



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

JTK LLC
106 SHIRLEY
AMERICAN FALLS ID 83211

RE: Expiration of Water Supply Bank Rental Agreement for water rights: 35-14040, 35-14292, 43-13595, 43-13597

Renter,

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

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'RB', followed by a horizontal line.

Remington Buyer
Water Supply Bank Coordinator

Enclosures:

DEPARTMENT OF
WATER RESOURCES

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

Detailed water right conditions are attached.

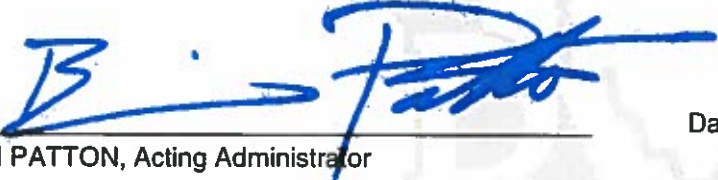
The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

 Thomas Kress/partner 2/12/16
Signature of Renter Printed Name and Title* Date

Signature of Renter Printed Name and Title* Date

*Please provide title of signatory if signing on behalf of a company or organization or with power of attorney

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

By  Date 2/29/2016
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Rental Approved by IDWR  Date 2-29-2016

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

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NW¼SE¼SE¼ Sec. 7 Twp 09S Rge 29E Power County

BENEFICIAL USE

IRRIGATION

SEASON OF USE

04/01 TO 10/31

RENTER'S PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
09S	29E	7				34.0									34.0	34.0		38.0	140.0

Total Acres: 140.0

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. The right holder shall install and maintain acceptable measuring device at the authorized point of diversion in accordance with Department specifications.
12. This rental agreement does not authorize the construction of a well.

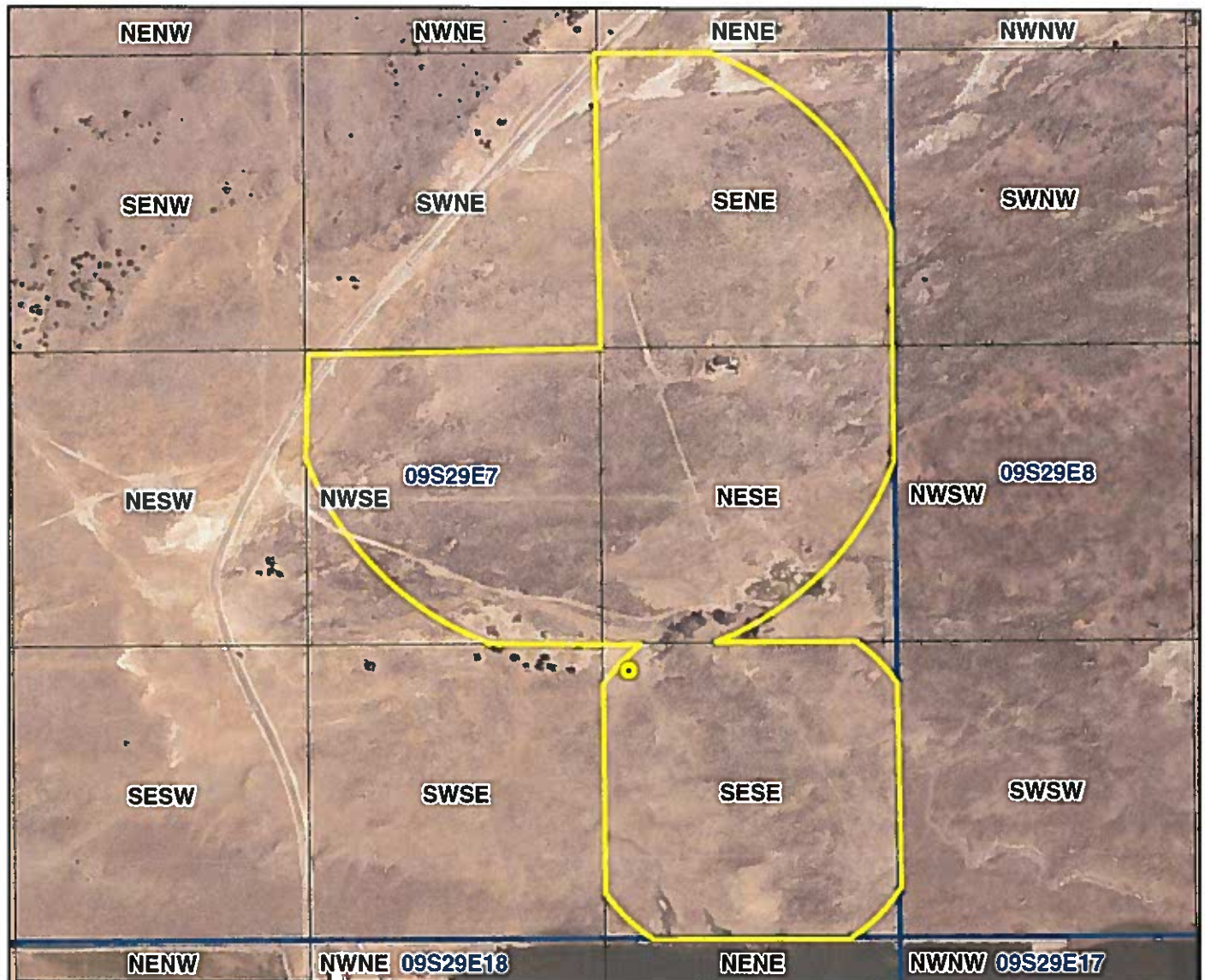
13. This rental when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
14. Use of water under this agreement will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.
15. The following rights are diverted through point(s) of diversion described above: 35-14292.



Idaho Water Resource Board Water Supply Bank Rental Agreement

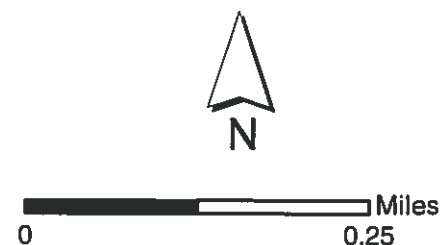
Effective until December 31, 2016

This map depicts the **rental place of use** pursuant to the rental agreement and is attached to the agreement solely for illustrative purposes.



2013 USDA-FSA Aerial Photography

-  Authorized Rental Point of Diversion
-  Authorized Rental Place of Use
-  Townships
-  PLS Sections
-  Quarter Quarters



STATE OF IDAHO
WATER RESOURCE BOARD

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SEP 23 2015

DEPARTMENT OF
WATER RESOURCES

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

Applicant Name: JTK LLCIs this application being submitted with a lease application as a lease/rental package? Yes ☐ No ☒

An *Application to Rent Water from the Board's Water Supply Bank* must be completed in accordance with the minimum requirement checklist below to be acceptable for processing by the Idaho Department of Water Resources (IDWR). This checklist is part of the rental application and must be included with the rental application. Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.

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

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

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

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

YES

☒ Completed *Application to Rent Water from the Board's 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 |
| 3E | ☐ | ☒ | Authorization from the owner/operator of the rental point(s) of diversion |
| 3G | ☐ | ☒ | Water modeling to account for the impacts of the rental request |
| 3J | ☒ | ☐ | Documents justifying a need to rent water for irrigation at a rate of flow greater than 0.02 cfs/acre |
| 3K | ☐ | ☒ | Authorization from the owner/operator of the property at the proposed rental place(s) of use |
| 4B | ☐ | ☒ | Explanation of how the rental water will sufficiently accomplish your rental purposes |
| 4C | ☒ | ☐ | Explanation of consumptive use amounts for water rights experiencing a change in nature of use |

Department Use Only – Proposed Water Right(s)

35-14292

35-14040

43-13595

43-13597

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant JTK LLC

Mailing Address 106 Shirley American Falls, Idaho 83211

Email Address _____ Phone Number 208-221-2766

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 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**:

The purpose of the rental is to provide irrigation water to 140.0 acres for the 2016 irrigation season. Existing well, mainlines and delivery systems have been installed.

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)
2.8 CFS	560 AF	2.8 CFS	560 AF	140 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?	
4/01/2016	10/1/2016	1	☒ Yes, approve rental for all remaining future years.	☐ No, return rental request if first year is unapprovable.

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

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

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

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

Water Source	TWP	RGE	SEC	¼	¼	¼	County	Other water rights for the same purpose diverted from this POD
Ground Water	09S	29E	7	NW	SE	SE	Power County	

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	
09S	29E	7				34									35	34		37	140
The entry in this grid must match the map from item 2 on the application.																			Total Acres (for irrigation)
																			140

- 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 well, mainlines and delivery system.

STATE OF IDAHO
WATER RESOURCE BOARD

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Application to Rent Water (Continued)

DEPARTMENT OF
WATER RESOURCES

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:
35-14292

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)								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)
35-14292	Irrigation	Ground Water	2.25	560	140	2015	2016	2.16	431.6	107.9
35-14040	Irrigation	Ground Water	0.47	190	47.5	2008	2016	0.32	128.4	32.1
43-13595	Irrigation	Ground Water	5.0	1209.6	302.4	1995	2020	0.15	36.2	9.1
43-13597	Irrigation	Ground Water	0.89	580.4	145.1	1995	2020	0.03	17.4	4.3
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre that have been leased to the Water Supply Bank								TOTAL	2.52 CFS	560 AF 140 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

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:
35-14292

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)
35-14292	Irrigation	Ground Water	2.25	560	140	2015	2016		2.16	431.6	107.9
35-14040	Irrigation	Ground Water	0.47	190	47.5	2008	2016		0.32	128.4	32.1
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre that have been leased to the Water Supply Bank								TOTAL	2.48 CFS	560 AF	140 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

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:

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 right 35-14292 is owned by the applicant but a portion of 35-14292 has been contracted for rental to Houghland Farms. 2016 will be the last year a rental will be required for this 140.0 acres.

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

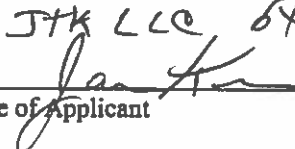
If yes, describe: _____

- 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.

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.

JTK LLC 04


Signature of Applicant

Jason Kross

Printed Name of Applicant

9/15/15

Date

Signature of Representative

Printed Name of Representative

Date

Mail to:

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

State of Idaho
Department of Water Resources

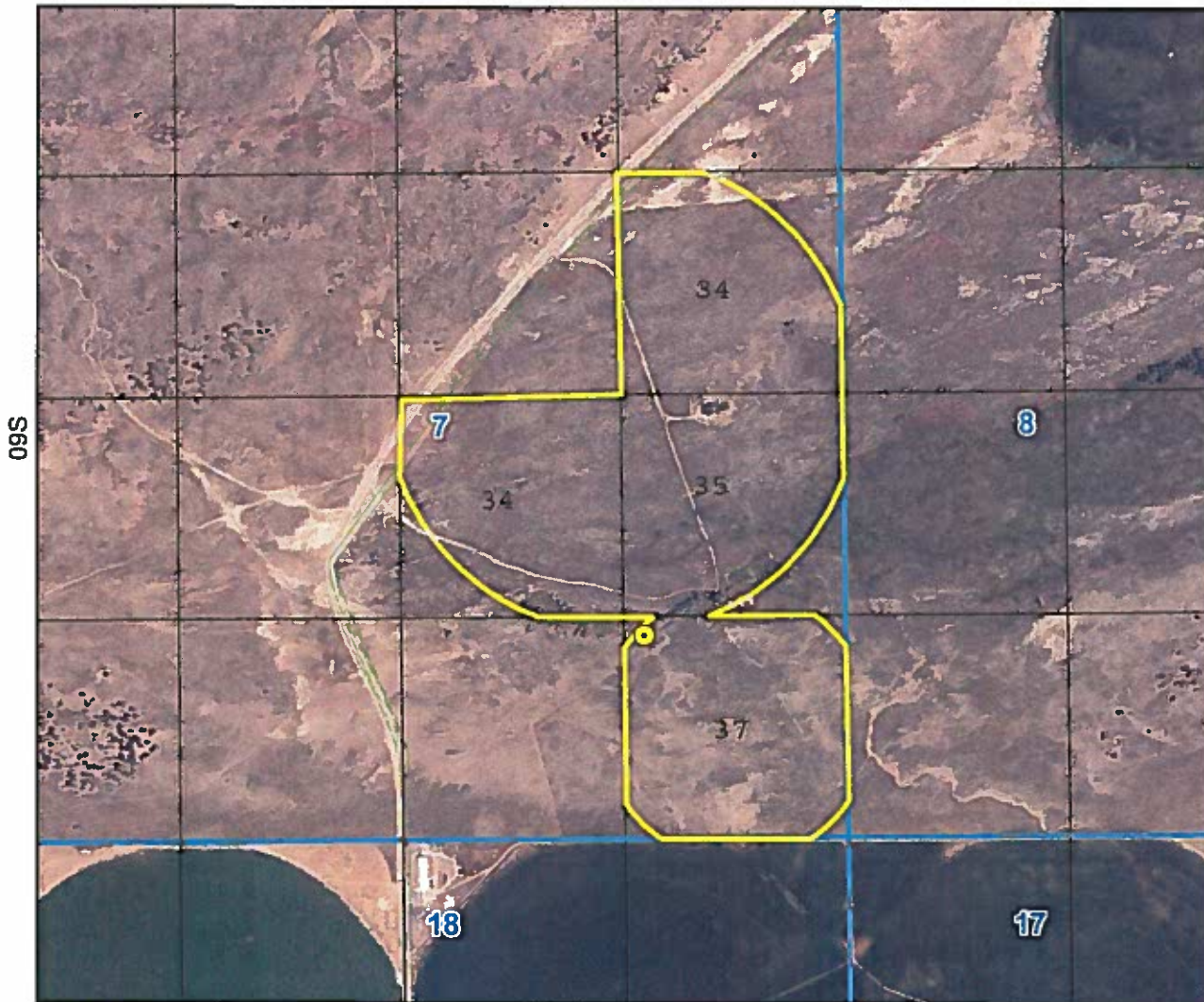
Water Right

~~95-14292~~ 2016 Rental

IRRIGATION

The map depicts the place of use for the water use listed above and point(s) of diversion of this right as currently derived from interpretations of the paper records and is used solely for illustrative purposes. Discrepancies between the computer representation and the permanent document file will be resolved in favor of the actual water right documents in the water right file.

29E



● Point of Diversion

Place Of Use Boundary

Townships

PLS Sections

Quarter Quarters

Taxlots

0 0.125 0.25 0.5 Miles



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FEB 02 2016

DEPARTMENT OF
WATER RESOURCES

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

Cells this color are
set up for user entries

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

YEAR
SEASON

TRANSFER NO:

TRANSFER NAME:

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL	
ROW	96	96	66	92	
COLUMN	84	84	128	71	

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	5.5	5.5	5.5	5.5
WIN 1962	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1963	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1963	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1963	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1964	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1964	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1964	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1965	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1965	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1965	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1966	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1966	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1966	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1967	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1967	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1967	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1968	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1968	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1968	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1969	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1969	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1969	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SPR 1970	0.0	0.0	0.0	5.5	5.5	5.5	5.5
SUM 1970	0.0	0.0	0.0	5.5	5.5	5.5	5.5
WIN 1970	0.0	0.0	0.0	5.5	5.5	5.5	5.5

SPR 1971	0.0		0.0	0.0	0.0	0.0	0.0	0.0
SUM 1971	0.0		0.0	0.0	0.0	0.0	0.0	0.0
WIN 1971	0.0		0.0	0.0	0.0	0.0	0.0	0.0
SPR 1972	0.0		0.0	0.0	0.0	0.0	0.0	0.0
SUM 1972	0.0		0.0	0.0	0.0	0.0	0.0	0.0
WIN 1972	0.0		0.0	0.0	0.0	0.0	0.0	0.0
SPR 1973	0.0		143.9	143.9	6.8	6.8	6.8	6.8
SUM 1973	0.0		143.9	143.9	6.8	6.8	6.8	6.8
WIN 1973	0.0		143.9	143.9	6.8	6.8	6.8	6.8
SPR 1974	0.0		143.9	143.9	6.8	6.8	6.8	6.8
SUM 1974	0.0		143.9	143.9	6.8	6.8	6.8	6.8
WIN 1974	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SPR 1975	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SUM 1975	0.0		143.9	143.9	30.7	30.7	6.8	6.8
WIN 1975	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SPR 1976	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SUM 1976	0.0		143.9	143.9	30.7	30.7	6.8	6.8
WIN 1976	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SPR 1977	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SUM 1977	0.0		143.9	143.9	30.7	30.7	6.8	6.8
WIN 1977	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SPR 1978	0.0		143.9	143.9	30.7	30.7	6.8	6.8
SUM 1978	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1978	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1979	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1979	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1979	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1980	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1980	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1980	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1981	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1981	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1981	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1982	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1982	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1982	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1983	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1983	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1983	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1984	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1984	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1984	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1985	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1985	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1985	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1986	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1986	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1986	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1987	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1987	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1987	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1988	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1988	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1988	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1989	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1989	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1989	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1990	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1990	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1990	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1991	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1991	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1991	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1992	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1992	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1992	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1993	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1993	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1993	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1994	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1994	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1994	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1995	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SUM 1995	0.0		143.9	143.9	30.7	30.7	17.9	17.9
WIN 1995	0.0		143.9	143.9	30.7	30.7	17.9	17.9
SPR 1996	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 1996	0.0		143.9	143.9	30.7	30.7	0.0	17.9
WIN 1996	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SPR 1997	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 1997	0.0		143.9	143.9	30.7	30.7	0.0	17.9
WIN 1997	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SPR 1998	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 1998	0.0		143.9	143.9	30.7	30.7	0.0	17.9
WIN 1998	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SPR 1999	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 1999	0.0		143.9	143.9	30.7	30.7	0.0	17.9
WIN 1999	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SPR 2000	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 2000	0.0		143.9	143.9	30.7	30.7	0.0	17.9
WIN 2000	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SPR 2001	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 2001	0.0		143.9	143.9	30.7	30.7	0.0	17.9
WIN 2001	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SPR 2002	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 2002	0.0		143.9	143.9	30.7	30.7	0.0	17.9
WIN 2002	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SPR 2003	0.0		143.9	143.9	30.7	30.7	0.0	17.9
SUM 2003	0.0		143.9	143.9	30.7	30.7	0.0	17.9

WIN 2003	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SPR 2004	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SUM 2004	0.0	143.9	143.9	30.7	30.7	0.0	17.9
WIN 2004	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SPR 2005	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SUM 2005	0.0	143.9	143.9	30.7	30.7	0.0	17.9
WIN 2005	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SPR 2006	0.0	0.0	143.9	30.7	30.7	0.0	17.9
SUM 2006	0.0	0.0	143.9	30.7	30.7	0.0	17.9
WIN 2006	0.0	0.0	143.9	30.7	30.7	0.0	17.9
SPR 2007	0.0	0.0	143.9	30.7	30.7	0.0	17.9
SUM 2007	0.0	0.0	143.9	30.7	30.7	0.0	17.9
WIN 2007	0.0	0.0	143.9	30.7	30.7	0.0	17.9
SPR 2008	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2008	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2008	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2009	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2009	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2009	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2010	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2010	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2010	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2011	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2011	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2011	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2012	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2012	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2012	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2013	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2013	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2013	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2014	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2014	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2014	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2015	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2015	0.0	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2015	0.0	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2016	191.3	0.0	143.9	0.0	30.7	0.0	17.9
SUM 2016	191.3	0.0	143.9	0.0	30.7	0.0	17.9
WIN 2016	191.3	0.0	143.9	0.0	30.7	0.0	17.9
SPR 2017	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SUM 2017	0.0	143.9	143.9	30.7	30.7	0.0	17.9
WIN 2017	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SPR 2018	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SUM 2018	0.0	143.9	143.9	30.7	30.7	0.0	17.9
WIN 2018	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SPR 2019	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SUM 2019	0.0	143.9	143.9	30.7	30.7	0.0	17.9
WIN 2019	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SPR 2020	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SUM 2020	0.0	143.9	143.9	30.7	30.7	0.0	17.9
WIN 2020	0.0	143.9	143.9	30.7	30.7	0.0	17.9
SPR 2021	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2021	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2021	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2022	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2022	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2022	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2023	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2023	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2023	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2024	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2024	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2024	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2025	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2025	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2025	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2026	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2026	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2026	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2027	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2027	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2027	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2028	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2028	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2028	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2029	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2029	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2029	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2030	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2030	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2030	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2031	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2031	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2031	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2032	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2032	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2032	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2033	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2033	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2033	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2034	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2034	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2034	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2035	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SUM 2035	0.0	143.9	143.9	30.7	30.7	17.9	17.9
WIN 2035	0.0	143.9	143.9	30.7	30.7	17.9	17.9
SPR 2036	0.0	143.9	143.9	30.7	30.7	17.9	17.9

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DEPARTMENT OF
WATER RESOURCES

Mitigation Analysis Period

Trimester	1	2	Trimester)
Annual			AFT)

Total Reach Depletion Impacts

AFT:

0.0	0.0	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
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One-Way Analysis of Independent Transfers

Transfer 1:

Foster Rental 2018

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

100.0%	Pre-SS	560.0 AFA	140.0 Acres
100.0%	Post-SS	560.0 AFA	140.0 Acres

Impact by Reach (AFT/Trimester)

Aspen to	Horse to	Shelby to	Ne Bickel to	Neoley to	Dev. Vbl. To	Buhl to	1000 Spr	1000 Spr to	Mead	Mead to
Reenburg	Shelby	Ne Bickel	Neoley	Minnesota	Buhl	1000 Spr	1000 Spr to	Mead	Mead to	Bancroft
2.83	6.43	25.48	81.38	32.53	12.10	13.63	8.05	3.82	3.48	0.22
2.82	6.41	25.47	81.28	32.53	12.10	13.62	8.05	3.81	3.48	0.22
2.83	6.43	25.48	81.38	32.53	12.10	13.63	8.05	3.82	3.48	0.22
2.82	6.41	25.47	81.28	32.53	12.10	13.62	8.05	3.81	3.48	0.22

Steady State Analysis

Mitigation Check 1 - > 10% of Historical	-0.4%	-0.2%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Mitigation Check 2 - > 2 AFT	0.0	0.0	0.0	-0.1	0.0	-0.01	0.0	0.0	0.0	0.0
Mitigation Check 3 - > 10% of Total	1.5%	4.6%	13.4%	42.3%	17.1%	8.4%	7.2%	3.2%	2.8%	0.1%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	-0.1	0.0	-0.01	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%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Mitigation Check 2 - > 2 AFT	0.0	0.0	0.0	-0.1	0.0	-0.01	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	0.0	-0.01	0.0	0.0	0.0	0.0

New Line

Transfer 2:

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

100.0%	Pre-SS	180.0 AFA	40.0 Acres
100.0%	Post-SS	180.0 AFA	40.0 Acres

Impact by Reach (AFT/Trimester)

Aspen to	Horse to	Shelby to	Ne Bickel to	Neoley to	Dev. Vbl. To	Buhl to	1000 Spr	1000 Spr to	Mead	Mead to
Reenburg	Shelby	Ne Bickel	Neoley	Minnesota	Buhl	1000 Spr	1000 Spr to	Mead	Mead to	Bancroft
0.80	6.78	6.70	18.85	0.10	0.31	0.35	0.15	0.10	0.08	0.01
0.80	6.78	6.68	18.64	0.10	0.31	0.35	0.15	0.10	0.08	0.01
0.80	6.78	6.70	18.85	0.10	0.31	0.35	0.15	0.10	0.08	0.01
0.80	6.78	6.68	18.64	0.10	0.31	0.37	0.16	0.10	0.08	0.01

Steady State Analysis

Mitigation Check 1 - > 10% of Historical	-0.2%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
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	1.8%	21.2%	21.9%	82.3%	0.3%	1.0%	1.1%	0.5%	0.3%	0.0%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - > 10% of Historical	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.4%	0.3%	1.3%	-0.1%
Mitigation Check 2 - > 2 AFT	0.0	0.0	0.0	0.0	0.0	0.01	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	0.01	0.0	0.0	0.0	0.0

FEB 02 2016

DEPARTMENT OF
WATER RESOURCES

Evaluation of Overall Mitigation Requirements per reach Steady State and Transient State, and Off-Setting Benefits (Sum of reach debts 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 (AP/Treemeter)									
Action to Reach	House to Shoalby	Shoalby to He Br Bl	He Br Bl to Hawley	Hawley to Mud Lake	Dev Vldt to Burl	Burl to 1000 Spr	1000 Spr to Maled	Maled to Benevol	
1	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
3	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
5	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
7	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
9	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
11	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
13	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
15	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
17	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
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	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 (A/F/Triester))										
Ashesto Resburg	Home to Shelby	Shelby to Hr Bluff	Hr Bluff to Mealey	Mealey to Mudspoke	Dev Yabr to Buhl	To 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Meadel	Meadel	Meadel to Barnum
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 Efforts (non-use, storage consolidation) In Addition to Off-Betting Transfer Benefits - Steady State Evaluation Only

Set Aside 1 (Non-Use/Designation).

Wtr No.	Dis. Rate (CFS)	Can. Vol. (AFt)	No. of yr. Agres.	Priority Date	POD Location	Dedicated Vol. AFt/AFT	Model Needs
Non-Use: Proposed Steady State Impacts following Change							
Non-Use 1: Worst Case Transient State Impacts following Change							

500/1100

Impact by Reach (AST estimator)

[illegible]

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

Steady State Summary of Modified Stream Depletions Following Transfer(s)											
Impact by Reach (A/F/T)(mmecider)											
	Action to Reachburg	Hose to Shelley	Shelley to Hr Bluff	Hr Bluff to Neely	Neely to Mudlake	Dwr. Vblt. Buhl	To Burns to 1000 Spr.	1000 Spr. to 1000 Spr.	Maldred to Maldred	Maldred to Overgaard	
Total 1-Way Transfer Depletions	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total Mitigation Efforts	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 (A/F/T)(mmecider)											
	Action to Reachburg	Hose to Shelley	Shelley to Hr Bluff	Hr Bluff to Neely	Neely to Mudlake	Dwr. Vblt. Buhl	Burns to 1000 Spr.	1000 Spr. to 1000 Spr.	Maldred to Maldred	Maldred to Overgaard	
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 Efforts	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	

[illegible]

Evaluation of overall mitigation requirements per reach steady state and transient state, and Off-Setting Benefits (Sum of reach credits only where mitigation is required and credits)

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

Impact by Reach (AFT/Transfer)

	Ashion to Rimbung	Hesse to Shelley	Shelley to Hr Back	Hr Back to Hessley	Hessley to Minnesota	Dev Wgt To Buhl	Buhl to 1000 Spr	1000 Spr to Mated	Mated to Mated	Mated to Bancroft
1	0.0	0.0	0.0	0.0	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
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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.

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

Impact by Reach (AFT/Transfer)

	Ashion to Rimbung	Hesse to Shelley	Shelley to Hr Back	Hr Back to Hessley	Hessley to Minnesota	Dev Wgt To Buhl	Buhl to 1000 Spr	1000 Spr to Mated	Mated to Mated	Mated to Bancroft
1	0.0	0.0	0.0	0.0	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
Summary	0.0	0.0	0.0	0.0	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.

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

Set Aside 1 (Non-Use/Dedication):

WR No.	Dev Rate (CFS)	Con. Vol (AF/A)	No. of Ir. Acres	Priority Date	POD Location	Dedicated Vol. AF/A AFT	Mode Node
Non-Use: Proposed Steady State Impacts following Change							

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

Worst Case

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

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

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

Impact by Reach (AFT/Transfer)

	Ashion to Rimbung	Hesse to Shelley	Shelley to Hr Back	Hr Back to Hessley	Hessley to Minnesota	Dev Wgt To Buhl	Buhl to 1000 Spr	1000 Spr to Mated	Mated to Mated	Mated to Bancroft
Total 1-Way Transfer Depletions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Credits	0.0	0.0	0.0	0.0	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 (AFT/Transfer)

	Ashion to Rimbung	Hesse to Shelley	Shelley to Hr Back	Hr Back to Hessley	Hessley to Minnesota	Dev Wgt To Buhl	Buhl to 1000 Spr	1000 Spr to Mated	Mated to Mated	Mated to Bancroft
Total 1-Way Transfer Depletions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transfers with Credits	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SUPERSEDED

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPT

Cells this color are
set up for user entries

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

TRANSFER NO:

YEAR
SEASON

1950

TRANSFER NAME:

140

35-14292

431.6 AFA

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	96	96	66	
COLUMN	84	84	128	

35-14040

128.4 AFA

TRIMESTER OF ACTIVITY	TO WELL Protected Use AFTRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AFTRIMESTER	Without Transfer AFTRIMESTER	With Transfer AFTRIMESTER	Without Transfer AFTRIMESTER	With Transfer AFTRIMESTER	Without Transfer AFTRIMESTER
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	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1973	0.0	143.9	143.9	0.0	0.0	0.0	0.0
SUM 1973	0.0	143.9	143.9	0.0	0.0	0.0	0.0
WIN 1973	0.0	143.9	143.9	0.0	0.0	0.0	0.0
SPR 1974	0.0	143.9	143.9	0.0	0.0	0.0	0.0
SUM 1974	0.0	143.9	143.9	0.0	0.0	0.0	0.0
WIN 1974	0.0	143.9	143.9	42.8	42.8	0.0	0.0

ENHANCED GROUND-WATER RIGHTS TRANSFER

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

YEAR
SEASON

TRANSFER NO:

TRANSFER NAME:

1950

140

35-14292

431.6 AFA

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	96	96	66	
COLUMN	84	84	128	

35-14040

128.4 AFA

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 1975	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1975	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1975	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1976	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1976	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1976	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1977	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1977	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1977	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1978	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1978	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1978	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1979	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1979	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1979	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1980	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1980	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1980	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1981	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1981	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1981	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1982	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1982	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1982	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1983	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1983	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1983	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1984	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1984	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1984	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1985	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1985	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1985	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1986	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1986	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1986	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1987	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1987	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1987	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1988	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1988	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1988	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1989	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1989	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1989	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1990	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1990	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1990	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1991	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1991	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1991	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1992	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1992	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1992	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1993	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1993	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1993	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1994	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1994	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1994	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1995	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1995	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1995	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1996	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1996	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1996	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1997	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1997	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1997	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1998	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1998	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1998	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 1999	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 1999	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 1999	0.0	143.9	143.9	42.8	42.8	0.0	0.0

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SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON
YEAR 1960
SEASON

TRANSFER NO:

TRANSFER NAME:

140

35-14292

431.6 AFA

ENTER CELL LOCATIONS:

	TO CELL	FROM1 CELL	FROM2 CELL	FROM3 CELL
ROW	96	96	66	
COLUMN	84	84	128	

35-14040

128.4 AFA

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 2000	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2000	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2000	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2001	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2001	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2001	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2002	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2002	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2002	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2003	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2003	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2003	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2004	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2004	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2004	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2005	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2005	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2005	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2006	0.0	0.0	143.9	42.8	42.8	0.0	0.0
SUM 2006	0.0	0.0	143.9	42.8	42.8	0.0	0.0
WIN 2006	0.0	0.0	143.9	42.8	42.8	0.0	0.0
SPR 2007	0.0	0.0	143.9	42.8	42.8	0.0	0.0
SUM 2007	0.0	0.0	143.9	42.8	42.8	0.0	0.0
WIN 2007	0.0	0.0	143.9	42.8	42.8	0.0	0.0
SPR 2008	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2008	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2008	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2009	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2009	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2009	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2010	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2010	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2010	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2011	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2011	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2011	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2012	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2012	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2012	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2013	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2013	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2013	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2014	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2014	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2014	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2015	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2015	0.0	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2015	0.0	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2016	186.7	0.0	143.9	0.0	42.8	0.0	0.0
SUM 2016	186.7	0.0	143.9	0.0	42.8	0.0	0.0
WIN 2016	186.7	0.0	143.9	0.0	42.8	0.0	0.0
SPR 2017	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2017	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2017	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2018	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2018	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2018	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2019	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2019	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2019	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2020	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2020	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2020	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2021	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2021	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2021	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2022	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2022	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2022	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2023	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2023	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2023	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2024	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2024	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2024	0.0	143.9	143.9	42.8	42.8	0.0	0.0

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SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON

TRANSFER NO:

YEAR 1950
SEASON

TRANSFER NAME:

140

35-14292

431.6 AFA

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	96	96	66	
COLUMN	84	84	128	

35-14040

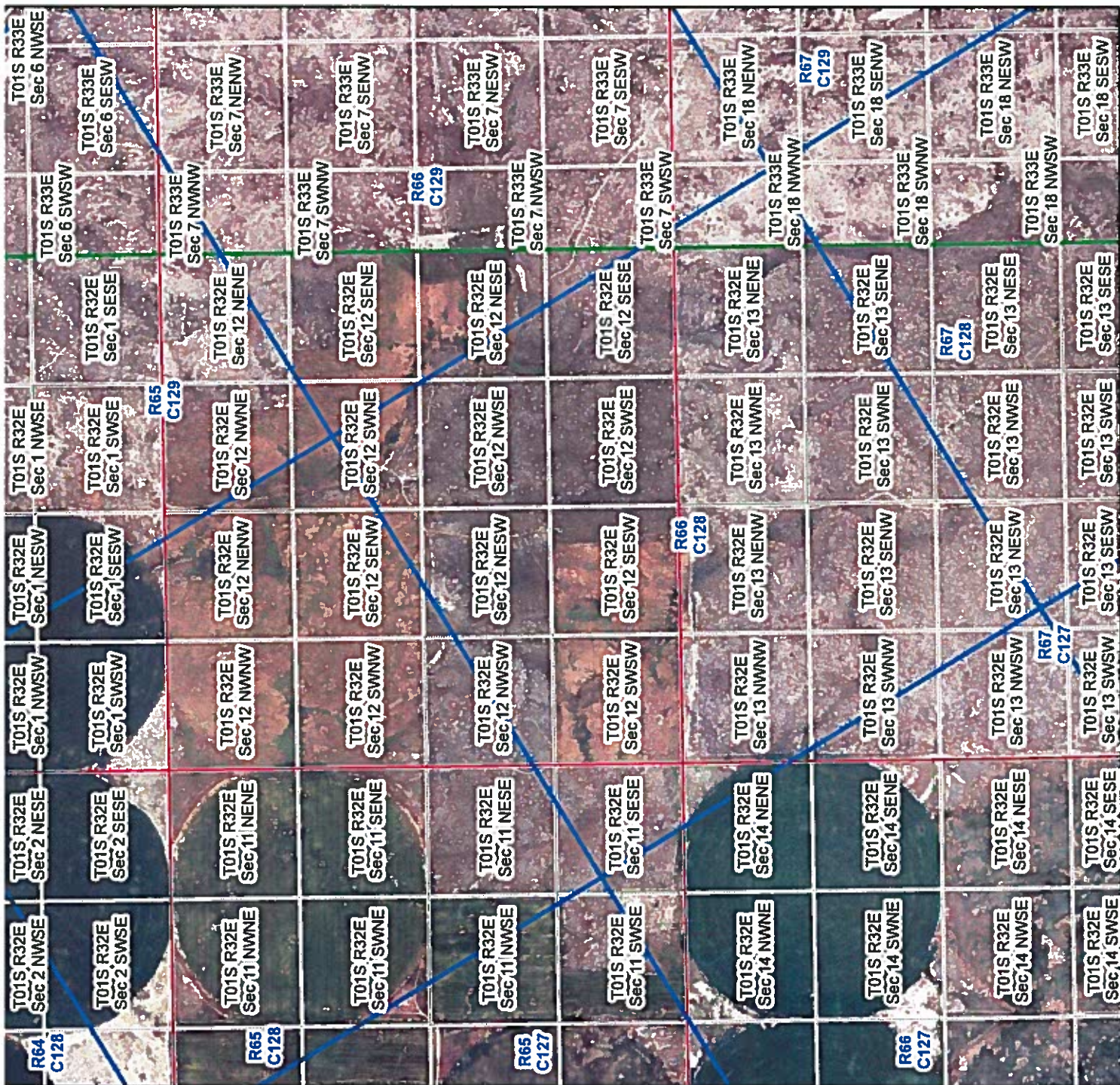
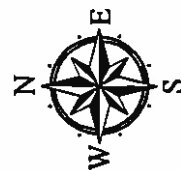
128.4 AFA

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 2025	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2025	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2025	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2026	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2026	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2026	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2027	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2027	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2027	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2028	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2028	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2028	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2029	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2029	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2029	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2030	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2030	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2030	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2031	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2031	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2031	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2032	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2032	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2032	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2033	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2033	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2033	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2034	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2034	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2034	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2035	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2035	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2035	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2036	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2036	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2036	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2037	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2037	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2037	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2038	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2038	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2038	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2039	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2039	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2039	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2040	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2040	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2040	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2041	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2041	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2041	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2042	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2042	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2042	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2043	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2043	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2043	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2044	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2044	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2044	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2045	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2045	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2045	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2046	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2046	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2046	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2047	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2047	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2047	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SPR 2048	0.0	143.9	143.9	42.8	42.8	0.0	0.0
SUM 2048	0.0	143.9	143.9	42.8	42.8	0.0	0.0
WIN 2048	0.0	143.9	143.9	42.8	42.8	0.0	0.0



Legend

- ESPA
- GCDB Township/Range
- GCDB Section
- GCDB Quarter-Quarter
- Counties





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

March 1, 2016

GARY SPACKMAN

Director

JTK LLC

106 SHIRLEY

AMERICAN FALLS ID 83211

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-14040, 35-14292, 43-13595, and 43-13597**

Dear Renter:

Please find enclosed a receipt in the amount of **\$2,916.69** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 560.1 acre-feet of water for irrigation of 140.0 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 \$1,964.52 of the rental fee will be paid to the lessor(s) and 10% or \$952.17 will be retained by the Department to offset administrative costs.

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

Sincerely,

for

Clay Webster

Water Resource Agent

WSB Process Point of Contact

Enclosures: Receipt No. C101563
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office / Water District # 120
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

February 25, 2016

JTK LLC
106 SHIRLEY
AMERICAN FALLS ID 83211

**RE: REQUEST FOR RETURN OF SIGNED RENTAL AGREEMENT AND PAYMENT FOR
WATER RIGHTS 35-14040, 35-14292, 43-13595, and 43-13597**

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

Dear Applicant:

The Department of Water Resources ("Department") mailed a **Water Supply Bank Rental Agreement ("Agreement")** for your review and signature on February 8, 2016. The signed agreement and rental fee has not been returned to the department.

Please sign the rental agreement and return it with the rental payment in the amount of \$2,916.69 within ten (10) days of this letter to complete processing. Diversion and use of the water rights is not authorized under the proposed agreement until it has been signed by both the renter and the department. Any use associated with your proposed rental request before it has been executed is considered unauthorized and, if occurring, will be subject to any necessary enforcement action.

If the signed rental agreement and fee is not received by the department within the 10-day period, the rental application will be returned, and the proposed rental rights made available for other rental applicants. You can reapply to rent water from the Bank again in the future by submitting a new rental application form that will be processed in turn with other pending applications.

If you have questions regarding this matter, please contact me at 287-4910.

Sincerely,

for Clay Webster
Water Resource Agent
WSB Process Point of Contact

c: Greg Sullivan – Brockway Engineering PLLC



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

February 8, 2016

JTK LLC
106 SHIRLEY
AMERICAN FALLS ID 83211

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-14040, 35-14292, 43-13595, and 43-13597**

*****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 \$9,521.70 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 560.1 acre-feet.

Please send a check for \$2,916.69 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 \$1,964.52 of the rental fee will be paid to the lessor(s) and 10% or \$952.17 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

MEMORANDUM

To: Water Rights 35-14040, 35-14292, 43-13595 and 43-13597
From: Clay Webster
Date: 2/4/2016
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: The department received the application to rent water to irrigate 140 acres at the POU for 35-14292 for JTK LLC. This application was received from Brockway Engineering on September 23, 2015 for the 2016 season.

Upon initial review I found that the water rights requested (35-14040 and 35-14292) did not have sufficient amounts available to fulfill this rental. The consultant was contacted and provided the additional water rights with corrected modeling on 2/2/2016.

AUTHORITY TO FILE: This application was signed by Jason Kress. He is listed as a member of JTK LLC on the ISOS Website. Tax-lot information shows that JTK LLC is the property owner at both the rental POU and the POD.

WATER RIGHT VALIDITY: 35-14040 was leased into the bank in 2015 through 2016. Part of this right is rented. This rental will deplete the remainder of this right. Satellite imagery indicates that the leased acres of this right are being idled. 35-14292 was leased into the bank under 29-7122 in 2006 for an indefinite period. The IWRB recently passed a resolution to release indefinite leases from the Bank. The lessor has designated the right to be released at the end of 2016. This POU has had a rental to authorize irrigation of 140 acres since 2014. This rental will deplete the remainder of this right. 43-13595 and 43-13597 were leased into the WSB indefinitely under parent WR #s 43-7126 and 43-4037. The lessors requested a five year term from 2016 through 2020 on October 6, 2015. Satellite imagery indicates that the leased acres of these rights are being idled.

INJURY TO OTHER WATER RIGHTS: The consultant provided modeling for this rental with minor errors to the data entry. I cleaned up the data entry for the model and verified that no mitigation is required. I have no other injury concerns.

ENLARGEMENT OF USE: The rental POU is authorized irrigation under water right (35-14292). This right is currently leased to the bank and will provide a portion of this rental. No other enlargement concerns are noted.

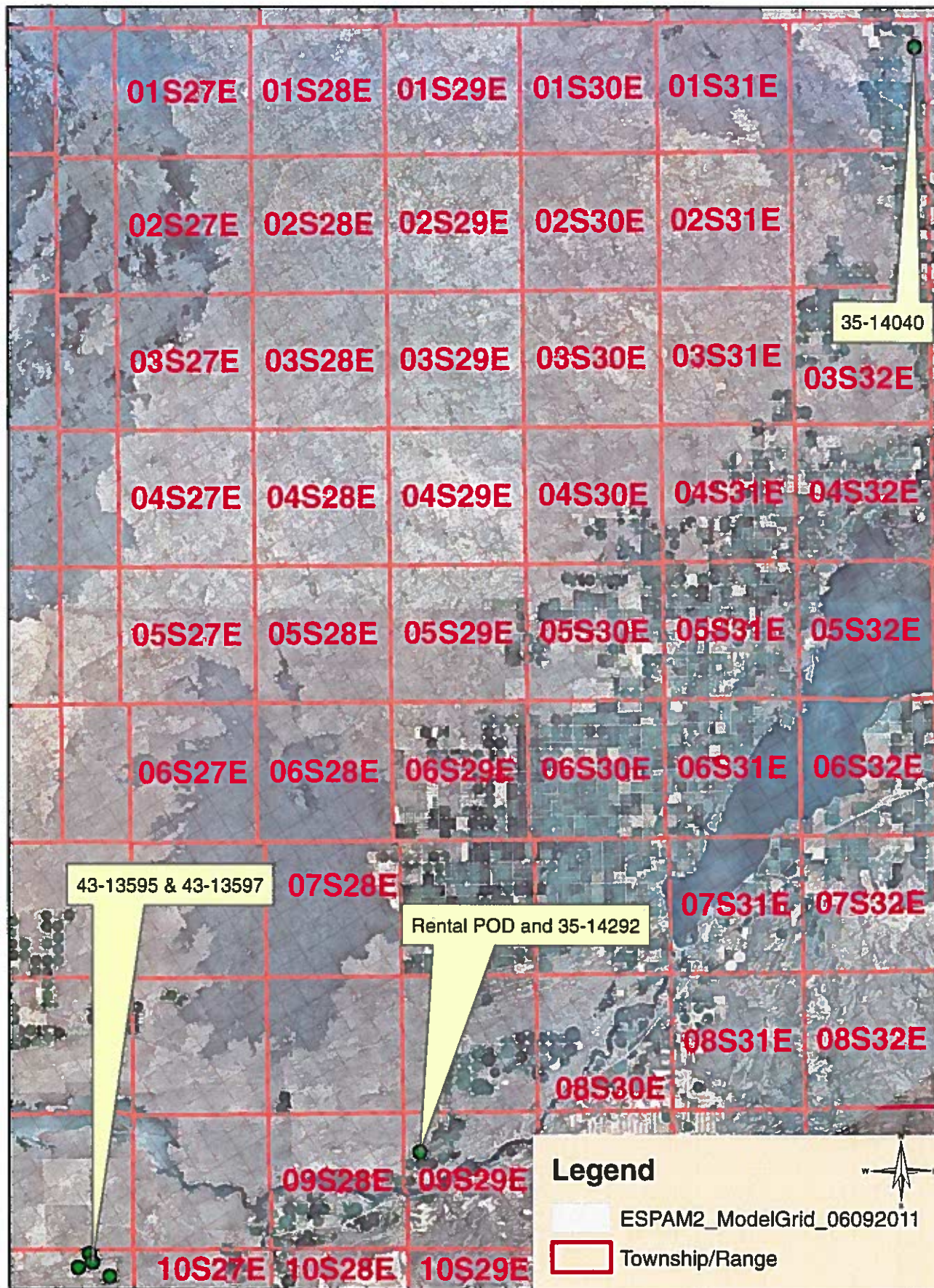
LOCAL PUBLIC INTEREST: Review staff has no information to suggest this application is inconsistent with the local public interest.

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 # 120. Watermaster and region comments were requested on 2/4/2016 via e-mail.

No. W 120011		Due no later than Dec 31, 2015 Annual Report Form		2. Registered Agent and Address (NO PO BOX)	
Return to: SECRETARY OF STATE 700 WEST JEFFERSON PO BOX 83720 BOISE, ID 83720-0080 NO FILING FEE IF RECEIVED BY DUE DATE		1. Mailing Address: Correct in this box if needed. JTK LLC THOMAS A KRESS 106 SHIRLEY AMERICAN FALLS ID 83211		THOMAS A KRESS 106 SHIRLEY AMERICAN FALLS ID 83211	
				3. New Registered Agent Signature:*	
4. Limited Liability Companies: Enter Names and Addresses of at least one Member or Manager.					
Office Held	Name	Street or PO Address	City	State	Country Postal Code
MEMBER	JASON H KRESS	2639 LAKEVIEW RD	AMERICAN FALLS	ID	USA 83211
MANAGER	THOMAS A KRESS	106 SHIRLEY	AMERICAN FALLS	ID	USA 83211
5. Organized Under the Laws of: ID W 120011		6. Annual Report must be signed.* Signature: Thomas Kress Name (type or print): Thomas Kress Date: 10/13/2015 Title: Manager			
Processed 10/13/2015		* Electronically provided signatures are accepted as original signatures.			

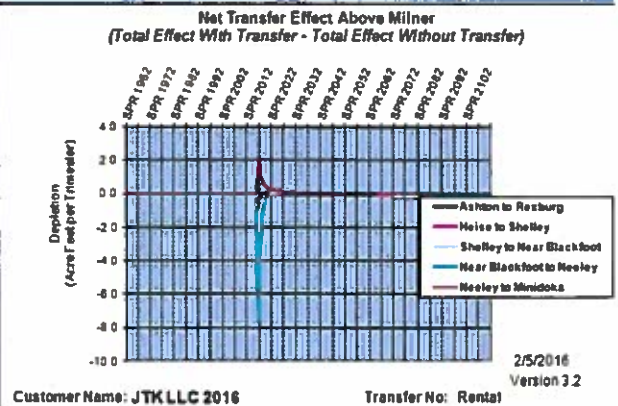
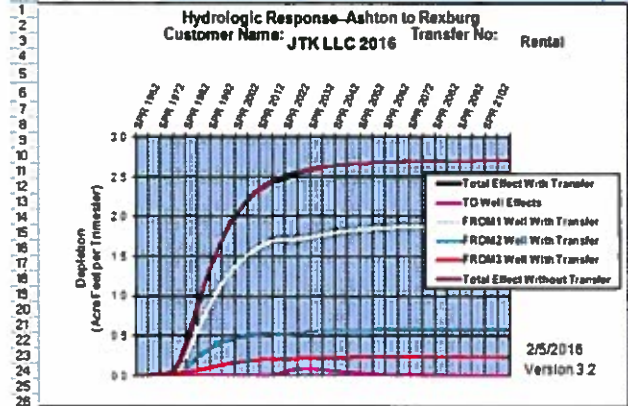
JTK LLC Rental 2016



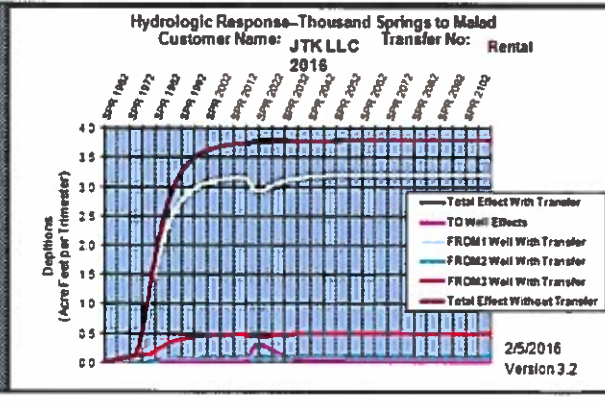
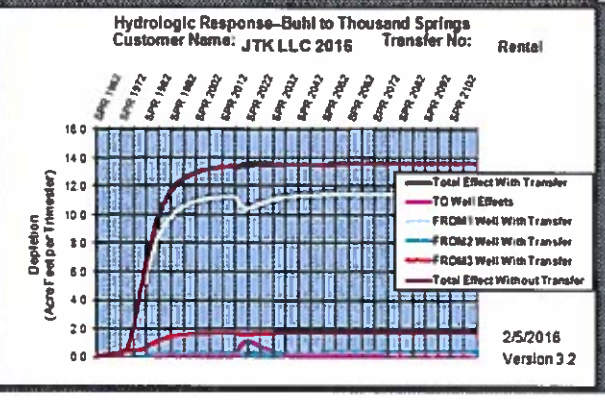
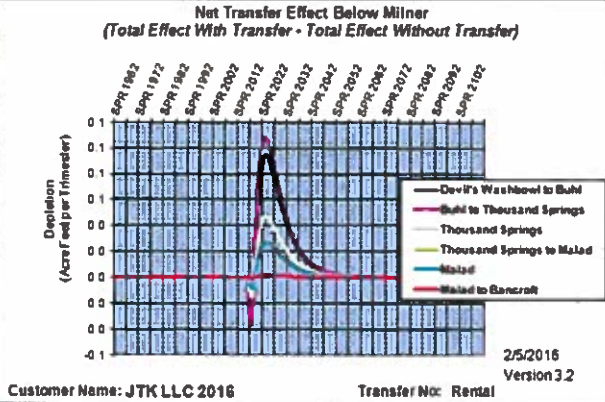
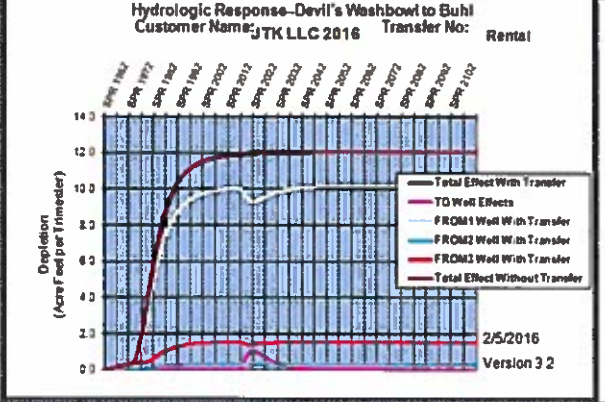
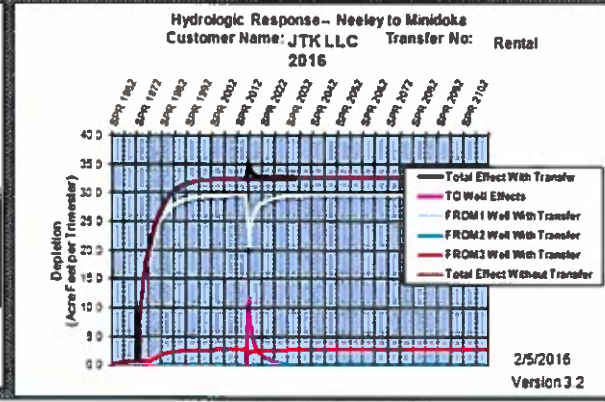
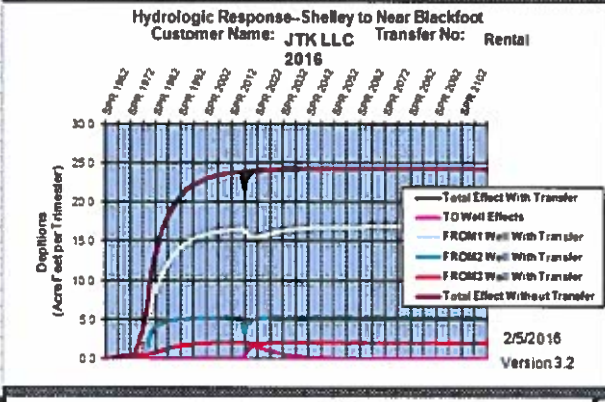
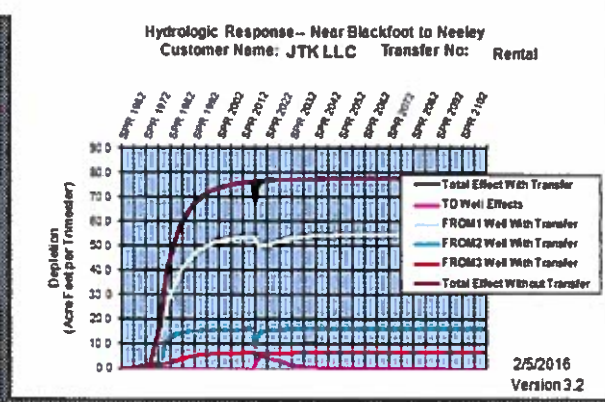
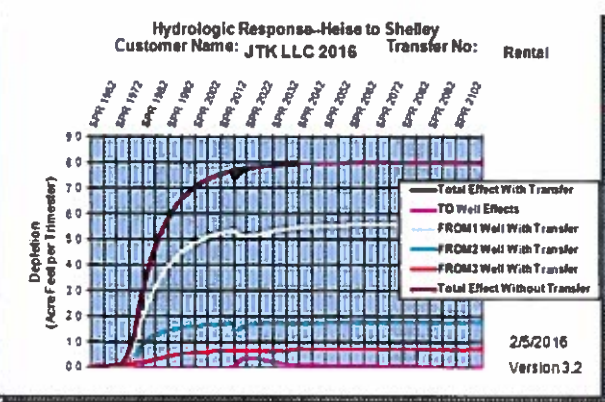
	A	B	C	D	E	F	G	H	
1	ENHANCED GROUND-WATER RIGHTS TRANSFER								
2	UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE IDAHO DEPT OF AGRICULTURE								
3									
4	Cells this color are			UPDATE DATES		RUN MODEL		GET OUTPUT	
5	set up for user entries			CALCULATE EFFECTS					
6									
7	ENTER STARTING DATE FOR								
8	SIMULATION. THEN PUSH "UPDATE DATES" BUTTON								
9	TRANSFER NO: Rental								
10	YEAR 1962			TRANSFER NAME:					
11	SEASON SPRING			JTK LLC 2016					
12									
13	ENTER CELL LOCATIONS:								
14		TO' CELL	FROM1' CELL	FROM2' CELL	FROM3' CELL				
15	ROW	96	96	66	92				
16	COLUMN	84	84	128	71				
17									
18	TRIMESTER	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL		
19	OF	Projected Use	With Transfer	Without Transfer	With Transfer	Without Transfer	With Transfer	Without Transfer	
20	ACTIVITY	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	
21	SPR 1962	0	0	0	0	0	6	6	
22	SUM 1962	0	0	0	0	0	6	6	
23	WIN 1962	0	0	0	0	0	6	6	
24	SPR 1963	0	0	0	0	0	6	6	
25	SUM 1963	0	0	0	0	0	6	6	
26	WIN 1963	0	0	0	0	0	6	6	
27	SPR 1964	0	0	0	0	0	6	6	
28	SUM 1964	0	0	0	0	0	6	6	
29	WIN 1964	0	0	0	0	0	6	6	
30	SPR 1965	0	0	0	0	0	6	6	
31	SUM 1965	0	0	0	0	0	6	6	
32	WIN 1965	0	0	0	0	0	6	6	
33	SPR 1966	0	0	0	0	0	6	6	
34	SUM 1966	0	0	0	0	0	6	6	
35	WIN 1966	0	0	0	0	0	6	6	
36	SPR 1967	0	0	0	0	0	6	6	
37	SUM 1967	0	0	0	0	0	6	6	
38	WIN 1967	0	0	0	0	0	6	6	
39	SPR 1968	0	0	0	0	0	6	6	
40	SUM 1968	0	0	0	0	0	6	6	
41	WIN 1968	0	0	0	0	0	6	6	
42	SPR 1969	0	0	0	0	0	6	6	
43	SUM 1969	0	0	0	0	0	6	6	
44	WIN 1969	0	0	0	0	0	6	6	
45	SPR 1970	0	0	0	0	0	6	6	

	A	B	C	D	E	F	G	H
50	WIN 1971	0	0	0	0	0	6	6
51	SPR 1972	0	0	0	0	0	6	6
52	SUM 1972	0	0	0	0	0	6	6
53	WIN 1972	0	0	0	0	0	6	6
54	SPR 1973	0	144	144	0	0	6	6
55	SUM 1973	0	144	144	0	0	6	6
56	WIN 1973	0	144	144	0	0	6	6
57	SPR 1974	0	144	144	0	0	6	6
58	SUM 1974	0	144	144	0	0	6	6
59	WIN 1974	0	144	144	0	0	6	6
60	SPR 1975	0	144	144	0	0	6	6
61	SUM 1975	0	144	144	0	0	6	6
62	WIN 1975	0	144	144	0	0	6	6
63	SPR 1976	0	144	144	0	0	6	6
64	SUM 1976	0	144	144	0	0	6	6
65	WIN 1976	0	144	144	0	0	6	6
66	SPR 1977	0	144	144	0	0	6	6
67	SUM 1977	0	144	144	0	0	6	6
68	WIN 1977	0	144	144	0	0	6	6
69	SPR 1978	0	144	144	0	0	6	6
70	SUM 1978	0	144	144	25	25	18	18
71	WIN 1978	0	144	144	25	25	18	18
72	SPR 1979	0	144	144	25	25	18	18
73	SUM 1979	0	144	144	25	25	18	18
74	WIN 1979	0	144	144	25	25	18	18
75	SPR 1980	0	144	144	25	25	18	18
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78	SPR 1981	0	144	144	25	25	18	18
79	SUM 1981	0	144	144	25	25	18	18
80	WIN 1981	0	144	144	25	25	18	18
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83	WIN 1982	0	144	144	25	25	18	18

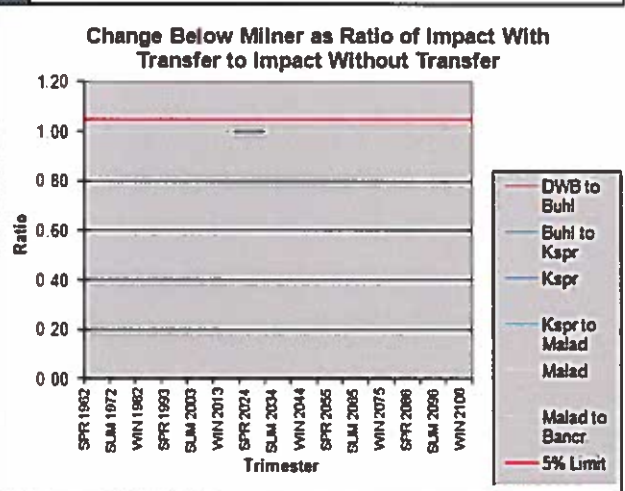
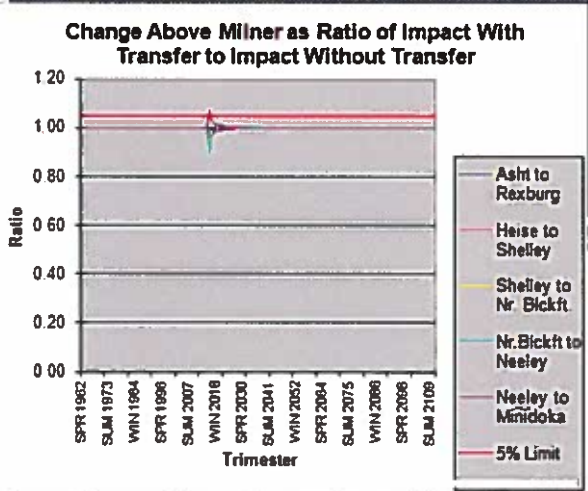
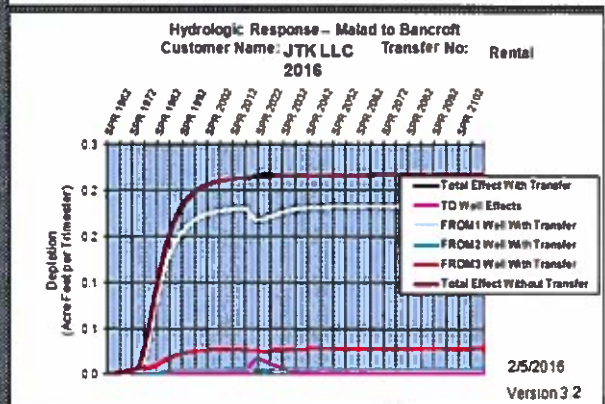
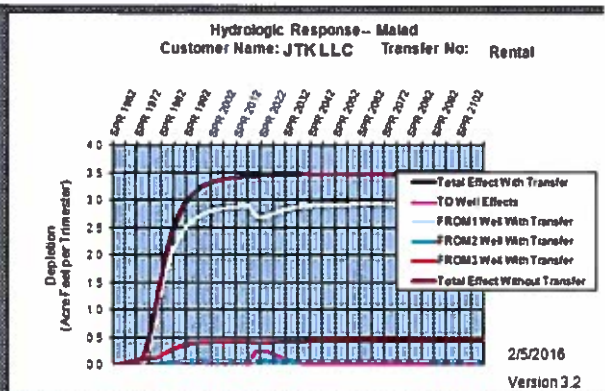
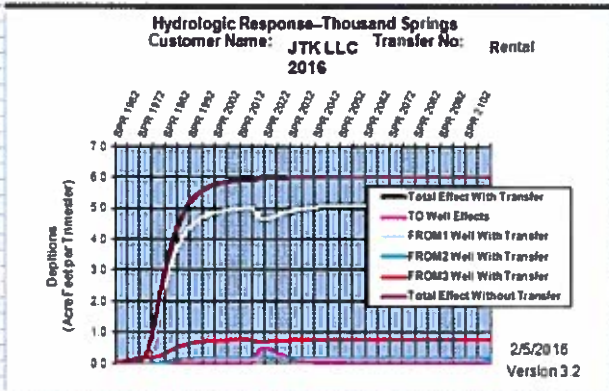
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148	SUM 2004	0	144	144	25	25	18	18
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150	SPR 2005	0	144	144	25	25	18	18
151	SUM 2005	0	144	144	25	25	18	18
152	WIN 2005	0	144	144	25	25	18	18
153	SPR 2006	0	144	144	25	25	18	18
154	SUM 2006	0	144	144	25	25	18	18
155	WIN 2006	0	144	144	25	25	18	18
156	SPR 2007	0	144	144	25	25	18	18
157	SUM 2007	0	144	144	25	25	18	18
158	WIN 2007	0	144	144	25	25	18	18
159	SPR 2008	0	144	144	25	25	18	18
160	SUM 2008	0	144	144	25	25	18	18
161	WIN 2008	0	144	144	25	25	18	18
162	SPR 2009	0	144	144	25	25	18	18
163	SUM 2009	0	144	144	25	25	18	18
164	WIN 2009	0	144	144	25	25	18	18
165	SPR 2010	0	144	144	25	25	18	18
166	SUM 2010	0	144	144	25	25	18	18
167	WIN 2010	0	144	144	25	25	18	18
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171	SPR 2012	0	144	144	25	25	18	18
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173	WIN 2012	0	144	144	25	25	18	18
174	SPR 2013	0	144	144	25	25	18	18
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176	WIN 2013	0	144	144	25	25	18	18
177	SPR 2014	0	144	144	25	25	18	18
178	SUM 2014	0	144	144	25	25	18	18
179	WIN 2014	0	144	144	25	25	18	18
180	SPR 2015	0	144	144	25	25	18	18
181	SUM 2015	0	144	144	25	25	18	18
182	WIN 2015	0	144	144	25	25	18	18
183	SPR 2016	187	0	144	0	25	0	18
184	SUM 2016	187	0	144	0	25	0	18
185	WIN 2016	187	0	144	0	25	0	18
186	SPR 2017	0	144	144	25	25	18	18
187	SUM 2017	0	144	144	25	25	18	18
188	WIN 2017	0	144	144	25	25	18	18
189	SPR 2018	0	144	144	25	25	18	18
190	SUM 2018	0	144	144	25	25	18	18
191	WIN 2018	0	144	144	25	25	18	18
192	SPR 2019	0	144	144	25	25	18	18



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WORK BY ROBERT A. FINE

Transfer 1: Worst Case Transient State Impacts following Transfer

Analysis Type	Parameter	0.2%	0.5%	1.0%	2.0%	5.0%	10%	20%	50%	100%	200%	500%	1000%
Steady State Analysis	Megaron Check 1 >10% of Historical	0.2%	0.2%	0.2%	0.5%	0.2%	0.2%	0.2%	0.5%	0.2%	0.2%	0.2%	0.2%
	Megaron Check 2 > 2 AF/T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Megaron Check 3 >10% of Total	1.5%	4.4%	13.2%	42.1%	17.7%	6.1%	7.4%	3.5%	2.1%	1.9%	0.1%	0.1%
	Megaron Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Megaron Vgt. Reg. Req-B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transient State Analysis	Megaron Check 1 >10% of Historical	0.2%	0.2%	0.2%	0.5%	0.2%	0.2%	0.2%	0.5%	0.2%	0.2%	0.2%	0.2%
	Megaron Check 2 > 2.0 AF/T	0.0	0.0	0.0	0.0	2.2	6.8	6.8	0.0	0.0	0.0	0.0	0.0
	Megaron Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Megaron Vgt. Reg. Req-B	0.0	0.0	0.0	0.0	2.2	6.8	6.8	0.0	0.0	0.0	0.0	0.0
	Megaron Vgt. Reg. Req-B	0.0	0.0	0.0	0.0	2.2	6.8	6.8	0.0	0.0	0.0	0.0	0.0

Webster, Clay

From: Cefalo, James
Sent: Thursday, February 04, 2016 12:29 PM
To: Webster, Clay
Subject: RE: Watermaster and Regional Comments on JTK LLC Rental Application 35-14040, 35-14292, 43-13595 and 43-13597

Clay,

I don't have any comments or concerns about the proposed WSB Rental.

James

From: Webster, Clay
Sent: Thursday, February 04, 2016 10:20 AM
To: Cefalo, James
Subject: Watermaster and Regional Comments on JTK LLC Rental Application 35-14040, 35-14292, 43-13595 and 43-13597

James,

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)

Webster, Clay

From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Tuesday, February 02, 2016 4:09 PM
To: Webster, Clay
Subject: RE: JTK LLC Rental Application for WRs 35-14040 and 35-14292
Attachments: JTK 2016 Rental Analysis.pdf; JTK 2016 Rental Data Entry.pdf; Page 4 Rental.pdf

Clay,

See attached documents.

Thanks,

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

From: Webster, Clay [mailto:Clay.Webster@idwr.idaho.gov]
Sent: Tuesday, February 02, 2016 10:53 AM
To: Greg Sullivan <greg.sullivan@brockwayeng.com>
Subject: JTK LLC Rental Application for WRs 35-14040 and 35-14292

Good Morning Greg,

I am currently processing the above mentioned rental application. However, I am running into a shortage of the rights requested as follows.

35-14040 leased amounts	0.47cfs	190.0 af	47.5 ac
Rented (Thru 2016)	<u>0.28 cfs</u>	<u>115.2 af</u>	<u>28.8 ac</u>
available for rent	0.19 cfs	74.8 af	18.7 ac
requested	<u>0.32 cfs</u>	<u>128.4 af</u>	<u>32.1 ac</u>
difference	-0.13 cfs	-53.6 af	-13.4 ac
35-14292 leased amounts	2.25 cfs	560.0 af	140.0 ac
Rented (Thru 2016)	<u>0.51 cfs</u>	<u>128.3 af</u>	<u>32.1 ac</u>
available for rent	1.74 cfs	431.7 af	107.9 ac
requested	<u>2.16 cfs</u>	<u>431.6 af</u>	<u>107.9 ac</u>
difference	-0.42 cfs	0.1 af	0 ac

With these numbers the rights requested will only provide for the irrigation of 126.6 acres of the 140 acres requested. This will only provide 1.93 cfs. And 506.5 af. How do you want me to proceed with this rental? If you want me to process the rental for the 126.6 acres, I'll need a map showing the rental POU for 126.6 acres.

Sincerely,
Clay Webster
Water Resource Agent

clay.webster@idwr.idaho.gov

208-287-4910

Idaho Department of Water Resources (IDWR)





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

October 5, 2015

JTK LLC
106 SHIRLEY
AMERICAN FALLS ID 83211

RE: APPLICATION(S) TO RENT WATER FROM THE WATER SUPPLY BANK

Dear Applicant:

The Idaho Department of Water Resources (Department) acknowledges receipt of your application(s) to rent water from the Water Supply Bank (Bank).

The Department will accept applications proposed for the next calendar season on November 1 of the prior year. Your application is proposing water use during the 2016 season; therefore, the Department will begin processing your application after November 1, 2015.

Applications received after November 1, 2015, will be processed in the order received at the Department. The likelihood of successfully acquiring a rental through the Bank is greatly improved by applying early during the processing period before the proposed season of use begins.

Note that filing a rental application does not authorize diversion and use of water. It is unlawful to use water without a valid water right or an approved Bank rental agreement. **You are not authorized to divert any water for the purposes described in your application until you have paid the rental fee and you and the Department have both signed and executed a rental agreement.**

You can check the status of your rental application by reviewing the Department's processing spreadsheet, accessible from the Bank's website at:

http://www.idwr.idaho.gov/WaterManagement/WaterRights/WaterSupply/ws_default.htm

Sincerely,

Sandra Thiel
Sr. Water Resource Agent

Cc: Greg Sullivan, Brockway Engineering



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED

SEP 23 2015

DEPARTMENT OF
WATER RESOURCES

September 21, 2015

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

Re: Jason Kress/JTK LLC Rental

Dear Mrs. Palmer:

Water right 35-14292 current POU and POD are identical to the proposed rental application POU and POD. Water right 35-14292 is was leased to the Idaho Water Supply Bank for an indefinite period of time. However, the Idaho Water Supply Bank is ending indefinite leases. Water right 35-14292 will be leased through the 2016 irrigation season.

It is proposed to rent water from 35-14292 and 35-14040 for the 2016 irrigation season. Attached is a map identifying the 140.0 acres proposed to be rented in 2016. The location of the 140.0 acres are specified in the areal map and in question A4 of the rental application describing the water sought for rent.

ESPA model analysis was performed and no mitigation is required for this rental.

Please copy our office on all correspondence regarding this application.

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Jason Kress,
Enc: Rental Application, Aerial Maps, ESPA Model Analysis, Water Supply Bank Indefinite Lease Contract Update

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