

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 300

RECEIVED

MAR 27 2019

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)
21-7154	6/29/1978	GROUND WATER	0.51	Not Stated	27.8	0.018	Not Stated
21-7155	6/29/1978	SAND CREEK, Tributary to Sinks	0.45	97.3	27.8	0.016	3.5
Combined Limit Totals			0.45	97.3	27.8	0.016	3.5
Combined Rental Totals			0.45	97.3	27.8	0.016	3.5

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2019. Use of rental water shall be authorized as of either the date this rental agreement takes effect or the first day of the rental season of use, in 2019, whichever occurs last.

Annual Rental Fee:

2019: \$1,946.00

The full fee for the rental of the above-described right(s) is \$1,946.00 for 2019. The rental fee includes an administrative fee of \$194.60 for 2019.

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

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate/Acre (CFS/AC)	Volume/Acre (AF/AC)
IRRIGATION	0.450	97.3	27.8	0.016	3.5
Combined Total	0.450	97.3	27.8	0.016	3.5

* The authorized water usage reflects a reduction from the water right elements rented, to account for combined limits and diversion of groundwater only under this rental.

Detailed water right conditions are attached.

SUPPORT DATA
IN FILE # 21-7154

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 300

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

3-20-19

Date

Ray R. Pocock
Printed Name

Owner
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

Date 3/28/2019

Rental approved by IDWR 

Date 3-28-2019

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 300

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

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

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.45 CFS

VOLUME
97.3 AF

SEASON OF USE

Water Right No.	From	To
21-7154	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	5.3	4.2			4.4									27.8

Total Acres: 27.8

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 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. 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.
5. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. 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.
7. 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.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
9. This rental agreement does not authorize the construction of a well.
10. This right is subject to regulation by the watermaster of Water District No. 100.
11. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 300

12. Rental of Right Nos. 21-7155 and 21-7154 when combined with Rights 22-7167A, 22-7052A, 22-2271D, 22-7439, 22-14082, 22-14083 and 22-14084 when combined shall not exceed a total annual maximum diversion volume of 2518.6 af at the field headgate, and the irrigation of 719.0 acres.
13. Prior to December 31 of each year, the Board may review this rental agreement to determine whether it is consistent with the management plan that may be approved for the Eastern Snake Plain Aquifer Ground Water Management Area ("ESPA GWMA Plan") pursuant to Idaho Code § 42-233b. The Board may cancel this rental agreement if the Board determines it is not consistent with the ESPA GWMA plan. If this rental agreement is canceled, the cancellation shall not take effect until December 31 of the year in which the rental agreement is canceled.

Idaho Water Resource Board
Attachment to Water Supply Bank Rental Agreement No. 300

Effective until December 31, 2019

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
-  Township/Range
-  Sections
-  QQ



0 750 1,500 Feet

RECEIVED

NOV 05 2018

DEPARTMENT OF
WATER RESOURCESSTATE OF IDAHO
WATER RESOURCE BOARDAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANK

RECEIVED

OCT 29 2018

Department of Water Resources
Eastern RegionApplicant 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

35-13362

35-2391

35-13340

1234

**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 2964 N 5000 E Sugar City ID 83448
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. Rental Agreement 218 covers 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?	
4/15/2019	6/1/2019	☒ 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
35-13362	Irrigation	0.05	11.2	2.8		0.02	5.2	1.3
35-13340	Irrigation	0.47	88.8	22.2		0.22	41.2	10.3
		0.47	100	25		0.22	46.4	11.6
35-2391	Irrigation	3.44	688	172		0.22	44.8	11.2
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	0.5	111.2	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 2018.

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

If yes, describe:

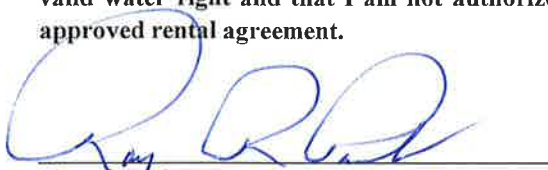
- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☒

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

- D. Additional Information

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

10-29-18
Date

Signature of Representative

Printed Name of Representative

Date

Mail to:

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

STATE OF IDAHO
WATER RESOURCE BOARD

Water Modeling Requirement Information Sheet

Information on water modeling requirements for rental requests within special administrative areas

Important information on requesting rental water within special administrative areas: Refer to the information below to determine whether the modeling of potential impacts from your rental request is necessary. Use Section 4 of the rental application to identify selected water rights. **If you submit an application to rent water from within a special administrative area and water modeling is required, your rental request will be returned if water modeling is not provided.**

Water modeling may be required when an application to rent water involves one of two scenarios:

Scenario 1: The rental request proposes to divert water from a regulated water source and/or within a special administrative area AND the distance between the rental point(s) of diversion (POD) and the POD(s) for the leased water right(s) is greater than the administratively established, acceptable distance.

Regulated water sources may areas include:

- A. Ground water resources within the modeled area of the Eastern Snake Plain Aquifer (ESPA) and tributary aquifers;
- B. Ground water within Ground Water Management Areas (GWMAs) or Critical Ground Water Areas (CGWAs);
- C. Water resources within other specified administrative areas, as established by the Idaho Water Resource Board (IWRB) or the Idaho Department of Water Resources.

The distance between any rental POD(s) and the POD(s) for a leased water right to be rented is important. On the ESPA, distance is measured in terms of model cells that cover an area of one square mile. Ground water modeling is not required if lease POD(s) and rental POD(s) are located within the same model cell or within adjacent model cells. If the lease and rental PODs are separated by more than one model cell groundwater modeling must be completed using the IDWR ESPA Transfer Tool and modeling results must be submitted with the rental application. ESPA modeling tools can be accessed and freely downloaded from IDWR's website by visiting: www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm.

Ground water modeling may be required within GWMAs, CGWAs or other regulated administrative areas. Applicants who desire to rent water within an established GWMA, CGWA or other regulated administrative area should consult IDWR's website before submitting their application to review the current status of administrative orders related to regulated administrative areas. Consult www.idwr.idaho.gov/WaterInformation/GroundWaterManagement/designated_areas.htm for information on GWMAs or CGWAs, visit <https://idwr.maps.arcgis.com/home/> to use mapping tools to find other regulated areas.

Applicants interested in renting water within a GWMA, CGWA or other regulated administrative areas should request water rights that have been leased into the Bank from within the same administrative area. Generally, the Bank will not permit a rental of water within a regulated administrative area if the leased water rights are not located within that same administrative area.

Scenario 2: A rental request proposes to divert water from a different but hydraulically connected water source.

Modeling situations may include:

- A. Rental requests that propose to divert surface water rights via ground water POD(s) (wells); and
- B. Rental requests that propose to divert ground water from one aquifer when the right being rented authorizes the diversion of ground water from a hydraulically connected, tributary aquifer.

Rental requests that propose to divert surface water rights from ground water points of diversion may be considered if ground water modeling establishes that the surface and ground water resources are directly and immediately hydraulically connected. An acceptable hydraulic connection occurs when at least 50 percent of the total depletions from a well are detectable from the original water source within a 24 hour period. The existing (leased) POD and proposed (rental) POD must be proximate such that diversion and use of water from the proposed POD would have substantially the same effect on the hydraulically-connected source as diversion and use of water from the original POD.

Requests to rent ground water across tributary aquifer sources may be considered if ground water modeling is provided to demonstrate that two aquifers are hydraulically connected and the anticipated impacts of diverting ground water from one source through the other is modeled accordingly.

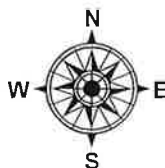
For more information about rental application requirements, contact IDWR at (208) 287-4800.



2015 Aerial Photography

Legend

- Proposed POD
- WSB 2019 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, 35-2391, 35-13362, 35-13340

The Ralph R and Beth Pocock Family Limited Partnership

The Applicant requires an additional 27.8 acres at the proposed place of use to irrigate acres under end guns of 3 center pivots. This application proposes to rent water from water right nos. 35-13855, 35-2391, 35-13362, and 35-13340 for the 2019 season that will cover the 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.

Quantities			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	0.50	97.3
FROM 1	35-13362	1.3	19721113	81	135	3	30.9	10.3	1.3	0.02	5.2
	35-13340	10.3	19721113	81	135	3	3.9	1.3	10.3	0.22	41.2
FROM 2	35-13855	5.0	19610214	58	148	3	15.0	5.0	5.0	0.06	20
FROM 3	35-2391	11.2	19541220	70	130	3	33.6	11.2	11.2	0.22	44.8
Total Rented									27.8	0.50	111.2

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

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 model simulation.

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

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
 TRANSFER NO: 35-13855 et al
 YEAR: 1954
 SEASON: WINTER
 TRANSFER NAME: Pocock

UPDATE DATES

RUN MODEL

GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	64	81	58	70
COLUMN	192	135	148	130

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
WIN 1954	0	0	0	0	0	0	11
SPR 1955	0	0	0	0	0	0	11
SUM 1955	0	0	0	0	0	0	11
WIN 1955	0	0	0	0	0	0	11
SUM 1960	0	0	0	0	0	0	11
WIN 1960	0	0	0	5	5	11	11
SPR 1961	0	0	0	5	5	11	11
SUM 1961	0	0	0	5	5	11	11
WIN 1961	0	0	0	5	5	11	11
SPR 1962	0	0	0	5	5	11	11
SPR 1972	0	0	0	5	5	11	11
SUM 1972	0	0	0	5	5	11	11
WIN 1972	0	12	12	5	5	11	11
SPR 1973	0	12	12	5	5	11	11
SUM 1973	0	12	12	5	5	11	11
WIN 1973	0	12	12	5	5	11	11
SPR 1974	0	12	12	5	5	11	11
SUM 1974	0	12	12	5	5	11	11
SPR 2018	0	12	12	5	5	11	11
SUM 2018	0	12	12	5	5	11	11
WIN 2018	0	12	12	5	5	11	11
SPR 2019	16	0	12	0	5	0	11
SUM 2019	16	0	12	0	5	0	11
WIN 2019	16	0	12	0	5	0	11
SPR 2020	0	12	12	5	5	11	11
SUM 2020	0	12	12	5	5	11	11
WIN 2020	0	12	12	5	5	11	11
SPR 2021	0	12	12	5	5	11	11
SUM 2021	0	12	12	5	5	11	11
WIN 2021	0	12	12	5	5	11	11
SPR 2022	0	12	12	5	5	11	11
SUM 2022	0	12	12	5	5	11	11
WIN 2022	0	12	12	5	5	11	11
SPR 2023	0	12	12	5	5	11	11

Figure 2. Net Transfer Graphs

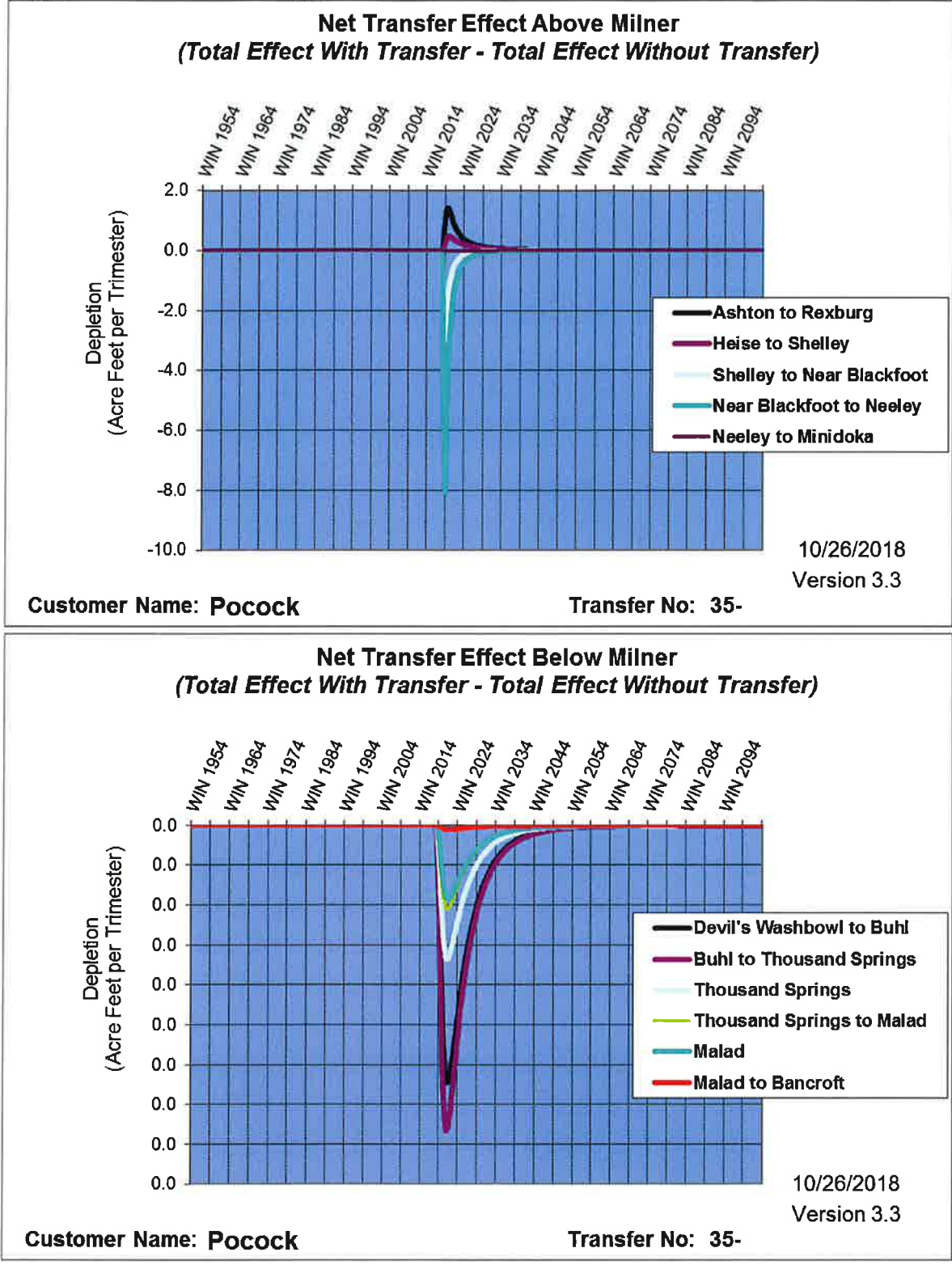


Figure 3. Calculated Affects **Beginning** Prior to Proposed Rental Period

	Net Transfer Effect (AF/four months)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft Neeley	Neeley to Minidoka	Dev. Wbl. Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2019	0.3	0.0	-1.6	-4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2019	0.7	0.1	-2.4	-6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2019	1.2	0.3	-3.0	-8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2020	1.4	0.4	-1.8	-5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2020	1.4	0.5	-1.3	-3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2020	1.3	0.5	-1.1	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2021	1.2	0.4	-0.8	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2021	1.1	0.4	-0.7	-1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2021	0.9	0.4	-0.6	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2022	0.8	0.3	-0.5	-1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2022	0.7	0.3	-0.4	-1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2022	0.7	0.3	-0.3	-0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2023	0.6	0.3	-0.3	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2023	0.6	0.3	-0.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2023	0.5	0.2	-0.2	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2024	0.4	0.2	-0.2	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2024	0.4	0.2	-0.2	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2024	0.4	0.2	-0.1	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2025	0.3	0.2	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2025	0.3	0.2	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2025	0.3	0.2	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2026	0.3	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	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2027	0.2	0.1	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2027	0.2	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2027	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2028	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2028	0.2	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
WIN 2030	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2031	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2031	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2031	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

er First Time Step of Transfer: WIN 1954

[illegible]



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700

Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

March 28, 2019

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. 21-7154 and 21-7155, AGREEMENT 300**

Dear Renter:

Please find enclosed a receipt in the amount of **\$1,946.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 97.3 acre-feet of water for irrigation of 27.8 acres during 2019. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or \$1,751.40 of the rental fee will be paid to the lessor(s) and 10% or \$197.60 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. C106465
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office
Blake Jordan – State Water District No. 100
Kristin Moore – Rocky Mountain Environmental
Madison GWD



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700

Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

March 12, 2019

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. 21-7154 and 21-7155, AGREEMENT 300

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 \$1,946.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 97.3 acre-feet.

Please send a check for \$1,946.00 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 \$1,751.40 of the rental fee will be paid to the lessor(s) and 10% or \$194.60 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

Enclosure

c: IDWR Front Desk
Kristin Moore – Rocky Mountain Environmental

Webster, Clay

From: Condon, Mary
Sent: Thursday, February 21, 2019 9:46 AM
To: Webster, Clay
Subject: FW: Rental Review - Pocock Family

FYI

From: Cefalo, James
Sent: Wednesday, February 20, 2019 4:06 PM
To: Condon, Mary
Subject: RE: Rental Review - Pocock Family

Mary,

Same as my previous email. I don't have any concerns with the proposed rental, but my thoughts may not be worth very much at this point.

James

James Cefalo
Water Resources Program Manager
IDWR Eastern Region
(208) 525-7161

From: Condon, Mary
Sent: Wednesday, February 20, 2019 3:01 PM
To: Cefalo, James <James.Cefalo@idwr.idaho.gov>
Subject: Rental Review - Pocock Family

James,

Please see the attached review memo and move map, and kindly respond with comments or concerns within 10 days.

Best,
Mary

Mary Condon
Water Supply Bank Specialist
Planning & Projects Bureau
Idaho Department of Water Resources
Main: (208) 287-4936
Fax: (208) 287-6700

MEMORANDUM FOR AGREEMENT # 300

To: Water Right(s) 21-1754 & 21-7155
From: Mary Condon
Date: February 12, 2019 (February 20, 2019)
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: Application to rent groundwater within the ESPA for 2019, is a repeat rental application and was received on October 29, 2019, with a November 1 priority processing date. The four requested water rights are spread west of Idaho Falls area in Basin 35, while the rental POD is in the upper east corner of the ESPA in Basin 22. Review of recently available leased rights shows 21-7154 for groundwater, with 21-7155 surface water is in the bank and not rented from 2018-2022. After a conversation with the consultant, she allowed me to look further into the availability of 21-7154 to simplify the rental and bring the rented rights closer to the rented location.

AUTHORITY TO FILE: Application for rental by The Ray and Beth Pocock Family LTD Partnership was signed by Ray Pocock and listed Kristen Moore with Rocky Mtn Environmental Assoc., as their consultant. Taxlot information for the rental location and existing wells for multiple water rights are in the name of The Ray and Beth Pocock Family LTD Partnership and Ray Pocock. No concerns with authority to file.

WATER RIGHT VALIDITY: Water right 21-7154 was decreed in 2007, and 21-7155 was decreed in 2009, with a stated last use in 2012. Water right owners had until the end of 2018 to protect from forfeiture, which it was accepted into the bank as of December 14, 2018, back dated to January 1, 2018. During review of the lease of these rights, three items of clarification were stated. The first was that ground water right 21-7154 is considered primary, also noted in the 2005 beneficial use exam for 21-7155; and the second is that although the licensed volume was not decreed on this groundwater right, there was statement on the lease application and records showing crop data for alfalfa; and the third is that only 50 acres worth of irrigation out of 90.1 acres possible for these rights can be seen in the 2013 infrared imagery, which is after their statement of 2012. Color imagery from 2011 shows harvesting of both the North and South fields, equal to the 80 acres. No concerns of validity through historical imagery available.

INJURY TO OTHER WATER RIGHTS: Use of the Basin 21 rights instead of the requested Basin 35 rights will move the lease and rental locations closer to each other, while also making the Basin 35 rights available to other requests later in the season closer to their leased location. Modeling through the Etran v3.3 for 2019 only, shows no mitigation is necessary. The rental location is in a precarious part of the ESPA which has interesting impacts to the Heise to Shelley reach, making it harder to find water to fill the rental needs. However, using the Basin 21 groundwater right should not cause any injury to other water rights, as per the modeling.

Water Right 21-7154	27.8 Acres	$3AF/AC \times 27.8 = 83.4$ AFY	$83.4 AFY / 3 = 27.8$ AF/trimester
---------------------	------------	---------------------------------	------------------------------------

ENLARGEMENT OF USE: Rental is to use end guns past existing pivot water rights. Repeat of previous rentals. Leased water right and rented water right have same SOU, HG standard and rate per acre. Only the groundwater right 21-7154 will be diverted under this rental, while the surface water will not be diverted or accessible. Groundwater right 21-7154 is the primary, no enlargement of use obvious through this rental alone.

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

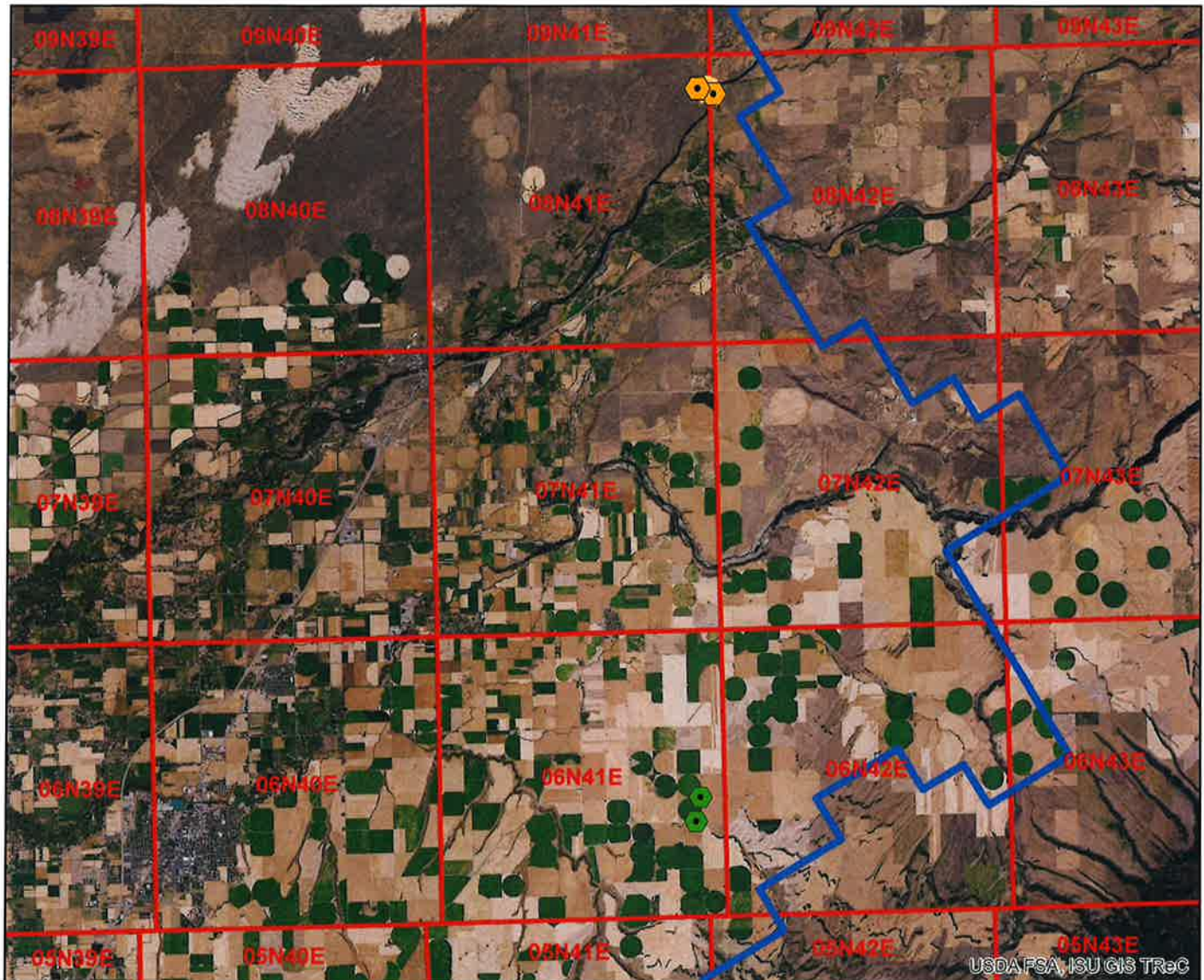
BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The location for the rental PD is within the ESPA, Ground Water District - Madison and is subject to Water District # 100 – St Anthony – Rexburg Area.

Request for comment sent to Eastern Region manager and WD100 Watermaster, 2/20/2019.

Idaho Water Resource Board

Move Map
Rental Agreement 300
Ralph & Beth Pocock Family LTD Partnership



 Active Water Supply Bank Lease POD

 Authorized Rental Point of Diversion

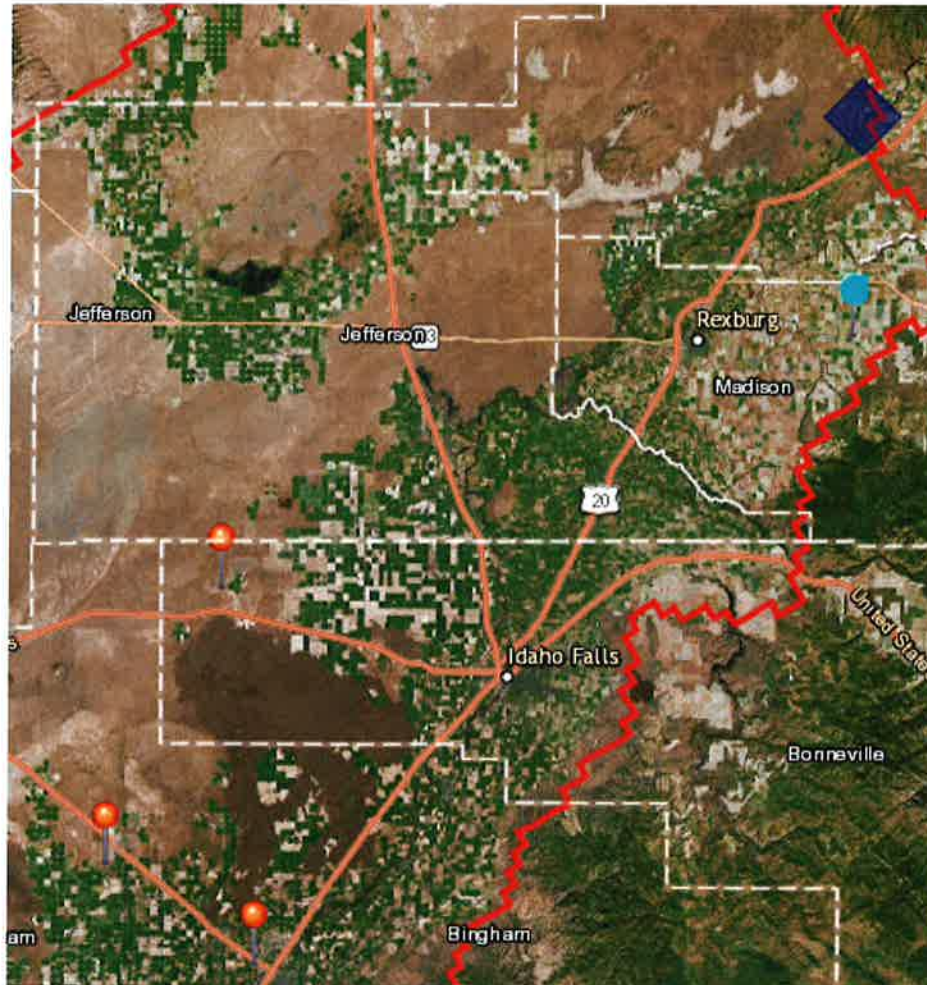
 ESPA

 Township/Range



0 5 10 Miles

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority Date	Diversion Rate	Volume	Total Acres	Acre Limit		Water District	Source List	Water Use List
22	2271	D		Water Right	Decreed	Active	N	608779	4/25/1966	0.380	154.0	692.0	44.0	0.0086	3.5	100 - St. Anthony - Rexburg Area	GROUND WATER IRRIGATION
22	7052	A		Water Right	Decreed	Active	N	594804	11/26/1971	3.200	1,364.6	692.0	632.0	0.0051	2.2	100 - St. Anthony - Rexburg Area	GROUND WATER IRRIGATION
22	7167	A		Water Right	Decreed	Active	N	594803	10/29/1975	5.380	2,212.0	692.0	632.0	0.0085	3.5	100 - St. Anthony - Rexburg Area	GROUND WATER IRRIGATION
										8.960	2,212.0		632.0	0.0142	3.5		
22	7439			Water Right	License	Active	N	654781	5/17/1983	1.640	696.0	692.0	632.0	0.0026	1.1	100 - St. Anthony - Rexburg Area	GROUND WATER IRRIGATION
										10.600	2,212.0		632.0	0.0168	3.5		
22	14082			Water Right	Decreed	Active	N	661414	8/12/1965	0.220	93.8	692.0	27.0	0.0081	3.5	100 - St. Anthony - Rexburg Area	GROUND WATER IRRIGATION
22	14083			Water Right	Decreed	Active	N	661415	4/4/1968	0.140	23.8	692.0	6.8	0.0206	3.5	100 - St. Anthony - Rexburg Area	GROUND WATER IRRIGATION
22	14084			Water Right	Decreed	Active	N	661416	12/11/1960	0.250	91.7	692.0	26.2	0.0095	3.5	100 - St. Anthony - Rexburg Area	GROUND WATER IRRIGATION
													60.0				
											2,421.3		692.0	0.0000	3.5		
									combined limits, rates are additive	11.210	2,421.3		692.0	0.0162	3.5		
										0.450	97.3		27.8	0.0162	3.5		
Requested										11.660	2,518.6	0.0	719.8	0.0162	3.5		
			priority	grid cells	acres	c/u vol	trimester										
21	7155			Water Right	decreed	active				0.920	175.0	50.0	50.0	0.0184	3.5		
21	7154			Water Right	Decreed	Active	N		Leased	0.810	175.000	50.00	50.00	0.0162	3.5		surface water, sand creek
									combined limi	0.810	175.000	50.00	50.00	0.0162	3.5		groundwater
									less Gunderson rental	21-7155	0.104						
										21-7154	0.092	19.877	5.68	0.0180	3.5		
									available	21-7155	0.816						
										21-7154	0.718		44.32				
									need to rent	0.450	97.3		27.8	0.0162	3.5		
										21-7155	0.512	97.3	27.8	0.0184	3.5		
										21-7154	0.450	97.3	27.8	0.0162	3.5		
									combined limi	0.450	97.3		27.8	0.0162	3.5		
21-7154			leased amount														
21-7154			6/28/1978 R52 C200						27.8 AF/Trimester								



- ◆ 21-7154 – proposed Water Right to rent
- Rental POD
- 35-13855, 35-13362, 35-13340, 35-2391 – Requested Water Rights

IRS

s following Transfer

pacts following Transfer

eady State Analysis

sient State Analysis

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Halse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
27.49	0.17	0.03	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.49	0.17	0.03	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.49	0.17	0.03	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28.52	1.70	0.10	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Mitigation Check 1 - >10% of Historical	0.0%	0.1%	0.3%	0.4%	0.7%	0.8%	0.8%	0.8%	0.8%	0.8%
Mitigation Check 2 - > 2 AF/T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total	99.0%	0.6%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Mitigation Check 1 - >10% of Historical	3.8%	885.3%	239.2%	230.7%	141.2%	154.4%	155.0%	154.7%	154.4%	153.0%	151.3%
Mitigation Check 2 - > 2.01 AF/T	1.0	1.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	1.0	1.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPT OF AGRICULTURE

Cells this color are
set up for user entries

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

YEAR
SEASON

1978
SPRING

TRANSFER NO:
1234
TRANSFER NAME:
Pocock LTD 2019

UPDATE
DATES

RUN
MODEL

GET
OUTPUT

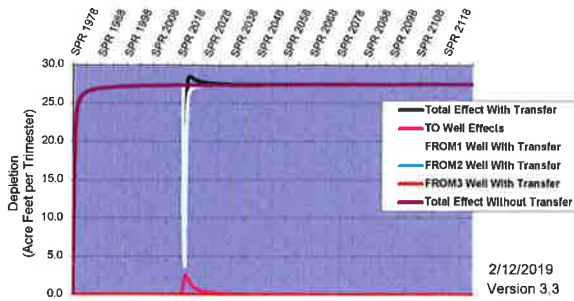
CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	TO' CELL	FROM1' CELL	FROM2' CELL	FROM3' CELL
ROW	64	52	0	0
COLUMN	192	200	0	0

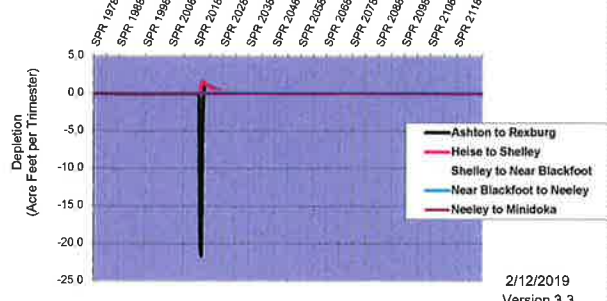
TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1978	0	0	0	0	0	0	0
SUM 1978	0	28	28	0	0	0	0
WIN 1978	0	28	28	0	0	0	0
SPR 1979	0	28	28	0	0	0	0
SUM 1979	0	28	28	0	0	0	0
WIN 1979	0	28	28	0	0	0	0
SPR 2018	0	28	28	0	0	0	0
SUM 2018	0	28	28	0	0	0	0
WIN 2018	0	28	28	0	0	0	0
SPR 2019	28	0	28	0	0	0	0
SUM 2019	28	0	28	0	0	0	0
WIN 2019	28	0	28	0	0	0	0
SPR 2020	0	28	28	0	0	0	0
SUM 2020	0	28	28	0	0	0	0
WIN 2020	0	28	28	0	0	0	0

Hydrologic Response--Ashton to Rexburg
Customer Name: Pocock LTD Transfer No: 1234



2/12/2019
Version 3.3

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

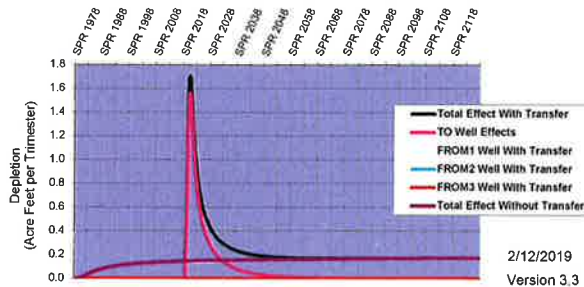


2/12/2019
Version 3.3

Customer Name: Pocock LTD 2019

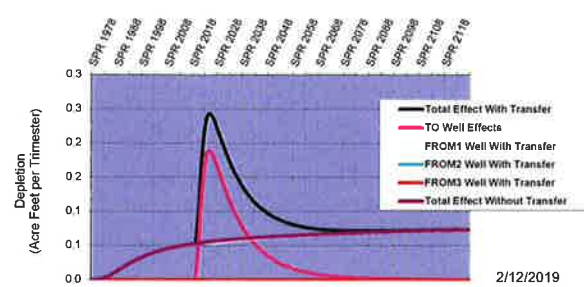
Transfer No: 1234

Hydrologic Response--Heise to Shelley
Customer Name: Pocock LTD 2019 Transfer No: 1234



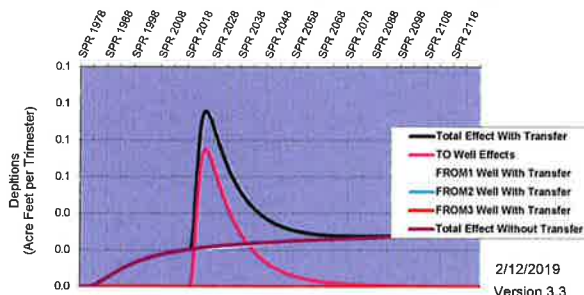
2/12/2019
Version 3.3

Hydrologic Response-- Near Blackfoot to Neeley
Customer Name: Pocock Transfer No: 1234



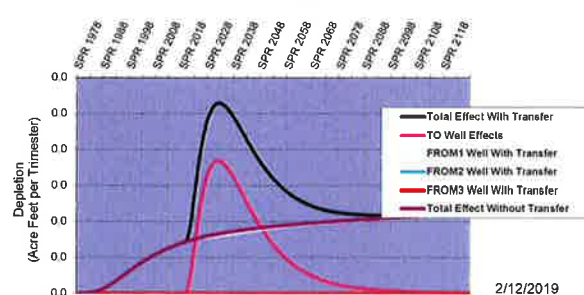
2/12/2019
Version 3.3

Hydrologic Response--Shelley to Near Blackfoot
Customer Name: Pocock Transfer No: 1234



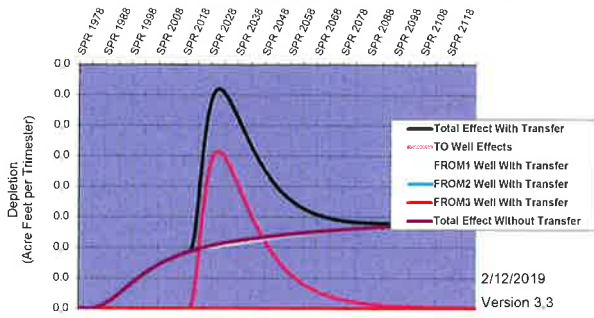
2/12/2019
Version 3.3

Hydrologic Response-- Neeley to Minidoka
Customer Name: Pocock Transfer No: 1234

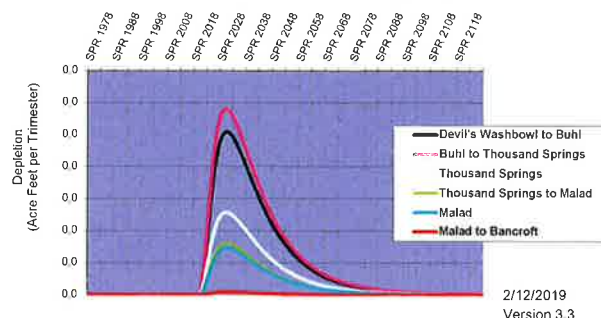


2/12/2019
Version 3.3

Hydrologic Response--Devil's Washbowl to Buhl Customer Name: Pocock LTD Transfer No: 1234



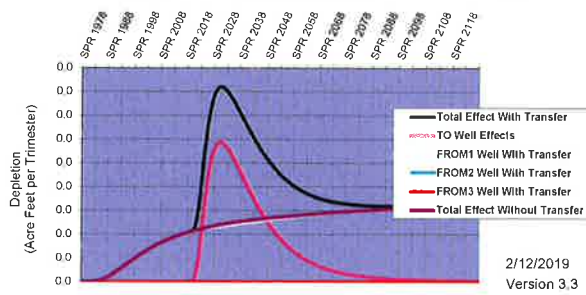
Net Transfer Effect Below Milner (Total Effect With Transfer - Total Effect Without Transfer)



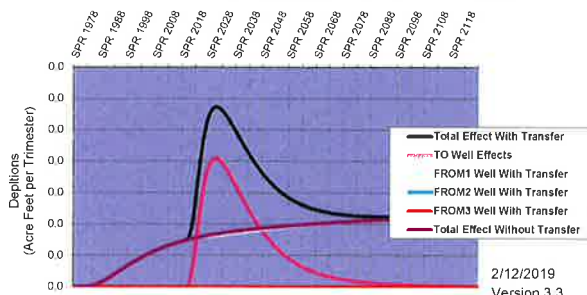
Customer Name: Pocock LTD 2019

Transfer No: 1234

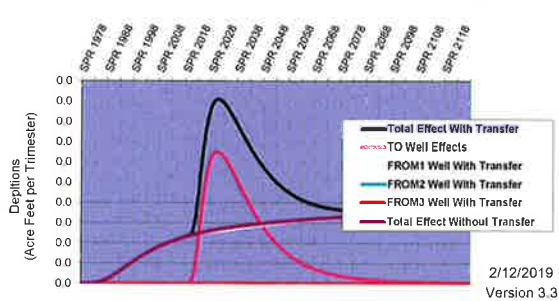
Hydrologic Response--Buhl to Thousand Springs Customer Name: Pocock LTD 2019 Transfer No: 1234



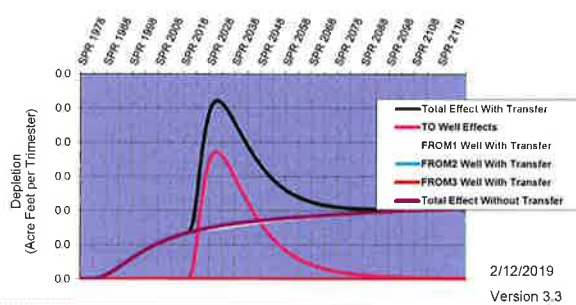
Hydrologic Response--Thousand Springs to Malad Customer Name: Pocock Transfer No: 1234



Hydrologic Response--Thousand Springs Customer Name: Pocock Transfer No: 1234



Hydrologic Response-- Malad Customer Name: Pocock Transfer No: 1234



Hydrologic Response-- Malad to Bancroft Customer Name: Pocock Transfer No: 1234

