



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

WICKEL LAND COMPANY
PO BOX 219
DECLO ID 83323

RE: Expiration of Water Supply Bank Rental Agreement for water rights: 36-4179, 45-11969

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 be 'RB' followed by a long horizontal stroke.

Remington Buyer
Water Supply Bank Coordinator

Enclosures:

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

This is to certify that: **WICKEL LAND COMPANY**
PO BOX 219
DECLO ID 83323
(208) 654-2341

APR 18 2016
DEPARTMENT OF
WATER RESOURCES

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
36-4179	8/9/1959	Ground Water	NA	0.83 cfs	335.0 af	41.6 ac	83.8 ac
Total Annual Limit				NA	335.0 af	41.6 ac	83.8 ac

Annual Rental Totals

0.83 cfs 335.0 af* 41.6 ac 83.8 ac*

*This rental is limited to the irrigation of 41.6 acres and 166.4 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: **\$5,695.00**

The fee for rental of the above-described water is \$5,695.00 per year. Ten percent (\$569.50) will be retained by the Department to offset administrative costs, and the remainder will be paid to the lessor.

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

Detailed water right conditions are attached.

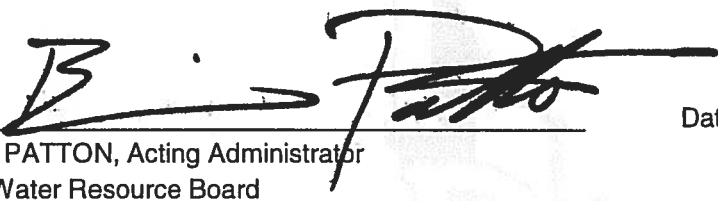
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT

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-Secretary 4/15/16
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  Date 4/20/2016
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Rental Approved by IDWR  Date 4-20-2016

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

3/15 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															18.1	2.4	20.5
10S	25E	20													21.1				21.1

Total Acres: 41.6

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 action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
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. 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, 45-14473, 45-14474 AND 43-2329B.



Effective until December 31, 2016

[illegible]

-  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: Wickel Land Company, LLC

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)

~~45-13998~~~~45-14000~~

36-4179

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Wickel Land Company, LLC

Mailing Address PO BOX 219 DECLO, ID 83323

Street

City

State

Zip Code

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 Consultant

Mailing Address 2016 N Washington St Ste 4 Twin Falls, Idaho 83301

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

2. MAP

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

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

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

Provide addition irrigation water to the farm

- 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)
0.96 CFS	166.2 AF	0.96 CFS	166.2 AF	41.6 AC

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

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

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
4/1/2016	6/1/2016	☐ 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)

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

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

POD Description	Water Source	Other Water Rights Diverted from this POD
See Exhibit A		

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

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

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

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

45-7336, 45-13773, 45-2468, 45-7449, 45-7471, 45-14453, 45-14454, 45-14468, 45-14467, 45-2329B, 45-14474, 45-14473 and 45-14466. To provided need irrigation water for pivots.

MAR 09 2010

DEPARTMENT OF
WATER RESOURCESSTATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

AMENDED

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)
36-4179	Industrial	4.27	1723.1	NA		0.83	166.4	41.6
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	0.83	166.4	41.6
						CFS	AF	AC

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

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

N/A

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

Yes ☒ No ☐

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

Converts Stock and Commercial water to irrigation. Stock and Commercial water is 100% consumptive and 4.0 acre feet per acre are being assigned to the 41.6 acres.

**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)
45-13998	S/C	0.93	119.8	NA		0.85	110.1	41.6
45-14000	S/C	0.48	61.0	NA		0.44	56.1	41.6
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	0.96	166.2	41.6
						CFS	AF	AC

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

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

N/A

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

Yes ☒ No ☐

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

Converts Stock and Commercial water to irrigation. Stock and Commercial water is 100% consumptive and 4.0 acre feet per acre are being assigned to the 41.6 acres.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

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

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

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

- D. Additional Information
None

DECLARATION

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


Signature of Applicant

Jesse Wickel
Printed Name of Applicant

2/17/16
Date


Signature of Representative

Ardel Wickel
Printed Name of Representative

2/17/16
Date

Mail to:

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

Exhibit A
Points of Diversion

1
2
3
4
5
6
7
8
9
10

Township	Range	Sec.	QQQ	QQ	Q	County	Local Name
10S	25E	20		NW	NE	Cassia	
10S	25E	30		SW	NE	Cassia	
10S	25E	30		SW	NE	Cassia	
10S	25E	30		NW	NW	Cassia	
10S	25E	30		NW	NW	Cassia	



0 550 1,100 2,200 Feet

BROCKWAY ENGINEERING PLLC
ALR - Date: 2/26/2016

WICKEL - DECLO FARM
WATER BANK RENTAL 2016 -41.6 ACRES
NAIP 2015 AERIAL PHOTOGRAPH

Legend
● Point of Diversion
■ WSB RENTAL 10S-41.6
□ Proposed PPU
□ Township
□ Section lines
□ CC lines



Mitigation Analysis Period
 Trimester 1 2 Trimester 3

Trimester 1 2 Trimester 3
 Annual Aft (1)

Total Reach Depletion Impacts

AFT:	0.0	0.0	0.0	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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One-Way Analysis of Independent Transfers

Transfer 1:

Rental of 166.4 acre feet to Wickie

100.0% Pre-SS 166.4 AFA 41.6 Acres
 100.0% Post-SS 166.4 AFA 41.6 Acres

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

Transfer: Worst Case Transient State Impacts following Transfer

Impact by Reach (AFT/Trimester)

Ashlon to Reuburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neesley	Neesley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Malad	Malad to Bencroft
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Pre-SS	0.66	1.95	5.86	18.58	1.12	8.83	8.37	3.71	2.34	2.13	0.13
Post-SS	0.66	1.95	5.86	18.56	1.12	8.82	8.37	3.71	2.33	2.13	0.13
Pre-SS	0.66	1.95	5.86	18.58	1.12	8.83	8.37	3.71	2.34	2.13	0.13
Post-SS	0.66	1.95	5.86	18.56	1.12	8.82	8.37	3.71	2.33	2.13	0.13

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	-0.4%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mitigation Check 3 - >10% of Total:	1.2%	3.6%	10.9%	34.6%	2.1%	18.4%	15.6%	6.9%	4.4%	0.2%
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis	Mitigation Check 1 - >10% of Historical:	-0.4%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Reset Me

Transfer 2:

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

Transfer 1: Worst Case Transient State Impacts following Transfer

Impact by Reach (AFT/Trimester)

Ashlon to Reuburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neesley	Neesley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Malad	Malad to Bencroft
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Pre-SS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Post-SS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pre-SS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Post-SS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AFT:	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:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

AMENDED

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

ENTER STARTING DATE FOR SIMULATION. THEN PUSH

TRANSFER NO:

"UPDATE DATES" BUTTON

YEAR

1950

TRANSFER NAME:

SEASON

SPRING

AMENDED

ENTER CELL LOCATIONS:

'TO' CELL

'FROM1' CELL

'FROM2' CELL

'FROM3' CELL

ROW

90

84

COLUMN

61

52

166.4

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1965	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 1966	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 1966	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 1966	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 1967	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 1967	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 1967	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 1968	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 1968	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 1968	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 1969	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 1969	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 1969	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 1970	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 1970	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 1970	0.0	55.5	55.5	0.0	0.0	0.0	0.0

[illegible]

WIN 2003	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2004	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2004	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2004	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2005	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2005	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2005	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2006	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2006	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2006	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2007	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2007	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2007	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2008	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2008	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2008	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2009	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2009	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2009	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2010	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2010	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2010	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2011	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2011	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2011	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2012	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2012	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2012	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2013	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2013	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2013	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2014	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2014	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2014	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2015	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2015	0.0	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2015	0.0	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2016	55.5	0.0	55.5	0.0	0.0	0.0	0.0
SUM 2016	55.5	0.0	55.5	0.0	0.0	0.0	0.0
WIN 2016	55.5	0.0	55.5	0.0	0.0	0.0	0.0
SPR 2017	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2017	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2017	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2018	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2018	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2018	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2019	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2019	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2019	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2020	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2020	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2020	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2021	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2021	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2021	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2022	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2022	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2022	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2023	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2023	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2023	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2024	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2024	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2024	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2025	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2025	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2025	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2026	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2026	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2026	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2027	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2027	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2027	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2028	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2028	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2028	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2029	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2029	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2029	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2030	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2030	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2030	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2031	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2031	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2031	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2032	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2032	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2032	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2033	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2033	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2033	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2034	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2034	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2034	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2035	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SUM 2035	0.0	55.5	55.5	0.0	0.0	0.0	0.0
WIN 2035	0.0	55.5	55.5	0.0	0.0	0.0	0.0
SPR 2036	0.0	55.5	55.5	0.0	0.0	0.0	0.0

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SPR 2069	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2069	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2069	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2070	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2070	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2070	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2071	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2071	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2071	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2072	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2072	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2072	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2073	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2073	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2073	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2074	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2074	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2074	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2075	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2075	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2075	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2076	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2076	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2076	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2077	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2077	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2077	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2078	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2078	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2078	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2079	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2079	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2079	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2080	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2080	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2080	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2081	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2081	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2081	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2082	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2082	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2082	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2083	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2083	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2083	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2084	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2084	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2084	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2085	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2085	0.0		55.5	55.5	0.0	0.0	0.0	0.0
WIN 2085	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SPR 2086	0.0		55.5	55.5	0.0	0.0	0.0	0.0
SUM 2086	0.0		55.5	55.5	0.0	0.0	0.0	0.0

Trimester 1 2 Trimester Annual

Total Reach Depletion Impacts

AFT: 0.0 0.0 0.0 -0.01 0.1 0.0 0.0 0.0 0.0 0.0 0.0

One-Way Analysis of Independent Transfers

Transfer 1 : Rental of 168.2 acre feet to Wickie

100.0% Pre-SS 168.4 AFA 41.8 Acres
100.0% Post-SS 168.4 AFA 41.8 Acres

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

Impact by Reach (AFT/Trimester)										
Ashlon to Reuburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad to Bancroft	
0.41	1.21	3.63	11.51	0.69	6.38	5.81	2.57	1.62	1.47	0.09
0.41	1.21	3.63	11.50	0.69	6.38	5.81	2.57	1.62	1.47	0.09
0.41	1.21	3.63	11.51	0.69	6.38	5.81	2.57	1.62	1.47	0.09
0.41	1.21	3.63	11.50	0.77	6.38	5.81	2.57	1.62	1.47	0.09

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	-0.3%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2 - > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mitigation Check 3 - >10% of Total:	1.2%	3.4%	10.3%	32.5%	1.8%	18.8%	16.4%	4.8%	4.2%	0.3%
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis	Mitigation Check 1 - >10% of Historical:	-0.3%	-0.2%	-0.1%	-0.1%	11.4%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2 - > 2 AFT:	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0

Hand file

Transfer 2 :

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

Impact by Reach (AFT/Trimester)										
Ashlon to Reuburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad to Bancroft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2 - > 2 AFT:	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:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2 - > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SUPERCEDED

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

ENTER STARTING DATE FOR SIMULATION. THEN PUSH

"UPDATE DATES" BUTTON

TRANSFER NO:

YEAR

1950

TRANSFER NAME:

SEASON

SPRING

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	90	91		
COLUMN	61	36		

2/26/1970

110.1

1/7/1975

56.1

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Protected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1951	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1951	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1951	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1952	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1952	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1952	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1953	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1953	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1953	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1954	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1954	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1954	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1955	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1955	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1955	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1956	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1956	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1956	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1957	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1957	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1957	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1958	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1958	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1958	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1959	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1959	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1959	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1960	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1960	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1960	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1961	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1961	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1961	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1962	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1962	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1962	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1963	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1963	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1963	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1964	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1964	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1964	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SPR 1965	0.0	0.0	0.0	18.7	18.7	0.0	0.0
SUM 1965	0.0	0.0	0.0	18.7	18.7	0.0	0.0
WIN 1965	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 1966	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 1966	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 1966	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 1967	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 1967	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 1967	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 1968	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 1968	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 1968	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 1969	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 1969	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 1969	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 1970	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 1970	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 1970	0.0	36.7	36.7	18.7	18.7	0.0	0.0

[illegible]

WIN 2003	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 2004	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 2004	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 2004	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 2005	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 2005	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 2005	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 2006	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 2006	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 2006	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 2007	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SUM 2007	0.0	0.0	36.7	18.7	18.7	0.0	0.0
WIN 2007	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SPR 2008	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SUM 2008	0.0	0.0	36.7	18.7	18.7	0.0	0.0
WIN 2008	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SPR 2009	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SUM 2009	0.0	0.0	36.7	18.7	18.7	0.0	0.0
WIN 2009	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SPR 2010	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SUM 2010	0.0	0.0	36.7	18.7	18.7	0.0	0.0
WIN 2010	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SPR 2011	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SUM 2011	0.0	0.0	36.7	18.7	18.7	0.0	0.0
WIN 2011	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SPR 2012	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SUM 2012	0.0	0.0	36.7	18.7	18.7	0.0	0.0
WIN 2012	0.0	0.0	36.7	18.7	18.7	0.0	0.0
SPR 2013	0.0	0.0	36.7	0.0	18.7	0.0	0.0
SUM 2013	0.0	0.0	36.7	0.0	18.7	0.0	0.0
WIN 2013	0.0	0.0	36.7	0.0	18.7	0.0	0.0
SPR 2014	0.0	0.0	36.7	0.0	18.7	0.0	0.0
SUM 2014	0.0	0.0	36.7	0.0	18.7	0.0	0.0
WIN 2014	0.0	0.0	36.7	0.0	18.7	0.0	0.0
SPR 2015	0.0	0.0	36.7	0.0	18.7	0.0	0.0
SUM 2015	0.0	0.0	36.7	0.0	18.7	0.0	0.0
WIN 2015	0.0	0.0	36.7	0.0	18.7	0.0	0.0
SPR 2016	55.4	0.0	36.7	0.0	18.7	0.0	0.0
SUM 2016	55.4	0.0	36.7	0.0	18.7	0.0	0.0
WIN 2016	55.4	0.0	36.7	0.0	18.7	0.0	0.0
SPR 2017	55.4	0.0	36.7	0.0	18.7	0.0	0.0
SUM 2017	55.4	0.0	36.7	0.0	18.7	0.0	0.0
WIN 2017	55.4	0.0	36.7	0.0	18.7	0.0	0.0
SPR 2018	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 2018	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 2018	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 2019	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 2019	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 2019	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 2020	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 2020	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 2020	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SPR 2021	0.0	36.7	36.7	18.7	18.7	0.0	0.0
SUM 2021	0.0	36.7	36.7	18.7	18.7	0.0	0.0
WIN 2021	0.0	36.7	36.7	18.7	18.7	0.0	0

[illegible]



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

April 21, 2016

GARY SPACKMAN

Director

WICKEL LAND COMPANY
PO BOX 219
DECLO ID 83323

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO. 36-4179**

Dear Renter:

Please find enclosed a receipt in the amount of **\$5,695.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 335.0 acre-feet of water for irrigation of 83.8 acres during 2016. 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 \$5,125.50 of the rental fee will be paid to the lessor(s) and 10% or \$569.50 will be retained by the Department to offset administrative costs.

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

Sincerely,

Clay Webster
Water Resource Agent
WSB Process Point of Contact

Enclosures: Receipt No. C101875
Rental Agreement (copy)

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



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

April 5, 2016

WICKEL LAND COMPANY
PO BOX 219
DECLO ID 83323

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO. 36-4179**

*****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 \$5,695.00 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 335.00 acre-feet.

Please send a check for \$5,695.00 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing. Pursuant to the Water Supply Bank Rules, 90% or \$5,125.50 of the rental fee will be paid to the lessor(s) and 10% or \$569.50 will be retained by the Department to offset administrative costs.

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

Sincerely,

 Clay Webster
Water Resource Agent
WSB Process Point of Contact

Enclosure

c: IDWR Front Desk
Greg Sullivan-Brockway Engineering PLLC

Webster, Clay

From: Merritt, Allen
Sent: Thursday, March 31, 2016 8:17 AM
To: Webster, Clay
Subject: RE: Region and Watermaster comments on WSB Rental for Wickel Land Company LLC 36-4179

I guess I have no issue. Please note that Wickel provided thru Brockway Engineering a 206 map for 2016 for the various rights involved recent transfers. Reference: \\a012\DocsData\$\WATERRIGHTS\45\DMALINE\nfnc01 .PDF

You might not want to stack rental water on these identified acres.

From: Webster, Clay
Sent: Wednesday, March 30, 2016 12:27 PM
To: Merritt, Allen; brian@waterwellconsultants.com
Subject: Region and Watermaster comments on WSB Rental for Wickel Land Company LLC 36-4179

Allen and Brian,

We are currently processing this rental. 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)

Merritt, Allen

From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Wednesday, March 09, 2016 7:57 AM
To: Merritt, Allen
Subject: Ardel Wickel POU Shapes
Attachments: POU_2016.dbf; POU_2016.prj; POU_2016.sbn; POU_2016.sbx; POU_2016.shp; POU_2016.shx; Declo Farm 2016 POU.jpg

Allen,

See attached map and shape files.

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

ATTACHMENT = 2016 PLACE OF USE MAP FOR WICKEL - DECLO FARM:

45-2329B
45-14466
45-14467
45-14468
45-14473
45-14474

MEMORANDUM

To: Water Right 36-4179
From: Clay Webster
Date: 3/30/16
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: The department received an application to rent 45-13998 and 45-14000 to irrigate an additional 41.6 acres from Brockway Engineering for the Wickel Land Co LLC on February 29, 2016.

Upon review the department found that the water rights that were requested were not available for rental. The applicant was sent a deficiency letter on 3/4/2016. New modeling and an amended page 4 of the application was received on 3/9/2016.

The original application was for 2 years, However, the water right proposed is only leased through the 2016 season. Therefore, this rental can only be approved for one year.

AUTHORITY TO FILE: The Application was signed by Jesse and Ardel Wickel. They are both listed as partners of the Wickel Land Company, LLC on the Idaho SOS web site.

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. Portions of this right are being rented to Boise Packaging & Newsprint LLC, two rentals for Global Ag Properties USA LLC, two rentals for JR Simplot Co., and one already for Wickel Land Company. There will still be 0.78 cfs and 154.5 af of this right available for rent. However this lease will end at the end of 2016.

INJURY TO OTHER WATER RIGHTS: ESPA Modeling was provided by the consultant. They showed the leased well as idled for the entire lease period for this rental. I ran the model with the leased (from) well idled for the rental period only as per model instructions located on the WSB webpage. No mitigation is required.

ENLARGEMENT OF USE: In order to get the requested rate of 0.83 cfs, the applicant will need to rent additional volume (335.0 af) to keep the leased right proportionate. No other enlargement concerns are noted.

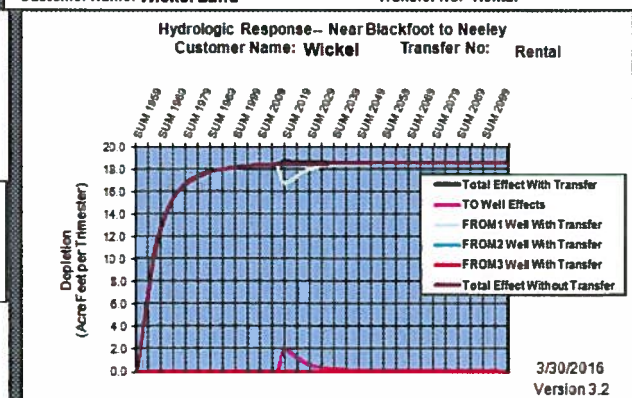
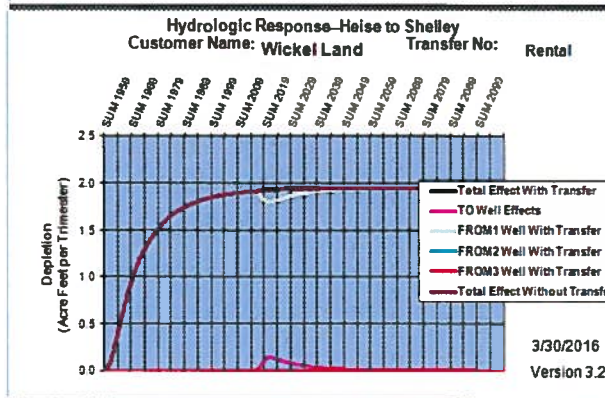
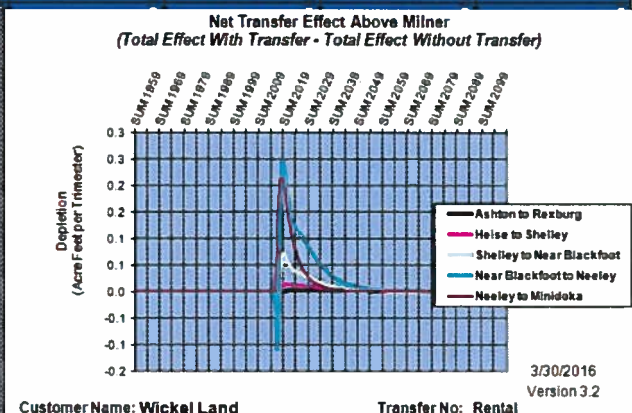
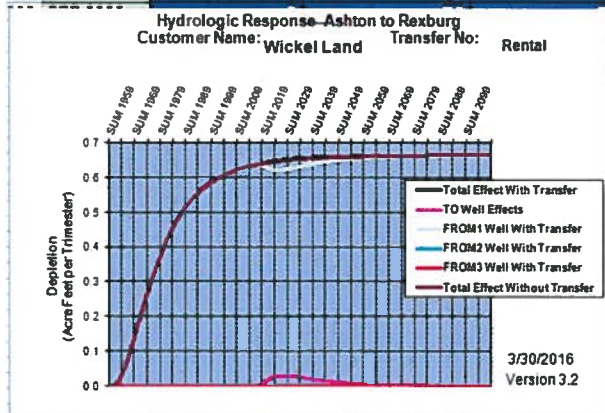
LOCAL PUBLIC INTEREST: Review staff has no information to suggest this application is inconsistent with the local public interest.

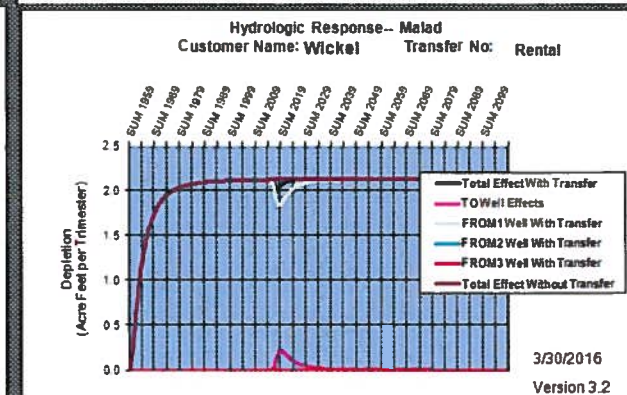
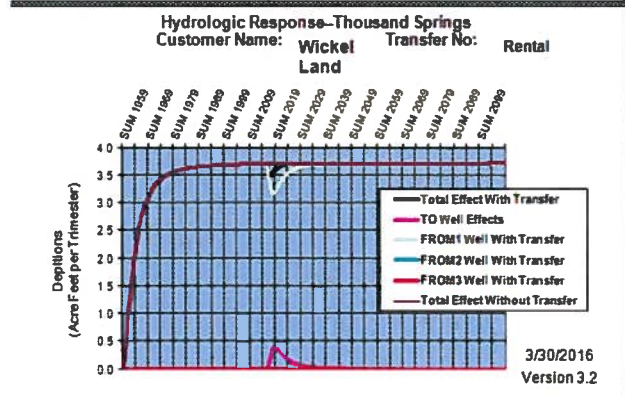
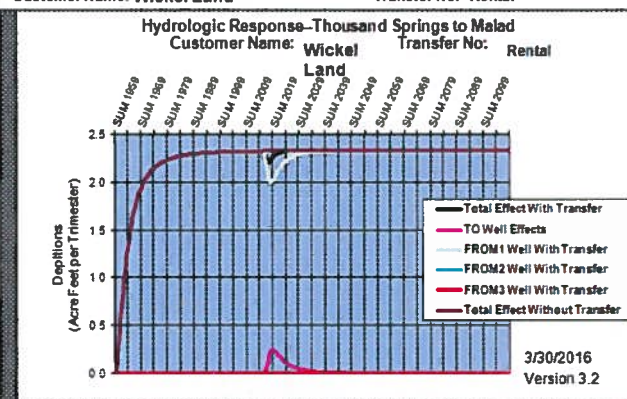
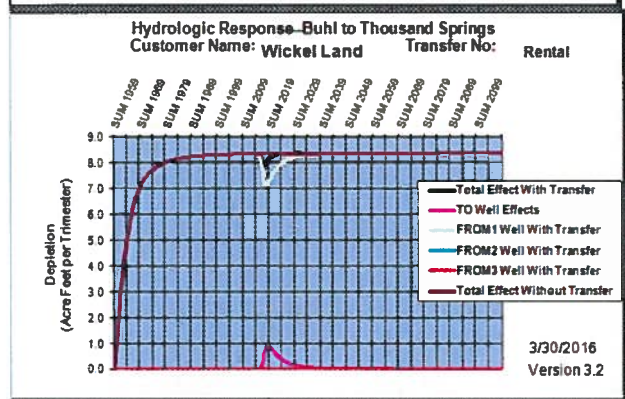
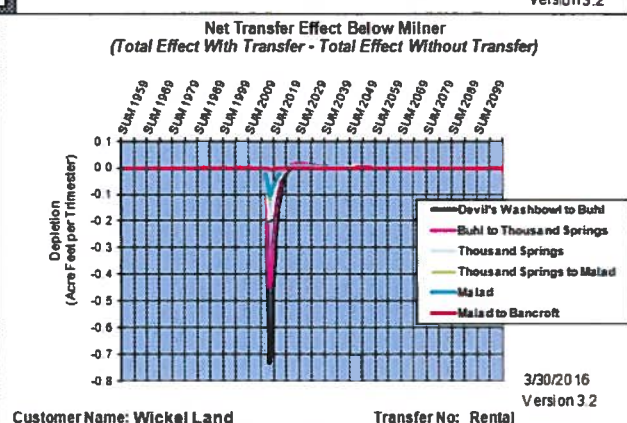
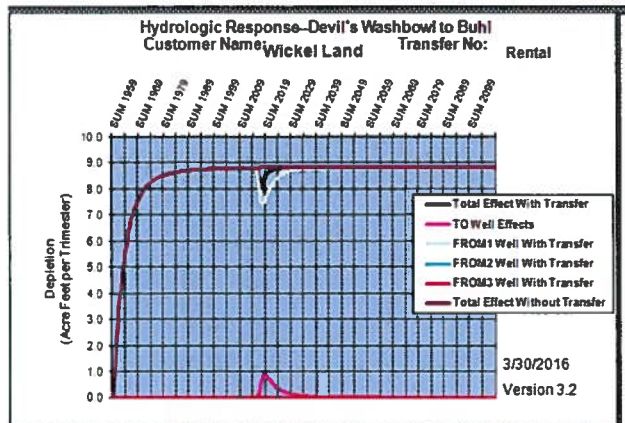
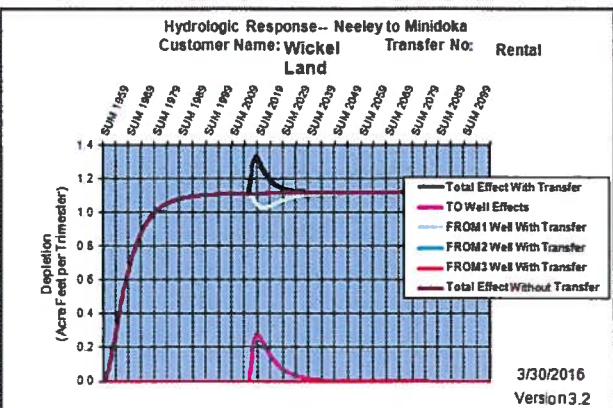
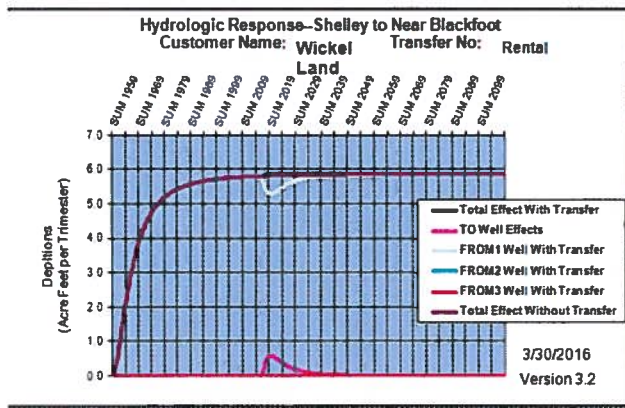
BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The location for the rental PD is subject to Water District # 140.

	A	B	C	D	E	F	G	H	
1	ENHANCED GROUND-WATER RIGHTS TRANSFER								
2	UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE						IDAHO DEPARTMENT OF AGRICULTURE		
3									
4	Cells this color are set up for user entries			UPDATE DATES		RUN MODEL		GET OUTPUT	
5				CALCULATE EFFECTS					
6									
7	ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON								
8	TRANSFER NO: Rental 2016								
9	YEAR: 1959			TRANSFER NAME: Wickel Land					
10	SEASON: SUMMER								
11									
12									
13	ENTER CELL LOCATIONS:								
14		TO' CELL	FROM1' CELL	FROM2' CELL	FROM3' CELL				
15	ROW	90	84						
16	COLUMN	61	52						
17									
18	TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	
21	SUM 1959	0	56	56	0	0	0	0	
22	WIN 1959	0	56	56	0	0	0	0	
23	SPR 1960	0	56	56	0	0	0	0	
24	SUM 1960	0	56	56	0	0	0	0	
25	WIN 1960	0	56	56	0	0	0	0	
26	SPR 1961	0	56	56	0	0	0	0	
27	SUM 1961	0	56	56	0	0	0	0	
28	WIN 1961	0	56	56	0	0	0	0	
29	SPR 1962	0	56	56	0	0	0	0	
30	SUM 1962	0	56	56	0	0	0	0	
31	WIN 1962	0	56	56	0	0	0	0	
32	SPR 1963	0	56	56	0	0	0	0	
33	SUM 1963	0	56	56	0	0	0	0	
34	WIN 1963	0	56	56	0	0	0	0	
35	SPR 1964	0	56	56	0	0	0	0	
36	SUM 1964	0	56	56	0	0	0	0	
37	WIN 1964	0	56	56	0	0	0	0	
38	SPR 1965	0	56	56	0	0	0	0	
39	SUM 1965	0	56	56	0	0	0	0	
40	WIN 1965	0	56	56	0	0	0	0	
41	SPR 1966	0	56	56	0	0	0	0	
42	SUM 1966	0	56	56	0	0	0	0	
43	WIN 1966	0	56	56	0	0	0	0	
44	SPR 1967	0	56	56	0	0	0	0	
45	SUM 1967	0	56	56	0	0	0	0	

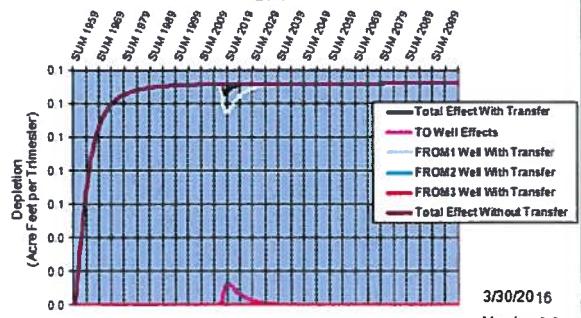
175	WIN 2010	0	56	56	0	0	0	0
176	SPR 2011	0	56	56	0	0	0	0
177	SUM 2011	0	56	56	0	0	0	0
178	WIN 2011	0	56	56	0	0	0	0
179	SPR 2012	0	56	56	0	0	0	0
180	SUM 2012	0	56	56	0	0	0	0
181	WIN 2012	0	56	56	0	0	0	0
182	SPR 2013	0	56	56	0	0	0	0
183	SUM 2013	0	56	56	0	0	0	0
184	WIN 2013	0	56	56	0	0	0	0
185	SPR 2014	0	56	56	0	0	0	0
186	SUM 2014	0	56	56	0	0	0	0
187	WIN 2014	0	56	56	0	0	0	0
188	SPR 2015	0	56	56	0	0	0	0
189	SUM 2015	0	56	56	0	0	0	0
190	WIN 2015	0	56	56	0	0	0	0
191	SPR 2016	56	0	56	0	0	0	0
192	SUM 2016	56	0	56	0	0	0	0
193	WIN 2016	56	0	56	0	0	0	0
194	SPR 2017	0	56	56	0	0	0	0
195	SUM 2017	0	56	56	0	0	0	0
196	WIN 2017	0	56	56	0	0	0	0
197	SPR 2018	0	56	56	0	0	0	0
198	SUM 2018	0	56	56	0	0	0	0
199	WIN 2018	0	56	56	0	0	0	0
200	SPR 2019	0	56	56	0	0	0	0
201	SUM 2019	0	56	56	0	0	0	0
202	WIN 2019	0	56	56	0	0	0	0





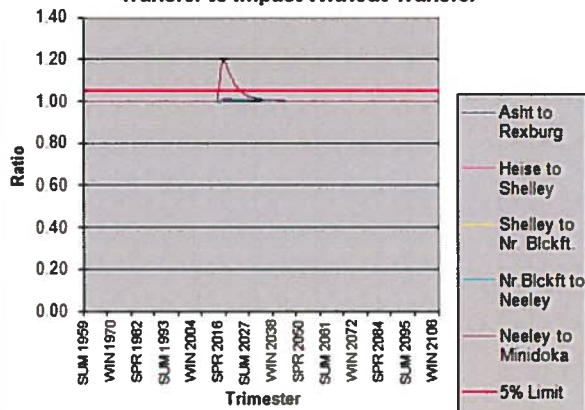
Hydrologic Response-- Malad to Bancroft

Customer Name: Wickel Transfer No: Rental

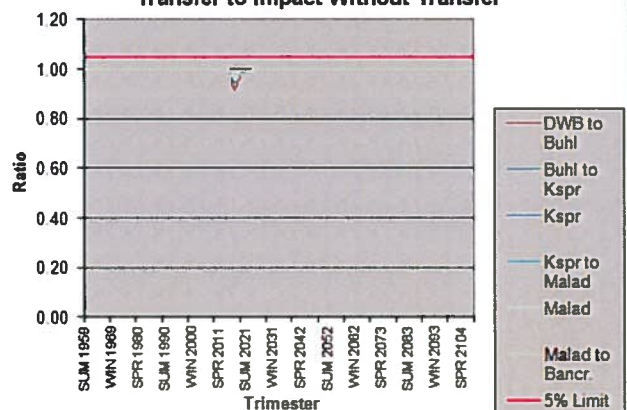


3/30/2016
Version 3.2

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



Mitigation Analysis Period
Trimester

One-Way Analysis of Independent Transfers

New Water Right (GModelo):

WR No	Div Rate (CFS)	Con Vol (AF/yr)	No of Irr Acres	Priority Date	POD Location	Dedicated Vol AF/yr AFT	Model Name
Transfer 1: Proposed Steady State Impacts following Transfer							
777	777	275.6	68.9	1/1/1960	SS20E-3	275.6	SP062075
777	777	275.6	68.9	1/1/1960	SS20E-3	275.6	SP060066
Transfer 1: Worst Case Transient State Impacts following Transfer							
777	777	275.6	68.9	1/1/1960	SS20E-3	275.6	SP062075
777	777	275.6	68.9	1/1/1960	SS20E-3	275.6	SP060066

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft to Neeley	Neeley to Minidoka	Der. Vbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
0.67	1.96	5.87	18.61	1.12	8.83	8.38	3.71	2.34	2.13	0.13
0.67	1.96	5.87	18.61	1.12	8.83	8.38	3.71	2.34	2.13	0.13
0.67	1.96	5.87	18.61	1.12	8.83	8.38	3.71	2.34	2.13	0.13
0.67	1.96	5.88	18.68	1.33	8.83	8.38	3.71	2.34	2.13	0.13

Steady State Analysis

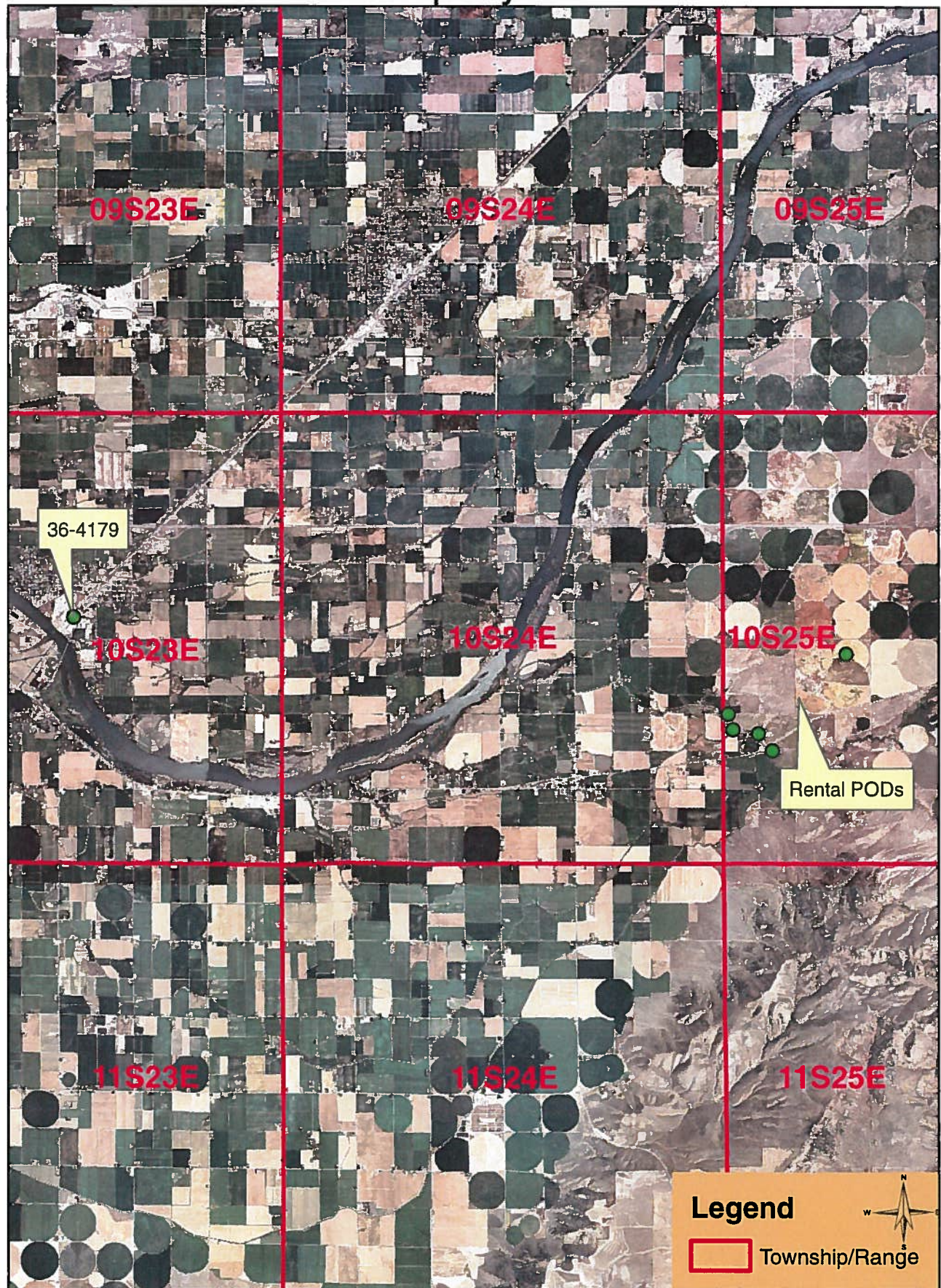
Mitigation Check 1 - >10% of historical	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2 - > 2 AF/Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total	1.2%	3.6%	10.9%	34.6%	2.1%	16.4%	15.6%	6.9%	4.3%	4.6%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of historical	0.0%	0.0%	0.2%	0.4%	16.6%	0.2%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2 - > 2.01 AF/Tr	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0

Read Me

Wickel Land Company LLC Rental 2016





BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED

MAR 09 2016

DEPARTMENT OF
WATER RESOURCES

March 7, 2016

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

Re: Wickel Water Rentals

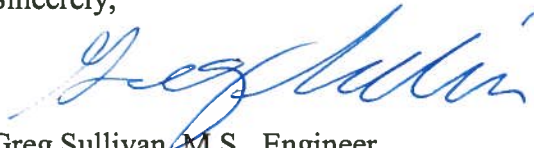
Dear Mrs. Palmer:

Wickel Land Company desired to rent 41.6 acres of water from water rights 45-13998 and 45-14000. However, the Water Supply Bank has assigned these two water rights to an earlier submitted rental application.

It is now proposed to rent 41.6 acres from water right 36-4179. Wickel Land Company is already renting a portion of 36-4179. The 41.6 acres will provide additional water to the farm that is needed for the 2016 irrigation season.

The ESPA model analysis of the 41.6 acres from 36-4179 indicate that no mitigation is required for this rental.

Sincerely,



Greg Sullivan, M.S., Engineer

Cc: Ardel Wickel
Enc: ESPA Model Analysis, Rental Application Page 4

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



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

March 4, 2016

WICKEL LAND COMPANY LLC
PO BOX 219
DECLO ID 83323

RE: Water Supply Bank Rental Request

Dear Mr. Wickel,

The Idaho Department of Water Resources (IDWR) conducted a cursory review of your application to rent water from the Water Supply Bank (Bank) from 2016 through 2017.

Your rental application, as proposed, cannot be processed at this time. The point of this letter is to notify you of the deficiencies and give you the opportunity to complete your application.

Your rental request cannot be processed for the following reasons:

- Water rights 45-13998 and 45-14000 are not available for rental as they have already been committed to other renters. You must find replacement water rights.

I will place your application on hold while you submit your additional information. Please provide the required information within 14 days.

If sufficient information per this letter is not received within 14 days, your application will not be processed and will be returned to you.

Please contact me if you have questions regarding this matter at (208) 287-4944.

Sincerely,

Water Rights Supervisor
Water Allocation Bureau

cc: Greg Sullivan-Brockway Engineering; sent via email



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