

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 316

RECEIVED

MAY 22 2019

DEPARTMENT OF
WATER RESOURCES

This is to certify that:

LANCE FUNK

PO BOX 310

AMERICAN FLS, ID 83211-0310

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)
35-7777	1/24/1978	GROUND WATER	1.050	246.00	61.50	0.017	4.00
35-2391	12/20/1954	GROUND WATER	0.220	44.80	11.20	0.020	4.00
35-13609	9/5/1972	GROUND WATER	0.210	65.60	16.40	0.013	4.00
35-7246M	9/5/1972	GROUND WATER	0.580	230.40	57.60	0.010	4.00
Combined Limit Totals			0.790	296.00	74.00	0.011	4.00
Combined Rental Totals			2.060	586.80	146.70	0.014	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 - 2020: \$1,173.60 annually

The full fee for the rental of the above-described right(s) is \$1,173.60, which is the full administrative fee. Note that the renter is obligated to pay only the administrative fees associated with the water right(s): 35-7777, 35-2391, 35-13609 and 35-7246M.

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	1.270	290.80	72.70	0.017	4.00
Combined Total	1.270	290.80	72.70	0.017	4.00

** The authorized water usage reflects a reduction from the water right elements rented, to account for per-acre diversion rates and volumes, which vary amongst the three fields authorized to be irrigated through this rental.*

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 316

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:

 5-20-19
Signature of Renter Date
LAND FUNK 5-20-19
Printed Name 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  Date 5/23/2019
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Rental approved by IDWR  Date 5-23-2019

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 316

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER	SWNW	Sec. 20, Twp 06S, Rge 29E,	POWER County
GROUND WATER	NENE	Sec. 30, Twp 06S, Rge 29E,	POWER County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
1.27 CFS

VOLUME
290.80 AF

SEASON OF USE

Water Right No.	From	To
35-7777	4/1	10/31
35-2391	4/1	10/31
35-7246M	4/1	10/31
35-13609	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	
06S	29E	19			25.3	25.4											16.8	30.0	97.5
06S	29E	30		9.3															9.3

Total Acres: 106.8

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. Use of water under rights on this rental, when combined with water rights 35-7632A, 35-14442 and 35-14443 and water rights on rental agreements 154, 222 and 295, shall not exceed a total diversion rate of

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 316

6.26 cfs, a total annual maximum diversion volume of 1,480.0 af at the field headgate, and the irrigation of 370.2 acres.

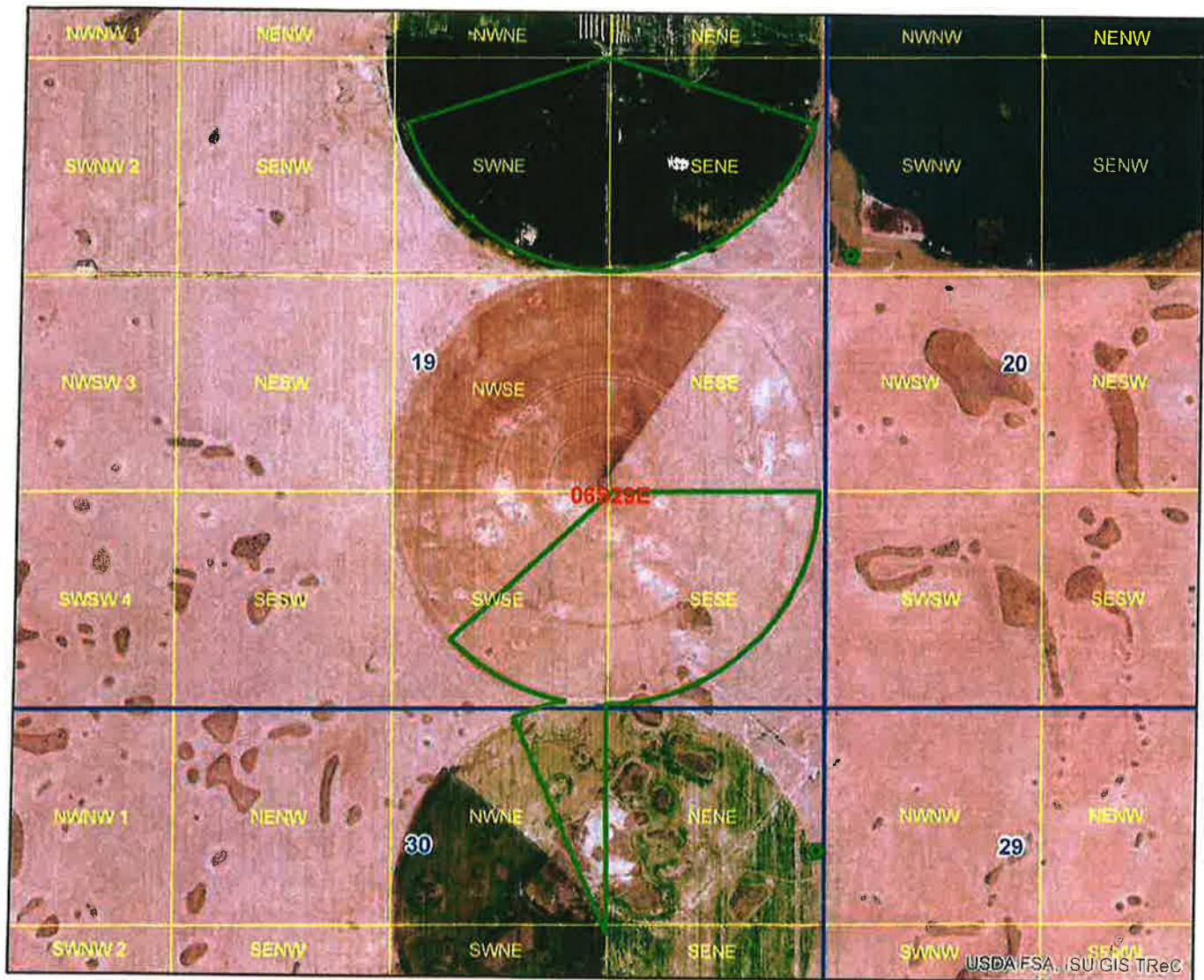
10. All water rights within Basin 35 are from connected sources of water in the Snake River Basin and shall be administered conjunctively.
11. This rental does not authorize the construction of a well.
12. Prior to December 31 of each year, the Board may review this rental agreement to determine whether 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.
13. The right holder shall measure and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code.
14. 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. 120.
15. 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.

Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 316

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 1,000 Feet

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

NOV 02 2018

DEPARTMENT OF
WATER RESOURCES

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

Applicant Name: Lance Funk

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)

35-2391

35-7777

1220

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Lance Funk

Mailing Address PO BOX 310 AMERICAN FALLS, ID 83211

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 Greg Sullivan

Professional Title Engineer

Organization Brockway Engineering

Relationship to Applicant Consultant

Mailing Address 2016 N Washington St Ste 4 Twin Falls, Idaho 83301

Email Address greg.sullivan@brockwayeng.com

Phone Number 208-736-8543

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. Make sure the 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**:

The proposed rented water will be used for irrigation purposes.

- 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)
1.85 CFS	428 AF	1.85 CFS	428 AF	107.0 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	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):
Existing wells, mainlines and irrigation systems.

- 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
06S29E 20 SWNW	Ground Water	35-7632A, 35-14442, 35-14443, 35-1811 et al
06S29E 30 NENE	Ground Water	35-7632A, 35-14442, 35-14443

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 107.0 (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:
No other water rights at the proposed irrigation POU.

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)
35-2391	Irrigation	3.44	688	172.0		0.22	44.8	11.2
35-7777	Irrigation	1.77	416	104.0		1.63	383.2	95.8
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	1.85	428.0	107.0
						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:
Additional water has been pursued but not yet obtained for permanent water requirements.

- 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

None

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

Greg Sullivan
Limited Power of Attorney

Printed Name of Applicant

10-31-18
Date

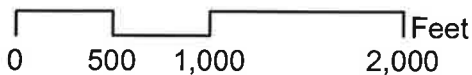
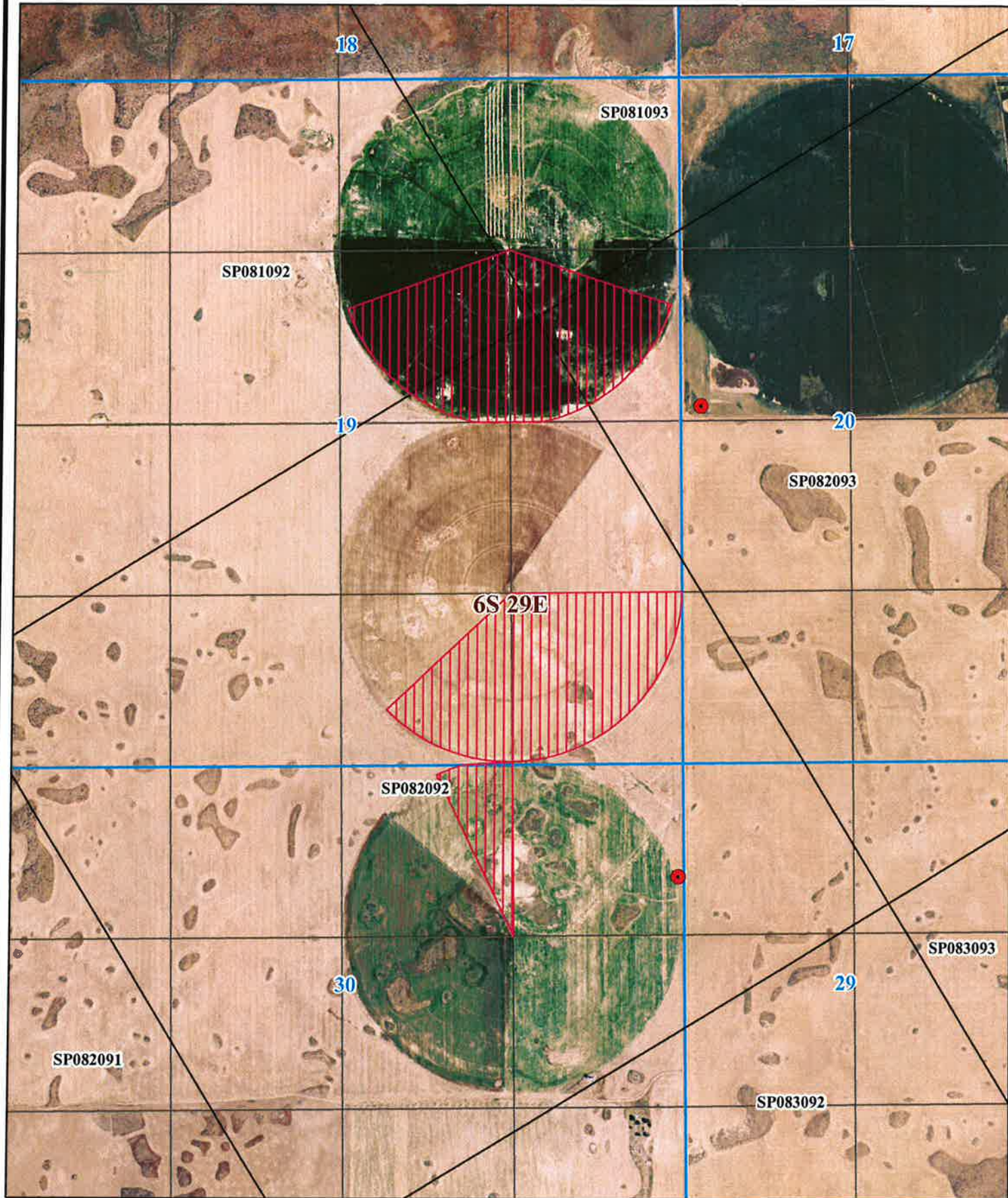
Signature of Representative

Printed Name of Representative

Date

Mail to:

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



LANCE FUNK WSB RENTALS
WINTERS ROAD

2017 NAIP AERIAL

Legend

 WSB Rental 18-20



LIMITED POWER OF ATTORNEY

KNOWN ALL MEN BY THESE PRESENT:

I, Lance Funk and/or Lisa Funk, hereby nominate and appoint Greg Sullivan of Brockway Engineering as my attorney-in-fact with full authority to act for and on my behalf to undertake any and all acts or matters pertaining to Idaho Water Supply Bank applications and water right transfers before the Idaho Department of Water Resources for the following water right transactions:

All water rights, applications and transactions pertaining to water rights in which I own, applied for or have a security interest in Water Basin 35 of the State of Idaho.

in Power, Bingham County, Idaho. Additionally, I hereby ratify and confirm any and all such acts on matters as contemplated herein.

My agent is hereby authorized to sign, seal and deliver, as my act in deed, those said instruments of writing that may be necessary or proper to carry into execution and effect the applications, and transfers above-mentioned. Further, I hereby declare that each and every application, transfer, agreement, receipt, or payment which shall be by my said agent given, made or done for the aforesaid purposes shall be as good, valid, and effectual as if they had been signed, sealed, and delivered by me in my own proper person; and I hereby undertake at all times to ratify whatsoever my said agent shall lawfully do or cause to be done in or concerning the said premises by virtue of these present. This Limited Power of Attorney will become void upon my written request submitted to the Idaho Department of Water Resources.

Dated this 21ST day of FEBRUARY 2013.

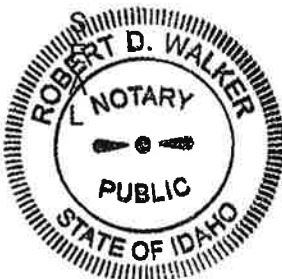
 Signature

Signature

State of Idaho)
County of POWER) ss.

On this 21ST Day of FEBRUARY, 2013, before me, a Notary Public in and for said County and State, personally appeared LANLE FUNK, known or identified to me to be the individual whose name and subscription to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



Notary Public
In and for said State and County

11-7-2017
My Commission Expires

Mitigation Analysis Period

Trimester 1 2 Trimester)
Annual (AF/T):

Total Reach Depletion Impacts

AF/T:	0.0	0.0	0.0	0.00	0.3	1.1	1.32	0.6	0.4	0.3	0.0
-------	-----	-----	-----	------	-----	-----	------	-----	-----	-----	-----

One-Way Analysis of Independent Transfers

Transfer 1 : 107.0 Acre Rental

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

100.0%	Pre-SS	428.0 AFA	107.0 Acres
100.0%	Post-SS	428.0 AFA	107.0 Acres

Impact by Reach (AF/Trimester)

	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft
Pre-SS	2.48	7.42	22.72	69.47	0.40	1.28	1.46	0.65	0.41	0.37	0.02
Post-SS	2.48	7.42	22.72	69.47	0.40	1.28	1.46	0.65	0.41	0.37	0.02
Pre-TS	2.48	7.42	22.72	69.47	0.40	1.28	1.46	0.65	0.41	0.37	0.02
Post-TS	2.48	7.42	22.72	69.47	0.67	2.38	2.78	1.23	0.77	0.68	0.04

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	0%	0%	0%	0%	0.0%	0.0%	0.0%	0.0%	0%	0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0
	Mitigation Check 3 - >10% of Total:	2.3%	7.0%	21.3%	65.1%	0.4%	1.2%	0.6%	0.4%	0.4%	0.0%
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Transient State Analysis	Mitigation Check 1 - >10% of Historical:	-0.1%	0.0%	0.0%	0.0%	64.5%	85.5%	90.5%	89.3%	88.1%	81.8%
	Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.26	1.10	1.32	0.58	0.4	0.3
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.00	0.00	0.00	0.00	0.00	0.26	1.10	1.32	0.58	0.31

Read file

Transfer 2 :

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

0.0%	Pre-SS	0.0 AFA	0.0 Acres
0.0%	Post-SS	0.0 AFA	0.0 Acres

Impact by Reach (AF/Trimester)

	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft
Pre-SS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Post-SS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pre-TS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Post-TS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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/T:	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0
	Mitigation Check 3 - >10% of Total:	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. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Evaluation of overall mitigation requirements per reach Steady State and Transient State, and Off-Setting Benefits (Sum of reach debits only where mitigation is required and credits)

Carry out one way analysis. If reach depletions go up, it is a debit, if they go down, it is a credit. Sum all debits, only where mitigation is required (dark yellow), and all credits (light yellow). Mitigation is required for the full amount of the summed values if greater than zero.

Steady state analysis represents permanent mitigation requirements at future steady state (or last timestep from the ESPAM Transfer Tool model run).

Transient state analysis represents mitigation requirements for the worst or maximum time step in the model run.

Evaluation of transient state mitigation requirement is not comprehensive across all time steps. Instead this evaluation finds the maximum stream depletion following the start of the transfer and looks at depletion amounts from that time step. In many instances this depletion is greater than the depletion associated with the steady state condition or final time step. This evaluation is merely an indicator of whether transient depletions must be considered, not an indicator of all transient impacts.

Steady State Summary of Modified Stream Depletions Following Transfer(s)										
Impact by Reach (AF/Trimester)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad to Bancroft
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Summary of Modified Stream Depletions Following Transfer(s)										
Impact by Reach (AF/Trimester)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad to Bancroft
1	0.0	0.0	0.0	0.0	0.3	1.1	1.3	0.6	0.4	0.3
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Set Aside 1 (Non-Use/Deslccation):

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
--------	-----------------	-----------------	-------------------	---------------	--------------	-------------------------	------------

Non-Use: Proposed Steady State Impacts following Change

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

Impact by Reach (AF/Trimester)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad to Bancroft

Pre-SS
Post-SS

Pre-TS
Post-TS

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

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

Steady State Summary of Modified Stream Depletions Following Transfer(s)										
Impact by Reach (AF/Trimester)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad to Bancroft
Total 1-Way Transfer Depletions:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Summary of Modified Stream Depletions Following Transfer(s)										
Impact by Reach (AF/Trimester)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad to Bancroft
Total 1-Way Transfer Depletions:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	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 DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

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

YEAR

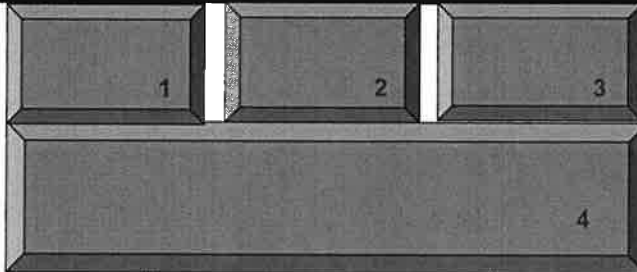
1950

TRANSFER NO:

SEASON

SPRING

TRANSFER NAME:



ENTER CELL LOCATIONS:

	TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	82	71	71	
COLUMN	92	130	130	

11.2	33.6
95.8	287.4

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 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1955	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1955	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1955	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1956	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1956	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1956	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1957	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1957	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1957	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1958	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1958	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1958	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1959	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1959	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1959	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1960	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1960	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1960	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1961	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1961	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1961	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1962	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1962	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1962	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1963	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1963	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1963	0.0	11.2	11.2	0.0	0.0	0.0	0.0

SPR 1964	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1964	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1964	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1965	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1965	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1965	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1966	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1966	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1966	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1967	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1967	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1967	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1968	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1968	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1968	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1969	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1969	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1969	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1970	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1970	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1970	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1971	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1971	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1971	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1972	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1972	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1972	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1973	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1973	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1973	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1974	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1974	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1974	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1975	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1975	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1975	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1976	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1976	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1976	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1977	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SUM 1977	0.0	11.2	11.2	0.0	0.0	0.0	0.0
WIN 1977	0.0	11.2	11.2	0.0	0.0	0.0	0.0
SPR 1978	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1978	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1978	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1979	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1979	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1979	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1980	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1980	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1980	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1981	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1981	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1981	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1982	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1982	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1982	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1983	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1983	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1983	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1984	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1984	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1984	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1985	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1985	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1985	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1986	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1986	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1986	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1987	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1987	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1987	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 1988	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 1988	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 1988	0.0	11.2	11.2	95.8	95.8	0.0	0.0

[illegible]

SPR 2014	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2014	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2014	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2015	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2015	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2015	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2016	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2016	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2016	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2017	0.0	0.0	11.2	0.0	95.8	0.0	0.0
SUM 2017	0.0	0.0	11.2	0.0	95.8	0.0	0.0
WIN 2017	0.0	0.0	11.2	0.0	95.8	0.0	0.0
SPR 2018	0.0	0.0	11.2	0.0	95.8	0.0	0.0
SUM 2018	0.0	0.0	11.2	0.0	95.8	0.0	0.0
WIN 2018	0.0	0.0	11.2	0.0	95.8	0.0	0.0
SPR 2019	107.0	0.0	11.2	0.0	95.8	0.0	0.0
SUM 2019	107.0	0.0	11.2	0.0	95.8	0.0	0.0
WIN 2019	107.0	0.0	11.2	0.0	95.8	0.0	0.0
SPR 2020	107.0	0.0	11.2	0.0	95.8	0.0	0.0
SUM 2020	107.0	0.0	11.2	0.0	95.8	0.0	0.0
WIN 2020	107.0	0.0	11.2	0.0	95.8	0.0	0.0
SPR 2021	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2021	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2021	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2022	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2022	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2022	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2023	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2023	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2023	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2024	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2024	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2024	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2025	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2025	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2025	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2026	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2026	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2026	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2027	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2027	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2027	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2028	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2028	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2028	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2029	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2029	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2029	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2030	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2030	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2030	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2031	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2031	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2031	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2032	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2032	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2032	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2033	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2033	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2033	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2034	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2034	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2034	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2035	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2035	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2035	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2036	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2036	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2036	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2037	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2037	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2037	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2038	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2038	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2038	0.0	11.2	11.2	95.8	95.8	0.0	0.0

[illegible]

[illegible]

SPR 2089	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2089	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2089	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2090	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2090	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2090	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2091	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2091	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2091	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2092	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2092	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2092	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2093	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2093	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2093	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2094	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2094	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2094	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2095	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2095	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2095	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2096	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2096	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2096	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2097	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2097	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2097	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2098	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2098	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2098	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SPR 2099	0.0	11.2	11.2	95.8	95.8	0.0	0.0
SUM 2099	0.0	11.2	11.2	95.8	95.8	0.0	0.0
WIN 2099	0.0	11.2	11.2	95.8	95.8	0.0	0.0



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

May 24, 2019

LANCE FUNK
PO BOX 310
AMERICAN FALLS ID 83211-0310

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-2391, 35-7246M, 35-7777, and 35-13609, AGREEMENT 316**

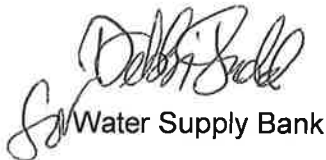
Dear Renter:

Please find enclosed a receipt in the amount of **\$1,173.60** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 586.8 acre-feet of water for irrigation of 106.8 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, the rental fee will be retained by the Department to offset administrative costs since you have a private agreement with the lessor of the rights.

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

Sincerely,



Debbie Sells
Water Supply Bank

Enclosures: Receipt No. C106877
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office
Blake Jordan – State Water District No. 120
Greg Sullivan – Brockway Engineering



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

May 20, 2019

LANCE FUNK
PO BOX 310
AMERICAN FALLS ID 83211-0310

RE: **APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-2391, 35-7246M, 35-7777, and 35-13609, AGREEMENT 316**

*****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 **\$11,736.00** was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 586.8 acre-feet. Since you have a private agreement with the lessor, **you are only obligated to pay the 10% administrative fee or \$1,173.60.** An annual payment shall be received by the Department prior to the execution of this agreement and prior to January 1 in all subsequent years for the duration of the rental period. The agreement will be void if payment is not received prior to the due date in a given year. If you would like to terminate the agreement prior to the end of the rental period, you must submit written notice of your intent to the Department at least 30 days prior to the rental fee due date.

Please send a check for \$1,173.60 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing.

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

Sincerely,


881 Water Supply Bank

Enclosure

c: IDWR Front Desk
Greg Sullivan – Brockway Engineering

Buyer, Remington

From: Buyer, Remington
Sent: Tuesday, April 9, 2019 1:20 PM
To: Jordan, Blake
Cc: Webster, Clay
Subject: WSB Rental Application 1220 for Lance Funk
Attachments: Draft Rental Agreement.docx; Rental_Map.pdf; Review Memo.docx

Blake,

Lance Funk has submitted a rental application (#1220) to authorize irrigation of parts of three center pivots on lands he owns in Power County. The pivots are also partially covered by water rights owned by Lance Funk, as well as rental agreements 154, 222 and 295. Attached are my rental review memo, map and draft rental agreement. On behalf of Water District 120 and IDWR Eastern Region, please advise if you have any questions, comments or concerns about this rental.

Thanks,

Remington

Memorandum

To: Water Rights 35-2391, 35-7777, 35-7264M and 35-13609

From: Remington Buyer

Date: April 8, 2019

Re: Water Supply Bank Rental Application 1220 for Agreement 316

Purpose/Narrative: Application received November 2, 2018 from Lance Funk, through Greg Sullivan of Brockway Engineering. This rental will supplement water rights 35-7632A, 35-14442 and 35-14443, along with active rental agreements 154, 222 and 295, to authorize irrigation of up to approximately 360 acres, situated across three center pivot fields (titled North Field, Middle Field and South Field). Per information confirmed with Greg Sullivan, the three fields are to be irrigated in 2019 between 120-125 acres, as follows:

Water Right / WSB Agreement	Location	Diversion Rate	Diversion Volume	Irrigable Acres	Rate/Acre	Vol/Acre
Agreement 222	North Field	1.54 cfs	296.0 af	74.0 acres	0.021 cfs/ac	4.00 af/ac
Currently Authorized		1.54 cfs	296.0 af	74.0 acres	0.021 cfs/ac	4.00 af/ac
Rental Requirement		1.06 cfs	202.8 af	50.7 acres	0.021 cfs/ac	4.00 af/ac
Sum Total		2.60 cfs	498.8 af	124.7 acres	0.021 cfs/ac	4.00 af/ac
Agreement 154	Middle Field	1.49 cfs	309.6 af	77.4 acres	0.019 cfs/ac	4.00 af/ac
Currently Authorized		1.49 cfs	309.6 af	77.4 acres	0.019 cfs/ac	4.00 af/ac
Rental Requirement		0.90 cfs	187.2 af	46.8 acres	0.019 cfs/ac	4.00 af/ac
Sum Total		2.39 cfs	496.8 af	124.2 acres	0.019 cfs/ac	4.00 af/ac
35-7632A	South Field	0.02 cfs	8.0 af	2.0 acres	0.010 cfs/ac	4.00 af/ac
35-14442		0.39 cfs	156.0 af	39.0 acres	0.010 cfs/ac	4.00 af/ac
35-14443		0.11 cfs	36.0 af	9.0 acres	0.012 cfs/ac	4.00 af/ac
WR Combined Limit		0.52 cfs	200.0 af	50.0 acres	0.010 cfs/ac	4.00 af/ac
Agreement 295		0.70 cfs	248.0 af	62.0 acres	0.011 cfs/ac	4.00 af/ac
Currently Authorized		1.16 cfs	448.0 af	112.0 acres	0.010 cfs/ac	4.00 af/ac
Rental Requirement		0.10 cfs	37.2 af	9.3 acres	0.010 cfs/ac	4.00 af/ac
Sum Total		1.26 cfs	485.2 af	121.3 acres	0.010 cfs/ac	4.00 af/ac
Currently Authorized	All Fields	4.20 cfs	1,053.6 af	263.4 acres	0.016 cfs/ac	4.00 af/ac
Rental Application 1220	All fields	2.06 cfs	427.2 af	106.8 acres	0.019 cfs/ac	4.00 af/ac
Max Potential Irrigation	All fields	6.26 cfs	1,480.0 af	370.2 acres	0.017 cfs/ac	4.00 af/ac

Note: the applicant requested irrigation of 107 acres, however only 72.7 was available for rental from water rights 35-2391 and 35-7777. As such, the applicant secured a lease to the Bank of water rights 35-7264M and 35-13609 for 2019, to provide sufficient coverage for the 2019 rental.

Authority to File: Application has been signed and submitted by Mr. Sullivan, on Mr. Funk's behalf. A limited power of attorney document authorizing Mr. Sullivan to submit the application was included. No concerns about Mr. Sullivan's authority to file. The lands to be irrigated under this rental, along with one of two wells from which water will be diverted, are owned by Lance Funk. A second well is located on land owned by Monty Funk, however through review for rental agreement 295, IDWR obtained a copy of a 2016 agreement between Lance and Monty, authorizing Lance to access the well on land owned by Monty. No concerns about Lance's authority to file for a rental using a well located on lands not owned by him.

Water Right Validity/Forfeiture Evaluation: This rental proposes to irrigate lands that are partially covered by water rights 35-7632A, 35-14442 and 35-14443, as well as lands that do not presently feature licensed or decreed water rights. A review of 2018 Sentinel satellite imagery (see attachment 1 to this memo) confirms irrigation of the all three center pivots, including the place of use authorized to irrigated under water rights 35-7632A, 14442 and 14443. No concerns about the validity of the water rights being supplemented.

Injury Evaluation: ESPA ground water modeling indicates no injury is apparent through this rental.

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: 123
YEAR: 1950
SEASON: SPRING
TRANSFER NAME: test

UPDATE DATES

RUN MODEL

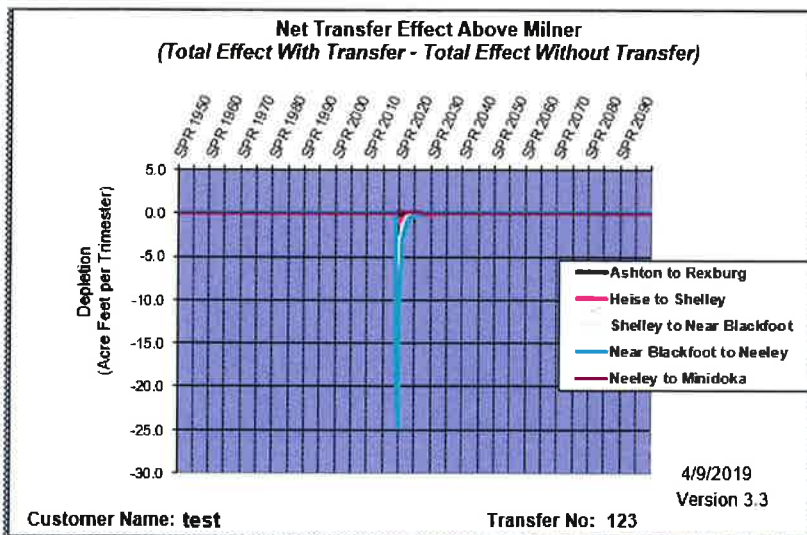
GET OUTPUT

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	TO CELL	FROM1 CELL	FROM2 CELL	FROM3 CELL
ROW	82	70	70	78
COLUMN	92	130	130	111

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	0	0	0	0	0	0
WIN 1954	0	11	11	0	0	0	0
SUM 1972	0	11	11	0	0	74	74
WIN 1972	0	11	11	0	0	74	74
WIN 1977	0	11	11	62	62	74	74
SPR 1978	0	11	11	62	62	74	74
WIN 2018	0	11	11	62	62	74	74
SPR 2019	107	0	11	0	62	0	74
SUM 2019	107	0	11	0	62	0	74
WIN 2019	107	0	11	0	62	0	74
SPR 2020	0	11	11	62	62	74	74



Enlargement of Use: The various water rights and rental agreements associated with the different places of use for this rental feature different diversion rates per acre (see the table on previous page). The water rights and rental agreements on the South Field authorize per-acre diversion rates of 0.01 cfs/ac, while the rental agreement on the Middle Field authorizes 0.019 cfs/ac, and the rental agreement on the North Field authorizes irrigation at 0.02 cfs/ac. As such, this rental is being applied to three different fields, which feature three different per-acre diversion rates.

Typically, to avoid an enlargement in water use, rentals are adjusted to match the rate/acre and/or volume/acre amounts of any already-situated water rights. However, this rental is requested across lands that feature three different per-acre diversion rates. A review of Sentinel satellite imagery from 2018 suggests the North Field may be irrigated separately from the Middle and South Fields; it appears that the South and Middle Fields are irrigated at the same time. There are two different points of diversion associated with this rental. It is assumed that the southern well (in Section 30) will be used to irrigate the South and Middle fields, while the northern well (in Section 20) will be used to irrigate the Northern Field.

It was initially unclear whether the per-acre diversion rates on the South Field and the Middle Field could be managed and controlled separately. However, the applicant's representative confirmed that each field could be managed with its own unique per-acre diversion rate. To avoid enlargement in water use, the following will be the rented authorizations for 2019:

Location	Authorization	Diversion Rate	Diversion Volume	Irrigable Acres	Rate/Acre	Vol/Acre
North Field	Rental Agreement 222	1.54 cfs	296.0 af	74.0 acres	0.021 cfs/ac	4.00 af/ac
	Application 1220 – WR 35-2391	0.22 cfs	42.0 af	10.5 acres	0.021 cfs/ac	4.00 af/ac
	Application 1220 – WR 35-7777	0.84 cfs	160.8 af	40.2 acres	0.021 cfs/ac	4.00 af/ac
	Application 1220 – Total	1.06 cfs	202.8 af	50.7 acres	0.021 cfs/ac	4.00 af/ac
	Field Sum Total	2.60 cfs	498.8 af	124.7 acres	0.021 cfs/ac	4.00 af/ac
Middle Field	Rental Agreement 154	1.49 cfs	309.6 af	77.4 acres	0.019 cfs/ac	4.00 af/ac
	Application 1220 – WR 35-7777	0.21 cfs	43.6 af	10.9 acres	0.019 cfs/ac	4.00 af/ac
	App #1220 – WRs 35-7246M/13609	0.69 cfs	143.6 af	35.9 acres	0.019 cfs/ac	4.00 af/ac
	Application 1220 - Total	0.90 cfs	187.2 af	46.8 acres	0.019 cfs/ac	4.00 af/ac
	Field Sum Total	2.39 cfs	496.8 af	124.2 acres	0.019 cfs/ac	4.00 af/ac
South Field	Water Rights	0.52 cfs	200 af	50.0 acres	0.010 cfs/ac	4.00 af/ac
	Rental Agreement 295	0.70 cfs	248.0 af	62.0 acres	0.011 cfs/ac	4.00 af/ac
	App #1220 – WRs 35-7246M/13609	0.01 cfs	37.2 af	9.3 acres	0.010 cfs/ac	4.00 af/ac
	Field Sum Total	1.26 cfs	485.2 af	121.3 acres	0.010 cfs/ac	4.00 af/ac

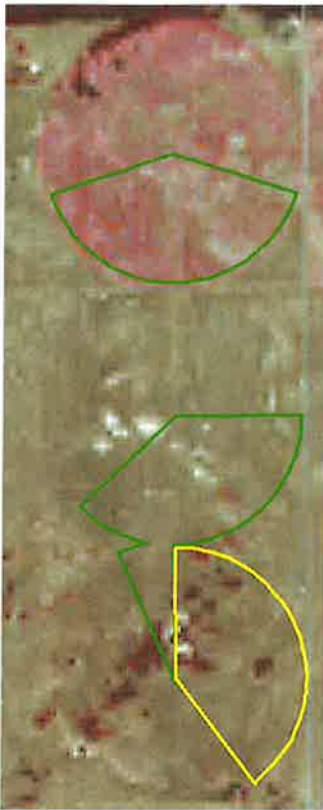
Local Public Interest: Staff are not aware of any specific local public interest concerns regarding this rental. WMIS data for one of two wells indicates 857.5 af was diverted during 2018, which is more than the 200 af authorized under water rights 35-7632A, 14442 and 14443, however it is almost exactly the diversion volume authorized under rental agreements 154, 222 and 295, and therefore does not seem illogical.

Beneficial Use/Conservation of Water Resources: Irrigation is a beneficial use of water.

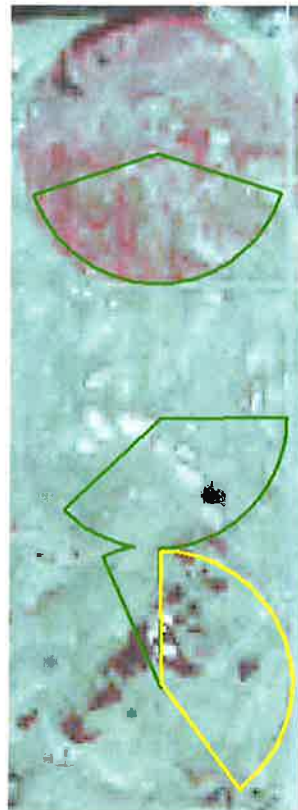
Department/Watermaster Comments: Watermaster comments will be sought from IDWR Eastern Region.

Water Supply Bank Evaluation: Subject to favorable regional/watermaster comments, this rental may be approved.

Attachment 1 – Sentinel Satellite Imagery
Observed vegetation in the rental place of use, March through November 2018
(green polygon = rental application 1220 place of use; yellow polygon = water right place of use)



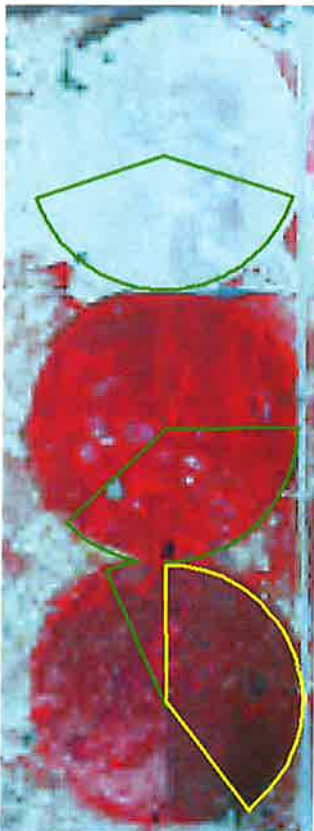
April 21, 2018



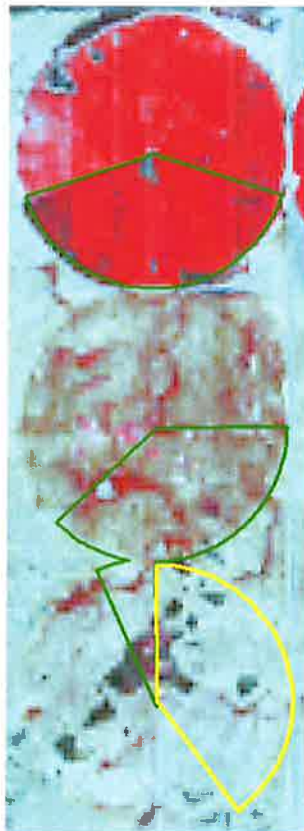
May 6, 2018



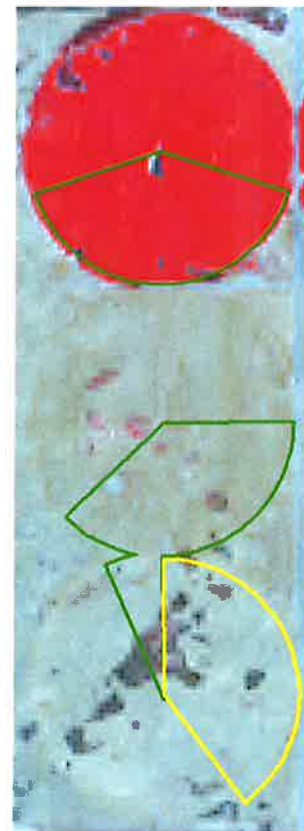
May 26, 2018



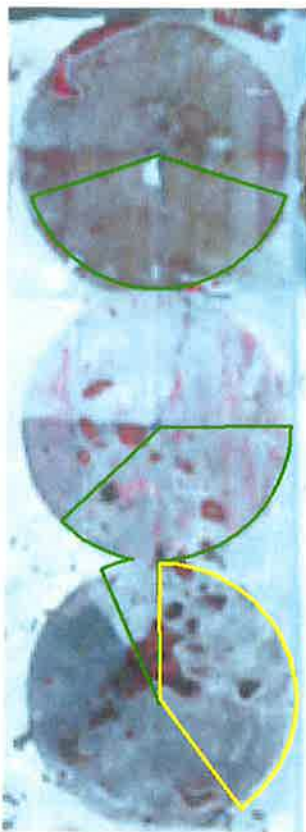
June 26, 2018



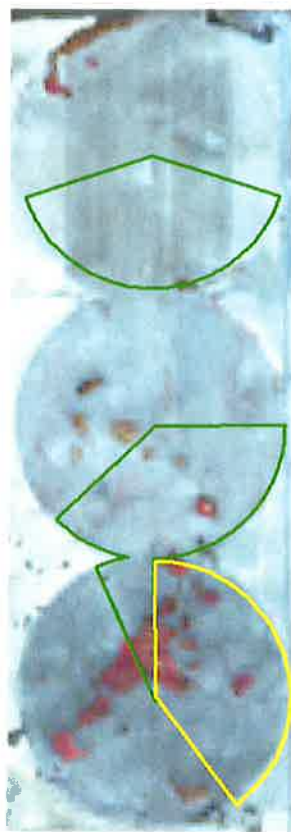
July 15, 2018



August 14, 2018



September 8, 2018



October 10, 2018



November 12, 2018

Buyer, Remington

From: Greg Sullivan <greg.sullivan@brockwayeng.com>
Sent: Monday, April 1, 2019 2:12 PM
To: Buyer, Remington
Subject: RE: Funk Rental
Attachments: Lease Cover letter.pdf; Lease Attachements.pdf; Lease 35-7246M.pdf; Lease 35-13609.pdf

Remington,

See the attached documents.

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

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

From: Buyer, Remington [mailto:Remington.Buyer@idwr.idaho.gov]
Sent: Monday, April 01, 2019 12:10 PM
To: Greg Sullivan <greg.sullivan@brockwayeng.com>
Subject: RE: Funk Rental

Greg,

Thanks for confirming the details below. Yes, please do scan and email me copies as you mail them to our office. I'll get started on our end and match up the paperwork to the files when it's received here in office at IDWR.

Thanks,

Remington

From: Greg Sullivan [mailto:greg.sullivan@brockwayeng.com]
Sent: Monday, April 1, 2019 8:36 AM
To: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>
Subject: RE: Funk Rental

Remington,

I have the signed lease contract for 35-7246M and 35-13609 with a total allowed 132.0 acres. You can rent as much water from these two water rights as you need to satisfy the cfs/acre amounts. I will be mailing this lease applications, ESPA Model analysis, contract agreement and supporting documents to you today.

Do you want me to scan them and email them to you before I mail them?

We are going to need to change the rental period from 2019-2020 to only 2019. The water right owner of 35-7246M and 35-13609 only wanted to lease them into the Water Bank for 2019.

Yes, the pivots can be operated independently of each other.

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

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

From: Buyer, Remington [<mailto:Remington.Buyer@idwr.idaho.gov>]
Sent: Friday, March 29, 2019 4:57 PM
To: Greg Sullivan <greg.sullivan@brockwayeng.com>
Subject: RE: Funk Rental

Greg,

Per your email from earlier today that included the shapefile, IDWR will consider that 106.8 acres is required for rental application 1220, to match prior approved rental agreements, and already existing water rights, as follows:

		Rate	Vol	Acres	Rate/Ac	Vol/AC
Top Field	Rental 222	1.54	296	74	0.021	4.0
	App 1220	1.06	202.80	50.7	0.021	4.0
	sum	2.60	498.8	124.7	0.021	4.0
Middle Field	Rental 154	1.49	309.6	77.4	0.019	4.0
	App 1220	0.90	187.2	46.8	0.019	4.0
	sum	2.39	496.8	124.2	0.019	4.0
Bottom Field	WRs	0.52	200	50	0.010	4.0
	Rental 295	0.7	248	62	0.011	4.0
	App 1220	0.10	37.2	9.3	0.010	4.0
	sum	1.32	485.2	121.3	0.011	4.0
Total	App 1220	2.05	427.2	106.8	0.019	4.0

However, the balance of water rights 35-2391 and 35-7777 remaining available for rental for 2019 is as follows:

		Rate	Vol	Acres	Rate/Ac	Vol/AC
Total	App 1220	2.05	427.2	106.8	0.019	4.0
Available	35-2391	0.22	44.8	11.2	0.020	4.0
	35-7777	1.05	246	61.5	0.017	4.0
	sum	1.27	290.8	72.7	0.017	4.0

I did not receive an answer from you to my second question, which was to confirm that the diversion rate for each center pivot could be operated independently. Presuming this is possible, we can presently approve a rental for the northern field and the southern field (and 2.9 acres in the middle field) as follows:

	Rate	Vol	Acres	Rate/Ac	Vol/AC
35-2391	0.22	42.3	10.6	0.021	4.00
35-7777	0.84	160.5	40.1	0.021	4.00
sum	1.06	202.80	50.7	0.021	4.00
35-2391	0.00	0.0	0.0	0.000	0.00
35-7777	0.06	11.7	2.9	0.019	4.00
sum	0.06	11.7	2.9	0.019	4.00
35-2391	0.00	0.0	0.0	0.000	0.00
35-7777	0.10	37.2	9.3	0.010	4.00
sum	0.10	37.2	9.3	0.010	4.00
35-2391	0.22	44.8	11.2	0.020	4.0
35-7777	1.05	246.0	61.5	0.017	4.0
sum	1.27	290.8	72.7	0.017	4.0
Difference	0.84	175.5	43.9	0.019	4.00

However, as you can see above, the center field is still deficient 0.84 cfs and 175.5 acre feet of water sufficient to irrigate 43.9 acres (at 0.019 cfs/ac and 4.0 afa/ac). Provided whichever water right you are proposing to lease to the Bank can provide a sufficient diversion rate and volume to enable authorized irrigation of the remaining 43.9 acres at the appropriate rate and volumes per acre, we should be able to conclude processing of this rental application.

If any of the above is incorrect, please confirm the correct per-acre diversion rates and volumes for the three fields.

Thanks, and have a good weekend,

Remington

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Friday, March 29, 2019 3:31 PM
To: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>
Subject: RE: Funk Rental

Remington,

I have the lease applications prepared and the ESPA Modeling done. I will meet with Ritchie this evening in American Falls to have him and his wife sign the applications. They should be in the mail by Monday. I will include METRIC and WMIS data for the water rights with the lease applications.

Greg Sullivan
 Brockway Engineering
 2016 North Washington Street, Suite 4
 Twin Falls, Idaho 83301

208-736-8543

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

From: Greg Sullivan [<mailto:greg.sullivan@brockwayeng.com>]
Sent: Friday, March 29, 2019 2:28 PM
To: 'Buyer, Remington' <Remington.Buyer@idwr.idaho.gov>
Subject: Funk Rental

Remington,

The attached scanned map shows the area we call the Winters Road pivots. The map identifies where:

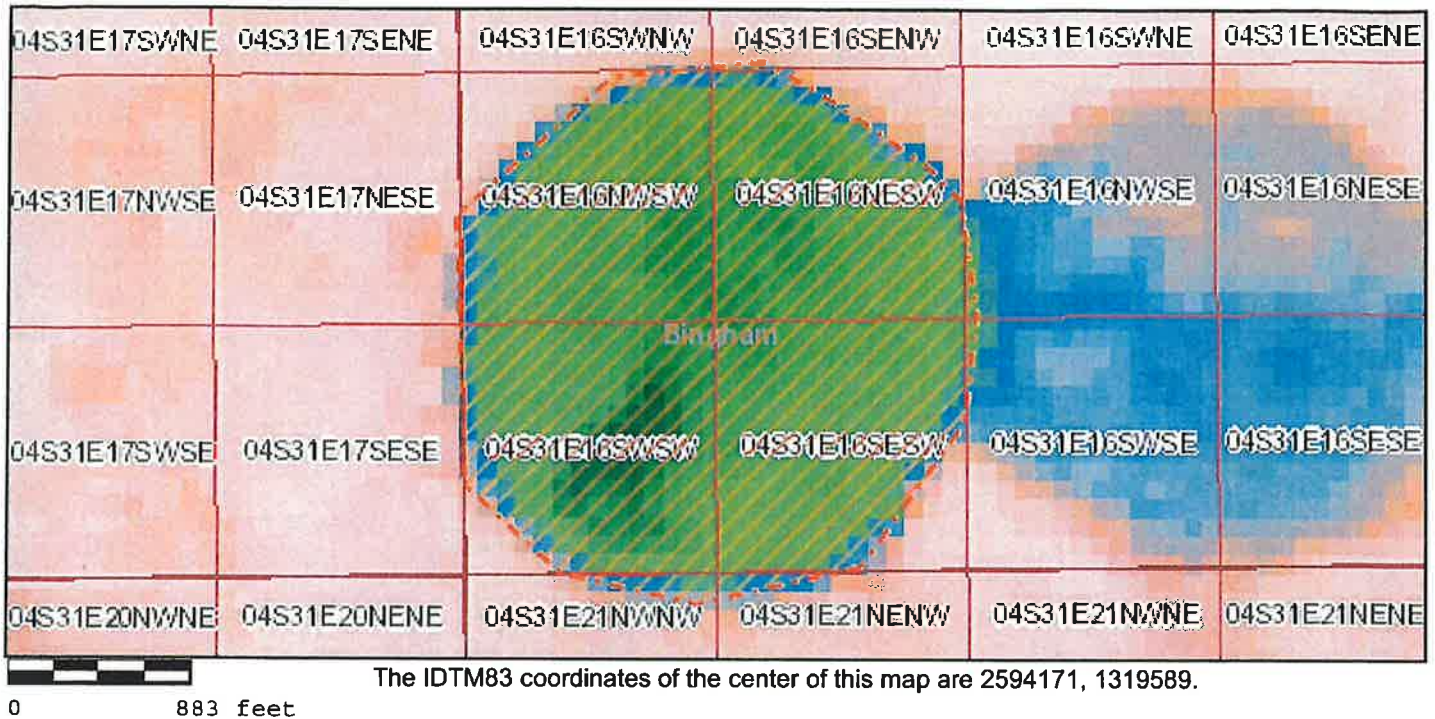
1. The 50.0 acres of permanent water is located.
2. Rental contract #154 for 77.4 acres is located.
3. Rental contract #222 for 74.0 acres is located.
4. Rental contract #295 for 62.0 acres is located.
5. The proposed rental for 107.0 acres will be located.

I have also attached the shape file for the 107.0 acre rental. The name of the files say 18-20 but they are for the 19-20 rental.

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

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

Evapotranspiration Statistics from the METRIC ET Model



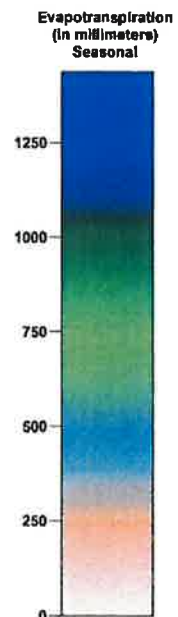
Evapotranspiration Statistics

Name: User Drawn Polygon

ET Dataset: p3940_20160401to20161031_et.img

Area: 142.9 acres

Statistics	ET	CIR
MEAN (mm)	747.7	539.7
AC-FT	350.55	253.03
AC-FT/Acre	2.45	1.77



These statistics were generated by the tools provided at <http://maps.idwr.idaho.gov/ET> using the METRIC (Mapping EvapoTranspiration at high Resolution with Internalized Calibration) model, developed by the University of Idaho.

Evapotranspiration (ET) from irrigated agriculture is synonymous with consumptive use. The consumptive irrigation requirement (CIR) is a measure of the irrigation water, exclusive of within-season effective rainfall, necessary to meet the consumptive use requirement of a crop. A detailed explanation of these data can be found here:

<http://idwr.idaho.gov/GIS/mapping-evapotranspiration/>

WMIS

Water Management Information System

Quick Search:

[For assistance, email WMIS Info](#)

Search Method:

[Login](#)

WMIS Number

WMIS Number

1001783

Search

[Point Of Diversion](#) [PCC](#) [Flow Meter](#) [Time Clock](#) [Alternate](#) [Contacts](#) [Data Summary](#) [Other](#) [Logout](#)

Data Summary

You are viewing 1001783; A0010144

Report Year	Alternate	FM	PCC	Time Clock
2018			0.00	
2017			0.00	
2016			440.55	
2015			371.70	
2014			398.23	
2013				

CONTRACT OF AGREEMENT

To Whom It May Concern,

Lance Funk and William Toevs and Joanne Toevs have in place a long term farm lease agreement or contract for property owned by William Toevs and Joanne Toevs. The contract includes the property, water rights and water distribution systems.

Lance Funk has paid the annual contract payment for 2019. No additional fees are required by William Toevs and Joanne Toevs of Lance Funk for the 2019 irrigation season from the Idaho Water Supply Bank for the rental of 35-13609 and 35-7264M.

Therefore, the rental payment of the 90% of the rental fee to the owner of water rights 35-13609 and 35-7264M for 2019 has been paid in full.

William Toevs

William R Toevs

Date: 03/29/19

Joanne Toevs

Joanne Toevs

Date: 03/29/2019

Lance Funk

Lance Funk

Date: 03/29/2019



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 27, 2019

LANCE FUNK
PO BOX 310
AMERICAN FALLS ID 83211-0310

RESPONSE DEADLINE:
April 30, 2019

RE: Action Required on WSB Rental Application 1220

Dear Applicant,

The Department of Water Resources (Department) has reviewed your Water Supply Bank rental application and the following items are required to continue processing your application:

- confirmation of the specific number of acres that will be irrigated on each of the three fields in Sections 19 and 30, of Township 06S, Range 29E; and
- confirmation as to whether water diversions can be controlled separately for each field.

Your rental application requested an authorization to irrigate 107 acres through rental of water rights 35-7777 and 35-2391. IDWR's review of the rental place of use indicates that approximately 360 acres may have been irrigated during 2018. Through your existing rental agreements (numbers: 154, 222 and 295), along with water rights 35-7632A, 14442 and 14443, it appears you can irrigate 263.4 acres, which would leave a balance of 96.6 acres to be covered under this rental, not the 107 acres requested. However, it is not possible to authorize a 2019 rental for irrigation of 107 nor 96.6 acres, as the maximum extent of irrigation possible in 2019 via rental of 35-7777 and 35-2391 is 72.7 acres.

As such, **please confirm the specific number of acres, per each of the three fields associated with this rental, that will be irrigated in 2019.** Also, in calculating the total acres to be irrigated during 2019, **please confirm the location of the 72.7 acres where rental application 1220 can be situated.**

Additionally, it has been observed that each of the three fields associated with rental application 1220 have different per-acre diversion rates. The most northern and central fields are authorized to be irrigated with rental agreements that enable diversion rates of 0.02 cfs/ac, however, the southern field is authorized to be irrigated with water rights and a rental agreement that authorize a maximum diversion rate of 0.01 cfs/ac. **Please confirm that the per-acre irrigation diversion rate on the southern field can be managed separately from the diversion rates on the other fields.**

Please provide us with answers to the above questions within 30 days (deadline of April 30, 2019), so that we can finalize processing of your application. If we do not hear from you prior the established deadline, your application may be returned to you.

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

Regards,

Remington Buyer
Water Supply Bank Coordinator

CC: Greg Sullivan, Brockway Engineering.



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED
NOV 02 2018
DEPARTMENT OF
WATER RESOURCES

October 31, 2018

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

Re: Water Rental of 35-2391 and 35-7777

Dear Mr. Buyer:

Lance Funk desires to rent 107.0 acres from water rights 35-2391 and 35-7777 for the 2019 and 2020 irrigation seasons.

The ESPA Model analysis was performed on this rental and no mitigation is required. Attached to this letter is the Data Entry and Analysis pages for the ESPA Model analysis tool.

Sincerely,

Greg Sullivan, M.S., Engineer

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
PH.D., P.E.

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

FAX: 736•8506

Cc: Lance Funk

Enc: Aerial Map of Rental POU, ESPA Model Analysis, Limited Power of Attorney