

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT NO. 220

RECEIVED
MAR 09 2018
DEPARTMENT OF
WATER RESOURCES

This is to certify that:

THE RALPH R & BETH POCOCK FAMILY LTD PARTNERSHIP
2964 N 5000 E
SUGAR CITY, ID 83448

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

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
35-13855	2/14/1961	GROUND WATER	0.06	20.0	5.0	0.012	4.00
35-13993	7/13/1954	GROUND WATER	0.13	46.4	11.6	0.011	4.00
35-13995	11/12/1975	GROUND WATER	0.28	83.2	20.8	0.013	4.00
Combined Limit Totals			0.37	85.6	21.4	0.017	4.00
35-14468	7/13/1954	GROUND WATER	0.01	4.4	1.1	0.009	4.00
35-14469	11/12/1975	GROUND WATER	0.02	7.6	1.9	0.011	4.00
Combined Limit Totals			0.02	8.0	1.1	0.013	4.00
Combined Rental Totals			0.45	113.6	27.5	0.012	4.00

Term of Rental: This rental shall take effect when all parties have signed it and shall continue in effect until December 31, 2018.

SUPPORT DATA

Annual Rental Fee:

IN FILE # 35-13855

2018: \$2,272.00

The full fee for the rental of the above-described right(s) is \$2,272.00 for 2018. The rental fee includes an administrative fee of \$227.20 for 2018.

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

Total Water Use Authorized Under Rental Agreement 220

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate/Acre (CFS/AC)	Volume/Acre (AF/AC)
IRRIGATION	0.45	82.5	27.5	0.016	3.0
Combined Total	0.45	82.5	27.5	0.016	3.0

* The authorized water usage reflects a reduction from the water right elements rented to account for the enlargement concerns.

Detailed water right conditions are attached.

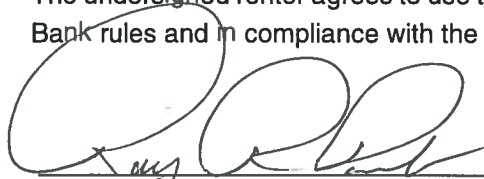
STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT NO. 220

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DEPARTMENT OF
WATER RESOURCES

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:


Signature of Renter

3-8-2017
Date

Ray R Pocock
Printed Name

President
Title

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

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

By 
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

3/12/2018
Date

Rental approved by IDWR



3-12-2018
Date

WATER SUPPLY BANK RENTAL AGREEMENT NO. 220

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER	NENW	Sec. 25, Twp 06N, Rge 41E,	MADISON County
GROUND WATER	NESW	Sec. 24, Twp 06N, Rge 41E,	MADISON County

Beneficial Use
IRRIGATION

Diversion Rate
0.45 CFS

Volume
82.5 AF

SEASON OF USE

Water Right No.	From	To
35-13855	4/1	10/31
35-13993	4/1	10/31
35-13995	4/1	10/31
35-14468	4/1	10/31
35-14469	4/1	10/31

RENTERS PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06N	41E	24	5.3	4.4	4.2	5.0	4.2			4.4									27.5

Total Acres: 27.5

RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

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 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.
4. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
5. 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.
6. Renter acknowledges and agrees that the Director may terminate authorization for the use of a water right based on a water right's priority date. This rental for mitigation by non-use may be ineffective if the mitigating water right is not in priority.
7. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
8. This rental agreement does not authorize the construction of a well.
9. Prior to diversion and use of water under this approval, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion, in accordance with Department specifications.

WATER SUPPLY BANK RENTAL AGREEMENT NO. 220

WATER USE DETAILS

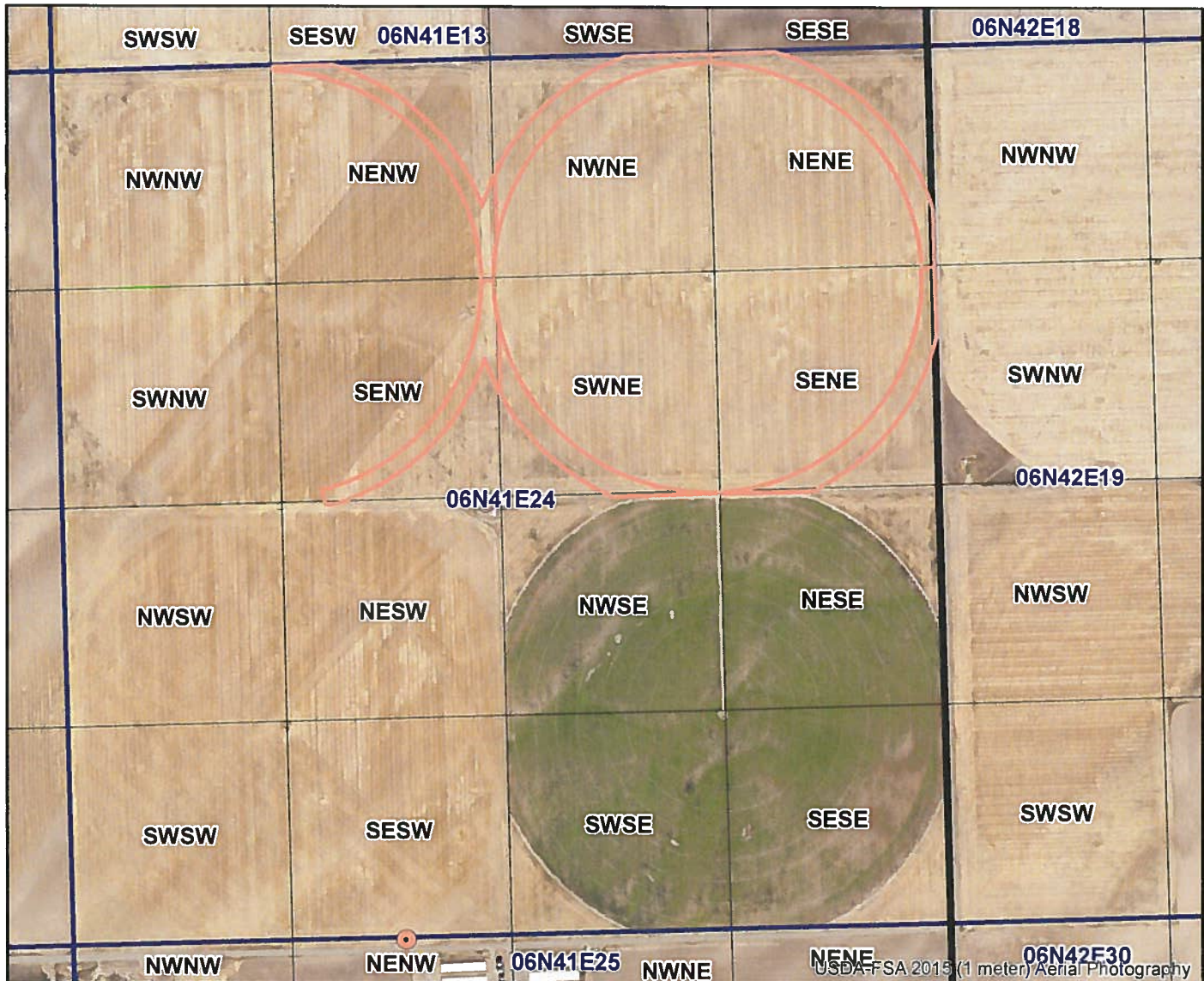
10. Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
11. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
12. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 100.
13. A map depicting the place of use boundary for this water right at the time of this approval is attached to this document for illustrative purposes.
14. The following rights are diverted through the points of diversion described above: 22-7167A, 22-7052A, 22-2271D, 22-7439 22-14082, 22-14083 and 22-14084.
15. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the lands above.



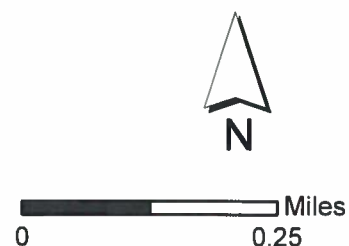
Idaho Water Resource Board
Attachment to Water Supply Bank Rental Agreement No 220

Effective until December 31, 2018

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



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



STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

JAN 08 2018

DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKApplicant Name: The Ralph R. and Beth Pocock Family Limited Partnership

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)

35-13855 35-13993

 35-13995

982

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant The Ralph R. and Beth Pocock Family Limited Partnership

Mailing Address	<u>2964 N 5000 E</u>	<u>Sugar City</u>	ID	<u>83448</u>
	Street	City	State	Zip Code

Email Address _____ Phone Number _____

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 Kristin Moore Professional Title Sen. Water Right Analyst

Organization Rocky Mtn Environmental Assoc. Relationship to Applicant Consultant

Mailing Address 482 Constitution Way Ste 303, Idaho Falls, ID 83402

Email Address kristin.rmea@gmail.com Phone Number 208-524-2353

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**:

This is for the irrigation of end guns on 1 1/2 of 4 center pivots in 06N 41E 24. The pivots are covered under existing water rights which do not cover the end guns. The water will be diverted from the same Points of Diversion as the existing water rights. Another application will pursue additional acres for the other 2 1/2 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)
0.56 CFS	97.3 AF	0.3 CFS	47.3 AF	27.8 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?	
4/15/2018	6/1/2018	☒ 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):

Wells with pumps deliver water to mainlines, which convey water to center pivots. If the rental is approved, end gun valves and booster pumps will be turned on to irrigate the proposed POU.

- 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
Two Wells		Both Wells Share with the Following WR:
T6N R41E SEC 24 NESW	Ground Water	22-7167A, 22-7052A, 22-2271D, 22-7439
T6N R41E SEC 24 SESW	Ground Water	22-14082, 22-14083, 22-14084

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 27.8 (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:

Other Ground Water Rights that cover the center pivots, but not the end guns: 22-7167A, 22-7052A, 22-2271D, 22-7439, 22-14082, 22-14083, 22-14084

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)
35-13855	Irrigation	0.06	20	5		0.06	20	5
35-13993	Irrigation	0.21	78.4	19.6		0.14	50.8	12.7
35-13995	Irrigation	0.46	141.2	35.3		0.3	91.2	22.8
		0.59	141.2	35.3		0.38	91.2	22.8
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank					TOTAL	0.44	97.3	27.8
						CFS	AF	AC

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

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

N/A

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

Yes ☐ No ☒

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

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 secured water rights for a portion of the pivots, but have not yet secured enough to cover the end guns. Most recent rental agreement was from 2017.

- 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 ☒

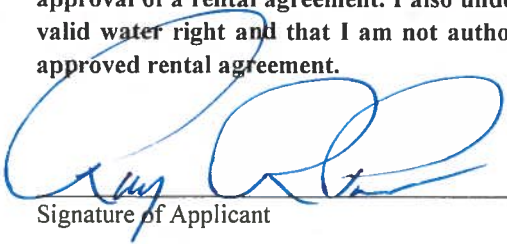
If yes, describe the date and location of the NOV.

- D. Additional Information

Two applications for rental are being submitted. This rental proposes to contract enough water to cover about half of the applicants needs for 1 year. The companion rental proposes to contract enough water to cover the remaining acreage, but for a 3 year period.

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

Ray Pocock

Printed Name of Applicant

1-5-2018
Date

Signature of Representative

Printed Name of Representative

Date

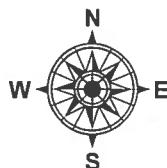
Mail to:

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



Legend

- Proposed POD
- WSB 2018 1yr Rental
- Existing WR POU
- Twp & Rng
- Section
- QQ



WSB Rental Application

The Ralph R and Beth Pocock Family Ltd Partnership

RMEA #13-0070

by: KM

Date: 1/4/2018



Eastern Snake Plain Aquifer Modeling Analysis and Narrative

WSB Rental Application for WR#35-13855, 35-13993, and 35-13995

The Ralph R and Beth Pocock Family Limited Partnership

The Applicant requires an additional 56.6 acres at the proposed place of use to irrigate acres under end guns of 4 center pivots. As there are no water rights available in the Water Supply Bank that can provide that quantity of water for more than one year, the applicant proposes to submit two applications. The first application proposes to rent water from water right 22-13440 from 2018-2020 that will cover 28.8 acres under the end guns, for about 2 ½ pivots of the total 4 pivots. This companion application proposes to rent water from water right nos. 35-13855, 35-13993, and 35-13995 for the 2018 season that will cover the remaining acres required, 27.8 acres.

Proposed Irrigated Crops

Applicant irrigates *Potatoes – cold pack*¹ and *Spring Grain – irrigated* in rotation on the proposed place of use. The consumptive irrigation requirement for potatoes is 1.44 af/ac and grain is 1.7 af/ac. For the purposes of modeling, the higher consumptive volume is used.

Data Input Values

Consumptive use values for each well were used for input volumes. The FROM wells were based on the standard consumptive irrigation value of 3.0 af/acre. This value is approximately the consumptive use of alfalfa in the area of the FROM well locations. For the TO well input volume, the consumptive irrigation requirement of 1.7 af/acre was used. The table below gives a summary of input values. See Figure 1 for excerpts of the Data Input page.

Application #2			WELL INFO			MODELING QUANTITIES			RENTAL QUANTITIES		
Well	WR #	acres	Priority	Row	Col	CU AF/ac	CU AFA	CU AF/tri	acres	cfs	AFA
TO Well		27.8		64	192	1.7	47.3	15.8	27.8	0.44	97.3*
FROM 2	35-13855	5	19160214	58	148	3	15	5.0	5	0.06	20
FROM 1	35-13993	12.7	19540713	75	134	3	38.1	12.7	12.7	0.14	50.8
FROM 1	35-13995	22.8	19751112	75	134	3	68.4	22.8	22.8	0.30	91.2

*At a rate of 3.5 afa at the TO well.

¹ Values taken from the Rexburg – AgriMet Station. Allen, Richard G. and Clarence W. Robison, 2012. **Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho: Supplement updating the Time Series through December 2008**, Research Technical Completion Report, Kimberly Research and Extension Center, University of Idaho, Moscow, ID

Results

Using ESPAM 2.1 to simulate the depletions of transferring 27.8 acres to the proposed place of use, the affects do not exceed the threshold of 2.0 af/trimester. No mitigation is required. Figures 2-3 include excerpts from the ESPAM 2.1 simulation.

Figure 1. Data Entry

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

Cells this color are set up for user entries

ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON
YEAR: 1954 SEASON: SUMMER
TRANSFER NO: WSB 2018
TRANSFER NAME: to Pocock

UPDATE DATES RUN MODEL GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	64	75	58	77
COLUMN	192	134	148	165

133# 134 on 136

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
SUM 1954	0	13	13	0	0	0	0
WIN 1954	0	13	13	0	0	0	0
SPR 1955	0	13	13	0	0	0	0
SUM 1955	0	13	13	0	0	0	0
WIN 1955	0	13	13	0	0	0	0
SPR 1956	0	13	13	0	0	0	0
SUM 1956	0	13	13	0	0	0	0
WIN 1956	0	13	13	0	0	0	0
SUM 1974	0	13	13	5	5	0	0
WIN 1974	0	13	13	5	5	0	0
SPR 1975	0	13	13	5	5	0	0
SUM 1975	0	13	13	5	5	0	0
WIN 1975	0	23	23	5	5	0	0
SPR 1976	0	23	23	5	5	0	0
SUM 1976	0	23	23	5	5	0	0
WIN 1976	0	23	23	5	5	0	0
SPR 1977	0	23	23	5	5	0	0
SUM 1977	0	23	23	5	5	0	0
WIN 1977	0	23	23	5	5	0	0
SPR 1978	0	23	23	5	5	0	0
SUM 1978	0	23	23	5	5	0	0
SPR 2017	0	23	23	5	5	0	0
SUM 2017	0	23	23	5	5	0	0
WIN 2017	0	23	23	5	5	0	0
SPR 2018	16	0	23	0	5	0	0
SUM 2018	16	0	23	0	5	0	0
WIN 2018	16	0	23	0	5	0	0
SPR 2019	0	23	23	5	5	0	0
SUM 2019	0	23	23	5	5	0	0
WIN 2019	0	23	23	5	5	0	0
SPR 2020	0	23	23	5	5	0	0
SUM 2020	0	23	23	5	5	0	0
WIN 2101	0	23	23	5	5	0	0
SPR 2102	0	23	23	5	5	0	0
SUM 2102	0	23	23	5	5	0	0
WIN 2102	0	23	23	5	5	0	0
SPR 2103	0	23	23	5	5	0	0
SUM 2103	0	23	23	5	5	0	0
WIN 2103	0	23	23	5	5	0	0
SPR 2104	0	23	23	5	5	0	0

Figure 2. Net Transfer Graphs

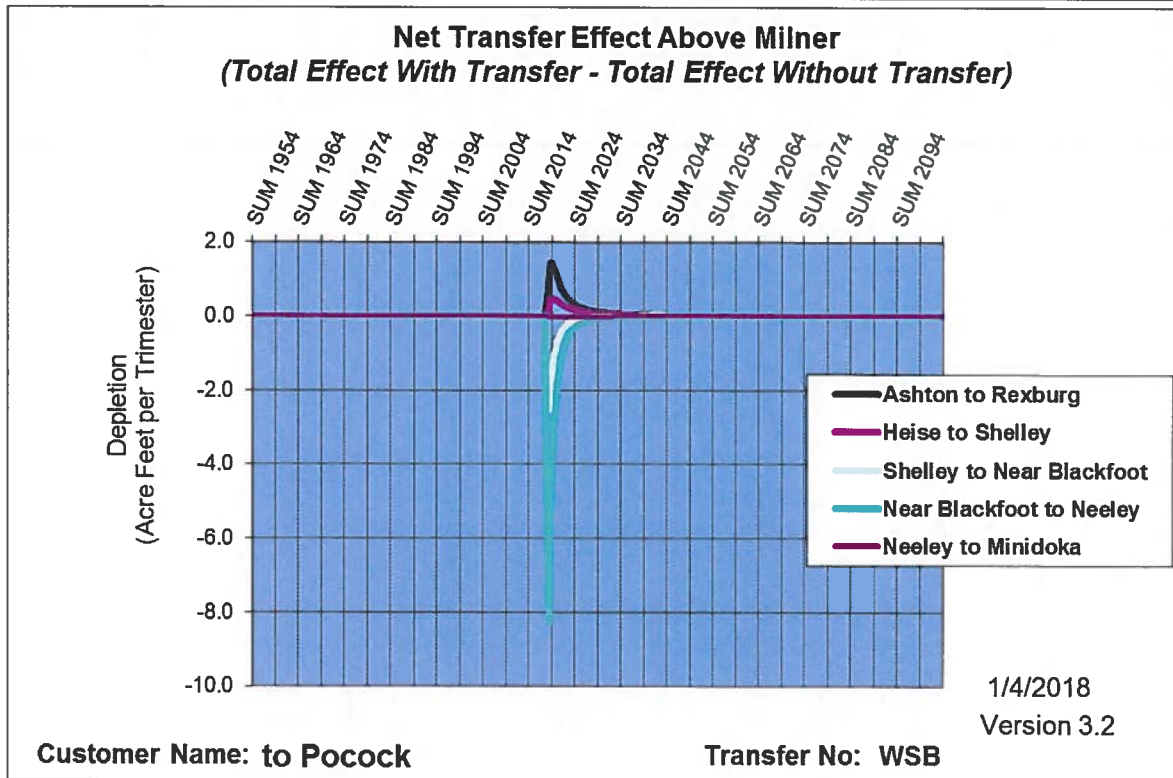
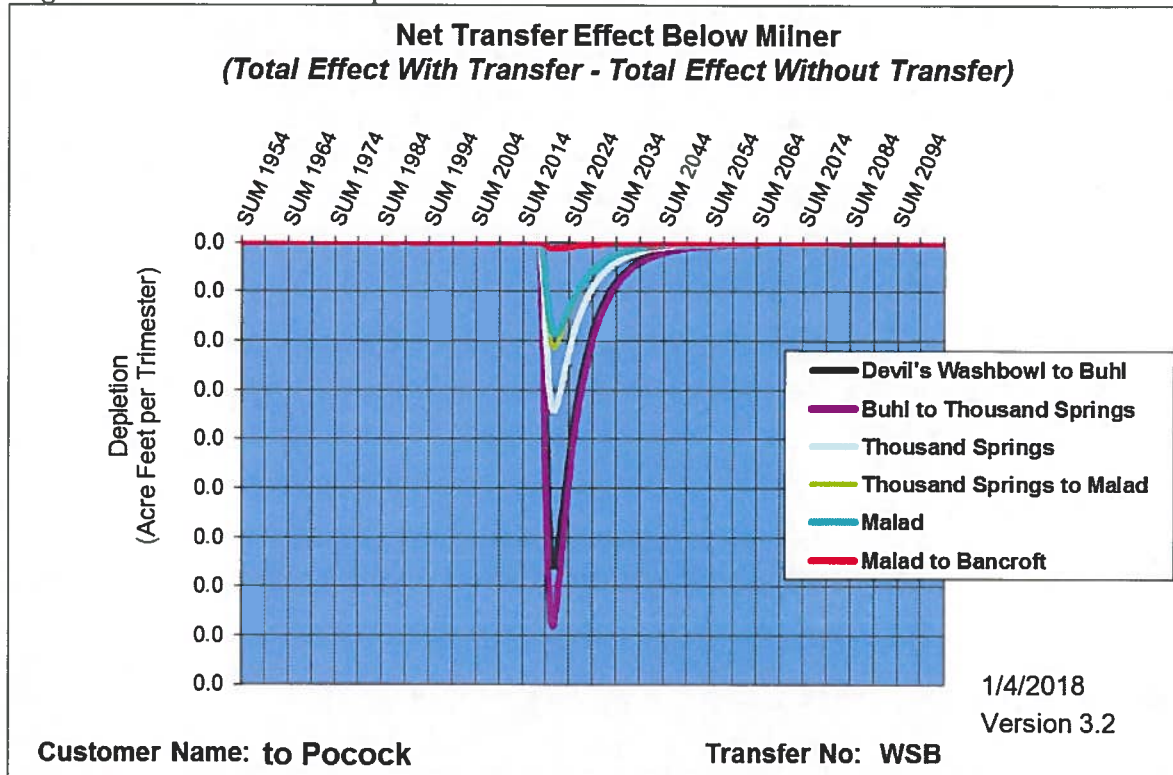


Figure 3. Calculated Affects Beginning Prior to Proposed Rental Period

	Net Transfer Effect (AF/four months)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft Neeley	T Neeley to Minidoka	Dev. Wbl Buhl	Buhl to Kspr	Kspr Kspr	Kspr to Malad	Malad Malad	Malad to Bancroft
SPR 2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2018	0.3	0.0	-1.2	-4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2018	0.7	0.1	-2.0	-6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2018	1.2	0.3	-2.5	-8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2019	1.4	0.4	-1.8	-5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2019	1.4	0.5	-1.4	-3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2019	1.3	0.5	-1.1	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2020	1.2	0.5	-0.9	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2020	1.1	0.4	-0.7	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2020	1.0	0.4	-0.6	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2021	0.8	0.4	-0.5	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2021	0.8	0.3	-0.4	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2021	0.7	0.3	-0.3	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2022	0.6	0.3	-0.3	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2022	0.5	0.3	-0.2	-0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2022	0.5	0.2	-0.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2023	0.4	0.2	-0.2	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2023	0.4	0.2	-0.2	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2023	0.4	0.2	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2024	0.3	0.2	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2024	0.3	0.2	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2024	0.3	0.2	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2025	0.3	0.2	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2025	0.2	0.1	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2025	0.2	0.1	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2026	0.2	0.1	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2026	0.2	0.1	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2026	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2027	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2027	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2027	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2028	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2028	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2028	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2029	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2029	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2029	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2030	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2030	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 13, 2018

THE RALPH R & BETH POCOCK FAMILY LTD PARTNERSHIP
2964 N 5000 E
SUGAR CITY ID 83448

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-13855, 35-13993, 35-13995, 35-14468, and 35-14469**

Dear Renter:

Please find enclosed a receipt in the amount of **\$4,288.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 113.6 acre-feet of water for irrigation of 27.5 acres during 2018. 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 \$2,044.80 of the rental fee will be paid to the lessor(s) and 10% or \$227.20 will be retained by the Department to offset administrative costs.

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

Sincerely,

 Water Supply Bank

Enclosures: Receipt No. C104752
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office/Water District # 120
Kristin Moore – Rocky Mountain Environmental
Madison GWD



State of Idaho

DEPARTMENT OF WATER RESOURCES

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C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

February 28, 2018

THE RALPH R & BETH POCOCK FAMILY LTD PARTNERSHIP
2964 N 5000 E
SUGAR CITY ID 83448

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-13855, 35-13993, 35-13995, 35-14468, and 35-14469**

*****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 *corrected* Water Supply Bank Rental Agreement for your review and signature. Please disregard the Rental Agreement sent to you on February 27, 2018.** 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 \$2,272.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 113.6 acre-feet.

Please send a check for \$2,272.00 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing. Pursuant to the Water Supply Bank Rules, 90% or \$2,044.80 of the rental fee will be paid to the lessor(s) and 10% or \$227.20 will be retained by the Department to offset administrative costs.

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

Sincerely,

for Water Supply Bank

Enclosure

c: IDWR Front Desk
Kristin Moore – Rocky Mountain Environmental



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 27, 2018

THE RALPH R & BETH POCOCK FAMILY LTD PARTNERSHIP
2964 N 5000 E
SUGAR CITY ID 83448

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-13855, 35-13993, 35-13995, 35-14468 and 35-14469**

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

Dear Applicant:

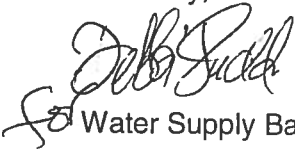
The Department of Water Resources acknowledges receipt of your application to rent water from the Water Supply Bank. **I have enclosed a Water Supply Bank Rental Agreement for your review and signature.** Upon signature and return of the original agreement, together with the rental fee described below, 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 \$3,232.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 161.6 acre-feet.

Please send a check for \$3,232.00 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing. Pursuant to the Water Supply Bank Rules, 90% or \$2,908.80 of the rental fee will be paid to the lessor(s) and 10% or \$323.20 will be retained by the Department to offset administrative costs.

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

Sincerely,


for Water Supply Bank

Enclosure

c: IDWR Front Desk
Kristin Moore – Rocky Mountain Environmental

Edl, Michele

From: Cefalo, James
Sent: Tuesday, February 13, 2018 9:44 AM
To: Edl, Michele
Subject: RE: WSB request for comment

Michele,

I don't have any concerns with the proposed WSB rentals.

James

From: Edl, Michele
Sent: Friday, February 09, 2018 2:08 PM
To: Cefalo, James <James.Cefalo@idwr.idaho.gov>
Subject: WSB request for comment

James,

I have completed my review of 2 WSB rental proposals for the Pocock Family. One if for 1 year and ~ 1.5 of the pivot end gun rings; the other for 3 years and ~3.5 of the end gun rings.

Kristin Moore provided separate ESPA modeling. I have confirmed the models individually and in combination. No additional mitigation is required.

One rental (agreement 220), will be for the 2018 irrigation season only. The modeling was based on consumptive use of actual crops vs default crop consumptive use. Because the specific crops were named and modeled, the WSB should expect those crops to be planted.

One rental (agreement 218) will be for 2018-2020.

The lease well-PODs is in Bingham GWD. The rental well-POD is in Madison GWD. The leased rights are subject to WD 100, the rental point of diversion is subject to WD 120.

I am recommending that these proposals be processed with 1/10 acre reduction to the 2018 rental proposal. That reduction is the result of recalculating the splits of the Ritchie rights 35-13993 and 35-13995.

I have attached a copy of my review memos for the rentals and maps showing the 2 different rental POUs.

Please let me know if you have questions or concerns about these rentals.

Michele Edl
208-287-4946

MEMORANDUM

To: Right(s) 35-13855, 35-13993, 35-13995, 35-14468, and 35-14469

From: Michele Edl

Date: February 9, 2018

Re: Review & Analysis of WSB Application #982 to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: On January 8, 2018, Kristin Moore (Sr WR Analyst, Rocky Mountain Environmental Associates, Inc) submitted a WSB rental application on behalf of the Ralph R and Beth Pocock Family Limited Partnership. The application requested a one-year rental and identified specific water rights. The rented water will be used to irrigate 27.7 acres within the applicant's property. The 27.7 acres are irrigated by pivot end-guns and aren't covered by any of the applicant's water rights, although the cores of the pivots are. This rental application is sufficient for approximately half of the acreage needed. WSB rental agreement 218 will be used to cover the remaining end-gun acres.

AUTHORITY TO FILE: According to available Madison County taxlot information, the proposed place-of-use is owned by the Pocock, Ralph & Beth Fam Lmt & Prt. The Ralph R. and Beth Pocock Family Limited Partnership is listed with ISOS as #L3323. Ray R. Pocock is listed as a general partner and he signed the application.

The proposed PODs are two existing wells. They are the authorized PODs for water rights 22-7167A, 22-7052A, 22-2271D, 22-7439, 22-14082, 22-14083 and 22-14084 which are held by The Ralph R & Beth Pocock Family Ltd Partnership.

WATER RIGHT VALIDITY:

The requested rights or portions are for irrigation use and have been leased to the bank for several years. Forfeiture is not an issue at this time.

While rights 35-13993 and 35-13995 were in the bank, the right holder sold small portions of the rights. Rights 35-13993 and 35-13995 were split and the split portions are now numbered 35-14468 and 35-14469. A review of recent aerial photography indicates that the owner of the splits has respected the lease agreement.

The lease agreement for all four Basin 35 rights will expire December 31, 2018 so this rental is limited to one year. And this rental will exhaust the leased water amounts for 2018.

INJURY TO OTHER WATER RIGHTS: No injury is apparent.

The consultant and I modeled this water rental using the current version of the ETRAN modeling utility. The From well modeling inputs were based on the consumptive use rather than the headgate volume. The From well locations are allotted and modeled more consumptive use volume, (3.0) than the To well location (the Pocock pivots, 2.5). The To well modeling inputs were further reduced by the consultant and based on the consumptive use of two proposed crops (potato or grain) rather than on the model's default consumptive use. The consultant requested one tenth acre more than was available when the split calculations for 35-14468, and 35-14469 were completed. Given the very defined model parameters, no mitigation is required for this rental. But the rental should be conditioned to require that the renter plant the crops proposed by the consultant.

ENLARGEMENT OF USE: No enlargement is anticipated.

The rate and volume rented from the rights will be made proportionate to the leased elements of the right. The authorized rental rate will be approximately 0.015 cfs/ac which is sufficient for pivot irrigation of crops planted in these fields. The native water rights delivered by the pivots average less than 0.02 cfs/ac.

The consultant is aware of the rate and volume limitations of the proposed rights. The rental places-of-use have no water rights and according to the consultant, the renter plants either a potato or a spring grain crop in yearly rotation. Neither of those crops demand a high rate or consumptive use volume per acre so the proposed rights can provide enough water.

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

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

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The rental location is subject to Water District #100. The leased water is subject to Water District #120. Comment has been solicited from the watermaster who oversees both water districts. He is not opposed to this rental. Nor is Eastern Region.

The lease wells are located within the Bingham GW District.
The rental wells are located within the Madison GW District.

One-Way Analysis of Independent Transfers

Pocock 2018 & 2018-2020 combined into 1:

WR No.	Dw. Rate (CFS)	Con. Vol. (AF/A)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AF/A AFT	Model Node
Transfer 1: Proposed Steady State Impacts following Transfer							
???	???	275.6	68.9	1/1/1960	BS28E-3	275.6	SP082075
???	???	275.6	68.9	1/1/1960	BS28E-3	275.6	SP082066
Transfer 1: Worst Case Transient State Impacts following Transfer							
???	???	275.6	68.9	1/1/1960	BS28E-3	275.6	SP082075
???	???	275.6	68.9	1/1/1960	BS28E-3	275.6	SP082066

Impact by Reach (AFTTrimester)

Ashion to Rexburg	Hesse to Shelley	Shelley to Nr Bickl	Nr Bickl To Neeley	Neeley to Mirindoka	Day Wbl To Buhl	Buhl to Kspr	Kspr to Kspr	Kspr to Malad	Malad to Bancroft
10.27	11.66	7.26	21.05	0.12	0.39	0.45	0.20	0.12	0.11
10.27	11.66	7.26	21.05	0.12	0.39	0.45	0.20	0.12	0.11
10.27	11.66	7.26	21.05	0.12	0.39	0.45	0.20	0.12	0.11
11.24	11.66	7.26	21.05	0.12	0.39	0.45	0.20	0.12	0.11

Steady State Analysis

Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	19.9%	22.6%	14.1%	40.8%	0.2%	0.8%	0.4%	0.2%	0.0%
Mitigation Required?:	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

Transient State Analysis

Mitigation Check 1 - >10% of Historical:	9.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2.01 AFT:	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Read Me

Not Used

	Water Right No.	Rented Vol (AF)	Lessor Fee (90%)	Administrative Fee (10%)	Total Fee @ \$20 (2018-20)	Rental Amounts		
	Pocock Family 2018-20					Rate (cfs)	Acres	native HG = 3.5 SOU 4/1-10/31
multi yr	22-13440	100.8	\$1,814.40	\$201.60	\$2,016.00	0.42	28.80	to cell
	Total	100.8	\$1,814.40	\$201.60	\$2,016.00	0.42	28.80	used 64/192 last yr
	Water Right No.	Rented Vol (AF)	Lessor Fee (90%)	Administrative Fee (10%)	Total Fee @ \$20 (2018)	Rental Amounts		
	Pocock Family 2018					Rate (cfs)	Acres	
	35-13993 & 35-14468	50.8	\$914.40	\$101.60	\$1,016.00	0.14 12.7	22.7	
	35-13995 & 35-14469	90.8	\$1,634.40	\$181.60	\$1,816.00	0.3	5.00	
	35-13855	20.0	\$360.00	\$40.00	\$400.00	0.06	5.00	
one yr	Total	161.6	\$2,908.80	\$323.20	\$3,232.00	0.44	27.70	
	calculated by Michele Edi							
Priority 1961	35-13855 Ariva	rate	volume	acre	af/ac	cfs/ac	timester vol	comment
	leased irrigation	0.06	20	5	4.00	0.012		from cell 58/148
	Pocock rental request	0.06	20	5	4.00	0.012		lease HG = 4.0
	Pocock actual use	0.06	8.5	5	1.70	0.012	2.8333	lease CU=3.0
2nd run	From 2 model parameter	0.06	15	5	3.00	0.012	5.0000	
Priority 1954	35-13993 Ritchie	rate	volume	acre	af/ac	cfs/ac	timester vol	comment
	degreed parent 35-2382	1.82	680	170	4.00	0.010705882		decreed combined limits 5.19 cfs, 310 ac and 1240 AF
	35-13993	0.2	74	18.5	4.00	0.010810811		18.5 ac w/in 34.4 ac; 0.6 cfs; 137.6 AF
amended 2014-18	lease	0.21	78.4	19.6	4.00	0.010714286		35.7 ac
	35-13993 and 35-14468	0.14	50.8	12.7	4.00	0.011023622		some limits were dropped on lease but lease elements calc'd ok
	Yancey rental	0.13	50	12.5	4.00	0.010		cancelled 12/2017
	Heritage Farms rental	0.07	27.6	6.9	4.00	0.010		through 2018
	Pocock rental request	0.14	50.8	12.7	4.00	0.011	16.9333	
	Pocock actual use	0.14	21.59	12.7	1.70	0.011023622	7.1967	
2nd run	From 1 model parameter	0.14	38.1	12.7	3.00	0.011	12.7000	
	committed from the lease	0.21	78.40	19.60				
	remaining	0.00	0.00	0.00				
Priority 1975	35-13995 Ritchie	rate	volume	acre	af/ac	cfs/ac	timester vol	comment
	decreed parent 35-7541	4	1228	307	4.00	0.013029316		decreed combined limits 5.19 cfs, 310 ac and 1240 AF
	35-13995	0.42	134.4	33.6	4.00	0.0125		33.6 w/in 34.4 ac; 0.6 cfs; 137.6 AF
amended 2014-18	lease	0.46	141.2	35.3	4.00	0.013031161		35.3 w/in 35.7 ac
	35-13995 and 35-14469	0.3	90.8	22.7	4.00	0.013215859		
	Yancey rental	0.28	90	22.5	4.00	0.012		cancelled 12/2017
	Heritage Farms rental	0.16	50	12.5	4.00	0.013		through 2018
	Pocock rental request	0.3	91.2	22.8	4.00	0.013	30.4000	
	Pocock actual use	0.3	18.59	22.7	1.70	0.013215859	12.8633	
2nd run	From 1 + model parameter	0.3	68.4	22.7	3.01	0.013	22.8000	
	committed from the lease	0.46	141.20	35.30			47.0667	
	remaining	0.00	0.00	0.00				
							16.32	from 3 yr model
		0.44	161.60	27.7	5.83	0.016	39.21333333	total To model parameter