



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

GEORGE KELLEY
PO BOX 25
ALBION ID 83311

RE: Expiration of Water Supply Bank Rental Agreement for water rights: 45-11969, 45-13998, 45-14000, 45-2746

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.

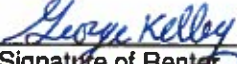
Remington Buyer
Water Supply Bank Coordinator

Enclosures:

DEPARTMENT OF
WATER RESOURCES

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

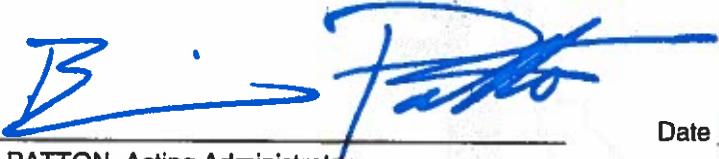
The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

 George Kelley 3-23-16
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 3/28/2016
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Rental Approved by IDWR  Date 3-28-2016

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

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER NE¼NE¼ Sec. 35 Twp 11S Rge 24E CASSIA 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	
11S	24E	25									23	26	28	26					103.0
11S	24E	36					18	18	19.5	19.5	19	19	19	19					151.0

Total Acres: 254.0

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. This rental agreement does not authorize the construction of a well.
11. The renter must diligently pursue a permanent water right to provide for the uses authorized under this rental agreement.

12. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
13. Use of water under this agreement will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 140.
14. The following rights are diverted through point(s) of diversion described above: 45-4084 and 45-4236.

Effective until December 31, 2016

-

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

NOV 10 2015

DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKApplicant Name: George Kelley

Is this application being submitted with a lease application as a lease/rental package?

Yes ☐ No ☐

If yes, specify companion water rights in Section 4

This application must be completed according to the minimum requirement checklist below. This checklist is part of the rental application and must be included with the rental application. Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.

Rental applications should be submitted well in advance of the desired start date for the use of rental water. Rental applications may be processed as early as November 1 of the year prior to the intended use of rental water. Any rental application received on or before November 1 for use in the next year will be assigned a received date of November 1. Rental applications submitted more than one year in advance of the proposed start date for the use of rental water will not be accepted and will be returned to applicants. Rental applications may be returned to applicants if the desired start date for the use of rental water cannot be accommodated by the Water Supply Bank. Rental requests will not be accepted once the rental season of use period has concluded.

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

For additional instructions on completing a rental application, visit the Bank's website at http://idwr.idaho.gov/water_supply_bank.

MINIMUM REQUIREMENT CHECKLIST

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

Yes

- ☒ Completed *Application to Rent Water from the Board's Water Supply Bank*
- ☒ Confirmation that this form has been printed single sided, per requirement of the Water Supply Bank

Attachment N/A Yes

- 2 ☒ A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request
- 3A ☐ ☒ Detailed information on a proposed use of rental water
- 3F ☒ ☐ Authorization from the owner/operator of the rental point(s) of diversion
- 3H ☒ ☐ Water modeling to account for the impacts of the rental request
- 3J ☒ ☐ Documents justifying a rate of flow greater than 0.02 cfs/acre
- 3K ☒ ☐ Authorization from the owner/operator of the property at the proposed rental place(s) of use
- 4B ☐ ☒ Explanation of how the rental water will sufficiently accomplish your rental purposes
- 4C ☒ ☐ Explanation of consumptive use amounts for water rights experiencing a change in nature of use

Department Use Only – Proposed Water Right(s)

45-2746 45-13998
45-11969 45-14100

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant George Kelley

Mailing Address P.O. Box 25, Albion, Idaho 83311

Street

City

State

Zip Code

Email Address _____

Phone Number 208-673-5364

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 Paul L. Arrington

Professional Title Attorney

Organization Barker Rosholt & Simpson

Relationship to Applicant Attorney

Mailing Address 195 River Vista Place, Suite 204, Twin Falls, Idaho 83301

Email Address pla@idahowaters.com

Phone Number 208-733-0700

2. MAP

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

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

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

Water will be used to allow for complete irrigation under existing pivots. Water will be commingled with Applicant's existing water rights to complete pivots.

B. Enter the desired and/or minimum rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Desired Acres (if applicable)
CFS	AF	CFS	AF	291 AC

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

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

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
4/15/2016	5/15/2016	☐ 1	☐ 2	☐ 3	☐ 4	☒ 5	☒ Process application as soon as possible	☐ Return application to applicant

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

** Per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right. Water Supply Bank rental applicants are not authorized to utilize rental water prior to the execution of an approved rental agreement. Rental requests may be returned to applicants if no water is available from the Bank to fulfill a rental request.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

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

Water is pumped from the well and piped to a sprinkler system.

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

POD Description	Water Source	Other Water Rights Diverted from this POD
11S 24E 35, NE NE	Groundwater	45-4084 & 45-4236

If the POD(s) above are located where water is turned into a canal, lateral or ditch, or if they are located on your property but are serviced by water that is delivered via a canal, lateral or ditch, your rental request must include documented authorization from all relevant canal companies, irrigation districts and/or water delivery entities, confirming that they consent to your diversion of water from their system.

- F. Has documented consent from all relevant water delivery entities been obtained? Yes ☐ N/A ☒
If yes, include documented consent as Attachment 3F.

- G. Do any POD(s) identified in Question 3E divert from a water source that may require water modeling? Yes ☐ No ☒
Refer to the Water Modeling Requirements Information Sheet to determine if a rental POD may require water modeling.

- H. Has water modeling been provided with your rental request? Yes ☐ N/A ☒
If yes, label modeling Attachment 3 H.
Rental applications that require modeling will be returned if modeling is not provided.

- I. Specify the desired beneficial use of water and the requested season of use or number of acres required:

- ☒ Irrigation 291 (number of acres) Duration: Subject to IDWR standard seasons of use
- ☐ Commercial from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Stockwater from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Industrial from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Other: _____ from: _____ (mm/dd) to: _____ (mm/dd)

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

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

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

See E. above. Existing water rights do not cover entire pivot system. Additional water is needed to cover all acres.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights?

Yes ☐ No ☒

If yes, specify below the elements of the water rights you are requesting to rent. If no, continue to Question 4B.

Important Information: Diversion rates and volumes sought for rent must be proportionate to the per acre diversion rates and per acre volume limits of the water right under lease contract to the Water Supply Bank. Prior to completing this section, applicants should review all water right lease contracts and any active rental agreements to determine which elements of a water right are available to satisfy a rental request. Lease and rental documents are searchable via [IDWR's website](#).

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany this rental request. Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request. For leased rights featuring combined limits, rentals must be consistent with combined diversion rate, volume or acre limits. Combined limits should be listed on a row below water right numbers.

Water Right Elements Leased to Water Supply Bank					Leased totals, minus water right elements involved in active rental agreements, equals water right elements available for rent	Water Supply Bank Rental Request		
Water Right Number (leave blank if sub-total of combined limits)	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank					TOTAL			
						CFS	AF	AC

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

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

Applicant will irrigate what he can with the water provided.

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

Yes ☐ No ☒

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

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

- A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☐ No ☒

If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:

Applicant has attempted to purchase additional water rights by speaking with neighbors and others but has not been able to find any water for purchase.

- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental?

If yes, describe:

Yes ☐ No ☒

- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV?

Yes ☐ No ☒

If yes, describe the date and location of the NOV.

- D. Additional Information

DECLARATION

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


Signature of Applicant

George Kelley
Printed Name of Applicant

11-5-15
Date

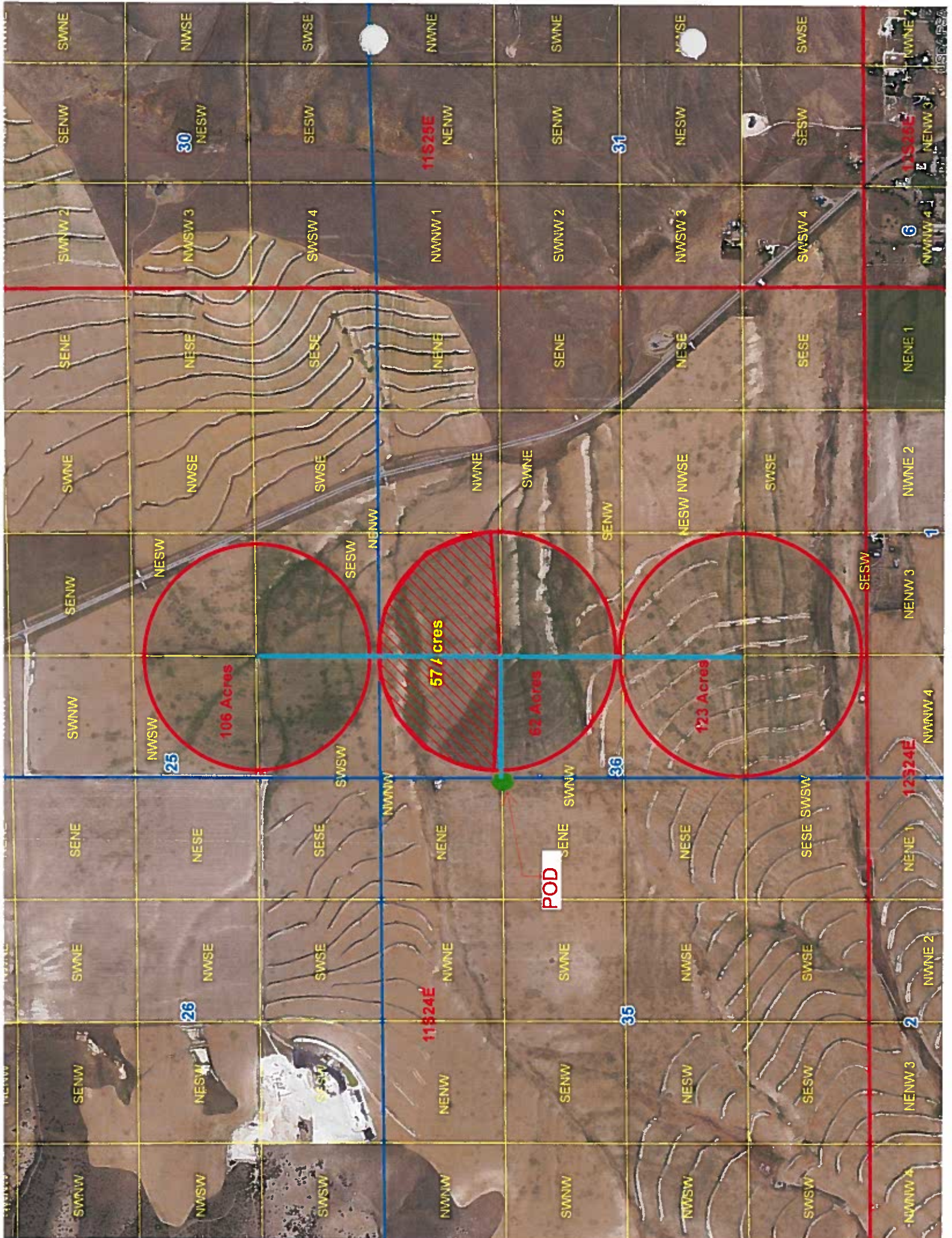

Signature of Representative

Paul Armstrong
Printed Name of Representative

11-5-15
Date

Mail to:

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





State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 31, 2016

GEORGE KELLEY
PO BOX 25
ALBION ID 83311

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 1-10443, 45-2746, 45-11969, 45-13998, and 45-14000**

Dear Renter:

Please find enclosed a receipt in the amount of \$16,301.30 and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 958.90 acre-feet of water for irrigation of 254.0 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 \$14,671.17 of the rental fee will be paid to the lessor(s) and 10% or \$1,630.13 will be retained by the Department to offset administrative costs.

If you have any questions, please contact me at (208) 287-4946.

Sincerely,

for Michele Edl
Sr. Water Resource Agent

Enclosures: Receipt No. C101750
Rental Agreement (copy)

c: Sascha Marston – Fiscal
Allen Merritt – IDWR Southern Regional Office
Brian Higgs – State Water District No. 140
Paul Arrington – Barker Rosholt & Simpson

*Albert P. Barker
John A. Rosholt
John K. Simpson
Travis L. Thompson
Shelley M. Davis
Paul L. Arrington
Scott A. Magnuson*



195 River Vista Place, Suite 204
Twin Falls, Idaho 83301-3029
(208) 733-0700 telephone
(208) 735-2444 facsimile

1010 W. Jefferson St., Suite 102
Post Office Box 2139
Boise, Idaho 83701-2139
(208) 336-0700 telephone
(208) 344-6034 facsimile
hrs@idahowaters.com

RECEIVED

MAR 28 2016

DEPARTMENT OF
WATER RESOURCES

March 24, 2016

Michele Edl
Idaho Dept of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

Re: *George Kelley Water Supply Bank Rental Agreement Water Rights 1-10443, et al*

Dear Ms. Edl,

Enclosed, please find the original signed Water Supply Bank Rental Agreements for George Kelley. Also, enclosed, please find check number 2995 in the amount of \$16,301.30 for the rental fee.

Should you have any questions, please contact our office at (208) 733-0700.

Thank you,

Jessica Nielsen
Assistant for Paul L. Arrington

Enclosures

PLA/jn



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 23, 2016

GEORGE KELLEY
PO BOX 25
ALBION ID 83311

**RE: REQUEST FOR RETURN OF SIGNED RENTAL AGREEMENT AND PAYMENT FOR
WATER RIGHTS 1-10443, 45-2746, 45-11969, 45-13998, and 45-14000**

*****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 March 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 \$16,301.30 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 287-4946.

Sincerely,

Michele Edl
Sr. Water Resource Agent

c: Paul Arrington – Barker Rosholt & Simpson *via Electronic mail*



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 8, 2016

GEORGE KELLEY
PO BOX 25
ALBION ID 83311

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 1-10443, 45-2746, 45-11969, 45-13998, and 45-14000**

*****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 \$16,301.30 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 958.90 acre-feet.

Please send a check for \$16,301.30 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 \$14,671.17 of the rental fee will be paid to the lessor(s) and 10% or \$1,630.13 will be retained by the Department to offset administrative costs.

If you have any questions, please contact me at (208) 287-4946.

Sincerely,

Michele Edl
Sr. Water Resource Agent

Enclosure

c: IDWR Front Desk
Paul Arrington – Barker Rosholt & Simpson

Edl, Michele

From: Merritt, Allen
Sent: Wednesday, March 02, 2016 3:16 PM
To: Edl, Michele
Cc: Erickson, Nathan
Subject: RE: 2016 WSB rental for George Kelley

Based on our discussion it appears I have no concerns but should be watched to see if acres exceeded.

From: Edl, Michele
Sent: Monday, February 29, 2016 10:31 AM
To: Merritt, Allen
Subject: 2016 WSB rental for George Kelley

Allen Merritt,
Brian and Jaxon Higgs,

I have completed my review of the 2016 rental for George Kelley involving several water rights from Basin 45. The rental is for less time and less water than he requested. The rental is for one year only and for 253.6 acres not the 291 acres that they want.

When I discussed the rental last Friday, the Kelleys were with Paul Arrington in his office. The Kelleys said that they would remove the end-guns from two of the three pivots bringing the total irrigated acreage down to 310.6 acres: 57 acres from their existing water right, 253.6 acres from the rental.

I have attached a copy of my review memo and the rental attachment map showing the rental POU and POD.

When you get a minute, please let me know if you have any concerns about this rental.

Thanks.
Michele Edl
208-287-4946

MEMORANDUM

To: Right(s):45-2746, 45-11969 and 1-10443, 45-43998 and 45-40000

From: Michele Edl

Date: March 2, 2016

Re: Review & Analysis of George Kelley's Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: On November 10, 2015, Paul Arrington of Barker Rosholt & Simpson LLP submitted an application to rent water from the State Water Supply Bank on behalf of George Kelley. The application proposed to rent water for five years to irrigate a field located in sec 25, of Twp 11S, Rge 24E.

The rented water will be used to irrigate acres under existing pivots. Only 57 acres under one pivot is currently covered by a water right. The available rental water in Basin 45 limits the rental to 1 year.

The proposed point-of-diversion is an existing well utilized by the applicant's current system. That well is identified in WMIS as A0016835. It diverts water for water rights 45-4084 and 45-4236.

AUTHORITY TO FILE: According to available Cassia County taxlot information, George Bill Kelley owns the proposed place-of-use. Mr. George Kelley signed the application.

WATER RIGHT VALIDITY: Water right 45-2746 and water right pairs 45-13998 and 45-14000, and 45-11969 and 1-10443 are valid and are leased to the State Water Supply Bank. As a group they are available to be rented through December 31, 2016.

A review of aerial photography shows that the water rights or sufficient portions of these water rights appear to have been idled at the authorized places-of-use.

INJURY TO OTHER WATER RIGHTS: No injury is apparent. Modeling was required and was provided and based on a calculation of consumptive use of two of the 4 rights. The modeling doesn't appear to be internally consistent because the data entry would not have produced the graphs provided.

The rights recommended for this rental are within the ESPA. The proposed point of diversion and place-of-use is outside the ESPA but near enough to model roughly. This application moves water withdrawals from the ESPA, to a POD which does not withdraw directly from the ESPA but likely from a tributary aquifer. I modeled the rental using the ETransfer v 3.1 utility which was the approved utility at the time the application and its companion modeling results were submitted. As I modeled the Kelley 2016 rental, it provides an accrual to the ESPA.

ENLARGEMENT OF USE: No enlargement is evident through the rental.

45-13998 and 45-14000 were for commercial and/or stockwater uses, therefore no acre counts were assigned when the rights were leased to the Water Supply Bank. The applicant requests water for irrigation use which required consideration of a change in the nature-of-use. I assumed that the commercial portions were fully consumptive and converted leased acre-feet to irrigation acres based on the standard headgate requirement.

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: Southern Region and the Watermaster of WD 140 will be consulted for comment on this 1-year rental.

There is insufficient water available in Basin 45 to fill Mr. Kelley's full request for water to irrigate 291 acres. A package of rights covering approximately 253.6 acres is the best offer that the WSB can make at this time.

WSB supervisor did not require that the consultant remodel the rental. Only that modeling be done by IDWR staff and that it confirmed no additional mitigation was required.

I recommend that Erick Powell (with Brockway Engineering), who modeled the water use for Mr. Kelley's application, be provided with instructions and a link to the current modeling utility.

In a phone conversation with Misters George Kelley, Bill Kelley and Paul Arrington, on 2/26/2016, I recommended that the Kelleys consider longer term rentals of single rights which would be dedicated to a single pivot or to limited acres rather than rely on the periodic availability of a package of rights for the entire acreage desired.

I also recommended that the Kelleys or their consultant consider approaching the owners of these Basin 45 rights to negotiate a long-term earmark or purchase agreement.

Edl, Michele

From: Paul Arrington [pla@idahowaters.com]
Sent: Thursday, February 25, 2016 11:02 AM
To: Edl, Michele
Subject: RE: water availability for George Kelley

Thanks. They will be coming in at 11 tomorrow to discuss.

Paul L. Arrington

Barker Rosholt & Simpson, LLP

208-733-0700 – Office

208-404-9436 – Cell

208-735-2444 – Fax

CONFIDENTIALITY NOTICE: This e-mail and its attachments are confidential and may be privileged. If you believe this e-mail has been sent to you in error, please notify the sender immediately and delete this email. Do not deliver, distribute or copy this transmission.

From: Edl, Michele [<mailto:Michele.Edl@idwr.idaho.gov>]
Sent: Thursday, February 25, 2016 10:50 AM
To: Paul Arrington <pla@idahowaters.com>
Subject: RE: water availability for George Kelley

From: Paul Arrington [<mailto:pla@idahowaters.com>]
Sent: Thursday, February 25, 2016 10:24 AM
To: Edl, Michele
Cc: 'Erick Powell'; Paul Arrington
Subject: RE: water availability for George Kelley

Based on your email, I see the following:

1. **45-2746:** 202 acres available for this season only – but the right is thin per acre. Yes. 0.009 cfs/ac vs standard 0.02 cfs/ac
2. **45-11969:** 38.4 acres available until 2020; and (Sorry, I should have been more specific; through Dec 31, 2020)
3. **45-13998/14000:** Some number of acres available until 2017. (through Dec 31, 2017)

I need a some additional information:

- Can you calculate how many acres would be available under the commercial/stock right? Maybe 45 ac to start; ~41 ac if my assumption about the LDS church application holds true.
- Can you tell me the cost of each of the three rentals, above? \$17 per ac-ft for 2016 & 2017; \$20 per ac-ft for 2018-2022
- Can we do a separate rental agreement for each part to take advantage of all the time they have left in the bank? Yes

Thanks,

Paul L. Arrington

Barker Rosholt & Simpson, LLP

208-733-0700 – Office

208-404-9436 – Cell

208-735-2444 – Fax

CONFIDENTIALITY NOTICE: This e-mail and its attachments are confidential and may be privileged. If you believe this e-mail has been sent to you in error, please notify the sender immediately and delete this email. Do not deliver, distribute or copy this transmission.

From: Edl, Michele [<mailto:Michele.Edl@idwr.idaho.gov>]

Sent: Thursday, February 25, 2016 9:56 AM

To: Paul Arrington <pla@idahowaters.com>

Cc: erick.powell@brockwayeng.com

Subject: FW: water availability for George Kelley

Mr. Arrington,

As I promised in our phone conversation this morning, here is more detail related to the water available for Mr. Kelley to rent.

45-2746 is in the WSB through this year, 2016

As of today, it has 1.9 cfs, 754.1 ac-ft for ~202.4 ac. You will notice that this right at .009 cfs/ac is very thin on the ground.

45-11969 is in the WSB until 2020

As of today, it has .12 cfs, 38.4 ac-ft for ~9.6 ac

45-13998 & 45-14000 are paired and in the WSB until 2017

As of today, they have 1.04cfs, 180.8 ac-ft. Acres aren't calculated yet. It's a commercial & stock use.

The LDS church appears to be first in line for the rights. If I assume their need is the same this year as last, then this pair may have .96 cfs, and 166.4 ac-ft available.

The other right you mentioned may not be completely valid for rental.

Therefore, no combination of these rights will give Mr. Kelley the 5-yr term that he requested.

But an application to rent water can be processed on these rights.

Please advise me soon as to how your client wants to proceed. In addition to amending the application, we will likely need to see new modeling.

Sincerely,

Michele Edl

287-4946

From: Edl, Michele

Sent: Wednesday, February 24, 2016 6:23 PM

To: 'erick.powell@brockwayeng.com'

Cc: 'pla@idahowaters.com'

Subject: water availability for George Kelley

Mr. Powell,

I have been assigned to review and if possible draft a rental agreement to fulfill Mr. Kelly's request for water from the Water Supply Bank.

In my initial review of the availability of the proposed rental rights, I found that less water is available from WR# 45-11969 that you had anticipated. And it appears that the rental will be limited to the 2016 season only, because the lease term of 45-2746 expires in December 2016.

If these limitations are acceptable to your client, I will proceed with processing the rental application. If you would like to locate and add water rights to the previous rental application, please give me an idea of how soon you will be able to amend the application.

Sincerely,
Michele Edl

Water Right No.	Rented Vol (AF)	Lessor Fee (90%)	Administrative Fee (10%)	Total Fee @ \$17 (2016)	Rental Amounts		Lessor Fee (90%)	Administrative Fee (10%)	Total Fee @ \$20 (2018-2022)
					Rate (cfs)	Acres			
45-13998	110.30	\$1,687.59	\$187.51	\$1,875.10	0.64	27.56	0	0	0.00
45-14000	56.1	\$858.33	\$95.37	\$953.70	0.32	14.04	0	0	0.00
45-11969/1-10443	38.4	\$587.52	\$65.28	\$652.80	0.13	9.60	0	0	0.00
45-2746	754.1	\$11,537.73	\$1,281.97	\$12,819.70	1.90	202.40	0	0	0.00
	0	\$0.00	\$0.00	\$0.00	0.00	0.00			
Total	958.90	\$14,671.17	\$1,630.13	\$16,301.30	2.63	253.60	0	0	0.00

Edl, Michele

From: Paul Arrington [pla@idahowaters.com]
Sent: Friday, February 26, 2016 11:53 AM
To: Edl, Michele
Cc: Paul Arrington
Subject: Kelley Water Bank
Attachments: DOC022616.pdf

Michele:

This is the Aerial photo that we used to authorize the prior water bank transaction - which was for 266 acres. The last time, we were only required to turn off the southern pivot end guns. The Kelleys will turn off the end guns in the middle pivot this time as well. This will get them down to 253 acres.

Thanks,

Paul L. Arrington
Barker Rosholt & Simpson, LLP
208-733-0700 - Office
208-404-9436 - Cell
208-735-2444 - Fax

CONFIDENTIALITY NOTICE: This e-mail and its attachments are confidential and may be privileged. If you believe this e-mail has been sent to you in error, please notify the sender immediately and delete this email. Do not deliver, distribute or copy this transmission.

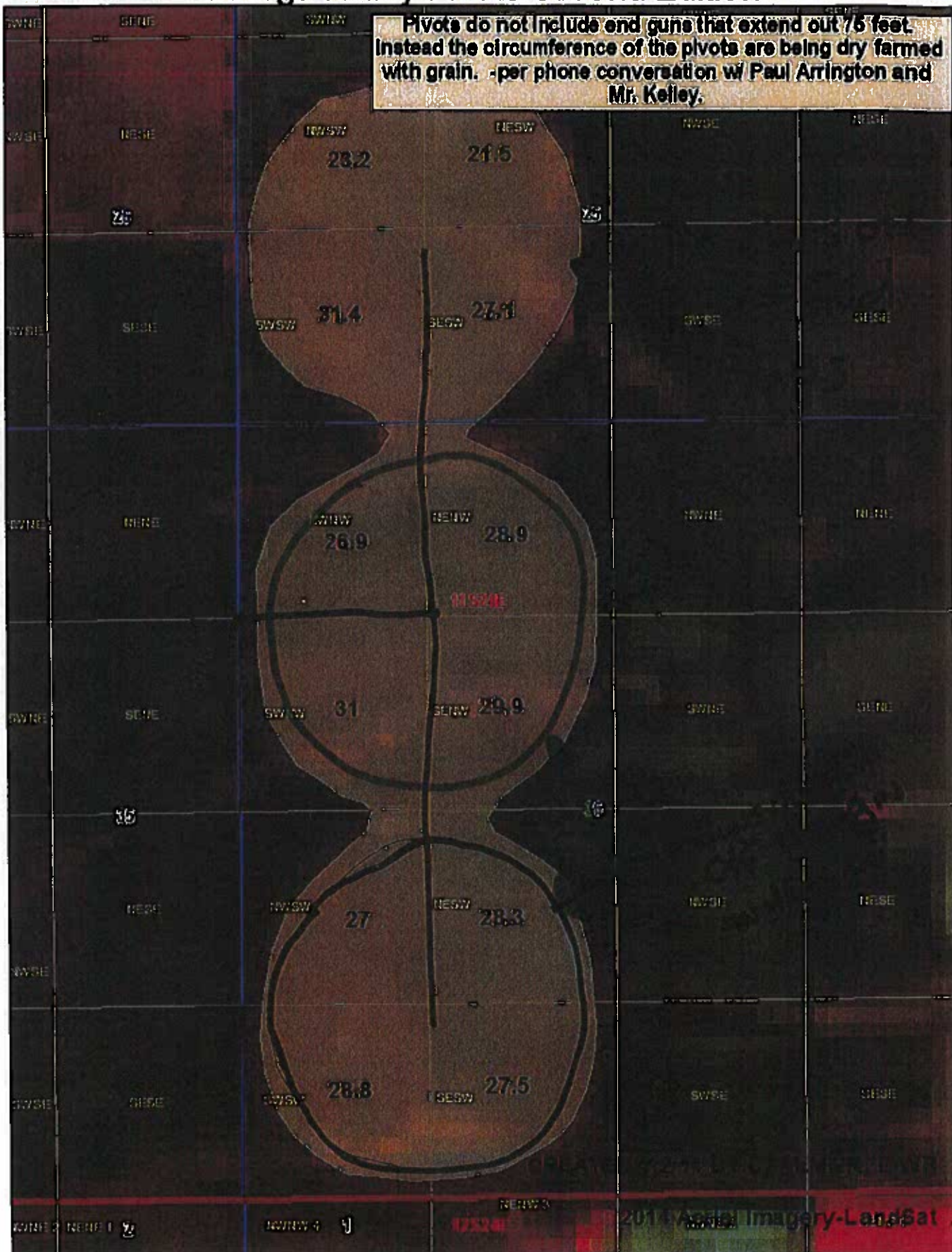
-----Original Message-----

From: Toshiba Scanner Twin Falls [<mailto:scan@idahowaters.com>]
Sent: Friday, February 26, 2016 11:49 AM
To: Paul Arrington <pla@idahowaters.com>
Subject: Send data from MFP11459028 [PLA_E-MAIL] 02/26/2016 11:49

Scanned from MFP11459028
E-mail
PLA_E-MAIL
Date:02/26/2016 11:49
Pages:1
Resolution:300x300 DPI

George Kelley Pivots Second Edition

Pivots do not include end guns that extend out 75 feet. Instead the circumference of the pivots are being dry farmed with grain. -per phone conversation w/ Paul Arrington and Mr. Kelley.



Palmer, Cherie

From: Erick Powell [erick.powell@brockwayeng.com]
Sent: Wednesday, December 09, 2015 3:54 PM
To: Palmer, Cherie
Cc: 'Paul Arrington'
Subject: RE: George Kelley Rental
Attachments: Theis prediction.pdf; ESPA Modeling Results Kelley Water Bank.pdf; Memo modeling results 20151209.pdf

Cherie,
Here are the documents you requested.

Regards,
Erick

From: Palmer, Cherie [mailto:Cherie.Palmer@idwr.idaho.gov]
Sent: Wednesday, December 09, 2015 1:54 PM
To: Erick Powell
Subject: RE: George Kelley Rental

Erick,

Thank you for your email. Can you please send over the modeling. I think this is the best shot at getting Mr. Kelley some water this season. We will evaluate the modeling and your memo once we have everything. Thanks.

Cherie

From: Erick Powell [mailto:erick.powell@brockwayeng.com]
Sent: Thursday, December 03, 2015 1:42 PM
To: Palmer, Cherie
Cc: 'Paul Arrington'
Subject: George Kelley Rental

Hi Cherie,
I've put together the following memo. Take a look at this and let me know if this will work for you and what you need. Again, I show the benefit from moving the water rights out of the ESPA and then the impacts to neighboring wells from a Theis analysis.

Regards,
Erick

G. Erick Powell, Ph.D., P.E.
Brockway Engineering, PLLC
2016 Washington Street North, #4
Twin Falls, Idaho 83301
Office: 208-736-8543
erick.powell@brockwayeng.com

All information, calculations, maps, drawings, or other documents transmitted via email are preliminary unless explicitly stated in the email text or in the documents themselves.



Memo

To: Cherie Palmer, IDWR
From: Erick Powell
Cc: Paul Arrington
Date: 12/2/2105
Re: George Kelley Water Bank Rental Evaluation

The intent of this memo is to address the modeling evaluation requested by IDWR of George Kelley renting groundwater from the water supply bank. IDWR originally suggested that we model the impacts of the proposed rental with ESPAM 2.1, the best available tool to evaluate the impacts of groundwater diversions to reaches of the Snake River. The proposed points of diversion by Mr. Kelley are within a 2-model cells buffer of the EPSA boundary, which IDWR recommended using the EPSAM 2.1 and moving the proposed points of diversion to the nearest model cell. This approach, in my professional opinion, will yield incorrect results, as the Kelley points of diversion are located in a geologic feature which has little hydrologic connection to the nearest EPSA model cell.

I visited with Cherie Palmer, IDWR, today regarding possible modeling solutions. As a result of our discussion, we concluded that we will use the EPSA model to show the positive impact to the Snake River reaches from stopping pumping at the current leased points of diversion. Since the proposed rental points of diversion are outside of the EPSA boundary, we cannot use ESPAM to evaluate the impact of the rental points of diversion. We have performed a Theis analysis to show the cone of depression and maximum drawdown that will be experienced by neighboring wells over the course of the irrigation season.

Water Bank rental policies allow water to be rented within the same administrative basin, which is Basin 45 for the Kelley rental. From my conversation with Cherie Palmer, I understand that there are approximately 200 acres of irrigation water from water right 45-2746 and approximately 88 acres of irrigation water from water right 45-11969 that are available to be rented for the 2016 irrigation season. This analysis assumes that these rights are available to be rented.

Water right 45-2746 was accepted into the Water Supply Bank on 5/20/2005 for its full decreed amount of 2 cfs and 798.5 AFA on 214.3 acres of irrigation. IDWR has rented approximately 12 acres for the 2016 irrigation season, which leaves approximately 200 acres available. Water right no. 45-11969 was accepted into the Water Supply Bank on 5/5/2010 for its full decreed amount of 1.26 cfs and 378.4 AFA on 94.6 acres of irrigation. IDWR has rented approximately 6 acres for the 2016 irrigation season, which leaves approximately 88 acres available.

The ESPAM 2.1 was used to show the decreased pumping of 745.2 AFA (200 acres and 1.87 cfs) within model cell 84,50 from water right no. 45-2746 and 352 AFA (88 acres and 1.17 cfs) within model cell 88,55 from water right no. 45-11969. Since the ESPAM 2.1 transfer tool uses trimester volumes of pumping, I weighted the pumping based on ET-Idaho (Allen and Robison, 2012) for alfalfa in Burley to 42.5% for the spring trimester and 57.5% for the summer trimester; the winter trimester had no extraction modeled.

The model was only showing a cessation of pumping at these points of diversion, the obvious model results show that there is an overall benefit to the Snake River in every river reach. The model results are shown in Table 1.

Table 1. ESPAM 2.1 simulated steady state results of cessation of pumping 745.2 AFA from water right no. 45-2746 and 352 AFA from water right no. 45-11969 to Snake River reaches (AFA).

A-R	H-S	S-NB	NB-N	N-M	DW-B	B-Kspr	Kspr	Kspr-M	M	M-B
4.38	12.86	38.59	122.34	7.38	58.44	55.35	24.52	15.44	14.06	0.87

In order to evaluate the impact of the proposed point of diversion to nearby wells, we used the Theis analysis to predict the drawdown of pumping 1,097.2 AFA. The rentable water rights allow for the combined maximum diversion rate of 3.04 cfs and an average diversion rate of 2.77 cfs. The closest well to the proposed points of diversion that is not owned by Mr. Kelley are located approximately 1.19 miles to the east-southeast. For simplicity, we have rounded this distance down to 1 mile. The Theis analysis requires estimates of the Albion Valley aquifer parameters, which were based on pumping records and estimated to be hydraulic conductivity of 7.1 ft/day, storage coefficient of 0.15, and transmissivity of 8237 gpd/ft. A pumping rate of 2.77 cfs for 200 days results in a drawdown prediction on day 200 of 0.03 ft drawdown at 1 mile.

Seasonal fluxuations occur in the Albion Valley groundwater system, and a decrease of 0.03 ft would be undetectable for the actual well user.

RECHARGE GROUNDWATER RISE ESTIMATION
ALBION 12 INVESTMENTS, LLC
12/8/2015

Drawdown estimated using Theis approach
 Brockway Engineering, PLLC

Hydraulic conductivity	7.1 ft/day			
Saturated thickness	155.1 feet			
Transmissivity	8237.05 gpd/ft	Pumping rate	2.77 cfs or	1243 gpm
Storage coefficient	0.15	Pumping time	4800 hrs	

Time (days)	(hrs)	R = 1000 feet			R = 5280 feet			R = 6283 feet		
		u	W(u)	z (feet)	u	W(u)	z (feet)	u	W(u)	z (feet)
0.0	0	--	--	0.00	--	--	0.00	--	--	0.00
8.3	200	4.1E+00	0.003	0.06	1.1E+02	0.000	0.00	1.6E+02	0.000	0.00
16.7	400	2.0E+00	0.046	0.80	5.7E+01	0.000	0.00	8.1E+01	0.000	0.00
25.0	600	1.4E+00	0.123	2.13	3.8E+01	0.000	0.00	5.4E+01	0.000	0.00
33.3	800	1.0E+00	0.212	3.66	2.8E+01	0.000	0.00	4.0E+01	0.000	0.00
41.7	1000	8.2E-01	0.301	5.21	2.3E+01	0.000	0.00	3.2E+01	0.000	0.00
50.0	1200	6.8E-01	0.388	6.70	1.9E+01	0.000	0.00	2.7E+01	0.000	0.00
58.3	1400	5.8E-01	0.470	8.12	1.6E+01	0.000	0.00	2.3E+01	0.000	0.00
66.7	1600	5.1E-01	0.547	9.46	1.4E+01	0.000	0.00	2.0E+01	0.000	0.00
75.0	1800	4.5E-01	0.620	10.72	1.3E+01	0.000	0.00	1.8E+01	0.000	0.00
83.3	2000	4.1E-01	0.688	11.90	1.1E+01	0.000	0.00	1.6E+01	0.000	0.00
91.7	2200	3.7E-01	0.753	13.02	1.0E+01	0.000	0.00	1.5E+01	0.000	0.00
100.0	2400	3.4E-01	0.814	14.07	9.5E+00	0.000	0.00	1.3E+01	0.000	0.00
108.3	2600	3.1E-01	0.871	15.07	8.8E+00	0.000	0.00	1.2E+01	0.000	0.00
116.7	2800	2.9E-01	0.926	16.02	8.1E+00	0.000	0.00	1.2E+01	0.000	0.00
125.0	3000	2.7E-01	0.978	16.92	7.6E+00	0.000	0.00	1.1E+01	0.000	0.00
133.3	3200	2.6E-01	1.028	17.78	7.1E+00	0.000	0.00	1.0E+01	0.000	0.00
141.7	3400	2.4E-01	1.075	18.59	6.7E+00	-0.001	-0.03	9.5E+00	0.000	0.00
150.0	3600	2.3E-01	1.120	19.38	6.3E+00	0.000	-0.01	9.0E+00	0.000	0.00
158.3	3800	2.2E-01	1.164	20.13	6.0E+00	0.000	0.00	8.5E+00	0.000	0.00
166.7	4000	2.0E-01	1.205	20.85	5.7E+00	0.000	0.01	8.1E+00	0.000	0.00
175.0	4200	1.9E-01	1.245	21.54	5.4E+00	0.001	0.01	7.7E+00	0.000	0.00
183.3	4400	1.9E-01	1.284	22.20	5.2E+00	0.001	0.02	7.3E+00	0.000	0.00
191.7	4600	1.8E-01	1.321	22.84	5.0E+00	0.001	0.02	7.0E+00	0.000	0.00
200.0	4800	1.7E-01	1.356	23.46	4.7E+00	0.002	0.03	6.7E+00	-0.002	-0.03
208.3	5000	1.6E-01	1.391	24.06	4.6E+00	0.002	0.03	6.5E+00	-0.001	-0.01

Analysis of Independent Water Bank

New Water Right Rental (Kelley):

WR No	Div Rate (CFS)	Con Vol (AFA)	No. of Irr Acres	Priority Date	POD Location	Dedicated Vol AFA/ AFT	Model Node
Water Bank 1: Proposed Steady State Impacts following Rental							
2746, 11981	777	750.0	288.0	Varies	108 23E-20 & 24E-2	868.5	288.8 184050 & SP081
	0	0	288	Varies	108 23E-20 & 24E-2	868.5	288.8 5P094054
Water Bank1: Worst Case Transient State Impacts following Rental							
777	750	288	Varies	108 23E-20 & 24E-2	868.5	288.8 184050 & SP081	Page 13
777	750	288	Varies	108 23E-20 & 24E-2	868.5	288.8 5P088096	Page 13

Impact by Reach (AF/Triester)

Ashton to Rezburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft to Neeley	Neeley to Mindoka	Dev Wbl To Buht	Buht to Kspr	Kspr to Kspr to Malad	Malad to Malad to Bancroft
3.46	10.16	30.47	96.61	5.63	46.16	43.71	19.36	12.20
0.01	0.02	0.04	0.13	0.00	0.02	0.02	0.01	0.01
3.46	10.16	30.48	96.63	5.63	46.24	43.74	19.37	12.20
2.79	9.08	28.89	91.83	5.63	44.87	42.55	18.87	11.89

Steady State Analysis

Mitigation Check 1 - >10% of Historical	-99.8%	-99.8%	-99.9%	-99.9%	-99.9%	-100.0%	-99.9%	-99.9%	-99.9%	-99.9%	-99.9%
Mitigation Check 2 - > 2 AF/T	-3.4	-10.1	-30.4	-96.5	-5.8	-46.1	-43.7	-19.4	-12.2	-11.1	-0.7
Mitigation Check 3 - >10% of Total	4.8%	7.6%	15.1%	46.6%	1.6%	7.4%	8.5%	3.8%	2.4%	2.2%	0.1%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	-3.4	-10.1	-30.4	-96.5	-5.8	-46.1	-43.7	-19.4	-12.2	-11.1	-0.7

Transient State Analysis

Mitigation Check 1 - >10% of Historical	-19.4%	-10.6%	-5.2%	-5.0%	-3.4%	-3.0%	-2.7%	-2.6%	-2.5%	-2.4%	-2.4%
Mitigation Check 2 - > 2 @1 AF/T	-0.7	-1.1	-1.6	-4.8	-0.2	-1.4	-1.2	-0.5	-0.3	-0.3	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	-0.7	-1.1	-1.6	-4.8	-0.2	-1.4	-1.2	-0.5	-0.3	-0.3	0.0

Read the

ENHANCED GROUND-WATER RIGHTS TRANS

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPA

Cells this color are
set up for user entries

1	2	3
4		

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

YEAR 2000 TRANSFER NAME:
SEASON SPRING Kelley Water Ban

ENTER CELL LOCATIONS:

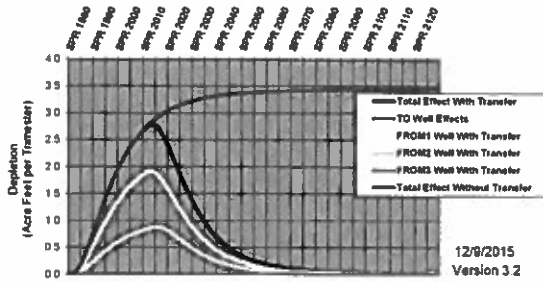
	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	94	84	88	0
COLUMN	54	50	55	0

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 1980	0	256	256	112	112	100	100
SUM 1980	0	346	346	152	152	100	100
WIN 1980	0	0	0	0	0	100	100
SPR 1981	0	256	256	112	112	100	100
SUM 1981	0	346	346	152	152	100	100
WIN 1981	0	0	0	0	0	100	100
SPR 1982	0	256	256	112	112	100	100
SUM 1982	0	346	346	152	152	100	100
WIN 1982	0	0	0	0	0	100	100
SPR 1983	0	256	256	112	112	100	100
SUM 1983	0	346	346	152	152	100	100
WIN 1983	0	0	0	0	0	100	100
SPR 1984	0	256	256	112	112	100	100
SUM 1984	0	346	346	152	152	100	100
WIN 1984	0	0	0	0	0	100	100
SPR 1985	0	256	256	112	112	100	100
SUM 1985	0	346	346	152	152	100	100
WIN 1985	0	0	0	0	0	100	100
SPR 1986	0	256	256	112	112	100	100
SUM 1986	0	346	346	152	152	100	100
WIN 1986	0	0	0	0	0	100	100
SPR 1987	0	256	256	112	112	100	100
SUM 1987	0	346	346	152	152	100	100
WIN 1987	0	0	0	0	0	100	100
SPR 1988	0	256	256	112	112	100	100
SUM 1988	0	346	346	152	152	100	100
WIN 1988	0	0	0	0	0	100	100
SPR 1989	0	256	256	112	112	100	100
SUM 1989	0	346	346	152	152	100	100
WIN 1989	0	0	0	0	0	100	100
SPR 1990	0	256	256	112	112	0	100
SUM 1990	0	346	346	152	152	0	100
WIN 1990	0	0	0	0	0	0	100
SPR 1991	0	256	256	112	112	0	100
SUM 1991	0	346	346	152	152	0	100
WIN 1991	0	0	0	0	0	0	100
SPR 1992	0	256	256	112	112	0	100
SUM 1992	0	346	346	152	152	0	100
WIN 1992	0	0	0	0	0	0	100
SPR 1993	0	256	256	112	112	0	100
SUM 1993	0	346	346	152	152	0	100

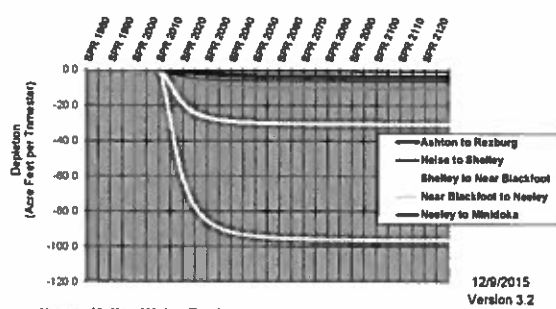
WIN 1993	0	0	0	0	0	0	100
SPR 1994	0	256	256	112	112	0	100
SUM 1994	0	346	346	152	152	0	100
WIN 1994	0	0	0	0	0	0	100
SPR 1995	0	256	256	112	112	0	100
SUM 1995	0	346	346	152	152	0	100
WIN 1995	0	0	0	0	0	0	100
SPR 1996	0	256	256	112	112	0	100
SUM 1996	0	346	346	152	152	0	100
WIN 1996	0	0	0	0	0	0	100
SPR 1997	0	256	256	112	112	0	100
SUM 1997	0	346	346	152	152	0	100
WIN 1997	0	0	0	0	0	0	100
SPR 1998	0	256	256	112	112	0	100
SUM 1998	0	346	346	152	152	0	100
WIN 1998	0	0	0	0	0	0	100
SPR 1999	0	256	256	112	112	0	100
SUM 1999	0	346	346	152	152	0	100
WIN 1999	0	0	0	0	0	0	100
SPR 2000	0	256	256	112	112	0	100
SUM 2000	0	346	346	152	152	0	100
WIN 2000	0	0	0	0	0	0	100
SPR 2001	0	256	256	112	112	0	100
SUM 2001	0	346	346	152	152	0	100
WIN 2001	0	0	0	0	0	0	100
SPR 2002	0	256	256	112	112	0	100
SUM 2002	0	346	346	152	152	0	100
WIN 2002	0	0	0	0	0	0	100
SPR 2003	0	256	256	112	112	0	100
SUM 2003	0	346	346	152	152	0	100
WIN 2003	0	0	0	0	0	0	100
SPR 2004	0	256	256	112	112	0	100
SUM 2004	0	346	346	152	152	0	100
WIN 2004	0	0	0	0	0	0	100
SPR 2005	0	256	256	112	112	0	100
SUM 2005	0	346	346	152	152	0	100
WIN 2005	0	0	0	0	0	0	100
SPR 2006	0	256	256	112	112	0	100
SUM 2006	0	346	346	152	152	0	100
WIN 2006	0	0	0	0	0	0	100
SPR 2007	0	256	256	112	112	0	100
SUM 2007	0	346	346	152	152	0	100
WIN 2007	0	0	0	0	0	0	100
SPR 2008	0	256	256	112	112	0	100
SUM 2008	0	346	346	152	152	0	100
WIN 2008	0	0	0	0	0	0	100
SPR 2009	0	256	256	112	112	0	100
SUM 2009	0	346	346	152	152	0	100
WIN 2009	0	0	0	0	0	0	100
SPR 2010	0	0	256	112	112	0	100
SUM 2010	0	0	346	152	152	0	100
WIN 2010	0	0	0	0	0	0	100
SPR 2011	0	0	256	112	112	0	100
SUM 2011	0	0	346	152	152	0	100
WIN 2011	0	0	0	0	0	0	100
SPR 2012	0	0	256	112	112	0	100
SUM 2012	0	0	346	152	152	0	100
WIN 2012	0	0	0	0	0	0	100
SPR 2013	0	0	256	0	112	0	100
SUM 2013	0	0	346	0	152	0	100
WIN 2013	0	0	0	0	0	0	100
SPR 2014	0	0	256	0	112	0	100
SUM 2014	0	0	346	0	152	0	100
WIN 2014	0	0	0	0	0	0	100
SPR 2015	0	0	256	0	112	0	100
SUM 2015	0	0	346	0	152	0	100
WIN 2015	0	0	0	0	0	0	100
SPR 2016	0	0	256	0	112	0	100
SUM 2016	0	0	346	0	152	0	100
WIN 2016	0	0	0	0	0	0	100
SPR 2017	0	0	256	0	112	0	100
SUM 2017	0	0	346	0	152	0	100
WIN 2017	0	0	0	0	0	0	100
SPR 2018	0	0	256	0	112	0	100

SUM 2018	0	0	346	0	152	0	100
WIN 2018	0	0	0	0	0	0	100
SPR 2019	0	0	256	0	112	0	100
SUM 2019	0	0	346	0	152	0	100
WIN 2019	0	0	0	0	0	0	100
SPR 2020	0	0	256	0	112	0	100
SUM 2020	0	0	346	0	152	0	100
WIN 2020	0	0	0	0	0	0	100
SPR 2021	0	0	256	0	112	0	100
SUM 2021	0	0	346	0	152	0	100
WIN 2021	0	0	0	0	0	0	100
SPR 2022	0	0	256	0	112	0	100
SUM 2022	0	0	346	0	152	0	100
WIN 2022	0	0	0	0	0	0	100
SPR 2023	0	0	256	0	112	0	100
SUM 2023	0	0	346	0	152	0	100
WIN 2023	0	0	0	0	0	0	100
SPR 2024	0	0	256	0	112	0	100
SUM 2024	0	0	346	0	152	0	100
WIN 2024	0	0	0	0	0	0	100
SPR 2025	0	0	256	0	112	0	100
SUM 2025	0	0	346	0	152	0	100
WIN 2025	0	0	0	0	0	0	100
SPR 2026	0	0	256	0	112	0	100
SUM 2026	0	0	346	0	152	0	100
WIN 2026	0	0	0	0	0	0	100
SPR 2027	0	0	256	0	112	0	100
SUM 2027	0	0	346	0	152	0	100
WIN 2027	0	0	0	0	0	0	100
SPR 2028	0	0	256	0	112	0	100
SUM 2028	0	0	346	0	152	0	100

Hydrologic Response--Ashton to Rexburg
Customer Name: Kelley Water Bank Transfer No:



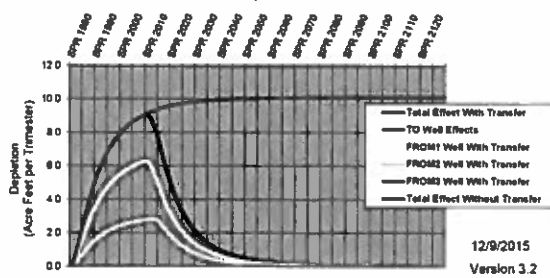
Net Transfer Effect Above Milner
(Total Effect With Transfer - Total Effect Without Transfer)



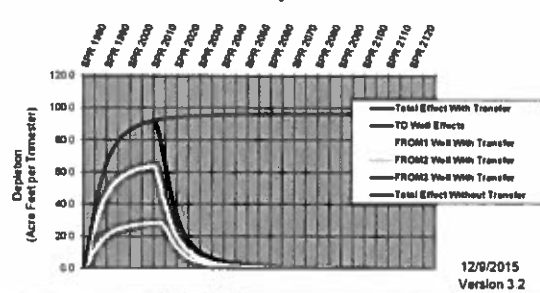
Customer Name: Kelley Water Bank

Transfer No:

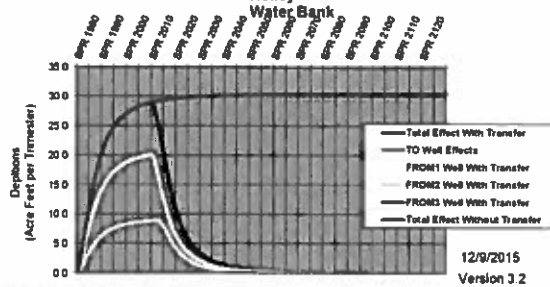
Hydrologic Response--Helise to Shelley
Customer Name: Kelley Water Bank Transfer No:



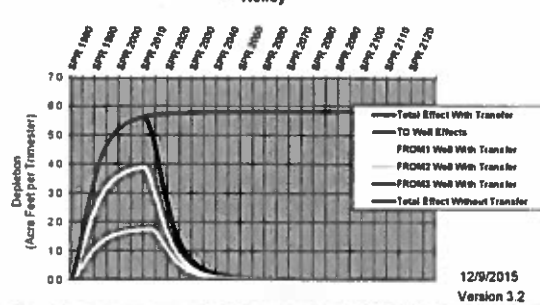
Hydrologic Response--Near Blackfoot to Neeley
Customer Name: Kelley Transfer No:



Hydrologic Response--Shelley to Near Blackfoot
Customer Name: Kelley Water Bank Transfer No:

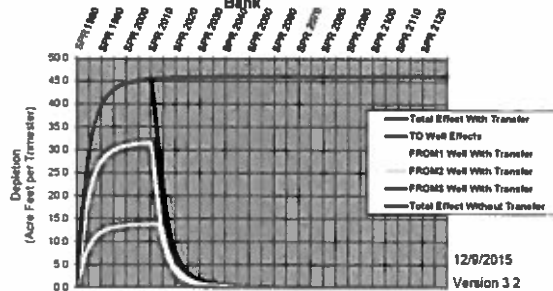


Hydrologic Response--Neeley to Minidoka
Customer Name: Kelley Transfer No:



Hydrologic Response-Devil's Washbowl to Buhl

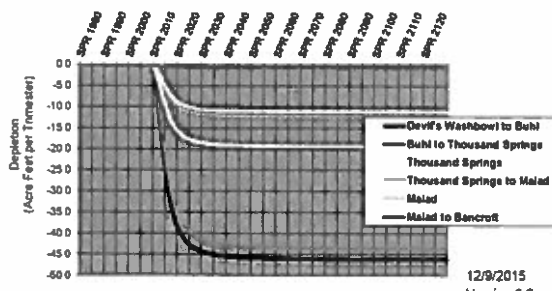
Customer Name: Kelley Water Bank Transfer No:



12/9/2015
Version 3.2

Net Transfer Effect Below Milner

(Total Effect With Transfer - Total Effect Without Transfer)



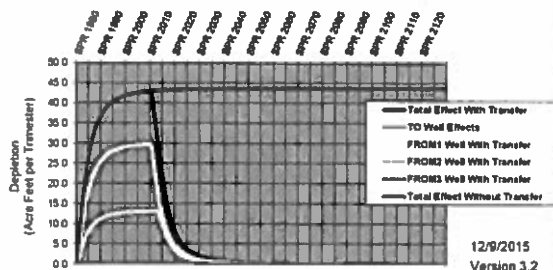
12/9/2015
Version 3.2

Customer Name: Kelley Water Bank

Transfer No:

Hydrologic Response-Buhl to Thousand Springs

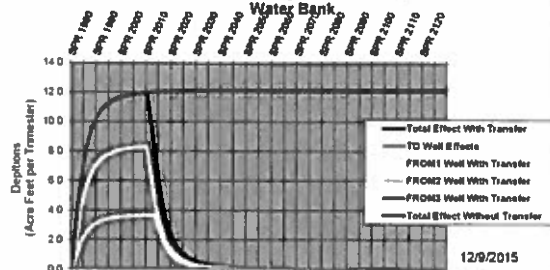
Customer Name: Kelley Water Bank Transfer No:



12/9/2015
Version 3.2

Hydrologic Response-Thousand Springs to Malad

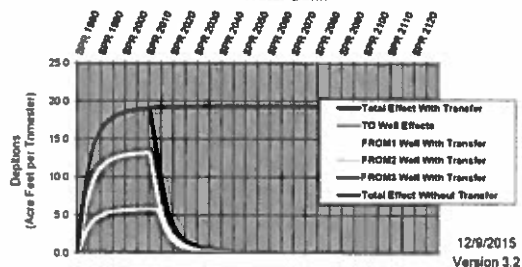
Customer Name: Kelley Water Bank Transfer No:



12/9/2015
Version 3.2

Hydrologic Response-Thousand Springs to Malad

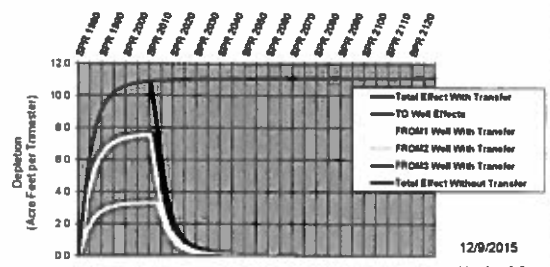
Customer Name: Kelley Water Bank Transfer No:



12/9/2015
Version 3.2

Hydrologic Response-Malad to Bancroft

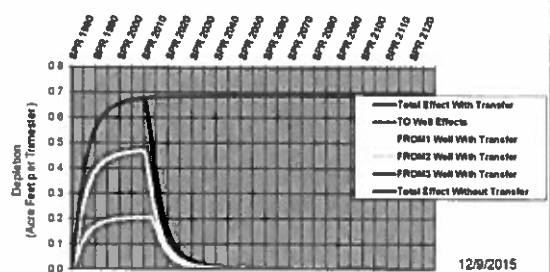
Customer Name: Kelley Water Bank Transfer No:



12/9/2015
Version 3.2

Hydrologic Response-Malad to Bancroft

Customer Name: Kelley Water Bank Transfer No:



12/9/2015
Version 3.2

	TOTAL EFFECTIVE WATER TRANSFER (in ft./month)										Kapr	Kapr to	Maled	Maled to
	Ashten to	Halse to	Shelley to	Nr Bick to	Nr Bick to	Nr Bick to	Dev. Wbl.	Buhl to	Kapr	Kapr to				
	Shelley to	Nr Bick to	Nr Bick to	Nr Bick to	Nr Bick to	Dev. Wbl.	Buhl to	Kapr	Kapr to					
SPR 1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
WIN 2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SPR 2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0</						

SUM 2013	2.1	8.4	24.1	75.4	5.1	29.1	25.2	11.1	8.5	7.8	0.5
VAN 2013	2.1	8.4	23.8	75.4	5.0	27.8	27.0	12.4	7.9	7.4	0.5
SPR 2014	2.1	8.2	22.8	70.8	4.8	25.8	25.0	11.1	7.4	7.0	0.4
SUM 2014	2.1	7.0	22.1	69.3	4.5	24.1	24.3	10.1	7.0	6.6	0.4
VAN 2014	2.1	7.3	21.2	65.7	4.5	22.5	22.1	10.3	6.5	6.2	0.4
SPR 2015	2.1	7.1	20.4	63.3	4.4	20.9	21.3	9.8	6.1	5.8	0.4
SUM 2015	2.1	7.5	19.7	60.5	4.4	19.4	19.9	9.0	5.7	5.5	0.4
VAN 2015	2.1	7.3	18.9	58.3	4.3	18.1	18.6	8.4	5.4	5.1	0.3
SPR 2016	2.1	7.1	18.1	55.5	4.1	16.8	17.4	7.9	5.0	4.8	0.3
SUM 2016	2.1	7.0	17.4	53.1	4.0	15.7	16.2	7.3	4.7	4.5	0.3
VAN 2016	2.1	6.8	16.6	50.8	3.9	14.8	15.2	6.8	4.4	4.2	0.3
SPR 2017	2.1	6.6	15.8	48.6	3.7	13.6	14.2	6.4	4.1	4.0	0.3
SUM 2017	2.1	6.4	15.2	46.4	3.8	12.3	13.1	6.0	3.8	3.7	0.2
VAN 2017	2.1	6.4	14.6	44.4	3.4	11.8	12.4	5.8	3.6	3.5	0.2
SPR 2018	2.1	6.4	14.0	42.4	3.3	11.1	11.6	5.3	3.4	3.3	0.2
SUM 2018	2.1	6.3	13.4	40.4	3.2	10.3	10.9	4.9	3.2	3.1	0.2
VAN 2018	2.1	6.1	12.7	38.1	3.1	9.7	10.2	4.6	3.0	2.9	0.2
SPR 2019	2.1	6.1	12.2	36.1	2.9	8.1	8.8	4.4	2.8	2.7	0.2
SUM 2019	2.1	6.4	11.7	34.3	2.8	6.5	6.5	4.1	2.6	2.5	0.2
VAN 2019	2.1	6.2	11.2	31.8	2.7	5.9	5.4	3.8	2.5	2.4	0.2
SPR 2020	2.1	6.1	10.7	29.3	2.6	7.5	7.0	3.6	2.3	2.3	0.2
SUM 2020	2.1	4.8	10.3	30.9	2.3	7.0	7.5	3.4	2.2	2.1	0.1
VAN 2020	2.1	4.8	9.8	29.5	2.4	6.8	7.1	3.2	2.1	2.0	0.1
SPR 2021	2.1	4.8	9.4	28.3	2.3	6.2	6.7	3.0	1.9	1.8	0.1
SUM 2021	2.1	4.8	9.0	27.0	2.2	6.3	6.5	2.9	1.8	1.8	0.1
VAN 2021	2.1	4.4	8.6	25.9	2.1	5.5	6.0	2.7	1.7	1.7	0.1
SPR 2022	2.1	4.7	8.3	24.6	2.0	6.2	5.8	2.8	1.6	1.6	0.1
SUM 2022	2.1	4.7	7.9	23.1	1.9	4.8	5.1	2.4	1.5	1.5	0.1
VAN 2022	2.1	4.6	7.5	22.1	1.8	4.1	4.3	2.3	1.5	1.4	0.1
SPR 2023	2.1	3.8	7.5	21.8	1.7	4.4	4.8	2.2	1.4	1.4	0.1
SUM 2023	2.1	3.8	7.0	20.9	1.7	4.2	4.6	2.1	1.3	1.3	0.1
VAN 2023	2.1	3.8	6.7	20.1	1.8	4.6	4.3	2.0	1.2	1.2	0.1
SPR 2024	2.1	3.1	6.5	18.4	1.3	3.8	4.1	1.8	1.2	1.2	0.1
SUM 2024	1.8	3.4	6.2	18.8	1.4	3.0	3.9	1.8	1.1	1.1	0.1
VAN 2024	1.8	3.2	6.1	17.3	1.4	3.4	3.1	1.7	1.1	1.0	0.1
SPR 2025	1.8	3.2	5.7	17.1	1.3	3.2	3.5	1.6	1.0	1.0	0.1
SUM 2025	1.8	3.1	5.5	16.4	1.3	3.1	3.4	1.5	1.0	0.9	0.1
VAN 2025	1.8	3.1	5.3	15.8	1.2	2.8	3.2	1.4	0.9	0.9	0.1
SPR 2026	1.7	3.0	5.1	15.2	1.1	2.6	3.1	1.4	0.8	0.8	0.1
SUM 2026	1.7	2.8	4.8	14.6	1.1	2.8	2.9	1.3	0.8	0.8	0.1
VAN 2026	1.7	2.8	4.7	14.3	1.0	2.5	2.8	1.3	0.8	0.8	0.1
SPR 2027	1.8	2.7	4.4	13.1	1.0	2.4	2.7	1.2	0.8	0.7	0.1
SUM 2027	1.8	2.7	4.4	13.0	0.9	2.3	2.5	1.1	0.7	0.7	0.0
VAN 2027	1.8	2.6	4.3	12.3	0.9	2.2	2.4	1.1	0.7	0.7	0.0
SPR 2028	1.5	2.4	4.1	12.1	0.9	2.1	2.3	1.0	0.7	0.7	0.0
SUM 2028	1.5	2.4	3.9	11.1	0.8	2.0	2.2	1.0	0.6	0.6	0.0
VAN 2028	1.5	2.4	3.8	11.2	0.8	1.9	2.1	1.0	0.6	0.6	0.0
SPR 2029	1.5	2.3	3.7	10.8	0.8	1.8	2.0	0.9	0.6	0.6	0.0
SUM 2029	1.4	2.2	3.6	10.5	0.7	1.8	2.0	0.9	0.6	0.5	0.0
VAN 2029	1.4	2.2	3.4	10.1	0.7	1.7	1.9	0.8	0.5	0.5	0.0
SPR 2030	1.4	2.1	3.3	9.8	0.7	1.6	1.8	0.8	0.5	0.5	0.0
SUM 2030	1.3	2.1	3.2	9.4	0.6	1.6	1.7	0.8	0.5	0.5	0.0
VAN 2030	1.3	2.0	3.1	8.1	0.6	1.5	1.7	0.8	0.5	0.5	0.0
SPR 2031	1.3	2.0	3.0	8.8	0.6	1.4	1.6	0.7	0.5	0.4	0.0
SUM 2031	1.2	1.8	2.9	8.5	0.5	1.4	1.5	0.7	0.4	0.4	0.0
VAN 2031	1.3	1.8	2.8	8.3	0.5	1.3	1.5	0.7	0.4	0.4	0.0
SPR 2032	1.3	1.8	2.7	8.0	0.5	1.3	1.4	0.6	0.4	0.4	0.0
SUM 2032	1.2	1.8	2.6	7.7	0.4	1.2	1.4	0.6	0.4	0.4	0.0
VAN 2032	1.1	1.7	2.5	7.4	0.5	1.2	1.3	0.6	0.4	0.4	0.0
SPR 2033	1.1	1.7	2.4	7.3	0.4	1.1	1.3	0.6	0.4	0.4	0.0
SUM 2033	1.1	1.6	2.4	7.0	0.4	1.1	1.2	0.6	0.4	0.3	0.0
VAN 2033	1.1	1.6	2.3	6.8	0.4	1.1	1.2	0.5	0.3	0.3	0.0
SPR 2034	1.0	1.5	2.2	6.6	0.4	1.0	1.1	0.5	0.3	0.3	0.0
SUM 2034	1.0	1.5	2.2	6.3	0.4	1.0	1.1	0.5	0.3	0.3	0.0
VAN 2034	1.0	1.5	2.1	6.2	0.4	0.9	1.1	0.5	0.3	0.3	0.0
SPR 2035	1.0	1.4	2.0	6.0	0.3	0.9	1.0	0.5	0.3	0.3	0.0
SUM 2035	1.0	1.4	2.0	5.8	0.3	0.9	1.0	0.4	0.3	0.3	0.0
VAN 2035	0.9	1.4	1.9	5.6	0.3	0.9	1.0	0.4	0.3	0.3	0.0
SPR 2036	0.9	1.3	1.9	5.4	0.3	0.8	0.9	0.4	0.3	0.3	0.0
SUM 2036	0.9	1.3	1.8	5.3	0.3	0.8	0.9	0.4	0.3	0.3	0.0
VAN 2036	0.9	1.3	1.8	5.1	0.3	0.8	0.9	0.4	0.3	0.3	0.0
SPR 2037	0.9	1.2	1.7	5.0	0.3	0.7	0.8	0.4	0.2	0.2	0.0
SUM 2037	0.8	1.2	1.6	4.8	0.3	0.7	0.8	0.4	0.2	0.2	0.0
VAN 2037	0.8	1.2	1.6	4.7	0.2	0.7	0.8	0.4	0.2	0.2	0.0
SPR 2038	0.8	1.1	1.6	4.6	0.2	0.7	0.8	0.3	0.2	0.2	0.0
SUM 2038	0.8	1.1	1.5	4.4	0.2	0.7	0.7	0.3	0.2	0.2	0.0
VAN 2038	0.8	1.1	1.4	4.3	0.2	0.6	0.7	0.3	0.2	0.2	0.0
SPR 2039	0.7	1.0	1.4	4.2	0.2	0.6	0.7	0.3	0.2	0.2	0.0
SUM 2039	0.7	1.0	1.4	4.1	0.2	0.6	0.7	0.3	0.2	0.2	0.0
VAN 2039	0.7	1.0	1.4	4.0	0.2	0.6	0.7	0.3	0.2	0.2	0.0
SPR 2040	0.7	1.0	1.3	3.9	0.2	0.6	0.6	0.3	0.2	0.2	0.0
SUM 2040	0.7	0.9	1.3	3.8	0.2	0.5	0.6	0.3	0.2	0.2	0.0
VAN 2040	0.7	0.9	1.2	3.7	0.2	0.5	0.6	0.3	0.2	0.2	0.0
SPR 2041	0.6	0.9	1.2	3.6	0.2	0.5	0.6	0.3	0.2	0.2	0.0
SUM 2041	0.6	0.9	1.1	3.5	0.2	0.5	0.6	0.3	0.2	0.2	0.0
VAN 2041	0.6	0.9	1.2	3.4	0.2	0.5	0.6	0.2	0.2	0.2	0.0
SPR 2042	0.6	0.8	1.1	3.3	0.1	0.5	0.5	0.2	0.2	0.1	0.0
SUM 2042	0.6	0.8	1.1	3.2	0.1	0.5	0.5	0.2	0.1	0.1	0.0
VAN 2042	0.6	0.8	1.1	3.1	0.1	0.4	0.5	0.2	0.1	0.1	0.0
SPR 2043	0.6	0.8	1.0	3.0	0.1	0.4	0.5	0.2	0.1	0.1	0.0
SUM 2043	0.6	0.8	1.0	2.9	0.1	0.4	0.5	0.2	0.1	0.1	0.0
VAN 2043	0.5	0.7	1.0	2.8	0.1	0.4	0.5	0.2	0.1	0.1	0.0
SPR 2044	0.5	0.7	1.0	2.6	0.1	0.4	0.5	0.2	0.1	0.1	0.0
SUM 2044	0.5	0.7	0.9	2.7	0.1	0.4	0.4	0.2	0.1	0.1	0.0
VAN 2044	0.5	0.7	0.9	2.7	0.1	0.4	0.4	0.2	0.1	0.1	0.0
SPR 2045	0.5	0.7	0.9	2.6	0.1	0.4	0.4	0.2	0.1	0.1	0.0
SUM 2045	0.5	0.6	0.8	2.5	0.1	0.3	0.4	0.2	0.1	0.1	0.0
VAN 2045	0.5	0.6	0.8	2.4	0.1	0.3	0.4	0.2	0.1	0.1	0.0
SPR 2046	0.5	0.6	0.8	2.4	0.1	0.3	0.4	0.2	0.1	0.1	0.0
SUM 2046	0.5	0.6	0.8	2.4	0.1	0.3	0.4	0.2	0.1	0.1	0.0
VAN 2046	0.4	0.6	0.8	2.3	0.1	0.3	0.4	0.2	0.1	0.1	0.0
SPR 2047	0.4	0.6	0.8	2.3	0.1	0.3	0.4	0.2	0.1	0.1	0.0
SUM 2047	0.4	0.6	0.8	2.2	0.1	0.3	0.4	0.2	0.1	0.1	0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

0.0	0.0	3.0	17.4	0.0	16.0	14.0	20.0	3.0	3.0	0.0
0.1	1.0	16.7	16.0	0.1	16.0	13.6	20.0	4.2	3.0	0.0
0.2	1.2	45.0	32.5	0.0	16.0	17.1	17.4	4.6	3.0	0.0
0.3	1.5	7.9	35.1	0.0	21.3	18.9	4.2	4.1	4.5	0.0
0.4	1.6	0.1	27.7	1.1	0.13	20.4	4.0	3.5	4.7	0.0
0.5	1.7	4.0	30.5	1.2	0.4.8	21.2	3.5	3.9	5.1	0.0
0.6	1.8	4.4	35.1	1.3	0.6.4	21.1	16.2	4.3	5.0	0.0
0.7	2.0	10.6	34.6	1.3	0.7.7	24.6	10.7	4.7	15.8	0.0
0.8	2.3	11.3	38.1	1.6	0.8.7	20.7	11.3	7.0	4.1	0.0
0.9	2.6	12.1	40.8	1.7	30.2	27.0	11.8	7.4	4.5	0.0
1.0	2.7	12.8	45.0	1.8	31.2	28.1	12.3	7.7	4.7	0.0
1.1	2.8	13.6	45.2	2.0	32.0	28.0	12.7	7.9	7.0	0.0
1.2	3.1	14.3	47.5	2.2	33.2	30.0	13.2	8.3	7.3	0.0
1.3	3.3	15.0	48.8	2.3	34.0	30.9	13.6	8.5	7.0	0.0
1.4	3.5	15.6	51.0	2.4	34.8	31.5	13.9	8.7	7.3	0.0
1.5	3.7	16.3	53.6	2.6	35.6	32.4	14.3	8.9	7.9	0.0
1.6	3.8	16.8	55.4	2.7	36.1	33.1	14.5	9.1	8.1	0.0
1.7	4.0	17.4	57.7	2.8	36.8	33.6	14.8	9.3	10.3	0.0
1.8	4.2	18.0	58.9	2.8	37.4	34.3	15.1	9.5	4.9	0.0
1.9	4.4	18.5	60.5	3.0	37.9	34.8	15.4	9.8	4.6	0.0
2.0	4.5	18.0	61.8	3.2	38.2	35.2	15.2	9.7	4.7	0.0
2.1	4.7	18.5	63.5	3.3	38.8	35.8	15.8	9.9	4.9	0.0
2.2	4.8	18.9	64.8	3.4	39.2	36.2	16.0	10.0	4.0	0.0
2.3	5.0	20.3	66.1	3.5	39.5	36.6	16.1	10.1	4.1	0.0
2.4	5.2	20.7	67.4	3.6	40.1	37.1	16.4	10.3	4.2	0.0
2.5	5.3	21.1	68.8	3.7	40.3	37.4	16.5	10.4	4.3	0.0
2.6	5.4	21.6	69.6	3.8	40.5	37.8	16.6	10.4	4.4	0.0
2.7	5.6	21.9	70.9	3.9	41.0	38.1	16.8	10.6	4.5	0.0
2.8	5.7	22.2	71.9	3.9	41.2	38.2	16.9	10.6	4.6	0.0
2.9	5.8	22.5	72.7	4.0	41.3	38.5	17.0	10.7	4.6	0.0
3.0	5.9	22.8	73.8	4.1	41.8	38.9	17.2	10.8	4.7	0.0
3.1	6.1	23.1	74.8	4.2	41.9	39.1	17.3	10.9	4.8	0.0
3.2	6.2	23.4	75.4	4.3	42.0	39.2	17.3	10.9	4.9	0.0
3.3	6.3	23.7	76.3	4.3	42.4	39.6	17.5	11.0	4.9	0.0
3.4	6.4	23.8	77.3	4.4	42.5	39.7	17.6	11.0	10.0	0.0
3.5	6.6	24.1	77.7	4.5	42.8	39.8	17.6	11.1	10.0	0.0
3.6	6.6	24.4	78.3	4.5	42.9	40.1	17.7	11.2	10.1	0.0
3.7	6.7	24.6	78.7	4.6	43.0	40.2	17.8	11.2	10.1	0.0
3.8	6.8	24.8	79.7	4.6	43.0	40.3	17.8	11.2	10.2	0.0
3.9	6.9	25.0	80.4	4.7	43.4	40.6	17.9	11.3	10.2	0.0
4.0	7.0	25.2	80.9	4.7	43.4	40.7	18.0	11.3	10.3	0.0
4.1	7.1	25.4	81.4	4.8	43.4	40.7	18.0	11.3	10.3	0.0
4.2	7.2	25.6	82.1	4.8	43.7	41.0	18.1	11.4	10.3	0.0
4.3	7.3	25.7	82.8	4.8	43.8	41.2	18.2	11.4	10.4	0.0
4.4	7.4	25.9	82.9	4.9	43.7	41.3	18.2	11.4	10.4	0.0
4.5	7.4	26.0	83.8	5.0	44.0	41.3	18.3	11.5	10.4	0.0
4.6	7.4	26.2	83.0	5.0	44.0	41.4	18.3	11.5	10.4	0.0
4.7	7.5	26.3	84.2	5.0	43.9	41.3	18.3	11.5	10.4	0.0
4.8	7.6	26.5	84.0	5.1	44.3	41.6	18.4	11.6	10.5	0.0
4.9	7.7	26.6	85.7	5.1	44.3	41.6	18.4	11.6	10.5	0.0
5.0	7.7	26.7	85.4	5.1	44.2	41.6	18.4	11.6	10.5	0.0
5.1	7.8	26.8	85.9	5.2	44.8	41.8	18.5	11.6	10.6	0.0
5.2	7.8	26.9	86.2	5.2	44.5	41.8	18.5	11.7	10.6	0.0
5.3	7.9	27.0	86.4	5.2	44.4	41.8	18.5	11.6	10.6	0.0
5.4	8.0	27.2	86.8	5.2	44.7	42.0	18.6	11.7	10.6	0.0
5.5	8.0	27.3	87.1	5.3	44.7	42.0	18.6	11.7	10.6	0.0
5.6	8.1	27.5	87.3	5.3	44.3	42.0	18.6	11.7	10.6	0.0
5.7	8.1	27.6	87.7	5.3	44.8	42.2	18.7	11.7	10.7	0.0
5.8	8.2	27.9	88.0	5.3	44.8	42.2	18.7	11.8	10.7	0.0
5.9	8.2	27.8	88.1	5.3	44.8	42.2	18.7	11.7	10.7	0.0
6.0	8.3	27.7	88.5	5.4	45.0	42.3	18.7	11.7	10.7	0.0
6.1	8.3	27.8	88.7	5.4	44.9	42.3	18.7	11.7	10.7	0.0
6.2	8.4	27.8	88.8	5.4	44.9	42.3	18.7	11.7	10.7	0.0
6.3	8.4	27.9	89.2	5.4	45.1	42.4	18.8	11.8	10.7	0.0
6.4	8.5	28.0	89.3	5.4	45.1	42.4	18.8	11.8	10.7	0.0
6.5	8.5	28.1	89.4	5.5	44.9	42.4	18.8	11.8	10.8	0.0
6.6	8.5	28.1	89.9	5.5	45.2	42.6	18.9	11.9	10.8	0.0
6.7	8.6	28.2	89.0	5.5	45.2	42.6	18.9	11.9	10.8	0.0
6.8	8.6	28.2	90.0	5.5	45.0	42.5	18.9	11.9	10.8	0.0
6.9	8.6	28.3	90.3	5.6	45.3	42.7	19.0	11.9	10.8	0.0
7.0	8.7	28.4	90.8	5.6	45.2	42.7	19.0	11.9	10.8	0.0
7.1	8.7	28.4	90.8	5.6	45.1	42.6	19.0	11.9	10.8	0.0
7.2	8.7	28.4	90.8	5.6	45.4	42.8	19.1	11.9	10.8	0.0
7.3	8.8	28.5	90.9	5.6	45.3	42.8	19.1	11.9	10.8	0.0
7.4	8.8	28.6	91.0	5.6	45.3	42.8	19.1	11.9	10.8	0.0
7.5	8.8	28.6	91.2	5.6	45.3	42.8	19.1	11.9	10.8	0.0
7.6	8.9	28.7	91.4	5.6	45.4	42.8	19.1	11.9	10.8	0.0
7.7	8.9	28.7	91.4	5.6	45.2	42.7	19.1	11.9	10.9	0.0
7.8	8.9	28.8	91.6	5.6	45.8	42.9	19.0	12.0	10.9	0.0
7.9	8.9	28.8	91.7	5.6	45.3	42.9	19.0	12.0	10.9	0.0
8.0	9.0	28.8	91.8	5.6	45.3	42.9	19.0	11.9	10.9	0.0
8.1	9.0	28.9	92.0	5.6	45.6	43.0	19.0	12.0	10.9	0.0
8.2	9.0	28.9	92.1	5.6	45.6	43.0	19.0	12.0	10.9	0.0
8.3	9.1	29.0	92.3	5.6	45.4	42.9	19.0	12.0	10.9	0.0
8.4	9.1	29.0	92.3	5.6	45.6	43.0	19.1	12.0	10.9	0.0
8.5	9.1	29.0	92.4	5.6	45.6	43.0	19.1	12.0	10.9	0.0
8.6	9.1	29.1	92.4	5.7	45.4	42.9	19.0	12.0	10.9	0.0
8.7	9.2	29.1	92.6	5.7	45.7	43.1	19.1	12.0	10.9	0.0
8.8	9.2	29.1	92.7	5.7	45.6	43.1	19.1	12.0	10.9	0.0
8.9	9.2	29.1	92.7	5.7	45.4	43.0	19.0	12.0	10.9	0.0
9.0	9.2	29.2	92.9	5.7	45.7	43.2	19.1	12.0	10.9	0.0
9.1	9.3	29.3	93.1	5.7	45.7	43.2	19.1	12.0	11.0	0.0
9.2	9.3	29.3	93.2	5.7	45.7	43.2	19.1	12.0	11.0	0.0
9.3	9.3	29.3	93.2	5.7	45.7	43.2	19.1	12.0	11.0	0.0
9.4	9.4	29.4	93.4	5.7	45.8	43.2	19.1	12.0	11.0	0.0
9.5	9.4	29.4	93.4	5.7	45.7	43.2	19.1	12.0	11.0	0.0
9.6	9.4	29.4	93.4	5.7	45.8	43.1	19.1	12.0	11.0	0.0
9.7	9.4	29.4	93.5	5.7	45.7	43.2	19.1	12.0	11.0	0.0
9.8	9.4	29.5	93.6	5.7	45.8	43.1	19.1	12.0	11.0	0.0
9.9	9.4	29.5	93.6	5.7	45.8	43.1	19.1	12.0	11.0	0.0

[illegible]

[illegible]

[illegible]

Enter First Time Step of Transfer: **SPR 2010**

Match	91	Match	456											Total	
	AIR	HIS	SHS	NBN	NEM	DWNS	BRTS	TS	TSTM	M	MS				
Preexisting Effects @ SS (Last Time Step)	3.46	10.16	30.47	96.61	5.63	46.16	43.71	18.30	12.20	11.10	0.66			279.74	Total Effects without Transfer - Last Timeslot
Steady State - Value of Dep @ Last Time Step	0.01	0.02	0.04	0.13	0.00	0.02	0.02	0.01	0.01	0.01	0.00			0.28	Total Effects with Transfer - Last Time Step
Preexisting Effects @ Transient State (Max Value Timeslot)	3.46	10.16	30.48	96.63	5.63	46.24	43.74	18.37	12.20	11.10	0.66			279.90	Total Effects without Transfer - Correlates to Max Value from Total Effects with Transfer
Transient State - Max Value of Dep After Transfer	2.79	9.06	28.89	91.63	5.63	44.67	42.55	16.87	11.69	10.64	0.67			257.90	Total Effects with Transfer - Max Value from Start of Transfer to Last Time Step
Steady State Change	-3.44	-10.14	-30.43	-96.48	-5.62	-46.14	-43.69	-18.35	-12.19	-11.10	-0.66				
Transient State Change	-0.67	-1.06	-1.59	-4.61	-0.20	-1.37	-1.19	-0.30	-0.31	-0.27	-0.02				

Palmer, Cherie

From: Palmer, Cherie
Sent: Friday, November 27, 2015 5:09 PM
To: 'Paul Arrington'
Subject: George Kelley-Rental Application

Paul,

Thank you for submitting a rental application on behalf of George Kelley. I have conducted a cursory review of the rental application and noticed that modeling has not been provided. I realize last year IDWR did not require modeling of Mr. Kelley's rental application. However, Mr. Kelley's point of diversion is on the outskirts of the ESPA Area of Common Ground Water but is within the cell grid of the ESPA and is available for use in the model. Also, it appears this year, the only water available to rent is within the ESPA Area of Common Ground Water. Because both areas can be modeled, IDWR policy is to require modeling be done.

Please submit the required modeling within 14 days. You can scan it and email it to me or you can send it in the mail. If the required information is not submitted in a timely manner, your application may be returned to you without being processed. Let me know if you have any questions regarding this matter.

To help you get started, water right 45-11969 appears to be a possible candidate for your client but only provides 94.6 acres. All rights are subject to any possible curtailment or call and priority dates should be evaluated prior to renting water.

Sincerely,

*Cherie Palmer, Water Rights Supervisor
Idaho Dept of Water Resources
Water Allocation Bureau
322 E. Front Street (Front St. & Broadway Ave)
Mail: PO BOX 83720 Boise, ID 83720-0098
email: cherie.palmer@idwr.idaho.gov
phone: (208) 287-4944
fax: (208) 287-6700*

RECEIVED

NOV 10 2015

DEPARTMENT OF
WATER RESOURCES

195 River Vista Place, Suite 204
Twin Falls, Idaho 83301-3029
(208) 733-0700 telephone
(208) 735-2444 facsimile

1010 W. Jefferson St., Suite 102
Post Office Box 2139
Boise, Idaho 83701-2139
(208) 336-0700 telephone
(208) 344-6034 facsimile
brs@idahowaters.com

*Albert P. Barker
John A. Rosholt
John K. Simpson
Travis L. Thompson
Shelley M. Davis
Paul L. Arrington
Scott A. Magnuson*



November 6, 2015

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

Re: *Application to Rent Water from the Board's Water Supply Bank (George Kelley)*

To Whom it May Concern:

Enclosed, please find the signed Application to Rent Water from the Board's Water Supply Bank from George Kelley.

Should you have any questions, please contact Paul L. Arrington at (208) 733-0700.

Thank you,


Jessica Nielsen
Assistant for Paul L. Arrington

Enclosure

PLA/jn