

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

RECEIVED

APR 03 2017

WATER SUPPLY BANK RENTAL AGREEMENT NO. 137 DEPARTMENT OF WATER RESOURCES

This is to certify that:

WICKEL LAND COMPANY, LLP  
PO BOX 219  
DECLO, ID 83323

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

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
36-4179	8/9/1959	GROUND WATER	2.22	896.0	(224.0)	(0.01)	(4.0)
<b>Rental Totals</b>			<b>2.22</b>	<b>896.0</b>	<b>(224.0)</b>	<b>(0.01)</b>	<b>(4.0)</b>

**Term of Rental:** This rental shall take effect when all parties have signed it and shall continue in effect until December 31, 2021.

**Annual Rental Fee:**

2017:	\$15,232.00
2018:	\$17,920.00
2019:	\$17,920.00
2020:	\$17,920.00
2021:	\$17,920.00

The full fee for the rental of the above-described right(s) is \$15,232.00 for 2017 and \$17,920.00 per year for 2018 - 2021. The rental fee includes an administrative fee of \$1,523.20 for 2017 and \$1,792.00 per year for years 2018 - 2021.

An annual payment shall be received by the Department on or before December 31 each year preceding the use of the rented water rights. The agreement will be void if payment is not received by the due date in a given year. Rental fees are non-refundable. To voluntarily terminate the agreement early, notify the Department in writing prior to the rental fee due date.

Total Water Use Authorized Under Rental Agreement No. 137

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate/Acre (CFS/AC)	Volume/Acre (AF/AC)
IRRIGATION	2.22	*591.0	*148.2	0.015	4.0
<b>Combined Total</b>	<b>2.22</b>	<b>*591.0</b>	<b>*148.2</b>	<b>0.015</b>	<b>4.0</b>

*\* The authorized water usage reflects a change from the water right elements rented to account for consolidation of the rate and a change in the nature of use.*

Detailed water right conditions are attached.

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

**WATER SUPPLY BANK RENTAL AGREEMENT NO. 137**

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

3/31/17  
Date

Jesse Wickel  
Printed Name

Secretary  
Title

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

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

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

Date 4/4/2017

Rental approved by IDWR *J. Wickel*

Date 4-4-2017



10. Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
11. 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.
12. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 140.
13. This rental when combined with all other rights shall provide no more than 4.0 afa per acre at the field headgate.
14. The following rights are also diverted through point 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 45-23298.
15. A map depicting the place of use boundary for this water right at the time of this approval is attached to this document for illustrative purposes.
16. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.





STATE OF IDAHO  
WATER RESOURCE BOARD

RECEIVED  
JAN 31 2017  
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](http://www.idwr.idaho.gov).

Checked All Items as Either Attached (Yes) or Not Applicable (N/A)		
	YES	
	<input checked="" type="checkbox"/>	Completed <i>Application to Rent Water from the Board's Water Supply Bank</i>
Attachment	N/A	YES
2	<input checked="" type="checkbox"/>	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	<input type="checkbox"/>	<input checked="" type="checkbox"/> Detailed information on a proposed use of rental water
3E	<input checked="" type="checkbox"/>	<input type="checkbox"/> Authorization from the owner/operator of the rental point(s) of diversion
3G	<input type="checkbox"/>	<input checked="" type="checkbox"/> Water modeling to account for the impacts of the rental request
3J	<input checked="" type="checkbox"/>	<input type="checkbox"/> Documents justifying a need to rent water for irrigation at a rate of flow greater than 0.02 cfs/acre
3K	<input checked="" type="checkbox"/>	<input type="checkbox"/> Authorization from the owner/operator of the property at the proposed rental place(s) of use
4B	<input type="checkbox"/>	<input checked="" type="checkbox"/> Explanation of how the rental water will sufficiently accomplish your rental purposes
4C	<input type="checkbox"/>	<input checked="" type="checkbox"/> Explanation of consumptive use amounts for water rights experiencing a change in nature of use

Department Use Only - Proposed Water Right(s)
36-4179

MB

**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)
2.96 CFS	592.8 AF	2.96 CFS	592.8 AF	148.2 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?
5/1/2017	10/1/2017	5	<input checked="" type="checkbox"/> Yes, approve rental for all remaining future years. <input type="checkbox"/> 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 Exhibit A								

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																38	32.9	17.2	37.8	125.9
		20	4.2	4.6			5.6		4.5				3.4									22.3
Total Acres (for Irrigation)																				148.2		

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

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	2.96	592.8	148.2	
<b>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</b>								<b>TOTAL</b>	2.96 CFS	592.8 AF	148.2 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.

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 36-4179 because 36-4179 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

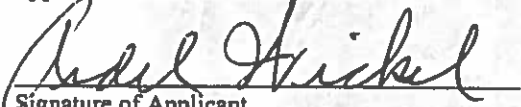
If yes, describe: Two transfer application were recently approved by IDWR and two addition transfers have been submitted to IDWR.

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.

  
Signature of Applicant

Ardel Wickel  
Printed Name of Applicant

1/27/17  
Date

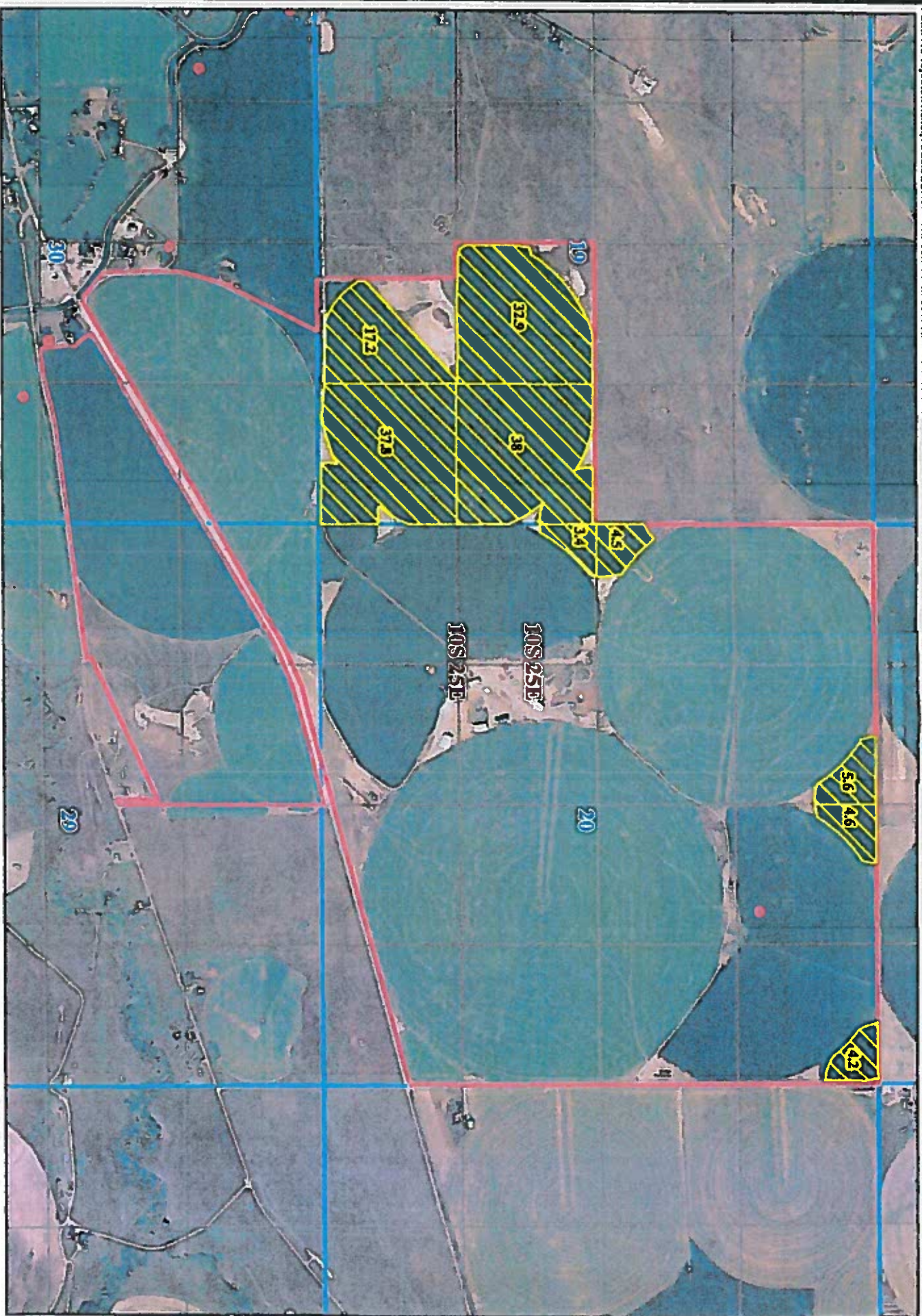
\_\_\_\_\_  
Signature of Representative

\_\_\_\_\_  
Printed Name of Representative

\_\_\_\_\_  
Date

Mail to:

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



BROCKWAY ENGINEERING PLLC  
 GWS - Date: 1/25/2017

**WICKEL - DECLIO FARM**  
**WATER SUPPLY BANK RENTAL 2017**  
**NAIP 2015 AERIAL PHOTOGRAPH**

- Legend**
- Points of Diversion
  - PPU
  - ▨ WSB RENTAL 2017





# ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF WATER RESOURCES

Cells this color are set up for user entries

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

TRANSFER NO:

YEAR

TRANSFER NAME:

SEASON

SPRING

ENTER CELL LOCATIONS:

TO' CELL

FROM1' CELL

FROM2' CELL

FROM3' CELL

148.2

592.8

ROW

70

81

COLUMN

61

62

TRIMESTER OF ACTIVITY	TO WELL		FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Protected Use	With Transfer	Without Transfer	With Transfer	Without Transfer	With Transfer	Without Transfer	
SPR 1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1990	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1990	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1990	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1991	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1991	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1991	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1992	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1992	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1992	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1993	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1993	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1993	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1994	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1994	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1994	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1995	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1995	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1995	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1996	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1996	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1996	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1997	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1997	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1997	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1998	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1998	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1998	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 1999	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 1999	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 1999	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 2000	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 2000	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 2000	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SPR 2001	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
SUM 2001	0.0	197.0	197.0	0.0	0.0	0.0	0.0	
WIN 2001	0.0	197.0	197.0	0.0	0.0	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 (AF/Transfer)

Action in Reach	Head to Stream	Stream to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head
1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
2	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
4	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
6	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
8	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
10	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
12	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
14	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
16	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
18	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
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

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.

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

Impact by Reach (AF/Transfer)

Action in Reach	Head to Stream	Stream to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head
1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
2	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
4	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
6	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
8	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
10	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
12	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
14	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
16	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
18	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
20	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Evaluation of Permanent Mitigation Effects (non-use, reserve, etc.) in Addition to Off-Setting Transfer Benefits (Steady State Evaluation Only)

Set Aside 1 (Non-Use/Deactivation):

WR No.	Dr. Rate (CFS)	Con. Vol. (AF)	No. of Tr. Acre	Priority Date	FOO Location	Depletion Vol. (AF)	AF/AF	Water

Non-Use: Proposed Steady State Impacts following Change

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

Impact by Reach (AF/Transfer)

Action in Reach	Head to Stream	Stream to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head
1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
2	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
4	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
6	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
8	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
10	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
12	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
14	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
16	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
18	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
20	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Summary:

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

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)

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

Impact by Reach (AF/Transfer)

Action in Reach	Head to Stream	Stream to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head
Total 1-Way Transfer Depletions:	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Effects:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary:	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

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

Impact by Reach (AF/Transfer)

Action in Reach	Head to Stream	Stream to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head	Head to Head
Total 1-Way Transfer Depletions:	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Effects:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary:	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0











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](http://www.idwr.idaho.gov)

C.L. "BUTCH" OTTER  
Governor

GARY SPACKMAN  
Director

April 5, 2017

WICKEL LAND COMPANY LLP  
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 **\$15,232.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 896.0 acre-feet of water for irrigation of 148.2 acres during 2017. 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 \$13,708.80 of the rental fee will be paid to the lessor(s) and 10% or \$1,523.20 will be retained by the Department to offset administrative costs.

If you have any questions, please contact this office at (208) 287-4800.

Sincerely,

  
& Water Supply Bank

Enclosures: Receipt No. C103322  
Rental Agreement (copy)

c: Sascha Marston – Fiscal  
Corey Skinner – IDWR Southern Regional Office  
Nathan Erickson – State Water District No. 130  
Greg Sullivan – Brockway Engineering



State of Idaho

**DEPARTMENT OF WATER RESOURCES**

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C.L. "BUTCH" OTTER  
Governor

GARY SPACKMAN  
Director

March 23, 2017

WICKEL LAND COMPANY LLP  
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 \$15,232.00 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 896.0 acre-feet. An annual payment shall be received by the Department prior to the execution of this agreement and prior to January 1 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.

**Please send a check for \$15,232.00** 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 \$13,708.80 of the rental fee will be paid to the lessor(s) and 10% or \$1,523.20 will be retained by the Department to offset administrative costs.

If you have any questions, please contact this office at (208) 287-4800.

Sincerely,

*JS* Water Supply Bank

Enclosure

c: IDWR Front Desk  
Greg Sullivan - Brockway Engineering PLLC

## MEMORANDUM

**To:** Right(s) 36-4179

**From:** Michele Edl

**Date:** March 21, 2017

**Re:** Review & Analysis of Wickel Land Company's Application to Rent Water from the State Water Supply Bank

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**PURPOSE/NARRATIVE:** On January 31, 2017, Greg Sullivan (engineer, Brockway Engineering) submitted an application to rent water from the State Water Supply Bank on behalf of the Ardel Wickel Company. The application proposes to rent a portion of Water Right 36-4179 for five irrigation seasons beginning in 2017.

**AUTHORITY TO FILE:** According to available Cassia County taxlot information, the proposed place-of-use is property owned by the applicant. The proposed POD is a well located within the applicant's property. It is WMIS well #401809 and is the authorized POD for several other water rights owned by the Wickel Land Company.

Wickel Land Company, LLP is listed with IDSOS as #J2236. Ardel W. Wickel is listed as the registered agent and he signed the application.

**WATER RIGHT VALIDITY:** The lease of Right 36-4179 has been recently renewed for 2017-2021.

A sufficient quantity of the right appears to be available to rent.

**INJURY TO OTHER WATER RIGHTS:** No injury is anticipated. Greg Sullivan provided modeling of the Wickel rental's impact on the ESPA and found that no additional mitigation was needed. That modeling used the original rental application volume. In discussions with Greg Sullivan and his client, the rate and volume for the rental were reduced. I reviewed the model run and I did not request re-modeling. I agree that modeling indicates no additional mitigation was needed for the slightly higher volume originally requested. Therefore a smaller volume will also not require mitigation.

**ENLARGEMENT OF USE:** No enlargement is anticipated. Water Right 36-4179 is for industrial use and was leased into the bank as a fully consumptive right. The leased water and the rental request do not have the same NOU. However, elements of the leased right have been determined for rentals proposing irrigation use.

The renter requested and justified a rental flowrate of 0.015 cfs/ac. Because the nominal cfs/ac associated with the leased right is also less than the standard, the rental will authorize the lower rate requested. Other elements of the actual rental use have been made proportional. However, because of the rate to volume ratio in the leased right, the renter will be required to rent considerably more volume than he will be authorized to use.

**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 rental use is subject to Water District 140. Neither the watermaster nor Southern Region are opposed to the rental.



## Edl, Michele

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**From:** Skinner, Corey  
**Sent:** Monday, March 20, 2017 8:40 AM  
**To:** Edl, Michele  
**Subject:** RE: request for comment on Wickel WSB rental

No issues from me on this one.

**From:** Edl, Michele  
**Sent:** Friday, March 17, 2017 6:15 PM  
**To:** Skinner, Corey <Corey.Skinner@idwr.idaho.gov>  
**Cc:** Erickson, Nathan <Nathan.Erickson@idwr.idaho.gov>  
**Subject:** request for comment on Wickel WSB rental

Corey,

I believe that I have missed Nathan. I spoke to him earlier about a different water issue and understand that he is on vacation as of noon. Does he have a deputy?

I have completed the review of Wickel Land Company's rental request for irrigation of 148.2 acres beginning 2017 through 2021. Wickel Land Co will be concentrating the leased water from 0.01 cfs/ac to 0.015 cfs/ac for application to fields under several pivots. ESPA modeling was provided by Greg Sullivan and it checks out. I have attached a copy of my memo and a map of the rental POU and POD and the lease POU so you have an idea of the relationship.

When you get a minute, let me know if you have any concerns.

Michele

## Edl, Michele

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**From:** Greg Sullivan <greg.sullivan@brockwayeng.com>  
**Sent:** Friday, March 17, 2017 1:16 PM  
**To:** Edl, Michele  
**Subject:** RE: Wickel

Michele,

The adjusted numbers look good. Please proceed with processing the Wickel's rental application.

Thank you,

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

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**From:** Edl, Michele [mailto:Michele.Edl@idwr.idaho.gov]  
**Sent:** Friday, March 17, 2017 12:30 PM  
**To:** Greg Sullivan <greg.sullivan@brockwayeng.com>  
**Subject:** RE: Wickel

Greg Sullivan,  
I am completing the review memo and attachments for Wickel Land's rental request for 2017-2021.

The WSB agrees that Mr. Wickel can beneficially use less than the standard cfs/ac under his pivots. Based on our recent discussions, the rate and volume for the rental request have been adjusted. They no longer match the rental request that you and Mr. Wickel submitted in January.

This morning my calculations yielded 2.22 cfs (0.015 cfs/ac) and 591.0 AF (4.0 AF/ac) for 148.2 acres.

Please confirm that those amounts will be acceptable.

Thank you  
Michele Edl  
208-287-4946

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**From:** Greg Sullivan [mailto:greg.sullivan@brockwayeng.com]  
**Sent:** Wednesday, March 15, 2017 3:51 PM  
**To:** Edl, Michele <Michele.Edl@idwr.idaho.gov>  
**Subject:** Wickel

Greg Sullivan  
Brockway Engineering  
2016 North Washington Street, Suite 4  
Twin Falls, Idaho 83301