any concerns? Thanks

Sincerely,

Clay Webster

Water Resource Agent
clay.webster@idwr.idaho.gov
208-287-4910
Idaho Department of Water Resources (IDWR)
322 E. Front Street
P.O. Box 83720
Boise, ID 83720-0098
208-287-4800
www.idwr.idaho.gov

Webster, Clay

From: Brian Higgs [brian@waterwellconsultants.com]
Sent: Friday, May 08, 2015 12:49 PM
To: Webster, Clay
Cc: Jaxon Higgs; adam@waterwellconsultants.com
Subject: Re: Region and Watermaster comments on WSB Rental Application for Wickel Land Company

Hi Clay.

No comment on water right 36-4179.

I have a concern with water right 45-11969. This is a right that was never used or developed since it was granted in 1939. That non-use makes this right invalid. However, because it was partially decreed in 2010 moves this right ahead of expanded acre rights and trust water rights that have been developed and utilized every year. In addition, since this right was never used until 2014 more water will be removed from the aquifer prior to 2014. Morally, that is an expansion.

SWID is spending millions of dollars every year attempting to stabilize the aquifer in that area. Tens of thousands of acres are in soft conversion. There are 2 injection wells within a few miles of the proposed discharge point that SWID is spending more than \$40/af to recharge the aquifer.

Approval of this lease negates the efforts of SWID and moves this un-used right ahead of the rights of the irrigators that have been involved in all the stabilization efforts.

Thank you.

Brian

From: Webster, Clay
Sent: Friday, May 08, 2015 8:12 AM
To: Merritt, Allen ; brian@waterwellconsultants.com
Subject: Region and Watermaster comments on WSB Rental Application for Wickel Land Company

Allen and Brian,

We are currently processing this rental application. Do you have any concerns? Thanks

Sincerely,

Clay Webster

Water Resource Agent
clay.webster@idwr.idaho.gov
208-287-4910
Idaho Department of Water Resources (IDWR)
322 E. Front Street
P.O. Box 83720
Boise, ID 83720-0098
208-287-4800
www.idwr.idaho.gov

MEMORANDUM

To: Water Right(s) 36-4179 and 45-11969
From: Clay Webster
Date: April 29, 2015
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: The department received the application to rent these rights from Brockway Engineering on behalf of Wickel Land Company on April 1, 2015. This application is proposing to rent 2.61 cfs, 522 af to cover 130.5 acres worth of irrigation. 65.5 acres will be covered with 36-4179 and 65.0 acres will be covered with 45-11969 for the 2015-2016 seasons.

The rental and the lease are located in the ESPA.

AUTHORITY TO FILE: This application was signed by Ardel Wickel. He is listed as a partner of Wickel Land Company LLP, according to the Idaho SOS web site. They are the property owner at the proposed POU and POD according to our taxlot data.

WATER RIGHT VALIDITY: 36-4179 was partially decreed in 1998. It was leased in it's entirety to the WSB in 2005. That lease was extended through 2016. A portion of this right is being rented to Global Ag for the 2015 and 2016 season. 45-11969 was partially decreed in 2005. It was leased in it's entirety in 2010 for an indefinite period. It currently has one rental and one pending approval.

INJURY TO OTHER WATER RIGHTS: ESPA Modeling was submitted for this rental by the consultant. I checked the modeling and no mitigation is required for this rental.

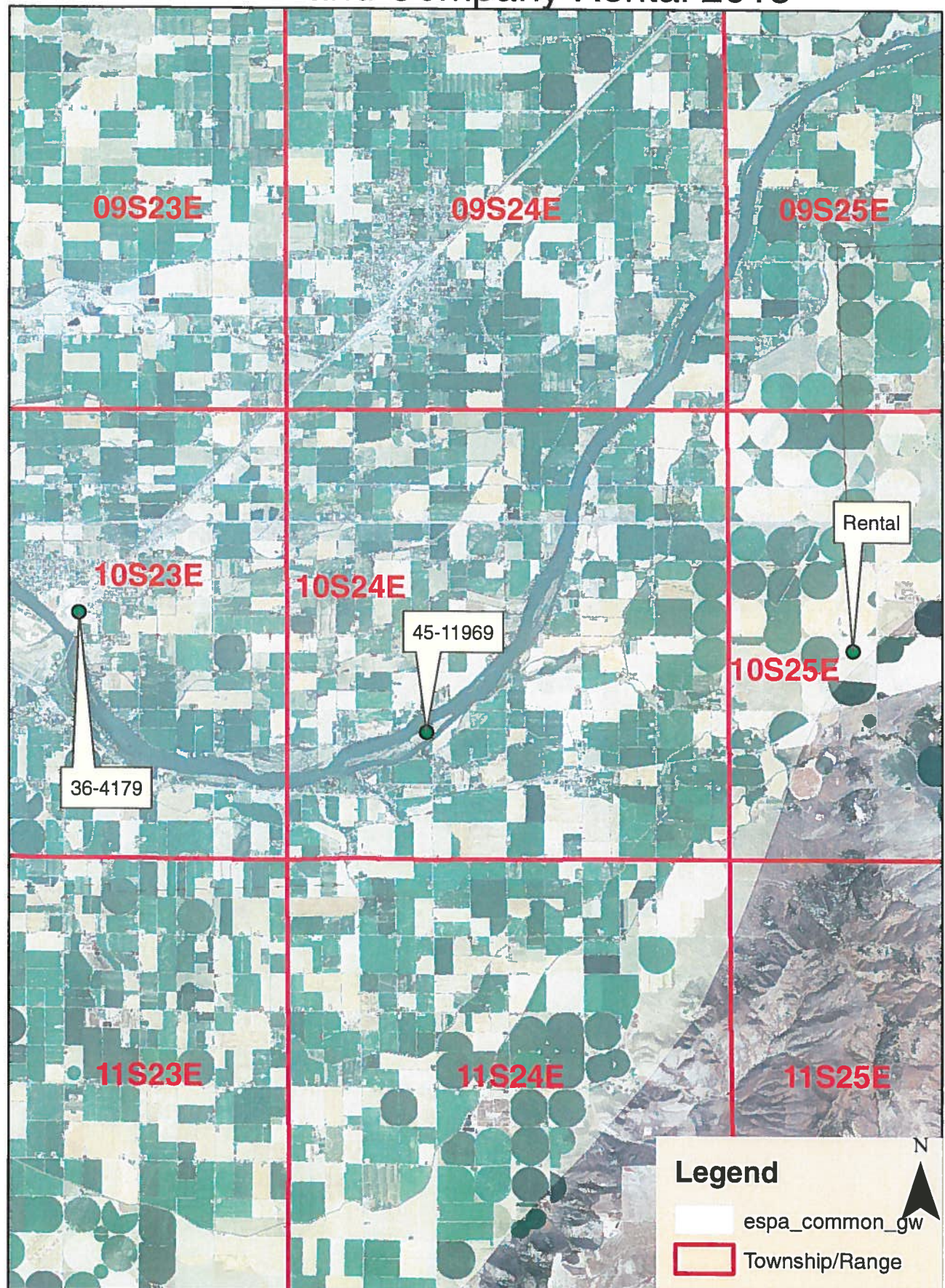
ENLARGEMENT OF USE: Review staff has no enlargement concerns. The full volume for the area is being requested at 4 af/ac.

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: The rented right(s) are subject to Water District # 140. Comments will be requested from the watermaster and regional office.

Wickel Land Company Rental 2015



ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

UPDATE DATES

RUN MODEL

GET OUTPUT

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

TRANSFER NO:

YEAR

1939

TRANSFER NAME:

SEASON

SPRING

Wickel 2015

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

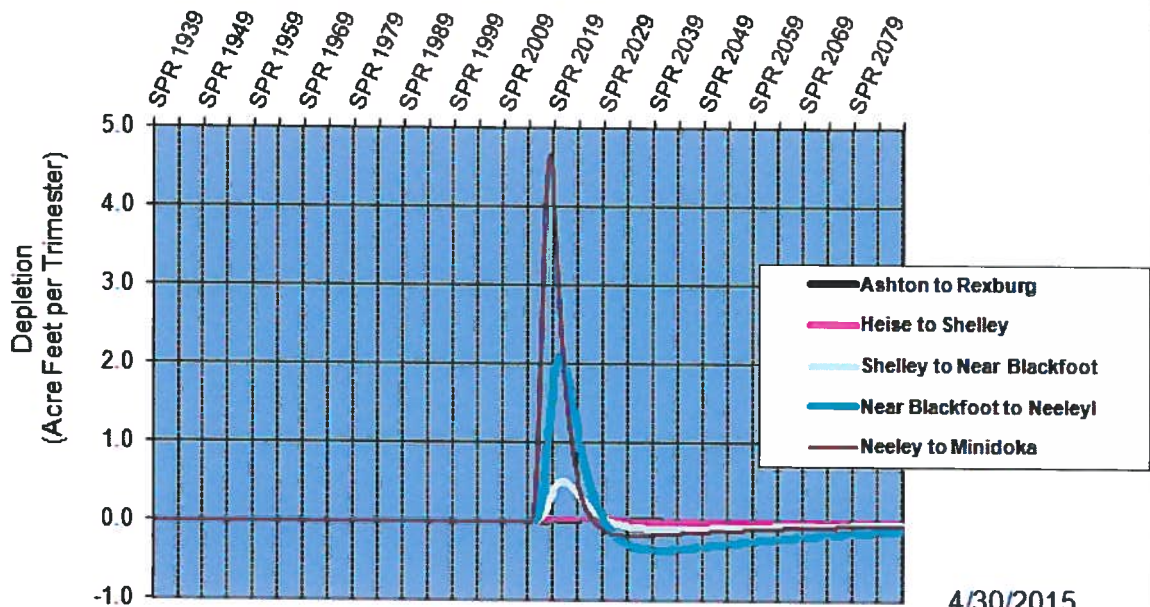
	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	90	88	84	0
COLUMN	61	55	52	0

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1939	0	87	87	0	0	0	0
SUM 1939	0	87	87	0	0	0	0
WIN 1939	0	87	87	0	0	0	0
SPR 1940	0	87	87	0	0	0	0
SUM 1940	0	87	87	0	0	0	0
WIN 1940	0	87	87	0	0	0	0
SPR 1941	0	87	87	0	0	0	0
SUM 1941	0	87	87	0	0	0	0
WIN 1941	0	87	87	0	0	0	0
SPR 1942	0	87	87	0	0	0	0
SUM 1942	0	87	87	0	0	0	0
WIN 1942	0	87	87	0	0	0	0
SPR 1943	0	87	87	0	0	0	0
SUM 1943	0	87	87	0	0	0	0

SPR 1956	0	87	87	0	0	0	0
SUM 1956	0	87	87	0	0	0	0
WIN 1956	0	87	87	0	0	0	0
SPR 1957	0	87	87	0	0	0	0
SUM 1957	0	87	87	0	0	0	0
WIN 1957	0	87	87	0	0	0	0
SPR 1958	0	87	87	0	0	0	0
SUM 1958	0	87	87	0	0	0	0
WIN 1958	0	87	87	0	0	0	0
SPR 1959	0	87	87	0	0	0	0
SUM 1959	0	87	87	87	87	0	0
WIN 1959	0	87	87	87	87	0	0
SPR 1960	0	87	87	87	87	0	0
SUM 1960	0	87	87	87	87	0	0
WIN 1960	0	87	87	87	87	0	0
SPR 1961	0	87	87	87	87	0	0
SUM 1961	0	87	87	87	87	0	0
WIN 1961	0	87	87	87	87	0	0
SPR 1962	0	87	87	87	87	0	0
SUM 1962	0	87	87	87	87	0	0
WIN 1962	0	87	87	87	87	0	0
SPR 1963	0	87	87	87	87	0	0
SUM 1963	0	87	87	87	87	0	0
WIN 1963	0	87	87	87	87	0	0

SPR 2011	0	87	87	87	87	0	0
SUM 2011	0	87	87	87	87	0	0
WIN 2011	0	87	87	87	87	0	0
SPR 2012	0	87	87	87	87	0	0
SUM 2012	0	87	87	87	87	0	0
WIN 2012	0	87	87	87	87	0	0
SPR 2013	0	87	87	87	87	0	0
SUM 2013	0	87	87	87	87	0	0
WIN 2013	0	87	87	87	87	0	0
SPR 2014	0	87	87	87	87	0	0
SUM 2014	0	87	87	87	87	0	0
WIN 2014	0	87	87	87	87	0	0
SPR 2015	167	0	87	0	87	0	0
SUM 2015	167	0	87	0	87	0	0
WIN 2015	167	0	87	0	87	0	0
SPR 2016	167	0	87	0	87	0	0
SUM 2016	167	0	87	0	87	0	0
WIN 2016	167	0	87	0	87	0	0
SPR 2017	0	87	87	87	87	0	0
SUM 2017	0	87	87	87	87	0	0
WIN 2017	0	87	87	87	87	0	0
SPR 2018	0	87	87	87	87	0	0
SUM 2018	0	87	87	87	87	0	0
WIN 2018	0	87	87	87	87	0	0
SPR 2019	0	87	87	87	87	0	0
SUM 2019	0	87	87	87	87	0	0
WIN 2019	0	87	87	87	87	0	0
SPR 2020	0	87	87	87	87	0	0

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

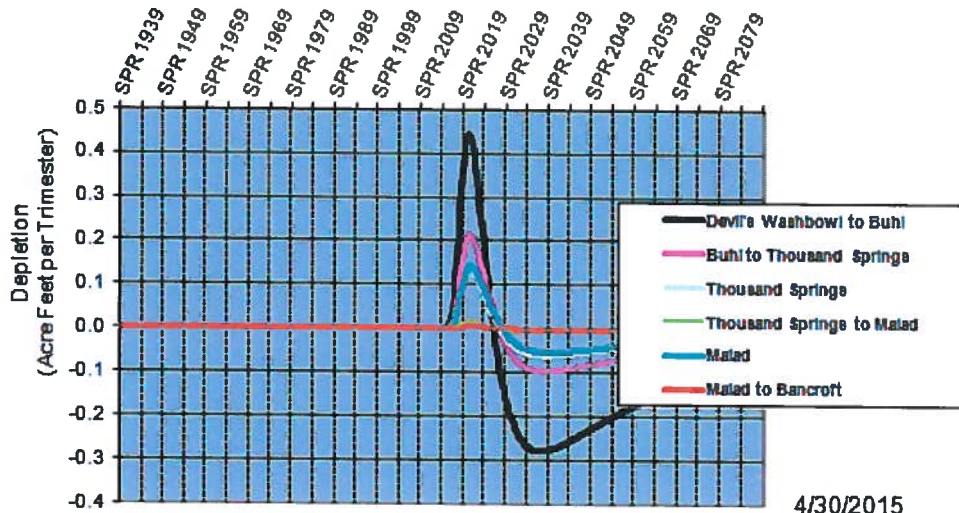


4/30/2015
Version 3.1

Customer Name: Wickel 2015

Transfer No:

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

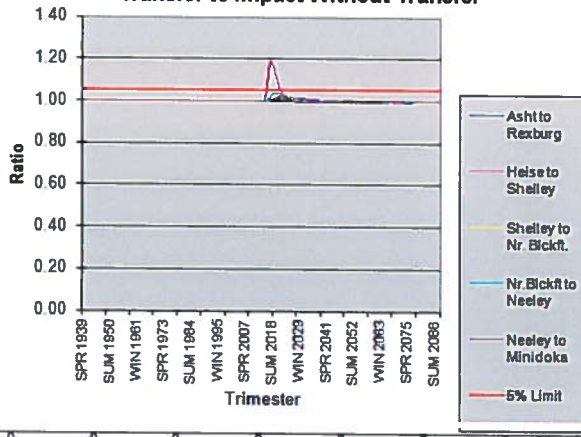


4/30/2015
Version 3.1

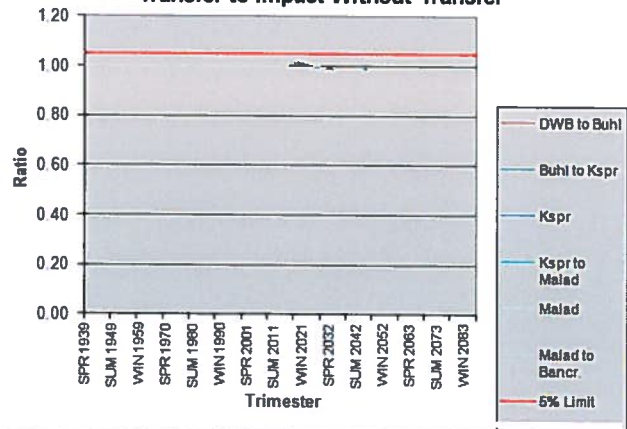
Customer Name: Wickel 2015

Transfer No:

Change Above Milner as Ratio of Impact With Transfer to impact Without Transfer



Change Below Milner as Ratio of Impact With Transfer to impact Without Transfer



VR No	Div Rate (CFS)	Con. Vol (AF)	No of Tr	Priority	POD Location	Dedicated Vol. AFA/ AFT	Model Node
Transfer: Proposed Steady State Impacts following Transfer							
Transfer 1: Worst Case Transient State Impacts following Transfer							
0	0	0	0	1/5/1900	0	0.0	0
0	0	0	0	1/5/1900	0	0.0	0

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr. Bickft	Nr. Bickft to Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Maled	Maled	Maled to Bancroft
1.9	2.2	16.6	58.2	26.5	35.8	13.0	0.2	0.9	7.5	0.3
1.9	2.2	16.5	58.1	26.5	35.7	13.0	0.1	0.9	7.5	0.3
1.9	2.2	16.6	58.2	26.5	35.8	13.0	0.2	0.9	7.5	0.3
1.9	2.2	16.5	58.1	29.1	35.7	13.0	0.1	0.9	7.5	0.3

Steady State Analysis

Mitigation Check 1 - >10% of Historical	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%
Mitigation Check 2 - > 2 AF/T	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total	1.1%	1.3%	9.7%	34.0%	15.5%	20.9%	7.6%	4.8%	0.5%	4.4%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical	-0.3%	-0.2%	-0.2%	-0.2%	9.8%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%
Mitigation Check 2 - > 2.01 AF/T	0.0	0.0	0.0	-0.1	2.6	-0.1	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	-0.1	2.6	-0.1	0.0	0.0	0.0	0.0



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

March 31, 2015

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

Re: Wickel Water Rentals

Dear Mrs. Palmer:

Ardel Wickel desires to rent a total of 130.5 acres of irrigation water for 2015 and 2016. It is proposed to rent 65.5 acres of water from water right 36-4179. Water right 36-4179 is a 100% consumptive industrial water right and therefore a diversion rate of 0.02 cfs/acre and a volume of 4.0 acre feet per acre is proposed to be rented.

It is proposed to rent 65.0 acres from 45-11969 for 2015 and 2016. There is a current rental contract to rent this 65.0 acre to the Wickel Farm. However, this current rental contract is being withdrawn at this time due to curtailed water right issues.

Several permanent transfers are being processed or have recently been approved by the Department to move irrigation water to this farm. This rental application was delayed in its submittal until it was known that the transfers where not be protested and would be processed in a timely manner.

ESPA model analysis for the rental application indicates that no mitigation is required.

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Ardel Wickel
Enc: ESPA Model Analysis, Aerial Map, Rental Application

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

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