STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 390

This is to certify that:
LANCE D FUNK
PO BOX 310
AMERICAN FALLS, ID 83211

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)
35-14308	5/1/1973	GROUND WATER	1.020	253.20	63.30	0.016	4.00
35-14040	10/16/1974	GROUND WATER	0.470	190.00	47.50	0.010	4.00
35-2391	12/20/1954	GROUND WATER	3.440	688.00	172.00	0.020	4.00
35-7777	1/24/1978	GROUND WATER	1.190	278.80	69.70	0.017	4.00
Combined Rental Totals			**6.120**	**1,410.00**	**352.50**	**0.017**	**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, 2020. 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 2020, whichever occurs last.

Annual Rental Fee:

2020: $10,797.60

The full fee for the rental of the above-described right(s) is $10,797.60 for 2020. The rental fee includes an administrative fee of $2820.00 for 2020.

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

Total Water Use Authorized Under Rental Agreement

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate/Acre (CFS/AC)	Volume/Acre (AF/AC)
IRRIGATION	4.960	1124.00	281.00	0.018	4.00
Combined Total	4.960	1124.00	281.00	0.018	4.00

**** The authorized water usage reflects a reduction from the water right elements rented, to account for mitigation and irrigation rates adjusted to match existing water rights rates on specific irrigated fields.***

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 390

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 — Date: 3-20-2020

Printed Name — Title: 3-20-2020

*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 4/30/2020
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Rental approved by IDWR _____ Date 4/30/2020

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 390

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

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

BENEFICIAL USE	DIVERSION RATE	VOLUME
IRRIGATION	4.96 CFS	1124 AF

SEASON OF USE

Water Right No.	From	To
35-7777	4/1	10/31
35-2391	4/1	10/31
35-14040	4/1	10/31
35-14308	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	26					31			4.6	31	31	31	31	210.6
06S	29E	30		33	28	9.4													70.4

Total Acres: 281

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.

WATER SUPPLY BANK RENTAL AGREEMENT No. 390

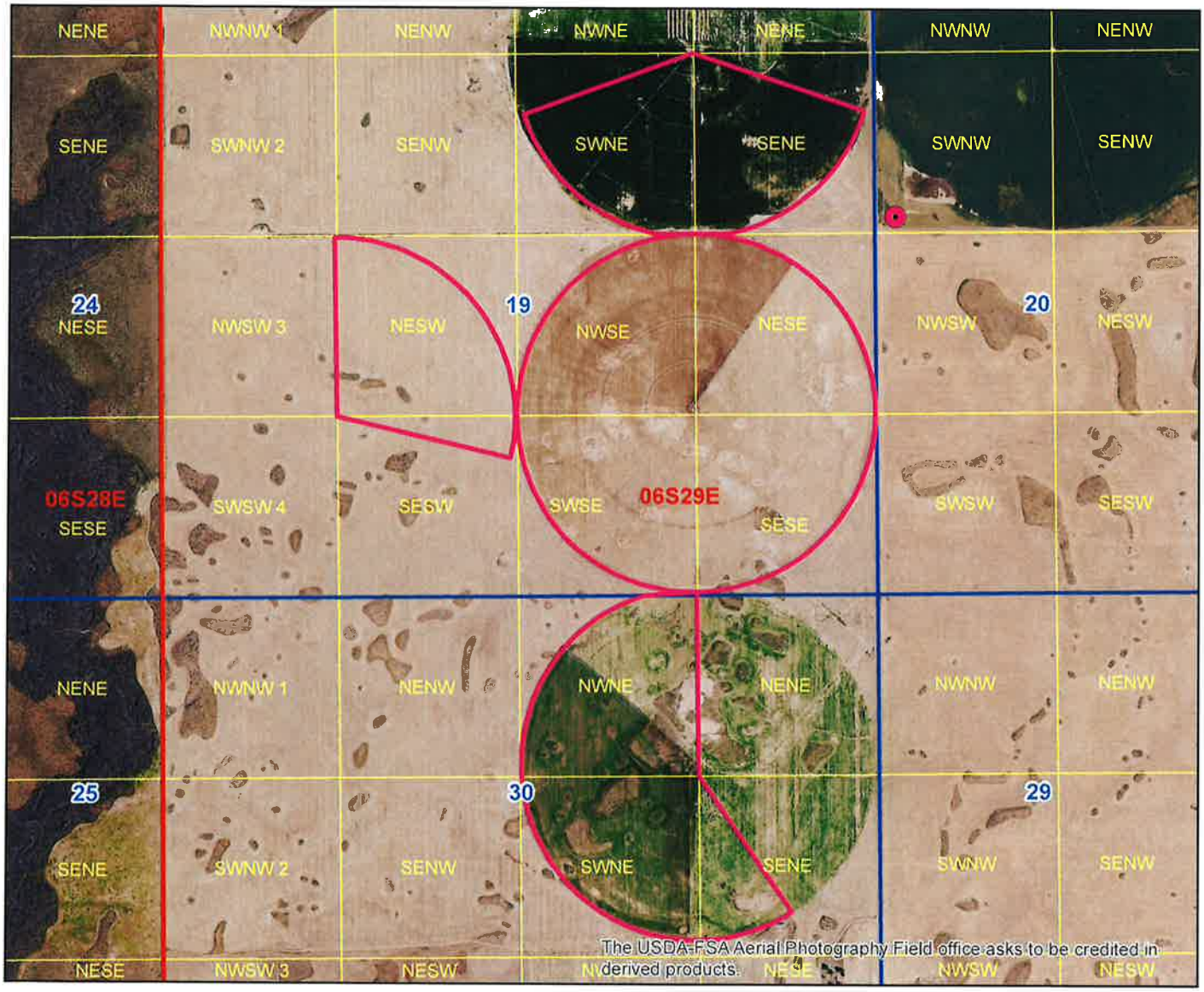
9. Rental agreement 390, when combined with all other rights and rental agreements within the portion of the place of use described in Sec. 30, T06S, R29E shall provide no more than 0.01 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the aforementioned portion of the place of use.
10. Rental agreement 390, when combined with all other rights and rental agreements within the portion of the place of use within the Sec. 19, T06S, R29E shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the aforementioned portion of the place of use.
11. Use of water under agreement 390 will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this agreement, this water rental is within State Water District No. 120.
12. Prior to the diversion and use of water under agreement 390, the agreement holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
13. Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as determined by the Snake River Basin Adjudication court in the final unified decree entered 08/26/2014.
14. This rental agreement does not grant any right-of-way or easement across the land of another.

Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 390.

Effective until December 31, 2020

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

N

0 1,000 2,000 Feet

Form 42-1761-2 10/15

STATE OF IDAHO
WATER RESOURCE BOARD

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

RECEIVED
NOV 27 2019
DEPARTMENT OF WATER RESOURCES

Applicant Name: Lance and/or Lisa 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)	
35-14308	35-2391
35-14040	35-7777

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Lance and/or Lisa Funk

Mailing Address PO Box 310 American Falls, Idaho 83211
Street City State Zip Code

Email Address _____ Phone Number 208-226-5551

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 North Washington Street, Suite 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**:

Existing well, mainline and delivery system.

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)
6.12 CFS	1180 AF	6.12 CFS	1180 AF	295.0 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?	
4/1/2020	7/1/2020	☑ 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 well, mainline and delivery system.

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

POD Description	Water Source	Other Water Rights Diverted from this POD
06S 29E Sec 20 SWNW	Ground Water	35-13813 et al

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 295.0 (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:
None.

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)
35-14308	Irrigation	1.02	253.2	63.3		1.02	253.2	63.3
35-14040	Irrigation	0.47	190	47.5		0.47	190	47.5
35-2391	Irrigation	3.44	688	172.0		3.44	688	172.0
35-7777	Irrigation	1.77	416.0	104.0		1.19	278.8	69.7
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**	6.12 CFS	1180 AF	295.0 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**:

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:
Previous attempts to secure permanent water has not been successful.

B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☐ No ☑
If yes, describe:

C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☑
If yes, describe the date and location of the NOV.

D. Additional Information
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	Printed Name of Applicant	Date
Signature of Representative	Printed Name of Representative	Date
	Greg Sullivan	11/25/2019

Mail to:

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

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 Resouces.

Dated this 21ST day of FEBRUARY 2013.

Signature

Signature

State of Idaho)
) ss.
County of POWER)

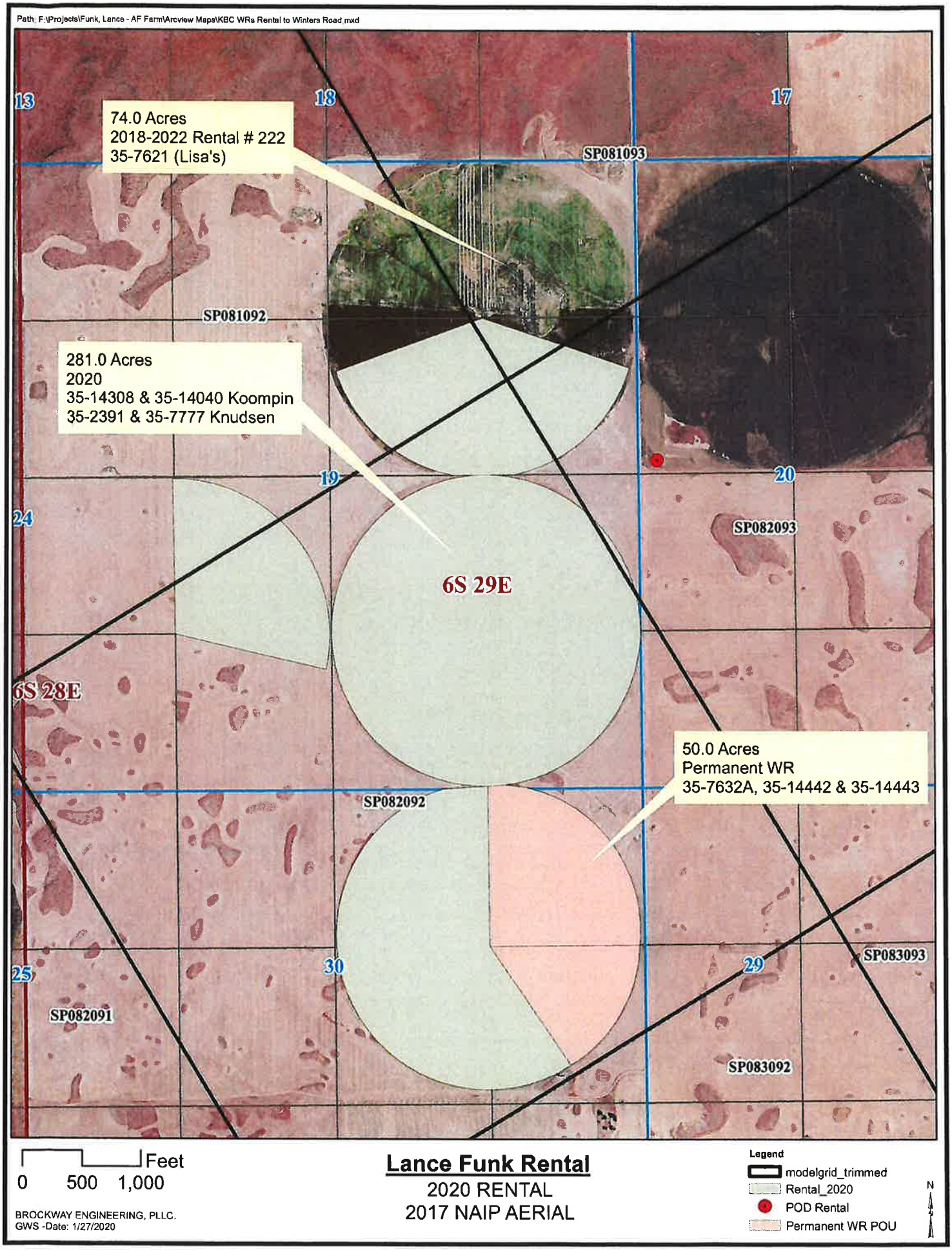
On this 21ST Day of FEBRUARY, 2013, before me, a Notary Public in and for said County and State, personally appeared LANCE FUNK, known or identified to me to be the individual whose name and subscription to the within instrument, and acknowledged to me that he executed the same.

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

ROBERT D. WALKER NOTARY PUBLIC STATE OF IDAHO

Notary Public
In and for said State and County

11-7-2017
My Commission Expires


Path: F:\Projects\Funk, Lance - AF Farm\Arcview Maps\KBC WRs Rental to Winters Road.mxd
13
18
17
74.0 Acres
2018-2022 Rental # 222
35-7621 (Lisa's)
SP081093
SP081092
281.0 Acres
2020
35-14308 & 35-14040 Koompin
35-2391 & 35-7777 Knudsen
19
20
24
SP082093
6S 29E
6S 28E
50.0 Acres
Permanent WR
35-7632A, 35-14442 & 35-14443
SP082092
25
30
29
SP083093
SP082091
SP083092
0 500 1,000 Feet
BROCKWAY ENGINEERING, PLLC.
GWS -Date: 1/27/2020
Lance Funk Rental
2020 RENTAL
2017 NAIP AERIAL
Legend
modelgrid_trimmed
Rental_2020
POD Rental
Permanent WR POU
N

Mitigation Analysis Period

Trimester: [ ]

Trimester Annual 1 2 Trimester) AF/T:

Total Reach Depletion Impacts

AF/T:	0.0	0.0	0.0	0.00	0.0	3.2	3.9	1.7	1.1	0.9	0.1

One-Way Analysis of Independent Transfers

Transfer 1 : 2020 Rental

100.0% Pre-SS
100.0% Post-SS

Impact by Reach (AF/Trimester)

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node	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
Transfer 1: Proposed Steady State Impacts following Transfer																		
								7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.50	2.21	2.02	0.13
								7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
Transfer: Worst Case Transient State Impacts following Transfer																		
								7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.50	2.21	2.02	0.13
								7.62	22.96	70.06	216.21	11.34	8.58	9.89	4.36	2.74	2.47	0.15

Steady State Analysis: Mitigation Check 1 - >10% of Historical:	0%	0%	0%	0%	0.0%	0.0%	0.0%	0.0%	0.0%	0%	0.00%
Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Mitigation Check 3 - >10% of Total:	2.2%	6.5%	20.0%	61.6%	3.2%	2.0%	2.2%	1.0%	0.6%	0.6%	0.0%
Mitigation Required?:	NO	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	0.00
Transient State Analysis: Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	23.2%	25.2%	24.5%	24.0%	22.2%	20.7%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	1.61	1.99	0.86	0.5	0.5	0.0
Mitigation Required?:	NO	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	1.61	1.99	0.86	0.53	0.45	0.03

Read Me

Transfer 2 :

100.0% Pre-SS
100.0% Post-SS

Impact by Reach (AF/Trimester)

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node	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
Transfer: Proposed Steady State Impacts following Transfer																		
								7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
								7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
Transfer 1: Worst Case Transient State Impacts following Transfer																		
								7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
								7.62	22.96	70.06	216.21	11.34	8.56	9.76	4.33	2.73	2.48	0.15

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%	0.0%
Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	2.2%	6.5%	20.0%	61.6%	3.2%	2.0%	2.2%	1.0%	0.6%	0.6%	0.0%
Mitigation Required?:	NO	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	0.0
Transient State Analysis: Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	22.8%	23.6%	23.6%	23.6%	22.8%	21.7%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.00	0.00	1.59	1.86	0.83	0.5	0.5	0.0
Mitigation Required?:	NO	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	1.59	1.86	0.83	0.5	0.5	0.0

Transfer 3 :

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

Impact by Reach (AF/Trimester)

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
Transfer: Proposed Steady State Impacts following Transfer																		
								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transfer: Worst Case Transient State Impacts following Transfer																		
								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
								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%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	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%	0.0%
Mitigation Required?:	NO	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	0.0
Transient State Analysis: Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	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	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0

Transfer 4 :

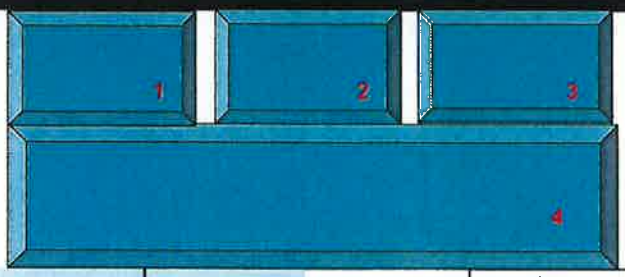
0.0% Pre-SS 0.000 AFA
0.0% Post-SS 0.000 AFA

0.0 Acres Mitigation 0

ENHANCED GROUND-WATER RIGHTS TRANSF

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE IDAHO DEPA

Cells this color are set up for user entries



ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON		TRANSFER NO:	
YEAR	1950	TRANSFER NAME:	
SEASON	SPRING		

ENTER CELL LOCATIONS:	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	82	94	70	66
COLUMN	93	91	130	128

63.3	189.9
241.7	725.1
47.5	142.5

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL 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	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0

SPR 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SUM 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
WIN 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SPR 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SUM 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
WIN 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SPR 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1977	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1977	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1977	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2020	281.0	0.0	63.3	0.0	241.7	0.0	47.5
SUM 2020	281.0	0.0	63.3	0.0	241.7	0.0	47.5
WIN 2020	281.0	0.0	63.3	0.0	241.7	0.0	47.5
SPR 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5

Mitigation Analysis Period

Trimester

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

Total Reach Depletion Impacts

AF/T:	0.0	0.0	0.0	0.00	0.0	1.7	2.0	0.9	0.6	0.5	0.0

One-Way Analysis of Independent Transfers

Transfer 1 : 2020 Rental

100.0% Pre-SS
100.0% Post-SS

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

Impact by Reach (AF/Trimester)

	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft
Transfer 1: Proposed Steady State Impacts following Transfer											
Pre-SS	7.58	22.84	69.68	214.83	12.34	7.24	8.20	3.64	2.30	2.10	0.13
Post-SS	7.58	22.84	69.68	214.83	12.34	7.24	8.20	3.64	2.30	2.10	0.13
Transfer: Worst Case Transient State Impacts following Transfer											
Pre-TS	7.58	22.84	69.68	214.83	12.34	7.24	8.20	3.64	2.30	2.10	0.13
Post-TS	7.58	22.84	69.68	214.83	12.34	8.94	10.19	4.53	2.85	2.59	0.16
Steady State Analysis: Mitigation Check 1 - >10% of Historical:	0%	0%	0%	0%	0.0%	0.0%	0.0%	0.0%	0.0%	0%	0.01%
Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Mitigation Check 3 - >10% of Total:	2.2%	6.5%	19.9%	61.2%	3.5%	2.1%	2.3%	1.0%	0.7%	0.6%	0.0%
Mitigation Required?:	NO	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	0.00
Transient State Analysis: Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	23.5%	24.3%	24.3%	24.3%	23.4%	22.3%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	1.70	1.99	0.89	0.6	0.5	0.0
Mitigation Required?:	NO	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	1.70	1.99	0.89	0.56	0.49	0.03

Read Me

Transfer 2 :

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

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

Impact by Reach (AF/Trimester)

	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft
Transfer: Proposed Steady State Impacts following Transfer											
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
Transfer 1: Worst Case Transient State Impacts following Transfer											
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%	0.0%
Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	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%	0.0%
Mitigation Required?:	NO	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	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%	0.0%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0

Transfer 3 :

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

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

Impact by Reach (AF/Trimester)

	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
Transfer: Proposed Steady State Impacts following Transfer											
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
Transfer: Worst Case Transient State Impacts following Transfer											
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%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	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%	0.0%
Mitigation Required?:	NO	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	0.0
Transient State Analysis: Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	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	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0

Transfer 4 :

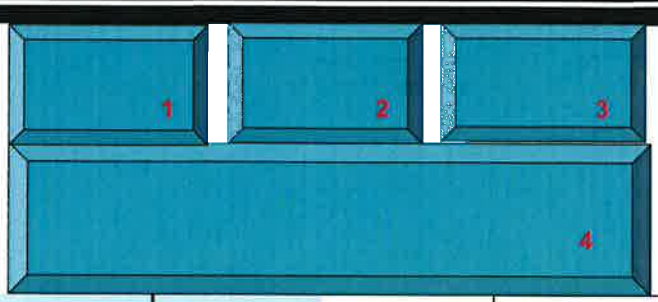
0.0% Pre-SS 0.000 AFA
0.0% Post-SS 0.000 AFA

0.0 Acres Miligation 0

ENHANCED GROUND-WATER RIGHTS TRANSF

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE IDAHO DEPA

Cells this color are set up for user entries



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

YEAR 1950

SEASON SPRING

TRANSFER NO:

TRANSFER NAME:

ENTER CELL LOCATIONS:	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	82	94	70	66
COLUMN	92	90	130	128

63.3	189.9
241.7	725.1
47.5	142.5

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL 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	~~172.0~~	~~172.0~~	0.0	0.0
SUM 1954	0.0	0.0	0.0	~~172.0~~	~~172.0~~	0.0	0.0
WIN 1954	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0

SPR 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SUM 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
WIN 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SPR 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SUM 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
WIN 1974	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1977	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1977	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1977	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5

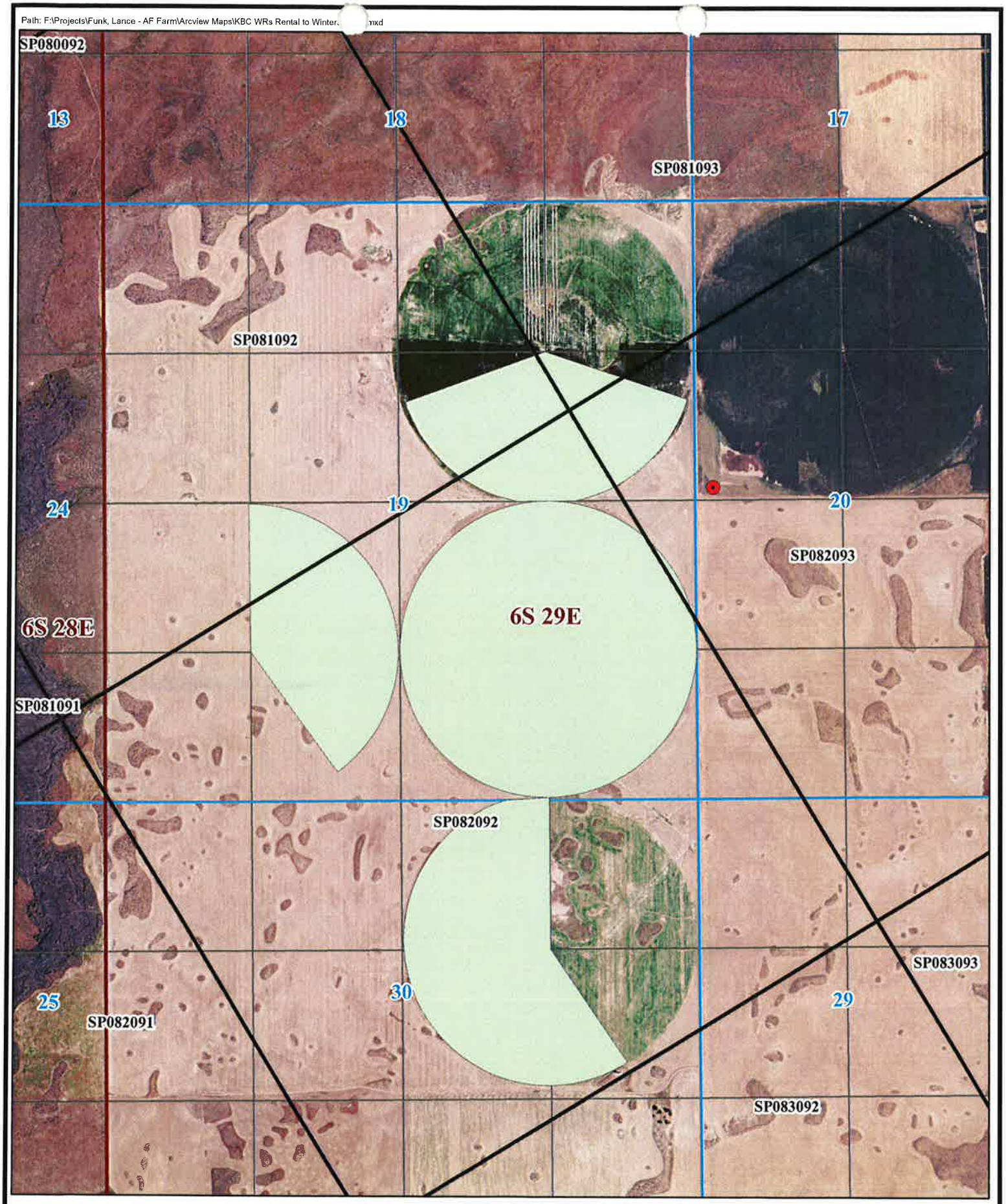
SPR 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2020	295.0	0.0	63.3	0.0	241.7	0.0	47.5
SUM 2020	295.0	0.0	63.3	0.0	241.7	0.0	47.5
WIN 2020	295.0	0.0	63.3	0.0	241.7	0.0	47.5
SPR 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5


Path: F:\Projects\Funk, Lance - AF Farm\Arcview Maps\KBC WRs Rental to Winter.mxd
SP080092
13
18
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SP081093
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SP082093
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SP081091
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Lance Funk Rental
2020 RENTAL
2017 NAIP AERIAL
Legend
modelgrid_trimmed
Rental_2020
POD Rental
N
BROCKWAY ENGINEERING, PLLC.
GWS -Date: 11/22/2019

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

May 1, 2020

LANCE FUNK
PO BOX 310
AMERICAN FALLS ID 83211

RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 35-2391, 35-7777, 35-14040 & 35-14308, AGREEMENT 390

Dear Renter:

Please find enclosed a receipt in the amount of **$10,794.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 1410.0 acre-feet of water for irrigation of 352.5 acres during 2020. 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.

There was an addition error made when determining the rental fee. Since you have a private agreement for some of the water rights, the total rental fee should have been $10,797.60. $2,280.00 of that fee will be retained by the Department to offset administrative costs. The administrative fee is based on $20.00 per acre foot of the total diversion volume before the private agreement. The Department received a check for $10,794.00 on April 9, 2020. An additional **$3.60** is needed for this rental. Please send a check for $3.60 to the Department upon receipt of this letter.

If you have any questions, please contact this office at bank@idwr.idaho.gov or (208) 287-4800.

Sincerely,

Jan Hersley

for Water Supply Bank

Enclosures: Rental Agreement (copy)

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

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 18, 2020

LANCE D FUNK
PO BOX 310
AMERICAN FALLS, ID 83211

RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-14308, 35-14040, 35-2391, 35-7777, AGREEMENT 390

*****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 $28,200.00 was calculated based on the current rental rate of $20.00 per acre-foot times a diversion volume of 1,410 acre-feet.

Please send a check for $28,200.00 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 $25,380.00 of the rental fee will be paid to the lessor(s) and 10% or $2,820.00 will be retained by the Department to offset administrative costs.

If you have any questions, please contact this office at bank@idwr.idaho.gov or (208) 287-4800.

Sincerely,

Amanda Weibel

Water Supply Bank

Enclosure

c: IDWR Front Desk
Greg Sullivan – Brockway Engineering

MEMORANDUM FOR AGREEMENT #1503

To: Water Right(s) 35-14308, 35-14040, 35-2391, and 35-7777

From: **Scott Storms**

Date: **January 30, 2020**

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

---

PURPOSE/NARRATIVE: Greg Sullivan of Brockway Engineering submitted application to rent water from the Supply Bank on behalf of Lance and/or Lisa Funk on November 27, 2019. The application was to rent a total of 352.5 acres and volume of 1410 acre-feet from water rights (WR) 35-14308, 35-14040, 35-2391, and 35-777, but only 295 acres would be irrigated at the rental place of use (POU), with the associated headgate volume of 1180 af. In total, this provided 57.5 acres and 230 af of headgate volume for mitigation. The rental requested the entirety of the total diversion rate, 6.12 cfs, which would equal a rate of 0.02 cfs per acre. This rate per acre would create potential enlargement of WRs 35-7632A, 35-14442, and 35-14443, which already cover a portion of one of the proposed fields in the application. This concern is further addressed in the Enlargement section below.

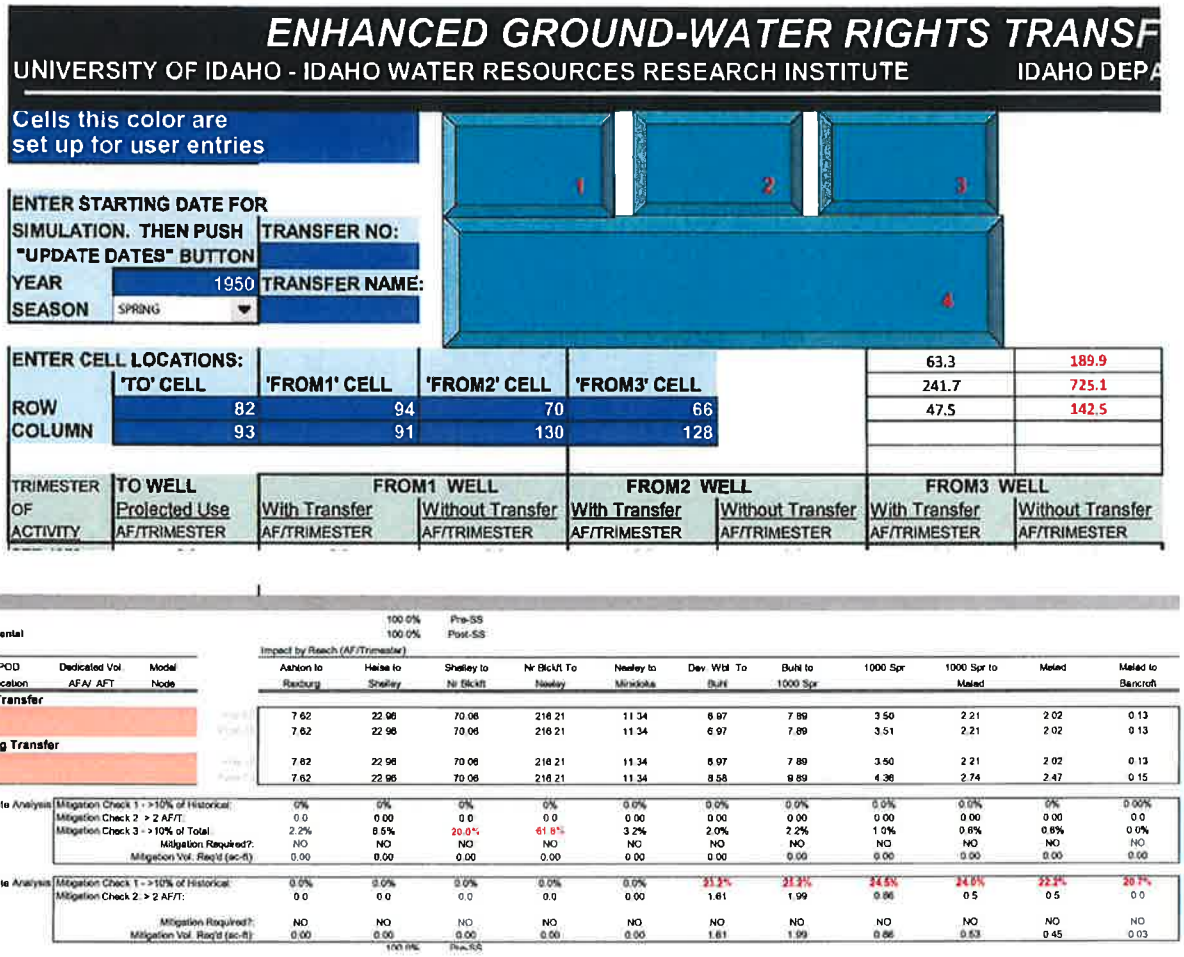
This application required ESPA modeling, which was submitted with the application. The submitted model run did not show any need for mitigation, however, when double checking this work, I was unable to produce a run that did not require further mitigation in the Buhl to 1,000 Springs reach. After multiple exchanges with Greg Sullivan via email and phone, he submitted a new model run with the rental acres and volume the same but the irrigated acres reduced to 281. The new model run passed in both his run and mine and therefore appears to be acceptable. These results are further explored in the Injury section below.

AUTHORITY TO FILE: The application was completed and signed by Greg Sullivan, consultant with Brockway Engineering, on behalf of Lance and/or Lisa Funk. Department parcel data show Lance Funk as owner of the land at the propose POU. A Power of Attorney form was submitted with the application, sighed by Lance Funk, and provided full authority to Greg Sullivan to undertake all matters pertaining to Idaho Department of Water Resources – Water Supply Bank. No concerns of authority to file.

WATER RIGHT VALIDITY: Rights 35-14308 and 35-14040 are owned by KBC Farms and were submitted as part of a lease/rental package with this rental application. Validity review showed no concerns of water right validity. Water rights 35-2391 and 35-7777 share a permissible place of use (PPU) and have a combined rate, acre, and volume limit, however these limits are completely additive and are therefore the rights are separable. In reviewing aerial imagery of the POU for 35-2391 and 35-7777, it appears as if irrigation has taken place as recent as 2017, however after reviewing max NDVI results for the growing seasons of 2017 through 2019, it appears these fields are lacking in live vegetation much beyond the end of June. Most likely the vegetation visible in aerial imagery is from dryland farming techniques. No concerns on validity of water rights to be rented.

INJURY TO OTHER WATER RIGHTS: ESPA modeling using ETRAM 3.3 was submitted by Greg Sullivan with the application. The initial proposal was to rent a total of 352.5 acres and associated headgate volume of 1410 af/yr, but only irrigate 295 acres with the associated headgate volume of 1180 af/yr, leaving 57.5 acres and 230 af/yr for mitigation. Results from the submitted model run showed no further mitigation would be required. These results, however, were very close to the threshold in the Buhl to 1000 Springs reach, with a historical depletion at

24.3% but an acre feet depletion coming in at 1.99 af, allowing it to pass the double-check system for mitigation. In checking the submitted work, I made several attempts at re-running the model, and every run resulted in 2.1 to 2.2 af of mitigation required in that same reach. This was portrayed to Greg through a series of emails and a phone discussion. After a phone conversation, Greg more closely examined the model results and resubmitted a new model run with the same amount of acres and volume rented from the Bank, but the irrigated acres for the rental reduced to 281 acres. This proposal reserved 71.5 acres and 286 af/yr field headgate volume for mitigation. The newly submitted model numbers showed no further mitigation was necessary. I ran the model with the same numbers and this time was able to duplicate the same results. According to the model, with this reduction in irrigated acres, there should be no injury to other water rights.



ENHANCED GROUND-WATER RIGHTS TRANSF

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE IDAHO DEPA

Cells this color are set up for user entries

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

YEAR 1950

SEASON SPRING

TRANSFER NO:

TRANSFER NAME:

1 2 3 4

ENTER CELL LOCATIONS:	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	82	94	70	66
COLUMN	93	91	130	128

63.3	189.9
241.7	725.1
47.5	142.5

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfer AF/TRIMESTER

2020 Rental

100.0% Pre-SS
100.0% Post-SS

Impact by Reach (AF/Trimester)

POD Location	Dedicated Vol AFA/ AFT	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft To Neeley	Neeley to Minidoka	Dev Wtd To Buhl	Buhl to 1000 Spr	1000 Spr	1000 Spr to Mated	Mated	Mated to Bancroft
ollowing Transfer			7.62	22.98	70.06	216.21	11.34	6.97	7.89	3.50	2.21	2.02	0.13
			7.62	22.98	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
s following Transfer			7.62	22.98	70.06	216.21	11.34	8.97	7.89	3.50	2.21	2.02	0.13
			7.62	22.98	70.06	216.21	11.34	8.58	8.89	4.36	2.74	2.47	0.15

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	0%	0%	0%	0%	0.0%	0.0%	0.0%	0.0%	0.0%	0%	0.00%
	Mitigation Check 2 > 2 AF/T:	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.0
	Mitigation Check 3 - > 10% of Total	2.2%	8.5%	20.0%	61.8%	3.2%	2.0%	2.2%	1.0%	0.6%	0.6%	0.0%
	Mitigation Required?:	NO	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	0.00
Transient State Analysis	Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	21.3%	21.3%	24.6%	24.6%	22.2%	20.7%
	Mitigation Check 2 > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	1.61	1.99	0.86	0.5	0.5	0.0
	Mitigation Required?:	NO	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	1.61	1.99	0.86	0.53	0.45	0.03

100.0% Post-SS

ENLARGEMENT OF USE: This application proposes a place of use that encompasses four different fields. The northern field currently has 74 acres of irrigation covered by rental agreement 222, which runs through 2022. This agreement authorizes a diversion rate of 1.54 cfs for an overall diversion rate of 0.021 cfs/acre. Agreement 222 also authorizes a volume of 296 af/year, or 4.0 af/acre at the field headgate. The POU for application 1503 proposes to cover the remaining 50.7 acres of this field to cover the full range of the pivot.

The southern field has three rights, 35-7632A, 35-14442, and 35-14443 that authorize irrigation of a total of 50 acres at a rate of 0.52 cfs and volume of 200 af/yr. This rate and volume calculates out to 0.01 cfs/acre and 4 af/acre/yr at the headgate. Application 1503 proposes to cover the remaining 70.4 acres to cover the full range of the pivot.

The two center fields currently have no other water rights or Bank agreements covering those acres and this rental would be the only water coving those fields. Application 1503 proposes to cover a total of 159.9 acres between these two fields.

Review memo for agreement 316, which covered some of these same fields through 2019, referred to a discussion between the reviewer and the applicant's representative, during which it was confirmed that, although all the fields were on the same system, the pivots were designed such that each could be ran at different rates. As such, each field/pivot can be run at a rate different than, and independent of the other fields/pivots. Because of this, the total allowable rate on the agreement should be set such that, the rate per rented acres for each field matches the rate per acre already authorized for each field, and the total allowable rate on the rental agreement will be the sum of those rates. Additionally, a condition should be added to the agreement which restricts the field in Sec. 30 to a rate of 0.01 cfs/acre (to match existing rights) and allows a rate of 0.02 cfs/acre on the remaining fields. The rates specific to each field are outlined in the table below. Limiting the agreement in this manner should prevent enlargement of existing rights and agreements that are irrigated off the same pivots as this rental, as well as prevent enlargement of the rented rights.

Water Right / Agreement	Location	Diversion Rate	Diversion Volume	Irrigable Acres	Rate / Acre	Vol / Acre
Agreement 222		1.54	296	74	0.021	4.0
Current Total Authorized	North Field	**1.54**	**296**	**74**	**0.021**	**4.0**
Rental Requirement		**1.06**	202.8	50.7	0.021	4.0
Sum Total		**2.60**	**498.80**	**124.70**	**0.021**	**4.0**

Rental Requirement (No other WR/Rentals)	Middle-East Field	**2.486**	497.2	124.3	0.02	4.0

Rental Requirement (No other WR/Rentals)	Middle-West Field	**0.712**	142.4	35.6	0.02	4.0

WR 35-7632A		0.02	8.0	2	0.010	4.0
WR 35-14442		0.39	156.0	39	0.010	4.0
WR 35-14443	South Field	0.11	36.0	9	0.012	4.0
Current Total Authorized		**0.52**	**200.0**	**50**	**0.010**	**4.0**
Rental Requirement		**0.704**	281.6	70.4	0.01	4.0
Sum total		**1.224**	**481.6**	**120.4**	**0.01**	**4.0**

Sum Total Rental Requirement		**4.96**	1124.00	281.00	-	4.0
Sum Total Existing Authorization		2.06	496.0	124		4.0
Sum Total Authorization W/Rental (Combined Limit)		**7.02**	**1620.0**	**405.00**		**4.0**

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

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

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The location of the rental POD is subject to water district #120. This review and supporting map will be sent out to watermaster Blake Jordan and IDWR eastern regional contact James Cefalo for comment. No comments were received.

Grimm, Angie

From: Storms, Scott
Sent: Tuesday, January 28, 2020 11:45 AM
To: 'Greg Sullivan'
Subject: RE: Lance Funk Supply Bank Rental

Greg,

It looks like this new proposal should work. I ran the numbers through myself to double check and my results came out exactly the same. I'll finish my review memo and hopefully get this out for watermaster/regional comment later today or tomorrow.

Scott

From: Storms, Scott
Sent: Tuesday, January 28, 2020 9:08 AM
To: 'Greg Sullivan' <greg.sullivan@brockwayeng.com>
Subject: RE: Lance Funk Supply Bank Rental

Thank you Greg,

I'll take a look and should be able to get back to you later today.

Scott Storms
Senior Water Resource Agent
Idaho Department of Water Resources
208-287-4915
Scott.Storms@idwr.idaho.gov

From: Greg Sullivan [mailto:greg.sullivan@brockwayeng.com]
Sent: Tuesday, January 28, 2020 9:04 AM
To: Storms, Scott <Scott.Storms@idwr.idaho.gov>
Subject: RE: Lance Funk Supply Bank Rental

Scott,

See the attached amended map and ESPA model analysis. I reduced the number of acres that can be irrigated from the rental but kept all of the lease volumes amounts for the leased water rights.
Let me know if you agree with the analysis.

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.

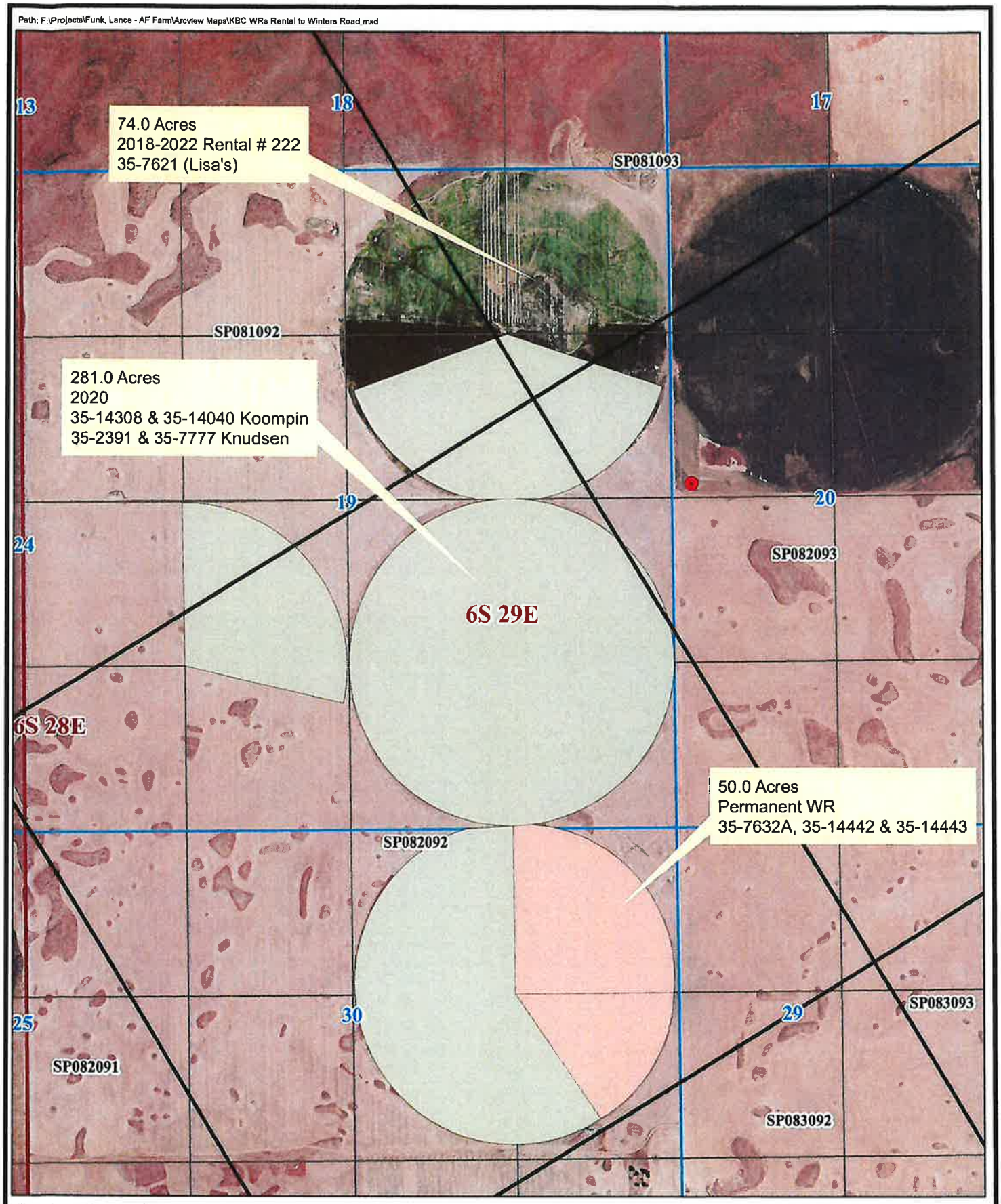
Grimm, Angie

From: Greg Sullivan <greg.sullivan@brockwayeng.com>
Sent: Tuesday, January 28, 2020 9:04 AM
To: Storms, Scott
Subject: RE: Lance Funk Supply Bank Rental
Attachments: Amended Map and ESPA Model Analysis.pdf

Scott,

See the attached amended map and ESPA model analysis. I reduced the number of acres that can be irrigated from the rental but kept all of the lease volumes amounts for the leased water rights.
Let me know if you agree with the analysis.

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


Path: F:\Projects\Funk, Lance - AF Farm\Arcview Maps\KBC WRs Rental to Winters Road.mxd
74.0 Acres
2018-2022 Rental # 222
35-7621 (Lisa's)
281.0 Acres
2020
35-14308 & 35-14040 Koompin
35-2391 & 35-7777 Knudsen
50.0 Acres
Permanent WR
35-7632A, 35-14442 & 35-14443
13
18
17
19
20
24
25
30
29
SP081093
SP081092
SP082093
SP082092
SP082091
SP083093
SP083092
6S 29E
6S 28E
Feet
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BROCKWAY ENGINEERING, PLLC.
GWS -Date: 1/27/2020
Lance Funk Rental
2020 RENTAL
2017 NAIP AERIAL
Legend
modelgrid_trimmed
Rental_2020
POD Rental
Permanent WR POU
N

Mitigation Analysis Period

Trimester 1 2 Trimester) Annual AF/T:

Total Reach Depletion Impacts

AF/T:	0.0	0.0	0.0	0.00	0.0	3.2	3.9	1.7	1.1	0.9	0.1

One-Way Analysis of Independent Transfers

Transfer 1 : 2020 Rental

100.0% Pre-SS
100.0% Post-SS

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

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
	7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.50	2.21	2.02	0.13
	7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
	7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.50	2.21	2.02	0.13
	7.62	22.96	70.06	216.21	11.34	8.58	8.89	4.36	2.74	2.47	0.15
Steady State Analysis											
Mitigation Check 1 - >10% of Historical:	0%	0%	0%	0%	0.0%	0.0%	0.0%	0.0%	0.0%	0%	0.00%
Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Mitigation Check 3 - >10% of Total:	2.2%	6.5%	20.0%	61.6%	3.2%	2.0%	2.2%	1.0%	0.6%	0.6%	0.0%
Mitigation Required?:	NO	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	0.00
Transient State Analysis											
Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	23.2%	25.2%	24.5%	24.0%	22.2%	20.7%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.00	1.61	1.99	0.86	0.5	0.5	0.0
Mitigation Required?:	NO	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	1.61	1.99	0.86	0.53	0.45	0.03

Read Me

100.0% Pre-SS
100.0% Post-SS

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

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
	7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
	7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
	7.62	22.96	70.06	216.21	11.34	6.97	7.89	3.51	2.21	2.02	0.13
	7.62	22.96	70.06	216.21	11.34	8.56	9.76	4.33	2.73	2.48	0.15
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%	0.0%
Mitigation Check 2: > 2 AF/T:	0.0	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	2.2%	6.5%	20.0%	61.6%	3.2%	2.0%	2.2%	1.0%	0.6%	0.6%	0.0%
Mitigation Required?:	NO	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	0.0
Transient State Analysis											
Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	22.8%	23.6%	23.6%	23.6%	22.8%	21.7%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.00	0.00	1.59	1.86	0.83	0.5	0.5	0.0
Mitigation Required?:	NO	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	1.59	1.86	0.83	0.5	0.5	0.0

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

Transfer 3 :

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: Worst Case Transient State Impacts following Transfer

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 Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	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%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	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%	0.0%
Mitigation Required?:	NO	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	0.0
Transient State Analysis											
Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	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	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0

0.0% Pre-SS 0.000 AFA
0.0% Post-SS 0.000 AFA

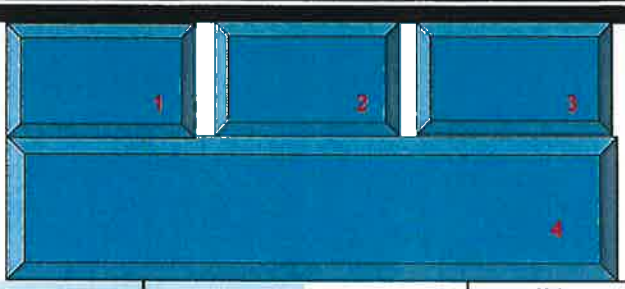
Transfer 4 :

0.0 Acres Mitigation 0

ENHANCED GROUND-WATER RIGHTS TRANSF

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE IDAHO DEPA

Cells this color are set up for user entries



ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON		TRANSFER NO:	
YEAR	1950	TRANSFER NAME:	
SEASON	SPRING		

ENTER CELL LOCATIONS:	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	82	94	70	66
COLUMN	93	91	130	128

63.3	189.9
241.7	725.1
47.5	142.5

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use	With Transfer	Without Transfer	With Transfer	Without Transfer	With Transfer	Without Transfer
	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	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	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1960	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1961	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1962	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1963	0.0	0.0	0.0	172.0	172.0	0.0	0.0

SPR 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1964	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1965	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1966	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1967	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1968	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1969	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1970	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1971	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SUM 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
WIN 1972	0.0	0.0	0.0	172.0	172.0	0.0	0.0
SPR 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SUM 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
WIN 1973	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SPR 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SUM 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
WIN 1974	0.0	63.3	63.3	172.0	172.0	0.0	0.0
SPR 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1975	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1976	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SPR 1977	0.0	63.3	63.3	172.0	172.0	47.5	47.5
SUM 1977	0.0	63.3	63.3	172.0	172.0	47.5	47.5
WIN 1977	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1978	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1979	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1980	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1981	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1982	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1983	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1984	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1985	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1986	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1987	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1988	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1989	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1990	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1991	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1992	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1993	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1994	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1995	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1996	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1997	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1998	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 1999	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2000	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2001	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2002	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2003	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2004	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2005	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2006	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2007	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2008	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2009	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2010	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2011	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2012	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2013	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2014	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2015	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2016	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2017	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2018	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2019	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2020	281.0	0.0	63.3	0.0	241.7	0.0	47.5
SUM 2020	281.0	0.0	63.3	0.0	241.7	0.0	47.5
WIN 2020	281.0	0.0	63.3	0.0	241.7	0.0	47.5
SPR 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2021	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2022	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2023	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2024	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2025	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2026	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2027	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2028	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2029	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2030	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2031	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2032	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2033	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2034	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2035	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2036	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2037	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2038	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2039	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2040	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2041	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2042	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2043	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2044	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2045	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2046	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2047	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2048	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2049	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2050	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2051	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2052	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2053	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2054	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2055	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2056	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2057	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2058	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2059	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2060	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2061	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2062	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2063	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2064	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2065	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2066	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2067	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2068	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2069	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2070	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2071	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2072	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2073	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2074	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2075	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2076	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2077	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2078	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2079	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2080	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2081	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2082	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2083	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2084	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2085	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2086	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2087	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2088	0.0	63.3	63.3	241.7	241.7	47.5	47.5

SPR 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2089	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2090	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2091	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2092	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2093	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2094	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2095	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2096	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2097	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2098	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SPR 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5
SUM 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5
WIN 2099	0.0	63.3	63.3	241.7	241.7	47.5	47.5

Grimm, Angie

From: Greg Sullivan <greg.sullivan@brockwayeng.com>
Sent: Thursday, January 23, 2020 11:54 AM
To: Storms, Scott; Buyer, Remington
Subject: RE: Lance Funk Supply Bank Rental

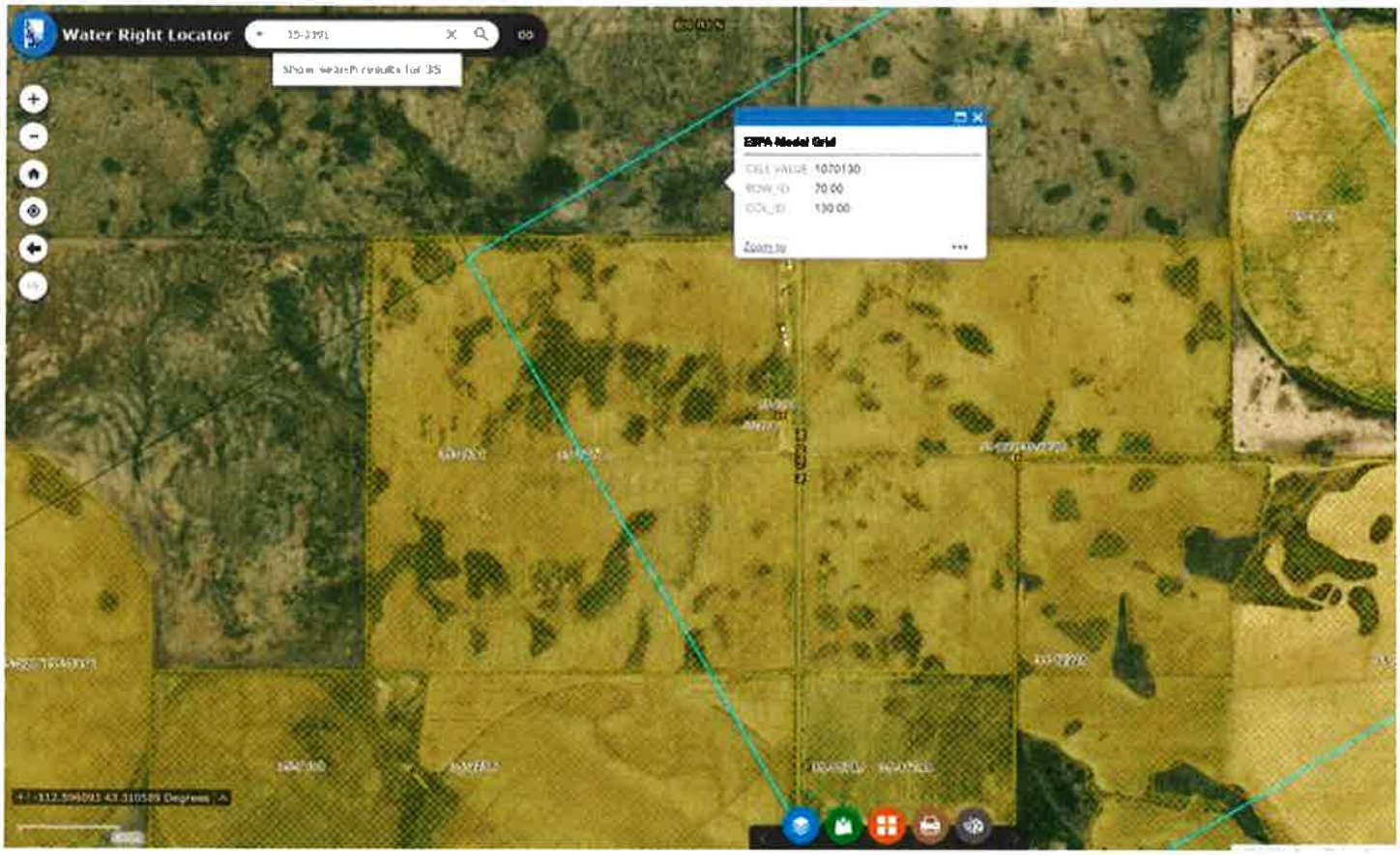
Follow Up Flag: Follow up
Flag Status: Flagged

Scott,

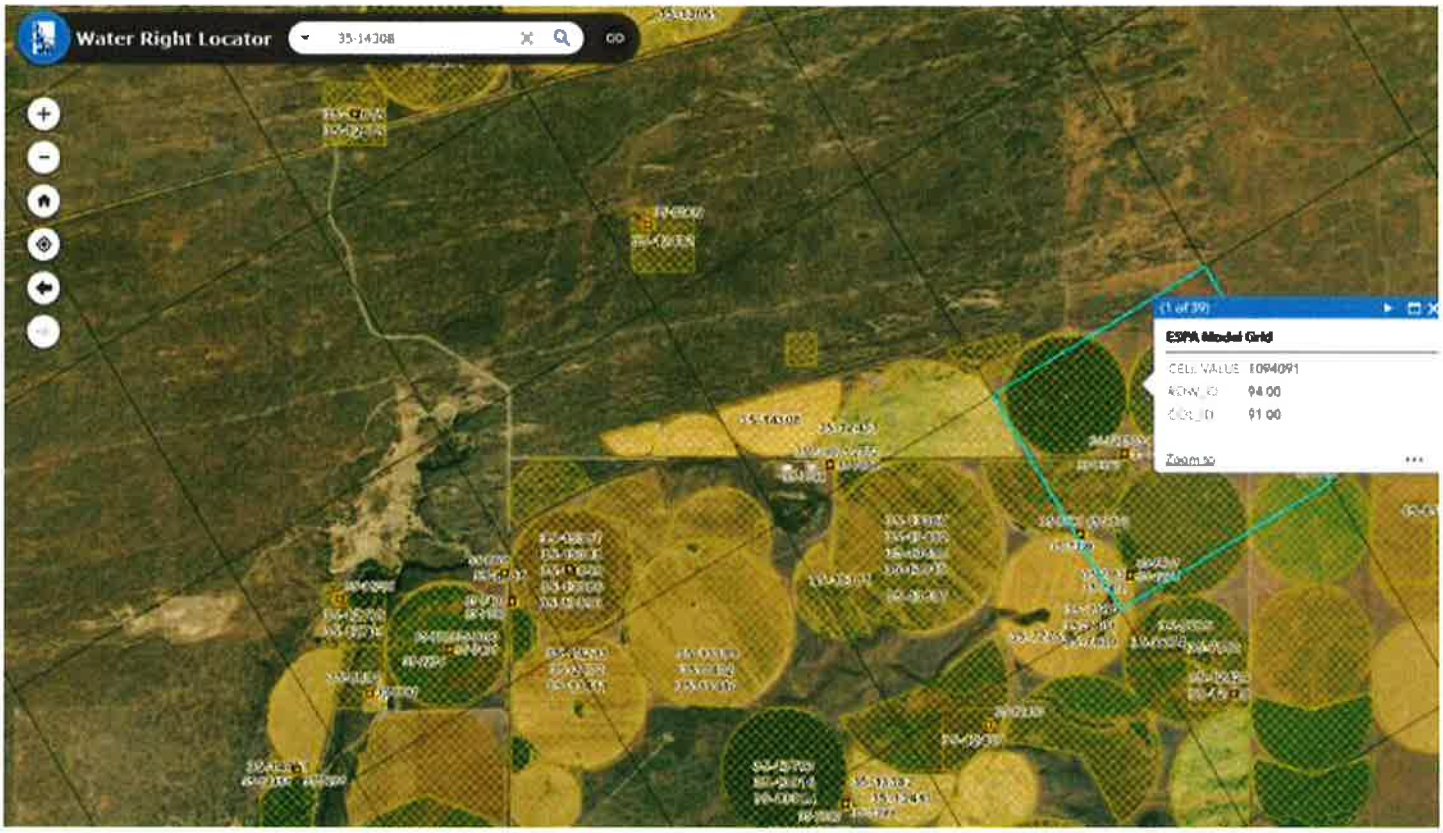
Thanks for looking at this lease and rental package.
I was scratching my head as to why Remington, yours and my model analysis were not matching up. I think I have found the issue. The model cells for the 63.3 acre feet and the 47.5 acre feet need to be switched in the ESPA Model analysis tool. Please verify my analysis below correct.

We are proposing to rent 295.0 acre feet TO ESPA Model Cell 82 93. All three of our model analysis identify the same model cell.

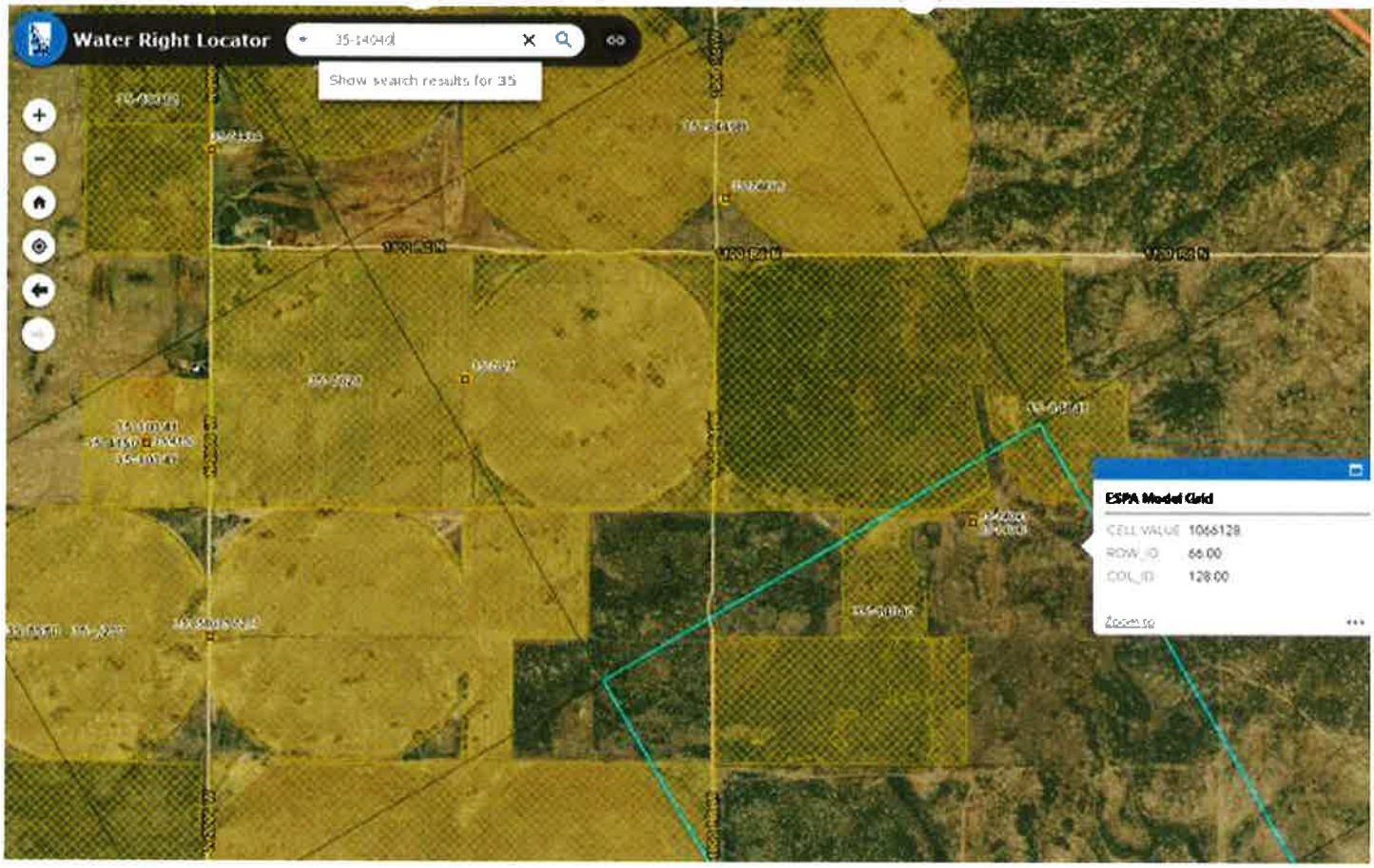
The FROM cell for the 241.7 acre feet from 35-2391 and 35-7777 is Cell 70 130 as identified in the image below. All three of our model analysis identify the same model cell.



The FROM cell for the 63.3 acre feet from 35-14308 is Cell 94 91 as identified in the image below. Your model analysis identifies model cell 66 128. I think I used model cell 94 90 in the original model analysis that I submitted with the application but I don't think it makes much of a difference between these two cells.



The FROM cell for the 47.5 acre feet from 35-14040 is Cell 66 128 as identified in the image below. Your model analysis identifies model cell 94 91.



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

From: Storms, Scott [mailto:Scott.Storms@idwr.idaho.gov]
Sent: Thursday, January 23, 2020 10:20 AM
To: Greg Sullivan <greg.sullivan@brockwayeng.com>
Subject: RE: Lance Funk Supply Bank Rental

Greg,

You are correct in how the volume is divided into trimesters, my apologies for the mistake. My first model run of the year is always a bit of a refresher. However, I did run through the model several times again, with the volumes correctly divided into trimesters, and I still return a mitigation requirement in the Buhl to 1000 Springs reach. I have tried a few different runs, moving the cell around a bit for WR 35-14308 (the one with 11 PODs) and no matter what cell is used, the

model still returns anywhere from 2.1-2.2 af mitigation requirement in that reach. Remington also produced a run to double check my work and came up with the same results. I've attached both model runs for your review. As you are aware, in order to meet mitigation requirements, you will either need to dial back the irrigated acres for this rental, or find a few more acres to rent. Remington is working on putting together a list together today of leases in the ESPA that still have availability. I can get this list to you later today if you would like.

Scott

From: Greg Sullivan [mailto:greg.sullivan@brockwayeng.com]
Sent: Tuesday, January 21, 2020 4:28 PM
To: Storms, Scott <Scott.Storms@idwr.idaho.gov>
Subject: RE: Lance Funk Supply Bank Rental

Scott,

It is my understanding that the consumptive use in the American Falls area is considered 3.0 ft/acre, at least for the ESPA Model analysis tool.

Which means that 63.3 acres is modeled at 189.9 acreft per year of consumptive use. When that 189.9 acreft per year is split into trimesters the volume amount is 63.3 acreft per trimester.
Which means that 241.7 acres is modeled at 725.1 acreft per year consumptive use. When that 725.1 acreft per year is split into trimesters the volume amount is 241.7 acreft per trimester.
Which means that 47.5 acres is modeled at 142.5 acreft per year consumptive use. When that 142.5 acreft per year is split into trimesters the volume amount is 47.5 acreft per trimester.

This is in accordance with the Idaho Department of Water Resources "Use of the ESPA Model Transfer Spreadsheet (ETRAN) for Water Supply Bank Rentals in the Eastern Snake Plain Aquifer" dated February 2016. Specifically page 7 in which an example rental models 455 acres that has a consumptive use volume of 1365 AFY and the consumptive use per Trimester of 455 AF. The example provided in Section 5.4 shows that only the 455 AF per trimester is modeled and not the 1365 AFY for each trimester.

Please let me know if I need to provide additional information or clarification for the ESPA Model analysis for the proposed rental to be processed and approved.

Thank you,

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

From: Storms, Scott [mailto:Scott.Storms@idwr.idaho.gov]
Sent: Tuesday, January 21, 2020 3:25 PM
To: Greg Sullivan <greg.sullivan@brockwayeng.com>
Subject: Lance Funk Supply Bank Rental

Hello Greg,

I am reviewing the rental application for Lance Funk for the irrigation of 295 acres in basin 35 (application 1503), and I've come across an issue with the modeling you submitted. The copy you submitted was ran with acres rather than consumptive volumes. I re-ran the model with the consumptive volumes associated with the amount of acres applied for (attached) and my results show you still need further mitigation beyond the 57.5 acres that has already been worked into the application. Rather than run more scenarios to determine the reduction needed, or the amount of acres that need to be added to the rental, I want to pass this back to you so you and your client can sort out which direction you want to go to account for mitigation.

Thanks,

Scott

Scott Storms
Senior Water Resource Agent
Idaho Department of Water Resources
208-287-4915
Scott.Storms@idwr.idaho.gov

BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics
Hydrology
Water Resources

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

CHARLES G.
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2016 NORTH
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STREET • SUITE 4

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IDAHO 83301

208•736•8543

FAX: 736•8506

November 25, 2019

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

Re: Water Rental of 35-14308, 35-14040, 35-2391 and 35-7777

Dear Mr. Buyer:

Lance Funk desires to rent 295.0 acres from water rights 35-14308, 35-14040, 35-2391 and 35-7777 for the 2020 irrigation season. Lance Funk will rent a volume of 1410 acre feet and irrigate 295.0 acres.

The ESPA Model analysis was performed on this rental and is attached to this letter.

Water Supply Bank lease applications for 35-14308 and 35-35-14040 are being submitted as a package deal with this rental. The lease period will be for 2020 only. Water rights 35-14308 and 35-35-14040 have been leased into the Idaho Water Supply Bank for several years.

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Lance Funk
Enc: Rental Application, Lease Applications, Aerial Map of Rental POU, ESPA Model Analysis, Limited Power of Attorney, Brockway Engineering Check #15622 for $500.00.