

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 359

Receipts
E045147

This is to certify that:

RANDY D TURPIN
1146 W 100 S
BLACKFOOT, ID 83221

RECEIVED

JUL 11 2019

DEPARTMENT OF
WATER RESOURCES

RECEIVED

JUL 08 2019

Department of Water Resources
Eastern Region

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)
35-2324B	4/14/1953	GROUND WATER	0.150	29.00	7.30	0.020	3.97
35-7692	4/15/1977	GROUND WATER	0.140	23.00	5.70	0.024	4.04
Combined Limit Totals			0.260	52.00	13.00	0.020	4.00
Combined Rental Totals			0.260	52.00	13.00	0.020	4.00

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: \$1,040.00

The full fee for the rental of the above-described right(s) is \$1,040.00 for 2019. The rental fee includes an administrative fee of \$104.00 for 2019.

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 359

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

7-6-19

Date

Randy Turpin

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 7/15/2019

Rental approved by IDWR 

Date 7-15-2019

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 359

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER SESE Sec. 6, Twp 03S, Rge 34E, BINGHAM County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.26 CFS

VOLUME
52.00 AF

SEASON OF USE

Water Right No.	From	To
35-2324 B	4/1	11/1
35-7692	4/1	11/1

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	
03S	34E	6															12.0		12.0

Total Acres: 12.0

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 does not authorize the construction of a well.
10. 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. 359

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 0.1 Miles

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

RECEIVED

JUN 05 2019 DE

DEPARTMENT OF
WATER RESOURCESApplicant Name: Randy Turpin DBA Randy Turpin Farms

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)

35-2324B

35-7692

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Randy Turpin

Mailing Address <u>1146 w 100 s</u>	<u>Blackfoot</u>	Id	<u>83221</u>
Street	City	State	Zip Code
Email Address <u>just2short4me@gmail.com</u>	Phone Number <u>208-680-3793</u>		

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 _____	Professional Title _____
Organization _____	Relationship to Applicant _____
Mailing Address _____	
Email Address _____	Phone Number _____

2. MAP

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

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

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

Water is needed to irrigate 13 acres of spring wheat to cover ground that water right 35-8153 does not cover. The ground is west of the mainline in (Attachment 2) 3S 34E 6 SW1/4 SE1/4

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)
.263 CFS	52 AF	.263 CFS	52 AF	13 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?	
4-1-2019	5-20-2019	☒ 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):

Well to mainline to hand lines

- 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
From 34-8353	ESPA	

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 13 (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:

I own shares in the Peoples Canal but do not have anyway to deliver it at this time.

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)
35-2324B	Irrigation					.146	29.2	7.3
35-7692	Irrigation					.137	22.8	5.7
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	.263	52	13
						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**:

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:

Last year (2018) growing year, but by the time of application the water in need had been rented to someone else.

- 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.

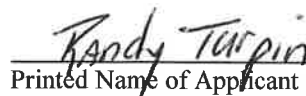
No. E2017-1160 dated April 2, 2019 3S 34E SEC 6

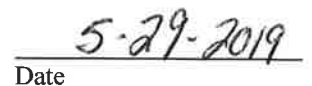
- D. Additional Information

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


Printed Name of Applicant


Date

Signature of Representative

Printed Name of Representative

Date

Mail to:

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

d #6

Leg



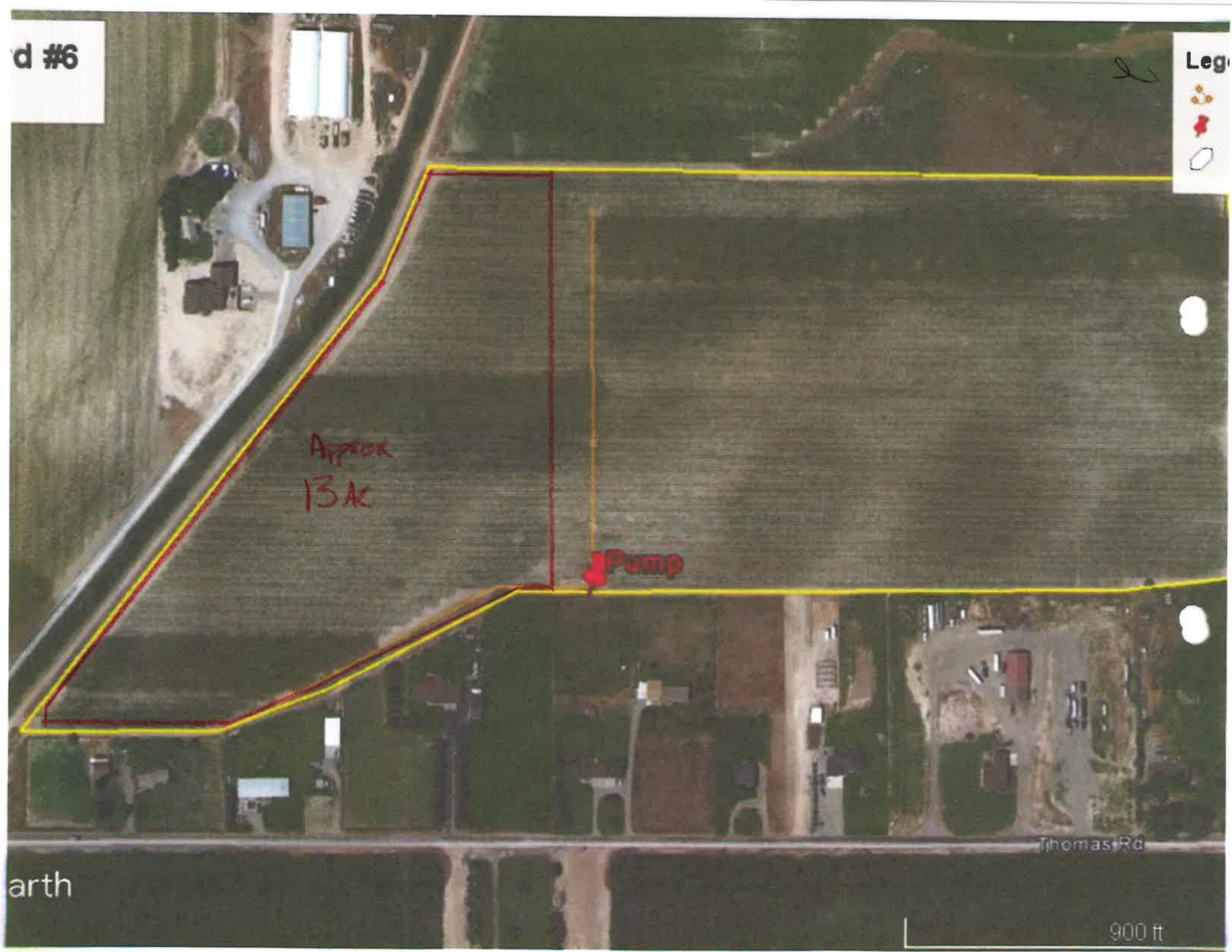
Approx
13 Ac

Pump

Thomas Rd

arth

900 ft



3H



Randy Turpin <just2short4me@gmail.com>

Prelim modeling

1 message

Randy Turpin <just2short4me@gmail.com>

Sun, Jun 2, 2019 at 3:43 PM

To: "Buyer, Remington" <Remington.Buyer@idwr.idaho.gov>

I like this modeling to use for my application for my lease request for the 13 acres on the Murdock land. As per our conversation on the phone I am sending this e-mail to use in the application. Thank you Randy Turpin

**Prelim Eval.zip**
2338K

3K

To Whom it may concern,

I understand Randy Turpin is applying for water to irrigate land that is rented to him.

I am authorizing Randy Turpin to obtain water to irrigate the 13 acres he is renting from Murdock Family Farms Limited Partnership.

Murdock Family Farms Limited Partnership
Zoanne McGarry, LLC, General Partner

A handwritten signature in cursive script, reading "Zoanne McGarry", written over a horizontal line.

Zoanne McGarry, LLC, General Partner



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

July 16, 2019

RANDY D TURPIN
1146 W 100 S
BLACKFOOT ID 83221

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-2324B AND 35-7692, AGREEMENT 359**

Dear Renter:

Please find enclosed a receipt in the amount of **\$1,040.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 52.0 acre-feet of water for irrigation of 12.0 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 \$936.00 of the rental fee will be paid to the lessor(s) and 10% or \$104.00 will be retained by the Department to offset administrative costs.

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

Sincerely,


Robbi S. Smith
Water Supply Bank

Enclosures: Receipt No. E045147
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office
Blake Jordan – State Water District No. 120
Aberdeen-American Falls GWD



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

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BRAD LITTLE
Governor

GARY SPACKMAN
Director

July 2, 2019

RANDY D TURPIN
1146 W 100 S
BLACKFOOT ID 83221

RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-2324B and 35-7692, AGREEMENT 359

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.

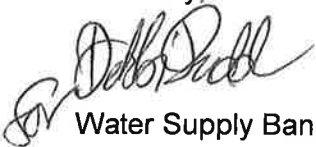
A rental fee of \$1,040.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 20.0 acre-feet.

Please send a check for \$1,040.00 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 \$936.00 of the rental fee will be paid to the lessor(s) and 10% or \$104.00 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

Buyer, Remington

From: Cefalo, James
Sent: Monday, July 1, 2019 8:45 AM
To: Buyer, Remington
Subject: RE: WSB Rental Application 1430

Remington,

I don't have any concerns with the proposed WSB rental. I hope Mr. Turpin can find a permanent water supply for the 13 acres.

James Cefalo
Water Resources Program Manager
IDWR Eastern Region
(208) 497-3784

From: Buyer, Remington
Sent: Friday, June 28, 2019 1:15 PM
To: Cefalo, James <James.Cefalo@idwr.idaho.gov>; Jordan, Blake <Blake.Jordan@idwr.idaho.gov>
Subject: WSB Rental Application 1430

Blake, James,

Randy Turpin wants to irrigate 13.0 acres near Blackfoot with a WSB rental of 35-2324B and 35-7692. Attached is a draft rental agreement, review memo and map. On behalf of the IDWR Regional Office and Water District 120, please advise if you have any questions, comments or concerns about the rental request.

Thank you,

Remington

Memorandum

To: Water Supply Bank Application 1430

From: Remington Buyer

Date: June 28, 2019

Re: Water Supply Bank Rental Application 1430 for Agreement 359

Purpose/Narrative: Application received June 5, 2019, from Randy Turpin, who is seeking an authorization to irrigate approximately 13 acres with diversions of ESPA ground water, near Rockford, Idaho. The acres to be irrigated are not serviced by any appurtenant water rights, and they are adjacent lands irrigated with ground water right 35-8153, which belongs to the applicant.

Authority to File: The point of diversion is a well located on land owned by the applicant and the place of use is on land owned by the Murdock Family Farms Limited Partnership, which per Idaho Secretary of State records, Zoanne Murdock McGarry is the registered agent and general partner. A letter from Zoanne McGarry authorizing Mr. Turpin to irrigate the 13.0 acres owned by the partnership was included with the rental application. No concerns about authority to file.

Water Right Validity/Forfeiture Evaluation: There are no ground water rights appurtenant to the rental property. The application includes a request to rent water rights 35-2324B and 35-7692 (contract 972) which are valid and leased to the Bank.

Injury Evaluation: ESPA ground water modeling does not suggest any injury should occur through the rental of water rights 35-2324B and 35-7692, from their leased location, to the proposed rental location.

Enlargement of Use: Water right 35-8153 authorizes ESPA ground water diversions of 0.4 cfs for irrigation of 20 acres, providing 0.02 cfs/acre. There is no decreed diversion volume. The water rights to be rented also authorize diversions of 0.02 cfs/acre. Enlargement should be avoided provided the rental does not exceed a diversion rate of 0.02 cfs/acre.

Local Public Interest: Staff are unaware of any local public interests contrary to this rental.

Beneficial Use/Conservation of Water Resources: Irrigation is a beneficial use and irrigation practices are not expected to be contrary to water conservation standards.

Department/Watermaster Comments: This rental is subject to Water District 120 administration and IDWR Eastern Regional Office oversight. Comments will be requested from the water district and regional office.

Water Supply Bank Evaluation: Subject to favorable water district and regional office comments, it is recommended this rental be approved.

ENHANCED GROUND-WATER RIGHTS TRANS

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPA

Cells this color are
set up for user entries

UPDATE
DATES

RUN
MODEL

GET
OUTPUT

ENTER STARTING DATE FOR

SIMULATION. THEN PUSH

"UPDATE DATES" BUTTON

YEAR 1950

SEASON SPRING test

TRANSFER NO:

123

TRANSFER NAME:

test

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

'TO' CELL

'FROM1' CELL

'FROM2' CELL

'FROM3' CELL

ROW

79

74

COLUMN

129

132

TRIMESTER

TO WELL

FROM1 WELL

FROM2 WELL

FROM3 WELL

OF

Projected Use

With Transfer

Without Transfer

With Transfer

Without Transfer

With Transfer

Without Transfer

ACTIVITY

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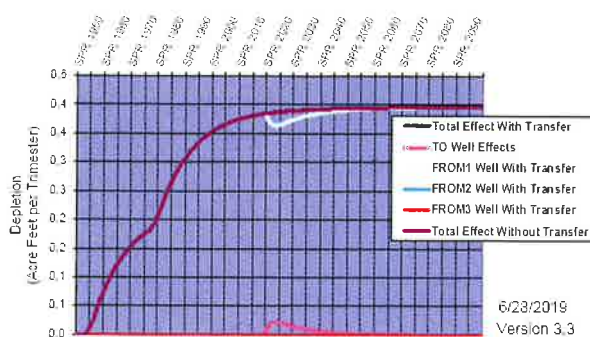
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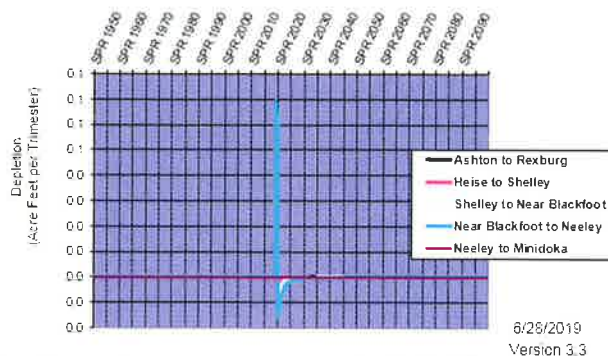
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Hydrologic Response--Ashton to Rexburg
Customer Name: test Transfer No: 123

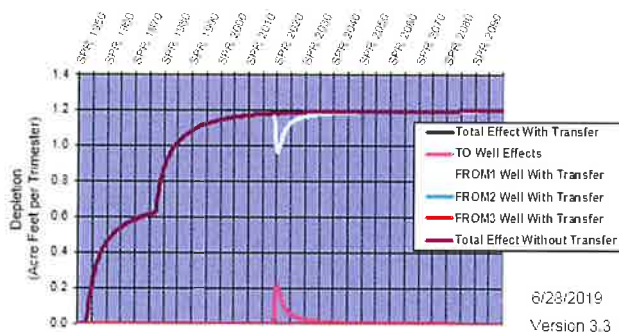


Net Transfer Effect Above Milner
(Total Effect With Transfer - Total Effect Without Transfer)

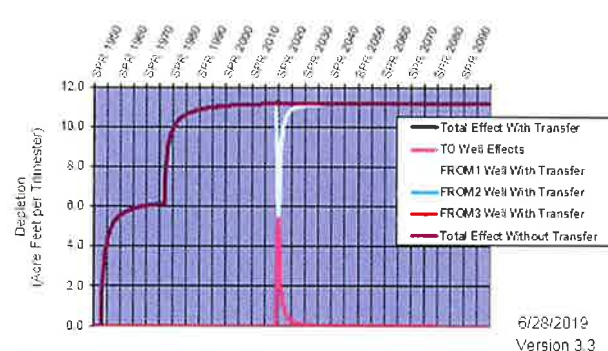


Customer Name: test Transfer No: 123

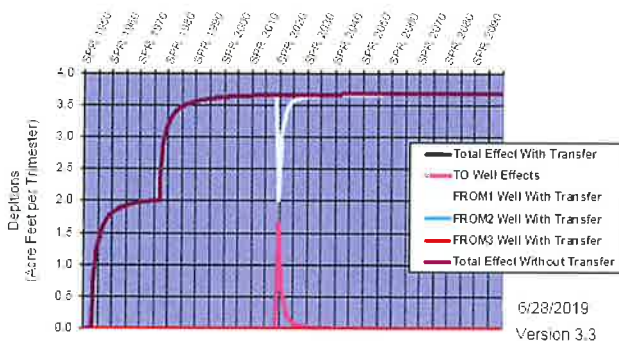
Hydrologic Response--Heise to Shelley
Customer Name: test Transfer No: 123



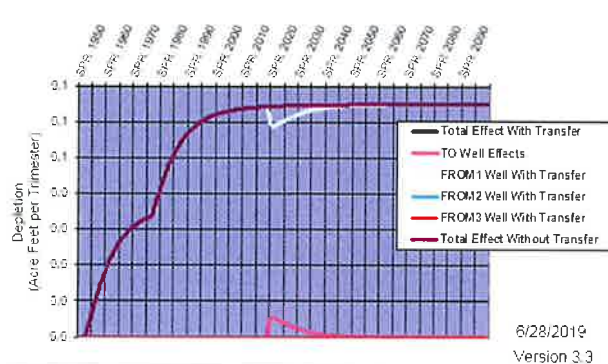
Hydrologic Response--Near Blackfoot to Neeley
Customer Name: test Transfer No: 123



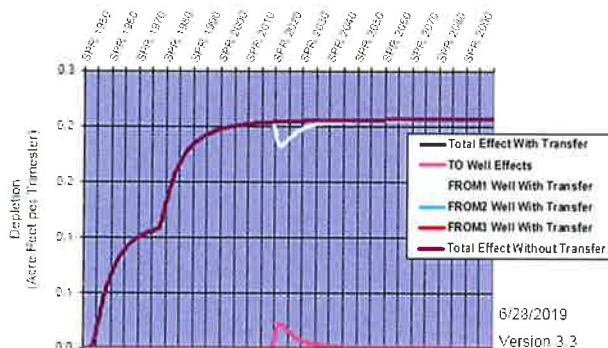
Hydrologic Response--Shelley to Near Blackfoot
Customer Name: test Transfer No: 123



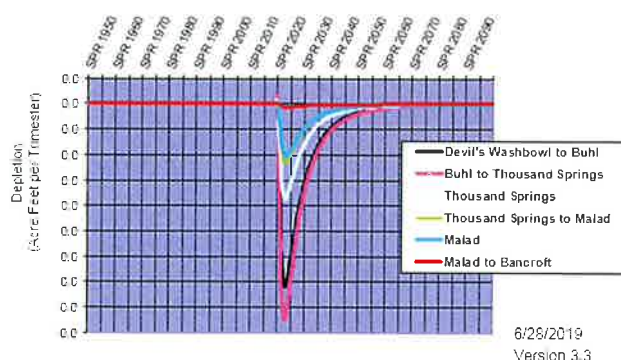
Hydrologic Response--Neeley to Minidoka
Customer Name: test Transfer No: 123



Hydrologic Response--Devil's Washbowl to Buhl
Customer Name: test Transfer No: 123

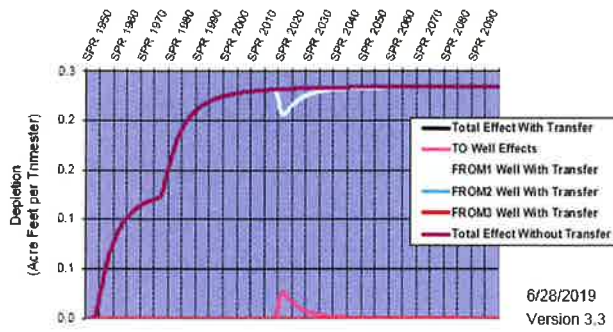


Net Transfer Effect Below Milner
(Total Effect With Transfer - Total Effect Without Transfer)

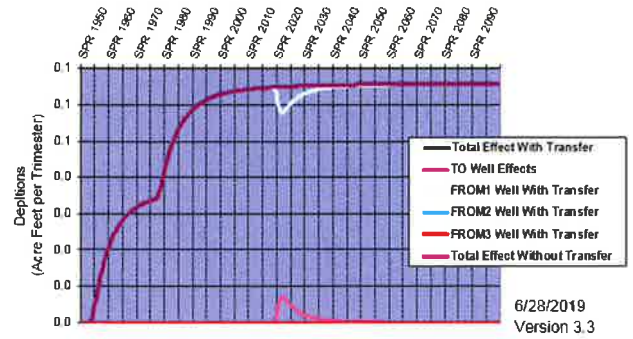


Customer Name: test Transfer No: 123

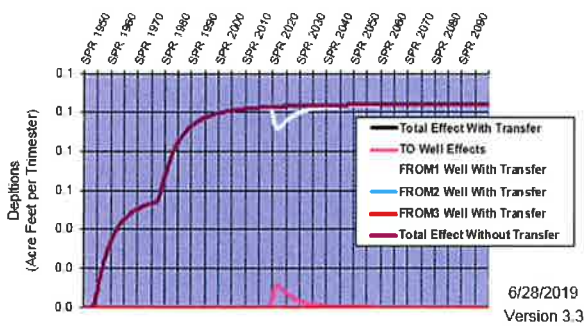
Hydrologic Response--Buhl to Thousand Springs
Customer Name: test Transfer No: 123



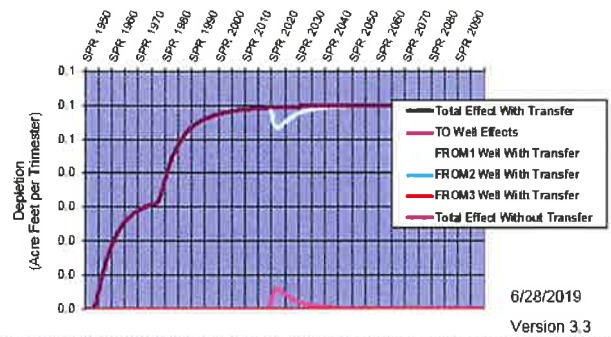
Hydrologic Response--Thousand Springs to Malad
Customer Name: test Transfer No: 123



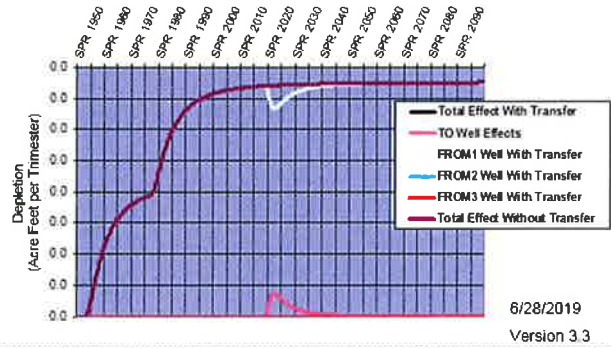
Hydrologic Response--Thousand Springs
Customer Name: test Transfer No: 123



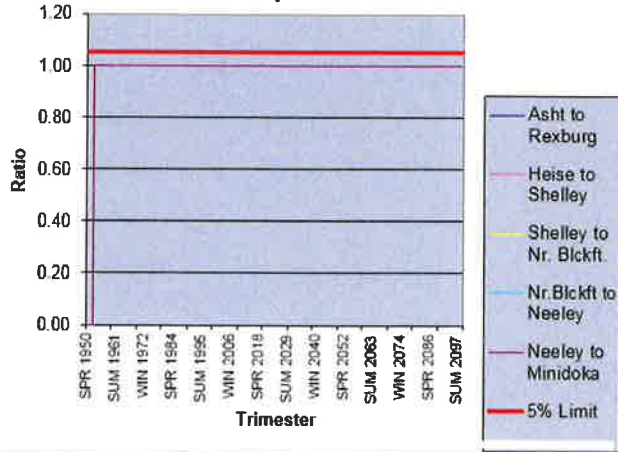
Hydrologic Response--Malad
Customer Name: test Transfer No: 123



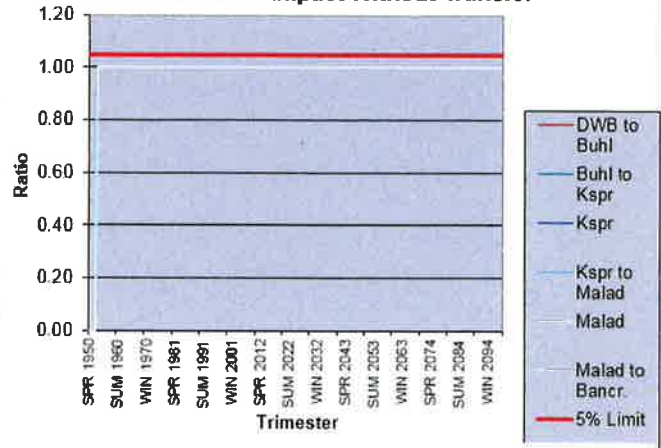
Hydrologic Response--Malad to Bancroft
Customer Name: test Transfer No: 123



Change Above Milner as Ratio of Impact With Transfer to Impact Without Transfer



Change Below Milner as Ratio of Impact With Transfer to Impact Without Transfer



Mitigation Analysis Period

Trimester

One-Way Analysis of Independent Transfers

New Water Right (GModelo):

WR No.	Div. Rate (CFS)	Con. Vol. (AF/yr)	No. of yr. Acres	Priority Date	POD Location	Dedicated Vol. AF/yr, AFT	Model Node
Transfer 1: Proposed Steady State Impacts following Transfer							
???	???	275.6	68.9	1/1/1960	8520E-3	275.6 91.9	SP082075
???	???	275.6	68.9	1/1/1960	8520E-3	275.6 91.9	SP082075
Transfer 1: Worst Case Transient State Impacts following Transfer							
???	???	275.6	68.9	1/1/1960	8520E-3	275.6 91.9	SP082075
???	???	275.6	68.9	1/1/1960	8520E-3	275.6 91.9	SP082075

Impact by Reach (AF/Trimester)

Asht to Rexburg	Heise to Shelley	Shelley to Nr. Bickft.	Nr. Bickft to Neeley	Neeley to Minidoka	Dev. Vbl to Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancr.
0.40	1.20	3.68	11.24	0.07	0.21	0.23	0.10	0.07	0.06	0.00
0.40	1.20	3.68	11.24	0.07	0.21	0.23	0.10	0.07	0.06	0.00
0.40	1.20	3.68	11.24	0.07	0.21	0.23	0.10	0.07	0.06	0.00
0.40	1.20	3.68	11.24	0.07	0.21	0.23	0.10	0.07	0.06	0.00

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%	0.0%
Mitigation Check 2 - > 2 AF/yr	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	2.3%	7.0%	21.3%	65.1%	0.4%	1.2%	1.4%	0.6%	0.4%	0.0%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Required (AF/yr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - > 10% of Historical	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2 - > 2.01 AF/yr	0.0	0.0	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	NO
Mitigation Vol. Required (AF/yr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Read file