



State of Idaho

## DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098  
Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

GARY SPACKMAN  
Director

C.L. "BUTCH" OTTER  
Governor

October 8<sup>th</sup>, 2014

LUKE MARCHANT  
SOUTH INTERCHANGE PROPERTIES, LLC  
PO BOX 50130  
IDAHO FALLS, ID 83405

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK  
WATER RIGHT NO(S). 25-14381, 25-14383, 25-14385, AND 25-14386**

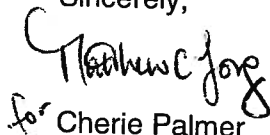
Dear Renter:

Please find enclosed a receipt in the amount of **\$1,244.40** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 73.2 acre-feet of water for irrigation of 18.3 acres during 2014. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or \$1,119.96 of the rental fee will be paid to the lessor(s) and 10% or \$124.44 will be retained by the Department to offset administrative costs.

If you have any questions, please contact me at (208) 287-4944.

Sincerely,



for Cherie Palmer  
Water Rights Supervisor  
WSB Process Point of Contact

Enclosure(s): Receipt No. C099484  
Rental Agreement (copy)

c: Sascha Marston – Fiscal  
James Cefalo – IDWR Eastern Regional Office/Water District #120

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

**WATER SUPPLY BANK RENTAL AGREEMENT**

**RECEIVED**  
**OCT 06 2014**  
DEPARTMENT OF  
WATER RESOURCES

This is to certify that: **SOUTH INTERCHANGE PROPERTIES LLC**  
**C/O LUKE MARCHANT**  
**PO BOX 50130**  
**IDAHO FALLS ID 83405**  
**(208)-523-0620**

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 | Priority Date | Source | Tributary | Rented Rate | Annual Rented Volume | Acre Limit | Total Rented Acres |
|-------------|---------------|--------|-----------|-------------|----------------------|------------|--------------------|
|-------------|---------------|--------|-----------|-------------|----------------------|------------|--------------------|

|          |           |              |     |          |         |    |         |
|----------|-----------|--------------|-----|----------|---------|----|---------|
| 25-14381 | 7/19/1973 | Ground Water | N/A | 0.19 cfs | 51.2 af | NA | 12.8 ac |
|----------|-----------|--------------|-----|----------|---------|----|---------|

|          |           |              |     |          |         |    |        |
|----------|-----------|--------------|-----|----------|---------|----|--------|
| 25-14383 | 8/19/1952 | Ground Water | N/A | 0.08 cfs | 22.8 af | NA | 5.7 ac |
|----------|-----------|--------------|-----|----------|---------|----|--------|

|          |           |              |     |          |         |    |        |
|----------|-----------|--------------|-----|----------|---------|----|--------|
| 25-14385 | 8/19/1952 | Ground Water | N/A | 0.05 cfs | 12.4 af | NA | 3.1 ac |
|----------|-----------|--------------|-----|----------|---------|----|--------|

**Total Annual Combined Limit**

|                 |               |           |               |
|-----------------|---------------|-----------|---------------|
| <b>0.03 cfs</b> | <b>8.4 af</b> | <b>NA</b> | <b>2.1 ac</b> |
|-----------------|---------------|-----------|---------------|

|          |           |              |     |          |         |    |        |
|----------|-----------|--------------|-----|----------|---------|----|--------|
| 25-14386 | 8/19/1952 | Ground Water | N/A | 0.05 cfs | 13.6 af | NA | 3.4 ac |
|----------|-----------|--------------|-----|----------|---------|----|--------|

**Annual Combined Rental Totals**

**0.27 cfs    73.2 af    NA    18.3 ac**

**Term of Rental:    June 13, 2014 to December 31, 2014**

**Rental Fee:        \$1,244.40**

The fee for rental of the above-described water is \$1,244.40 Ten percent (\$124.44) will go to the Department for administrative costs, and the remainder will be paid to the lessor(s). No rental fees will be refunded once the fee is collected and the start date for a Rental Agreement has passed.

Detailed water right conditions are attached.

**SUPPORT DATA**

**IN FILE #** 25-14381

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**WATER SUPPLY BANK RENTAL AGREEMENT**

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:

|                                                                                                                   |                                                                       |                                   |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|
| <br>_____<br>Signature of Renter | <u>Luke H. Marchant, Attorney</u><br>_____<br>Printed Name and Title* | <u>10/2/2014</u><br>_____<br>Date |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|

\*Please provide title of signatory 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 <br>_____<br>BRIAN PATTON, Acting Administrator<br>Idaho Water Resource Board | Date <u>October 6, 2014</u><br>_____ |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**WATER SUPPLY BANK RENTAL AGREEMENT**

**WATER USE DETAILS**

**LOCATION OF POINT(S) OF DIVERSION**

GROUND WATER      NW¼NE¼      Sec. 8      Twp 01N      Rge 37E      BONNEVILLE County

**BENEFIAL USE**

IRRIGATION

**SEASON OF USE**

04/01 TO 10/31

**RENTER'S PLACE OF USE:**      IRRIGATION

| Twp | Rge | Sec | NE |     |      |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|-----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW  | SW   | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 01N | 37E | 8   | 2  | 0.1 | 13.2 | 3  |    |    |    |    |    |    |    |    |    |    |    |    | 18.3   |

Total Acres:    18.3

**CONDITIONS APPLICABLE TO ALL RENTED WATER RIGHTS**

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 the ongoing Snake river Basin Adjudication or 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. This rental does not grant any right-of-way or easement to use the diversion works or conveyance works of another party.
5. 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.
6. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
7. 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.
8. Renter acknowledges and agrees that the Director may terminate diversion of water if the Director determines there is not a sufficient water supply for the priority of the right or portion thereof being rented.
9. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
10. The right holder shall 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.
11. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
12. The following rights are diverted through point of diversion described above: 35-13537 and 35-13975.

13. This rental agreement does not authorize the construction of a well.
14. The renter must diligently pursue a permanent water right to provide for the uses authorized under this rental agreement.
15. This right when combined with all other rights 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 lands above.
16. Use of water under this agreement will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.





Holden Kidwell  
Hahn & Crapo P.L.L.C.  
L A W O F F I C E S

RECEIVED  
OCT 06 2014  
DEPARTMENT OF  
WATER RESOURCES

1000 Riverwalk Drive, Suite 200  
PO Box 50130  
Idaho Falls, Idaho 83405

Tel: (208) 523-0620  
Fax: (208) 523-9518  
www.holdenlegal.com

Email: [lmarchant@holdenlegal.com](mailto:lmarchant@holdenlegal.com)

October 2, 2014

Cherie Palmer  
Water Rights Supervisor  
Idaho Department of Water Resources  
322 E. Front Street  
PO Box 83720  
Boise, ID 83720-0098

RE: South Interchange Properties LLC Application to Rent Water

Dear Cherie:

Enclosed for final processing is a signed Water Supply Bank Rental Agreement along with a check for the necessary rental fee. We appreciate your assistance with this matter. If you have any questions, do not hesitate to contact me.

Best Regards,

Luke H. Marchant  
Holden, Kidwell, Hahn & Crapo, P.L.L.C.

Enclosures

G:\WPDATA\RLH\4619-03 MELALEUCA\2014-10-02, Palmer.docx

**RECEIVED****JUN 13 2014****DEPARTMENT OF  
WATER RESOURCES****STATE OF IDAHO  
WATER RESOURCE BOARD****APPLICATION TO RENT WATER  
FROM THE WATER SUPPLY BANK**

This application must be prepared in accordance with the minimum requirements listed to be acceptable for processing by the Department. Incomplete applications will be returned.

Name of Renter(s) South Interchange Properties, LLCMailing Address c/o Luke Marchant, Holden, Kidwell, Hahn & Crapo, PLLC, PO Box 50130, Idaho Falls, ID 83405Phone (208) 523-0620Email lmarchant@holdenlegal.com**A. DESCRIPTION OF WATER SOUGHT FOR RENT**

1. Maximum Flow Rate (cfs) 0.37 Maximum Volume (ac-ft) 73.2 Nature of Use Irrigation Period of Use 04/01 to 10/31

Total: 0.37 73.2

2. Source of water Ground water

tributary to \_\_\_\_\_

3. Point(s) of Diversion:

| TWP | RGE | SEC | GOVT LOT | 1/4 | 1/4 | 1/4 | County     |
|-----|-----|-----|----------|-----|-----|-----|------------|
| 01N | 37E | 8   |          |     | NW  | NE  | Bonneville |
|     |     |     |          |     |     |     |            |
|     |     |     |          |     |     |     |            |
|     |     |     |          |     |     |     |            |

4. Lands to be irrigated or place of use:

| TWP | RGE | SEC | NE |     |      |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|-----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW  | SW   | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 01N | 37E | 8   | 2  | 0.1 | 13.2 | 3  |    |    |    |    |    |    |    |    |    |    |    |    | 18.3   |
|     |     |     |    |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |        |
|     |     |     |    |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |        |

If the use is for irrigation, show total number of acres proposed through rental.

Total Acres 18.3**B. OWNERSHIP**

1. Do you own the land at the proposed point of diversion?

Yes ☒ No ☐

If no, list owner, contact information, and attach a copy of the agreement or other written authority to use the proposed point of diversion. \_\_\_\_\_

2. Do you own the land at the proposed place of use?

Yes ☒ No ☐

If no, list owner, contact information, and attach a copy of the agreement or other written authority to use the proposed place of use. \_\_\_\_\_

**C. MAP**

Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described by this application in section A. Include legal description labels.

#### D. GENERAL INFORMATION

1. Please provide a description of the proposed diversion system.  
Water will be diverted from an existing well located on the property.
2. Describe any other water rights diverted through the same point(s) of diversion or used for the same purpose(s) as described above.  
\_\_\_\_\_  
\_\_\_\_\_
3. Will the proposed place of use receive water from any other source? Yes ☐ No ☒  
If yes, describe. \_\_\_\_\_
4. If the proposed use is not for irrigation, please provide a detailed description of the proposed use and how you determined the amount of water required. Attach additional sheets if needed. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Are there any other applications pending before the Department, such as an application for permit or transfer, for the same use(s) proposed by this rental? Yes ☐ No ☒  
If yes, describe. \_\_\_\_\_
6. Was this rental application submitted in response to a Notice of Violation or a pending Notice of Violation? Yes ☐ No ☒  
If yes, describe. \_\_\_\_\_

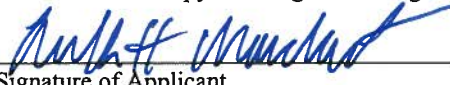
#### E. RENTAL TERM

Do you wish to rent water from the Board's bank for more than one (1) year? Yes ☒ No ☐  
If yes, please specify the number of years desired through proposed rental. Two (2014-2015)

**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.**

If this application is approved, the applicant agrees to the following:

1. The use of water under this agreement shall be subject to the provisions of Section 42-1766, Idaho Code.
2. Renter shall comply with all applicable state and federal laws while using water under this agreement.
3. Renter shall hold the Board, the Director, and the state of Idaho harmless from all liability on account of negligent acts of the renter.
4. The Director may terminate diversion of water if the Director determines there is not a sufficient water supply for the priority of the right or portion thereof being rented.
5. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
6. Renter is not authorized to use water proposed by this application until the rental fees are paid in full and the renter receives an executed copy of the agreement signed by the Director.

  
Signature of Applicant

Luke H. Marchant, Attorney  
Printed Name and Title\*

6/11/2014  
Date

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Printed Name and Title\*

\_\_\_\_\_  
Date

\*Please provide title of signatory if signing on behalf of a company or organization or with power of attorney

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

## **Webster, Clay**

---

**From:** Cefalo, James  
**Sent:** Tuesday, September 16, 2014 5:15 PM  
**To:** Webster, Clay  
**Subject:** RE: Region and Watermaster Comments on Rental Application for South Interchange Properties LLC

Clay,

I have no concerns with the proposed WSB rental.

James

---

**From:** Webster, Clay  
**Sent:** Tuesday, September 16, 2014 4:11 PM  
**To:** Cefalo, James  
**Subject:** Region and Watermaster Comments on Rental Application for South Interchange Properties LLC

James,

We are processing this application for rental. Do you have any concerns? Thanks

*Sincerely,*

*Clay Webster*

Water Resource Agent

[clay.webster@idwr.idaho.gov](mailto:clay.webster@idwr.idaho.gov)

208-287-4910

Idaho Department of Water Resources (IDWR)

322 E. Front Street

P.O. Box 83720

Boise, ID 83720-0098

208-287-4800

[www.idwr.idaho.gov](http://www.idwr.idaho.gov)



State of Idaho

## DEPARTMENT OF WATER RESOURCES

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

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: [www.idwr.idaho.gov](http://www.idwr.idaho.gov)

GARY SPACKMAN  
Director

C.L. "BUTCH" OTTER  
Governor

September 22, 2014

LUKE MARCHANT  
SOUTH INTERCHANGE PROPERTIES LLC  
PO BOX 50130  
IDAHO FALLS, ID 83405

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK  
WATER RIGHT NO(S). 25-14381, 25-14383, 25-14385 AND 25-14386**

**\*\*\*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 \$1244.40 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 73.2 acre-feet. The agreement will be void if payment is not received prior to the due date in a given year.

**Please send a check for \$1244.40** 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 \$1119.96 of the rental fee will be paid to the lessor(s) and 10% or \$124.44 will be retained by the Department to offset administrative costs.

If you have any questions, please contact me at (208) 287-4944.

Sincerely,

Cherie Palmer  
Water Rights Supervisor  
WSB Process Point of Contact

Enclosure(s)

c: IDWR Front Desk

## MEMORANDUM

**To:** Water Right(s): 25-14381, 25-14383, 25-14385 and 25-14386  
**From:** Brian Ragan and Clay Webster  
**Date:** September 8, 2014  
**Re:** South Interchange Properties: Application to Rent Water from the State Water Supply Bank

---

**PURPOSE/NARRATIVE:** On June 13<sup>th</sup>, 2014 the Department received an application from South Interchange Properties, LLC requesting to rent water from the WSB. The applicant proposes to rent 73.2 AF of water at a diversion rate of 0.37 CFS to irrigate 18.3 acres. The POD to be used for this rental is the same for WRs 35-13537 and 35-13975.

Originally, the applicant proposed to use all of water rights 25-14381, 25-14383, and 25-14385 to satisfy the majority of the rental amounts along with a small portion of water right 35-7534B to cover the remainder.

On July 7, 2014 we determined that right # 35-7534B had already been committed to another rental request and was not available.

On July 18, 2014 sent letter to inform the applicant that they need to identify another water right with ESPAM model run. This letter was sent with a suggested right of 25-14386.

On August 4, 2014, Luke Marchant sent new modeling with a request to use WR 35-13997 to fulfill this rental request. This right had been obligated for another rental that was received prior to this rental request.

On September 9, 2014, Luke Marchant sent new modeling for WRs 25-14381, 25-14383, 25-14385 to satisfy the majority of the rental amounts and a small portion of 25-14386 to cover the remainder.

**AUTHORITY TO FILE:** Luke H. Marchant, of the law firm Holden, Kidwell, Hahn & Crapo, PLLC, signed the application and drafted the cover letter. It appears this law firm represents applicants based on the mailing address listed on the application.

**WATER RIGHT VALIDITY:** The applicant proposes to use all of water rights 25-14381, 25-14383, and 25-14385 to satisfy the majority of the rental amounts along with a small portion of water right 35-7534B to cover the remainder.

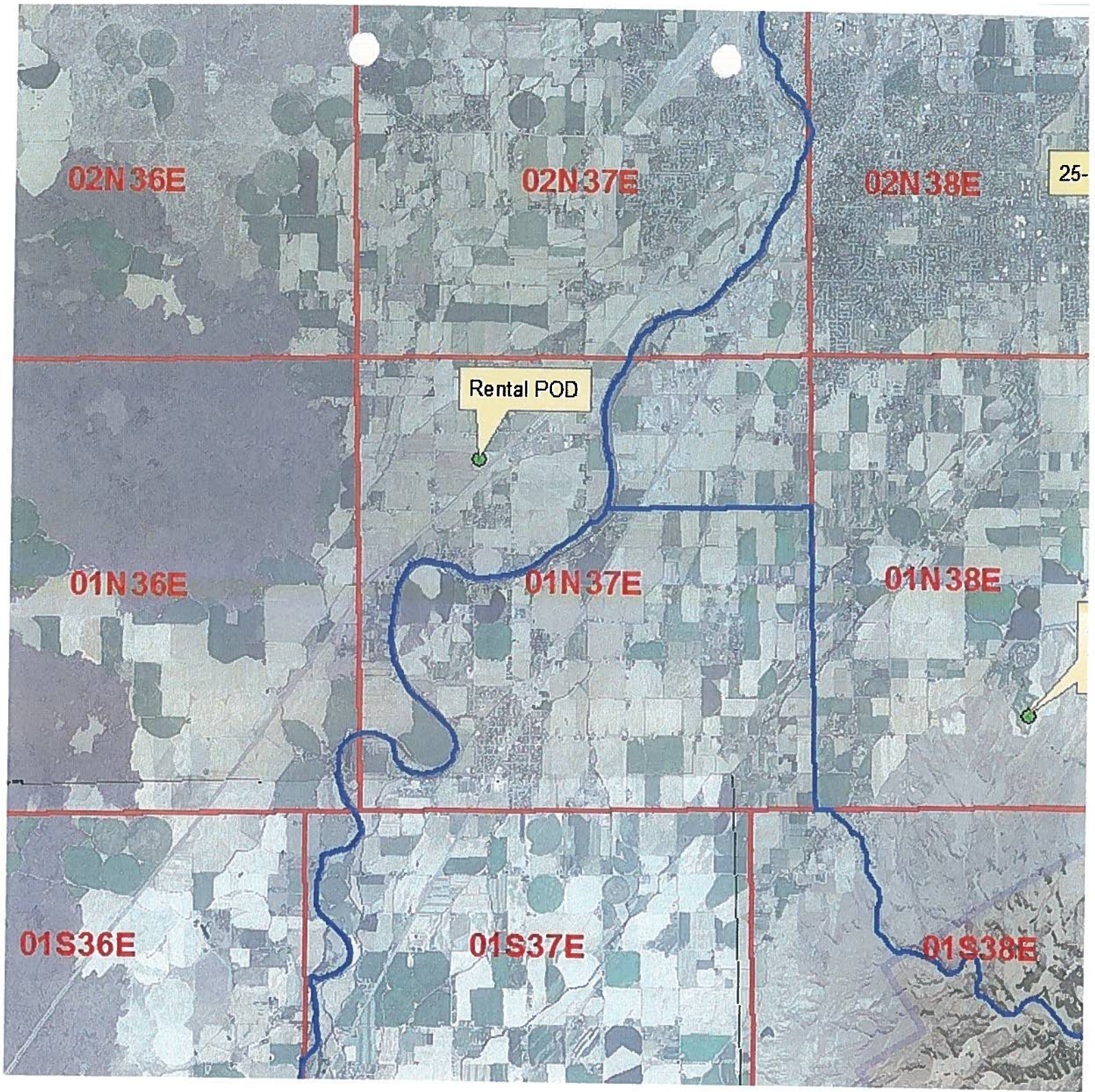
**INJURY TO OTHER WATER RIGHTS:** No injury is apparent. Cherie and I checked the ESPA modeling. We ran the modeling with separate runs for right 25-14381 with priority date per right. We also included the leased dates for the rights as idled years. This made the modeling run have less impact. We also ran the model as the applicant did. However, with the idled years in the model, the impact was much less than his model. No mitigation was needed according to all modeling runs.

**ENLARGEMENT OF USE:** No enlargement is evident through the rental.

**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 rented right(s) are subject to Water District # 120



| Water Right No. | Rented Vol (AF) | Lessor Fee (90%) | Administrative Fee (10%) | Total Fee @ \$17 (2013-2017) | Rental Amounts |       | Lessor Fee (90%) | Administrative Fee (10%) | Total Fee @ \$20 (2018-2022) |
|-----------------|-----------------|------------------|--------------------------|------------------------------|----------------|-------|------------------|--------------------------|------------------------------|
|                 |                 |                  |                          |                              | Rate (cfs)     | Acres |                  |                          |                              |
| 25-14381        | 51.2            | 783.36           | 87.04                    | 870.40                       | 0.08           | 12.80 | 0                | 0                        | 0.00                         |
| 25-14383        | 5.5             | 84.15            | 9.35                     | 93.50                        | 0.05           | 3.10  | 0                | 0                        | 0.00                         |
| 25-14835        | 2.9             | 44.37            | 4.93                     | 49.30                        | 0.19           | 5.70  | 0                | 0                        | 0.00                         |
| 25-14386        | 13.6            | 208.08           | 23.12                    | 231.20                       | 0.05           | 3.40  | 0                | 0                        | 0.00                         |
| Total           | 73.2            | 1119.96          | 124.44                   | 1244.40                      | 0.37           | 25.00 | 0                | 0                        | 0.00                         |

## Webster, Clay

---

**From:** Luke Marchant [lmarchant@holdenlegal.com]  
**Sent:** Tuesday, September 09, 2014 4:39 PM  
**To:** Webster, Clay  
**Subject:** RE: South Interchange Properties, LLC Application to Rent Water  
**Attachments:** Attachment Pages.pdf

Clay,

Attached you will find amended pages for the Water Bank Rental Application that we submitted for South Interchange Properties, LLC. As you suggested, I have run the transfer tool assuming that we will rent the entire available amount of 59.6 acre-feet of the Idaho Water Company water rights (25-14381, 25-14383, 25-14385), and 13.6 acre-feet of the City of Ammon water right (25-14386) for this year.

I appreciate your help getting this application processed. If you have any questions, or need any additional information, do not hesitate to contact me.



**Luke H. Marchant**  
Holden, Kidwell, Hahn & Crapo, P.L.L.C.  
1000 Riverwalk Drive, Suite 200  
P.O. Box 50130  
Idaho Falls, Idaho 83405  
Phone: (208) 523-0620  
Fax: (208) 523-9518  
Email: [lmarchant@holdenlegal.com](mailto:lmarchant@holdenlegal.com)

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---

**From:** Webster, Clay [mailto:Clay.Webster@idwr.idaho.gov]  
**Sent:** Monday, September 08, 2014 12:24 PM  
**To:** Luke Marchant  
**Cc:** Palmer, Cherie  
**Subject:** RE: South Interchange Properties, LLC Application to Rent Water

Mr. Marchant,

The water right that you selected (35-13997) to run with is already being fully utilized for another rental application. That was the reason that right # 25-14386 was suggested. 25-14386 is still available at this time. If you could submit the ESPAM Transfer Tool Run with this number, I will be able to proceed with processing this rental. We do realize that this will limit us to a one year rental for this year.

We are trying to get the word out to all of the consultants, that we will be accepting rental applications for 2015 on November 1, 2014. An earlier application date will aid your clients in being closer to the front of the line in the processing cue.

Please contact me if you have any questions at 287-4910 or via e-mail.

*Sincerely,*

*Clay Webster*

Water Resource Agent

[clay.webster@idwr.idaho.gov](mailto:clay.webster@idwr.idaho.gov)

208-287-4910

Idaho Department of Water Resources (IDWR)

322 E. Front Street

P.O. Box 83720

Boise, ID 83720-0098

208-287-4800

[www.idwr.idaho.gov](http://www.idwr.idaho.gov)

---

**From:** Luke Marchant [<mailto:lmarchant@holdenlegal.com>]

**Sent:** Friday, September 05, 2014 2:53 PM

**To:** Palmer, Cherie

**Cc:** Webster, Clay

**Subject:** RE: South Interchange Properties, LLC Application to Rent Water

Cherie,

Thanks for getting back to me. It appears that we're experiencing a breakdown in communications. I was not aware that Brian had been re-assigned, but that would explain why I haven't heard anything regarding the amendments to our original application that I submitted over a month ago. I'm well aware that 35-753B is not available for rental, hence the reason I sent the e-mail with the amendments that you see at the bottom of this e-mail chain. I received a letter (that you reference) from Brian on July 22, asking that I provide a response by August 4. I spoke with Brian over the phone on August 4, and discussed this application at that time. Later that day, I sent the e-mail below, with attachments, to resolve the issues expressed in Brian's letter from July.

It appears that somehow in Brian's re-assignment, someone has dropped the ball. This application should have been processed long ago. I have attached my proposed amendments that I originally sent on August 4 to this e-mail and am requesting that you process this application next week. I have also attached my August 4 e-mail for your convenience.

If you or Clay have any questions regarding this application, do not hesitate to contact me by e-mail or the phone number below.



**Luke H. Marchant**

Holden, Kidwell, Hahn & Crapo, P.L.L.C.

1000 Riverwalk Drive, Suite 200

P.O. Box 50130

Idaho Falls, Idaho 83405

Phone: (208) 523-0620

Fax: (208) 523-9518

Email: [lmarchant@holdenlegal.com](mailto:lmarchant@holdenlegal.com)

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---

**From:** Palmer, Cherie [<mailto:Cherie.Palmer@idwr.idaho.gov>]  
**Sent:** Friday, September 05, 2014 12:10 PM  
**To:** Luke Marchant  
**Cc:** Webster, Clay  
**Subject:** RE: South Interchange Properties, LLC Application to Rent Water

Luke,

Thank you for your email. Brian has been re-assigned and was not able to complete the processing of this rental. The rental will resume processing by either myself or Clay Webster.

One item I want to mention as a deficiency on your new rental proposal; water right 35-7534B is already fully committed to another party. No water is available under water right 35-7534B to be rented under that water right.

You may want to consider the water rights Brian suggested in his previous letter to you. A more thorough review of the application and your options will be done within the next week or so.

Sincerely,

*Cherie Palmer, Water Rights Supervisor  
Idaho Dept of Water Resources  
Water Allocation Bureau  
322 E. Front Street (Front St. & Broadway Ave)  
Mail: PO BOX 83720 Boise, ID 83720-0098  
email: [cherie.palmer@idwr.idaho.gov](mailto:cherie.palmer@idwr.idaho.gov)  
phone: (208) 287-4944  
fax: (208) 287-6700*

---

**From:** Ragan, Brian  
**Sent:** Thursday, September 04, 2014 11:50 AM  
**To:** Palmer, Cherie  
**Subject:** FW: South Interchange Properties, LLC Application to Rent Water

This is one of the uncompleted rentals I passed onto you. Would you mind responding please?

Brian Ragan  
IDWR UIC Program

---

**From:** Luke Marchant [<mailto:lmarchant@holdenlegal.com>]  
**Sent:** Thursday, September 04, 2014 11:41 AM  
**To:** Ragan, Brian  
**Subject:** South Interchange Properties, LLC Application to Rent Water

Brian,

Can you give me an update on the status of the rental application that I submitted for South Interchange properties? It has been a month since I submitted the revised application below, and I haven't heard anything.

Thanks.



**Luke H. Marchant**

Holden, Kidwell, Hahn & Crapo, P.L.L.C.  
1000 Riverwalk Drive, Suite 200  
P.O. Box 50130  
Idaho Falls, Idaho 83405  
Phone: (208) 523-0620  
Fax: (208) 523-9518  
Email: [lmarchant@holdenlegal.com](mailto:lmarchant@holdenlegal.com)

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---

**From:** Luke Marchant

**Sent:** Monday, August 04, 2014 3:05 PM

**To:** 'brian.ragan@idwr.idaho.gov'

**Subject:** South Interchange Properties, LLC Application to Rent Water

Brian,

As I discussed over the phone with you, I am submitting amended attachments for the Application to Rent Water that I previously submitted for South Interchange Properties, LLC. In the original application, we requested to rent Water Right Nos. 35-7534B, 25-14381, 25-14383, and 25-14385. You indicated in your letter to me that 35-7534B is no longer available, and the other water rights are only available through the remainder of this year. I have searched other water rights available for rental and have determined that Water Right No. 35-13997 will meet South Interchange Properties' needs. I have rerun the ESPAM Transfer Tool, and have attached the updated model results, mitigation analysis, and GIS maps to this e-mail. I have also attached the shapefile of the proposed place of use that you requested.

If you have any questions, or need additional information, do not hesitate to contact me.

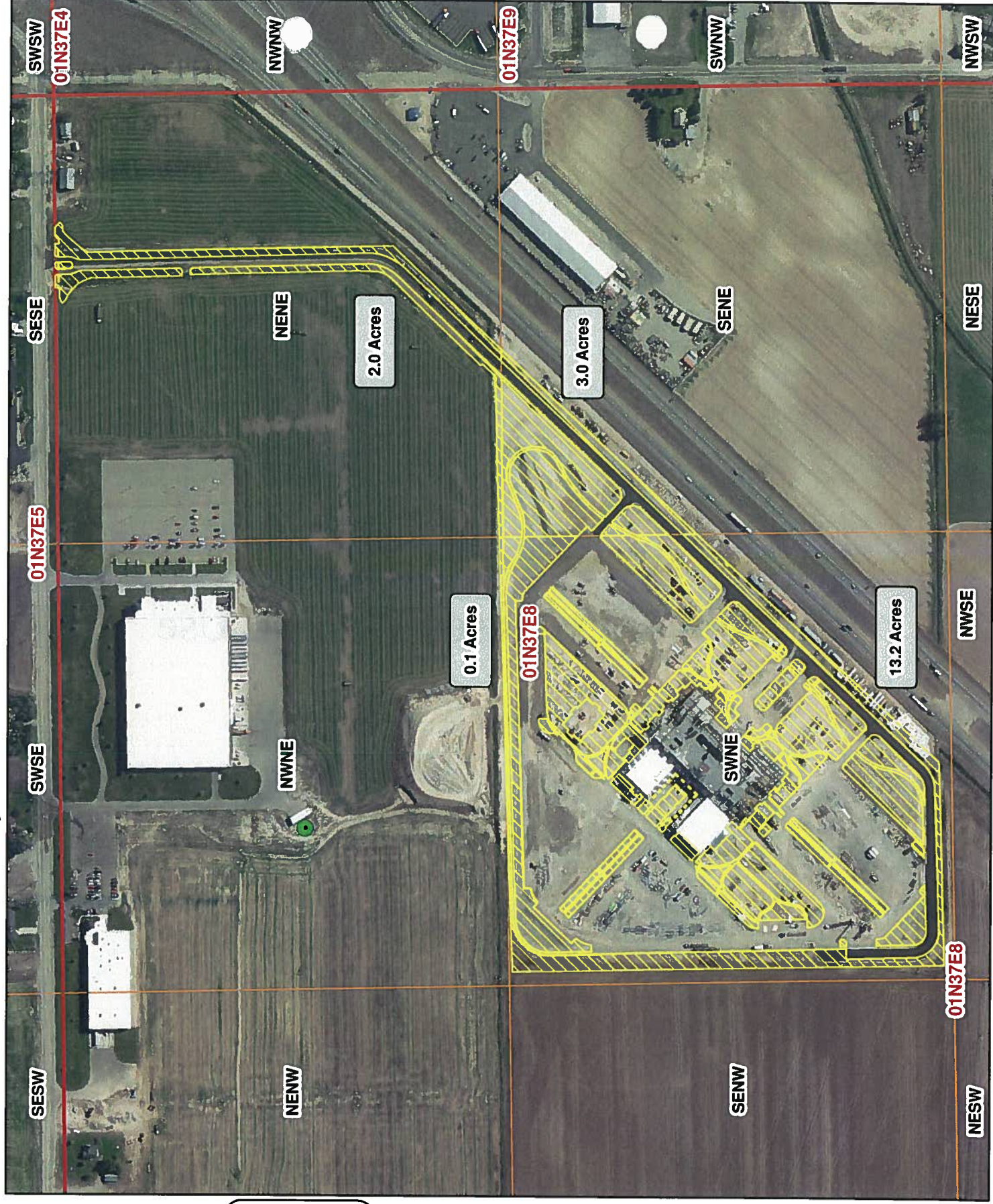
Thanks.



**Luke H. Marchant**

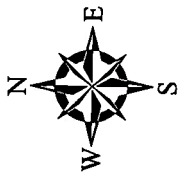
Holden, Kidwell, Hahn & Crapo, P.L.L.C.  
1000 Riverwalk Drive, Suite 200  
P.O. Box 50130  
Idaho Falls, Idaho 83405  
Phone: (208) 523-0620  
Fax: (208) 523-9518  
Email: [lmarchant@holdenlegal.com](mailto:lmarchant@holdenlegal.com)

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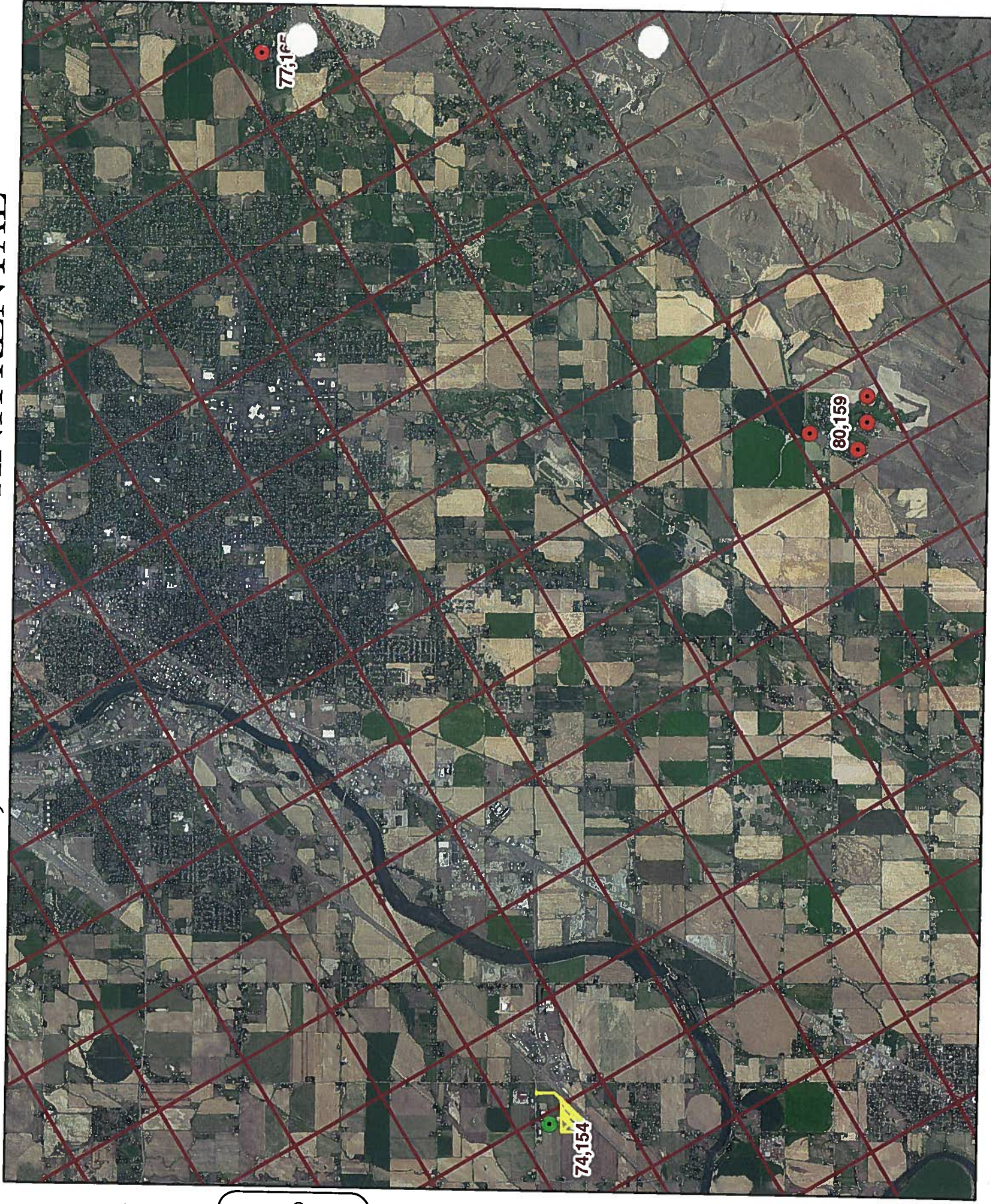
Prepared by:  
Luke H. Marchant  
08/04/2014

# SOUTH INTERCHANGE, LLC WATER BANK RENTAL



**Legend**

- From Wells
- Proposed POD
- POU
- Model Grid



2013 NAIP Photo



Prepared by:  
Luke H. Marchant  
09/09/2014

**Attachment 3**

**Groundwater Transfer Tool:**

**Data Entry**

|          |   |   |   |    |    |   |   |
|----------|---|---|---|----|----|---|---|
| SPR 1966 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1966 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1966 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1967 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1967 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1967 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1968 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1968 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1968 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1969 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1969 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1969 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1970 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1970 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1970 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1971 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1971 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1971 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1972 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1972 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1972 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1973 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1973 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1973 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1974 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1974 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1974 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1975 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1975 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1975 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1976 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1976 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1976 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1977 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1977 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1977 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1978 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1978 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1978 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1979 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1979 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1979 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1980 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1980 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1980 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1981 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1981 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1981 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1982 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1982 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1982 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1983 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1983 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1983 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1984 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1984 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1984 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1985 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1985 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1985 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1986 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1986 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1986 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1987 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1987 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1987 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1988 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1988 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1988 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1989 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1989 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 1989 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 1990 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 1990 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |

|          |   |   |   |    |    |   |   |
|----------|---|---|---|----|----|---|---|
| SUM 2015 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2015 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2016 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2016 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2016 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2017 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2017 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2017 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2018 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2018 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2018 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2019 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2019 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2019 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2020 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2020 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2020 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2021 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2021 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2021 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2022 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2022 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2022 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2023 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2023 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2023 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2024 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2024 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2024 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2025 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2025 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2025 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2026 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2026 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2026 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2027 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2027 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2027 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2028 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2028 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2028 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2029 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2029 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2029 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2030 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2030 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2030 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2031 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2031 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2031 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2032 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2032 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2032 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2033 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2033 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2033 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2034 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2034 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2034 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2035 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2035 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2035 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2036 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2036 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2036 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2037 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2037 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2037 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2038 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2038 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2038 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2039 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2039 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2039 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |

|          |   |   |   |    |    |   |   |
|----------|---|---|---|----|----|---|---|
| WIN 2064 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2065 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2065 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2065 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2066 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2066 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2066 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2067 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2067 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2067 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2068 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2068 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2068 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2069 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2069 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2069 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2070 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2070 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2070 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2071 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2071 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2071 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2072 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2072 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2072 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2073 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2073 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2073 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2074 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2074 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2074 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2075 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2075 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2075 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2076 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2076 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2076 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2077 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2077 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2077 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2078 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2078 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2078 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2079 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2079 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2079 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2080 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2080 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2080 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2081 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2081 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2081 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2082 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2082 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2082 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2083 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2083 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2083 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2084 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2084 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2084 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2085 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2085 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2085 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2086 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2086 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2086 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2087 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2087 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2087 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2088 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SUM 2088 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| WIN 2088 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |
| SPR 2089 | 0 | 5 | 5 | 20 | 20 | 0 | 0 |

**Attachment 4**

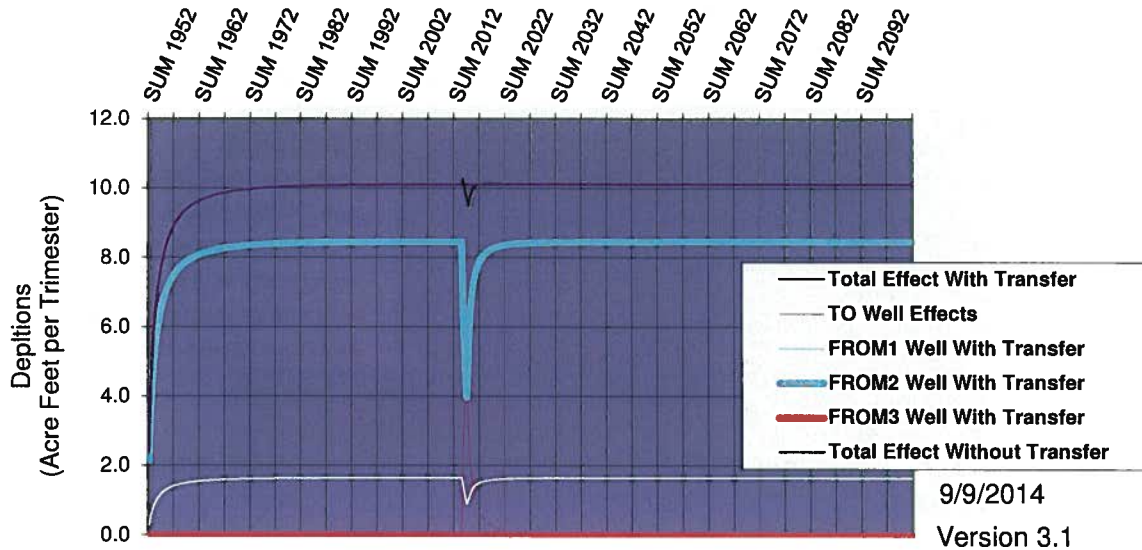
**Groundwater Transfer Tool:**

**Graphs above Milner**

### Hydrologic Response--Shelley to Near Blackfoot

Customer Name: S.

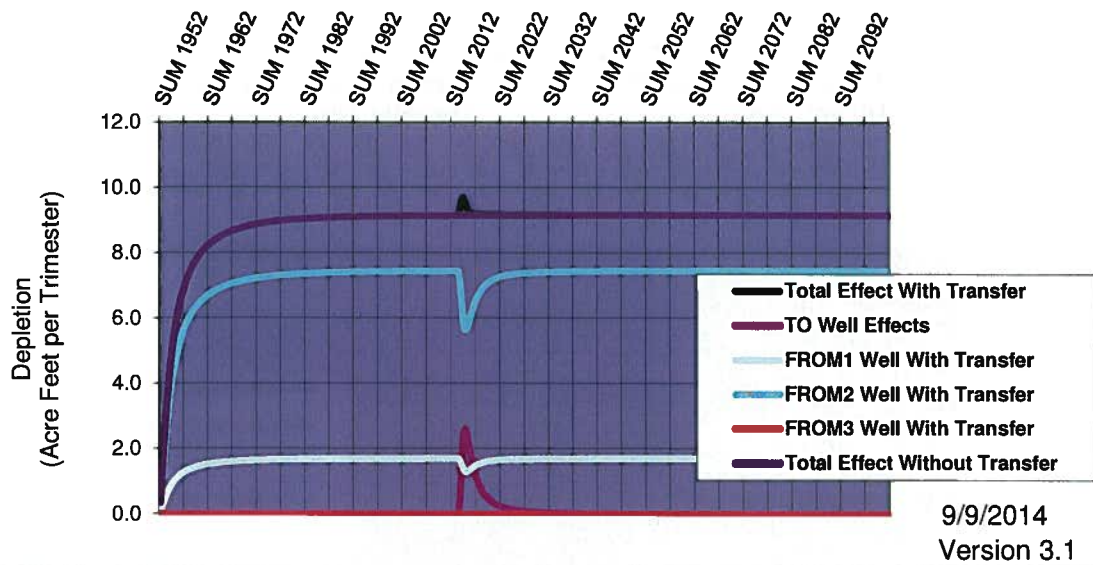
Transfer No:



### Hydrologic Response-- Near Blackfoot to Neeley

Customer Name: S.

Transfer No:



**Attachment 5**

**Groundwater Transfer Tool:**

**Change Ratio**

[illegible]

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SPR 2028 | 0.002417 | 0.001377 | 0.002885 | 0.00573  | 0.000524 | 0.000816 | 0.000318 | 0.000202 | 2.23E-05 | 0.000193 | 6.98E-06 |
| SUM 2028 | 0.002347 | 0.001327 | 0.002746 | 0.005465 | 0.000505 | 0.000793 | 0.000309 | 0.000196 | 2.17E-05 | 0.000187 | 6.79E-06 |
| WIN 2028 | 0.002277 | 0.001278 | 0.002617 | 0.005214 | 0.000487 | 0.00077  | 0.0003   | 0.00019  | 2.1E-05  | 0.000182 | 6.6E-06  |
| SPR 2029 | 0.002208 | 0.00123  | 0.002494 | 0.004978 | 0.00047  | 0.000748 | 0.000291 | 0.000185 | 2.04E-05 | 0.000176 | 6.42E-06 |
| SUM 2029 | 0.002141 | 0.001184 | 0.002378 | 0.004755 | 0.000453 | 0.000727 | 0.000283 | 0.00018  | 1.98E-05 | 0.000171 | 6.24E-06 |
| WIN 2029 | 0.002074 | 0.00114  | 0.002268 | 0.004544 | 0.000437 | 0.000706 | 0.000274 | 0.000174 | 1.93E-05 | 0.000166 | 6.07E-06 |
| SPR 2030 | 0.002008 | 0.001097 | 0.002165 | 0.004344 | 0.000422 | 0.000685 | 0.000266 | 0.000169 | 1.87E-05 | 0.000161 | 5.91E-06 |
| SUM 2030 | 0.001944 | 0.001056 | 0.002067 | 0.004155 | 0.000408 | 0.000665 | 0.000259 | 0.000164 | 1.81E-05 | 0.000157 | 5.74E-06 |
| WIN 2030 | 0.001881 | 0.001016 | 0.001974 | 0.003975 | 0.000394 | 0.000646 | 0.000251 | 0.000159 | 1.76E-05 | 0.000152 | 5.59E-06 |
| SPR 2031 | 0.00182  | 0.000978 | 0.001886 | 0.003804 | 0.000381 | 0.000627 | 0.000244 | 0.000155 | 1.71E-05 | 0.000147 | 5.43E-06 |
| SUM 2031 | 0.00176  | 0.000941 | 0.001803 | 0.003643 | 0.000368 | 0.000609 | 0.000236 | 0.00015  | 1.66E-05 | 0.000143 | 5.29E-06 |
| WIN 2031 | 0.001702 | 0.000906 | 0.001724 | 0.003489 | 0.000355 | 0.000591 | 0.000229 | 0.000146 | 1.61E-05 | 0.000139 | 5.14E-06 |
| SPR 2032 | 0.001645 | 0.000872 | 0.001649 | 0.003343 | 0.000343 | 0.000574 | 0.000223 | 0.000141 | 1.56E-05 | 0.000135 | 5E-06    |
| SUM 2032 | 0.001589 | 0.000839 | 0.001577 | 0.003204 | 0.000332 | 0.000557 | 0.000216 | 0.000137 | 1.51E-05 | 0.000131 | 4.87E-06 |
| WIN 2032 | 0.001536 | 0.000807 | 0.001551 | 0.003072 | 0.000321 | 0.000541 | 0.00021  | 0.000133 | 1.47E-05 | 0.000127 | 4.73E-06 |
| SPR 2033 | 0.001483 | 0.000777 | 0.001446 | 0.002946 | 0.00031  | 0.000525 | 0.000203 | 0.000129 | 1.42E-05 | 0.000123 | 4.61E-06 |
| SUM 2033 | 0.001432 | 0.000747 | 0.001386 | 0.002827 | 0.0003   | 0.000509 | 0.000197 | 0.000125 | 1.38E-05 | 0.000119 | 4.48E-06 |
| WIN 2033 | 0.001383 | 0.000719 | 0.001327 | 0.002713 | 0.000291 | 0.000494 | 0.000191 | 0.000121 | 1.34E-05 | 0.000116 | 4.36E-06 |
| SPR 2034 | 0.001335 | 0.000692 | 0.001272 | 0.002604 | 0.000281 | 0.00048  | 0.000186 | 0.000118 | 1.3E-05  | 0.000112 | 4.25E-06 |
| SUM 2034 | 0.001289 | 0.000666 | 0.001219 | 0.0025   | 0.000272 | 0.000466 | 0.00018  | 0.000114 | 1.26E-05 | 0.000109 | 4.14E-06 |
| WIN 2034 | 0.001244 | 0.000641 | 0.00117  | 0.002402 | 0.000263 | 0.000452 | 0.000175 | 0.000111 | 1.22E-05 | 0.000106 | 4.03E-06 |
| SPR 2035 | 0.0012   | 0.000617 | 0.001122 | 0.002307 | 0.000255 | 0.000439 | 0.00017  | 0.000108 | 1.19E-05 | 0.000102 | 3.92E-06 |
| SUM 2035 | 0.001158 | 0.000594 | 0.001076 | 0.002217 | 0.000247 | 0.000426 | 0.000165 | 0.000104 | 1.15E-05 | 9.94E-05 | 3.82E-06 |
| WIN 2035 | 0.001117 | 0.000571 | 0.001033 | 0.002131 | 0.000239 | 0.000413 | 0.00016  | 0.000101 | 1.12E-05 | 9.64E-05 | 3.72E-06 |
| SPR 2036 | 0.001078 | 0.00055  | 0.000991 | 0.002048 | 0.000231 | 0.000401 | 0.000155 | 9.83E-05 | 1.09E-05 | 9.35E-05 | 3.62E-06 |
| SUM 2036 | 0.00104  | 0.000529 | 0.000952 | 0.00197  | 0.000224 | 0.00039  | 0.00015  | 9.54E-05 | 1.05E-05 | 9.07E-05 | 3.53E-06 |
| WIN 2036 | 0.001003 | 0.000509 | 0.000914 | 0.001895 | 0.000217 | 0.000378 | 0.000146 | 9.26E-05 | 1.02E-05 | 8.8E-05  | 3.44E-06 |
| SPR 2037 | 0.000967 | 0.00049  | 0.000878 | 0.001822 | 0.00021  | 0.000367 | 0.000142 | 8.98E-05 | 9.91E-06 | 8.54E-05 | 3.35E-06 |
| SUM 2037 | 0.000933 | 0.000472 | 0.000843 | 0.001754 | 0.000204 | 0.000356 | 0.000137 | 8.72E-05 | 9.62E-06 | 8.29E-05 | 3.27E-06 |
| WIN 2037 | 0.0009   | 0.000454 | 0.00081  | 0.001687 | 0.000197 | 0.000346 | 0.000133 | 8.46E-05 | 9.34E-06 | 8.04E-05 | 3.19E-06 |
| SPR 2038 | 0.000868 | 0.000437 | 0.000779 | 0.001625 | 0.000191 | 0.000336 | 0.000129 | 8.21E-05 | 9.06E-06 | 7.8E-05  | 3.11E-06 |
| SUM 2038 | 0.000837 | 0.000421 | 0.000749 | 0.001564 | 0.000185 | 0.000326 | 0.000126 | 7.97E-05 | 8.79E-06 | 7.57E-05 | 3.03E-06 |
| WIN 2038 | 0.000807 | 0.000405 | 0.00072  | 0.001506 | 0.00018  | 0.000317 | 0.000122 | 7.73E-05 | 8.53E-06 | 7.35E-05 | 2.95E-06 |
| SPR 2039 | 0.000778 | 0.00039  | 0.000693 | 0.001451 | 0.000174 | 0.000308 | 0.000118 | 7.51E-05 | 8.28E-06 | 7.13E-05 | 2.88E-06 |
| SUM 2039 | 0.00075  | 0.000375 | 0.000665 | 0.001398 | 0.000169 | 0.000299 | 0.000115 | 7.29E-05 | 8.04E-06 | 6.92E-05 | 2.81E-06 |
| WIN 2039 | 0.000723 | 0.000361 | 0.00064  | 0.001347 | 0.000164 | 0.00029  | 0.000112 | 7.07E-05 | 7.8E-06  | 6.72E-05 | 2.74E-06 |
| SPR 2040 | 0.000697 | 0.000348 | 0.000616 | 0.001298 | 0.000159 | 0.000282 | 0.000108 | 6.87E-05 | 7.57E-06 | 6.52E-05 | 2.68E-06 |
| SUM 2040 | 0.000672 | 0.000335 | 0.000593 | 0.001251 | 0.000154 | 0.000274 | 0.000105 | 6.67E-05 | 7.35E-06 | 6.33E-05 | 2.61E-06 |
| WIN 2040 | 0.000648 | 0.000323 | 0.000571 | 0.001206 | 0.00015  | 0.000266 | 0.000102 | 6.47E-05 | 7.14E-06 | 6.14E-05 | 2.55E-06 |
| SPR 2041 | 0.000624 | 0.000311 | 0.00055  | 0.001163 | 0.000145 | 0.000258 | 9.92E-05 | 6.28E-05 | 6.93E-06 | 5.97E-05 | 2.49E-06 |
| SUM 2041 | 0.000602 | 0.000299 | 0.00053  | 0.001121 | 0.000141 | 0.000251 | 9.63E-05 | 6.1E-05  | 6.73E-06 | 5.79E-05 | 2.43E-06 |
| WIN 2041 | 0.00058  | 0.000288 | 0.00051  | 0.001082 | 0.000137 | 0.000244 | 9.35E-05 | 5.93E-05 | 6.53E-06 | 5.62E-05 | 2.37E-06 |
| SPR 2042 | 0.00056  | 0.000277 | 0.000491 | 0.001044 | 0.000133 | 0.000237 | 9.08E-05 | 5.76E-05 | 6.35E-06 | 5.46E-05 | 2.32E-06 |
| SUM 2042 | 0.00054  | 0.000267 | 0.000473 | 0.001007 | 0.000129 | 0.00023  | 8.82E-05 | 5.59E-05 | 6.16E-06 | 5.3E-05  | 2.26E-06 |
| WIN 2042 | 0.00052  | 0.000258 | 0.000456 | 0.000971 | 0.000125 | 0.000223 | 8.57E-05 | 5.43E-05 | 5.99E-06 | 5.15E-05 | 2.21E-06 |
| SPR 2043 | 0.000502 | 0.000248 | 0.00044  | 0.000938 | 0.000121 | 0.000217 | 8.32E-05 | 5.27E-05 | 5.81E-06 | 5E-05    | 2.16E-06 |
| SUM 2043 | 0.000484 | 0.000239 | 0.000424 | 0.000905 | 0.000118 | 0.000211 | 8.09E-05 | 5.12E-05 | 5.65E-06 | 4.86E-05 | 2.11E-06 |
| WIN 2043 | 0.000466 | 0.00023  | 0.000409 | 0.000874 | 0.000114 | 0.000205 | 7.86E-05 | 4.98E-05 | 5.49E-06 | 4.72E-05 | 2.06E-06 |
| SPR 2044 | 0.00045  | 0.000222 | 0.000394 | 0.000844 | 0.000111 | 0.000199 | 7.63E-05 | 4.84E-05 | 5.33E-06 | 4.58E-05 | 2.02E-06 |
| SUM 2044 | 0.000433 | 0.000214 | 0.000379 | 0.000815 | 0.000108 | 0.000194 | 7.42E-05 | 4.7E-05  | 5.18E-06 | 4.45E-05 | 1.97E-06 |
| WIN 2044 | 0.000418 | 0.000206 | 0.000366 | 0.000787 | 0.000105 | 0.000188 | 7.21E-05 | 4.57E-05 | 5.03E-06 | 4.33E-05 | 1.93E-06 |
| SPR 2045 | 0.000403 | 0.000199 | 0.000352 | 0.000761 | 0.000102 | 0.000183 | 7.01E-05 | 4.44E-05 | 4.89E-06 | 4.2E-05  | 1.88E-06 |
| SUM 2045 | 0.000389 | 0.000192 | 0.00034  | 0.000735 | 9.9E-05  | 0.000178 | 6.81E-05 | 4.31E-05 | 4.75E-06 | 4.09E-05 | 1.84E-06 |
| WIN 2045 | 0.000375 | 0.000185 | 0.000329 | 0.00071  | 9.62E-05 | 0.000173 | 6.62E-05 | 4.19E-05 | 4.62E-06 | 3.97E-05 | 1.8E-06  |
| SPR 2046 | 0.000362 | 0.000178 | 0.000318 | 0.000685 | 9.35E-05 | 0.000168 | 6.43E-05 | 4.08E-05 | 4.49E-06 | 3.86E-05 | 1.76E-06 |
| SUM 2046 | 0.000349 | 0.000172 | 0.000307 | 0.000662 | 9.08E-05 | 0.000164 | 6.26E-05 | 3.96E-05 | 4.36E-06 | 3.75E-05 | 1.72E-06 |
| WIN 2046 | 0.000336 | 0.000166 | 0.000295 | 0.00064  | 8.83E-05 | 0.000159 | 6.08E-05 | 3.85E-05 | 4.24E-06 | 3.65E-05 | 1.69E-06 |
| SPR 2047 | 0.000324 | 0.00016  | 0.000285 | 0.000619 | 8.59E-05 | 0.000155 | 5.91E-05 | 3.75E-05 | 4.12E-06 | 3.54E-05 | 1.65E-06 |
| SUM 2047 | 0.000313 | 0.000154 | 0.000275 | 0.000599 | 8.35E-05 | 0.000151 | 5.75E-05 | 3.64E-05 | 4.01E-06 | 3.45E-05 | 1.61E-06 |
| WIN 2047 | 0.000302 | 0.000148 | 0.000266 | 0.000579 | 8.12E-05 | 0.000147 | 5.59E-05 | 3.54E-05 | 3.9E-06  | 3.35E-05 | 1.58E-06 |
| SPR 2048 | 0.000291 | 0.000143 | 0.000257 | 0.00056  | 7.9E-05  | 0.000143 | 5.44E-05 | 3.45E-05 | 3.79E-06 | 3.26E-05 | 1.54E-06 |
| SUM 2048 | 0.000281 | 0.000138 | 0.000248 | 0.000542 | 7.68E-05 | 0.000139 | 5.29E-05 | 3.35E-05 | 3.69E-06 | 3.17E-05 | 1.51E-06 |
| WIN 2048 | 0.000271 | 0.000133 | 0.000239 | 0.000524 | 7.47E-05 | 0.000135 | 5.15E-05 | 3.26E-05 | 3.59E-06 | 3.08E-05 | 1.48E-06 |
| SPR 2049 | 0.000261 | 0.000129 | 0.000232 | 0.000507 | 7.27E-05 | 0.000132 | 5.01E-05 | 3.17E-05 | 3.49E-06 | 3E-05    | 1.45E-06 |
| SUM 2049 | 0.000252 | 0.000124 | 0.000224 | 0.000491 | 7.08E-05 | 0.000128 | 4.87E-05 | 3.09E-05 | 3.4E-06  | 2.92E-05 | 1.42E-06 |
| WIN 2049 | 0.000243 | 0.000119 | 0.000216 | 0.000475 | 6.89E-05 | 0.000125 | 4.74E-05 | 3E-05    | 3.31E-06 | 2.84E-05 | 1.39E-06 |
| SPR 2050 | 0.000235 | 0.000115 | 0.000208 | 0.00046  | 6.7E-05  | 0.000121 | 4.62E-05 | 2.92E-05 | 3.22E-06 | 2.76E-05 | 1.36E-06 |
| SUM 2050 | 0.000227 | 0.000111 | 0.000201 | 0.000445 | 6.53E-05 | 0.000118 | 4.49E-05 | 2.84E-05 | 3.13E-06 | 2.69E-05 | 1.33E-06 |
| WIN 2050 | 0.000219 | 0.000108 | 0.000194 | 0.000431 | 6.35E-05 | 0.000115 | 4.37E-05 | 2.77E-05 | 3.05E-06 | 2.62E-05 | 1.3E-06  |
| SPR 2051 | 0.000211 | 0.000104 | 0.000188 | 0.000417 | 6.19E-05 | 0.000112 | 4.26E-05 | 2.7E-05  | 2.97E-06 | 2.55E-05 | 1.28E-06 |
| SUM 2051 | 0.000204 | 1E-04    | 0.000181 | 0.000404 | 6.03E-05 | 0.000109 | 4.15E-05 | 2.62E-05 | 2.89E-06 | 2.48E-05 | 1.25E-06 |
| WIN 2051 | 0.000197 | 9.63E-05 | 0.000176 | 0.000391 | 5.87E-05 | 0.000106 | 4.04E-05 | 2.56E-05 | 2.81E-06 | 2.41E-05 | 1.23E-06 |
| SPR 2052 | 0.00019  | 9.3E-05  | 0.00017  | 0.000379 | 5.72E-05 | 0.000104 | 3.93E-05 | 2.49E-05 | 2.74E-06 | 2.35E-05 | 1.2E-06  |
| SUM 2052 | 0.000183 | 8.98E-05 | 0.000165 | 0.000367 | 5.57E-05 | 0.000101 | 3.83E-05 | 2.42E-05 | 2.67E-06 | 2.29E-05 | 1.18E-06 |
| WIN 2052 | 0.000177 | 8.68E-05 | 0.000159 | 0.000355 | 5.43E-05 | 9.83E-05 | 3.73E-05 | 2.36E-05 | 2.6E-06  | 2.23E-05 | 1.15E-06 |
| SPR 2053 | 0.000171 | 8.38E-05 | 0.000154 | 0.000345 | 5.29E-05 | 9.58E-05 | 3.63E-05 | 2.3E-05  | 2.53E-06 | 2.17E-05 | 1.13E-06 |
| SUM 2053 | 0.000165 | 8.09E-05 | 0.000149 | 0.000334 | 5.15E-05 | 9.34E-05 | 3.54E-05 | 2.24E-05 | 2.46E-06 | 2.11E-05 | 1.11E-06 |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SPR 2077 | 1.95E-05 | 9.28E-06 | 2.11E-05 | 5.44E-05 | 1.22E-05 | 2.15E-05 | 7.92E-06 | 4.99E-06 | 5.45E-07 | 4.64E-06 | 3.02E-07 |
| SUM 2077 | 1.9E-05  | 8.92E-06 | 2.05E-05 | 5.32E-05 | 1.2E-05  | 2.11E-05 | 7.8E-06  | 4.92E-06 | 5.37E-07 | 4.57E-06 | 2.97E-07 |
| WIN 2077 | 1.86E-05 | 8.65E-06 | 1.99E-05 | 5.17E-05 | 1.18E-05 | 2.08E-05 | 7.67E-06 | 4.84E-06 | 5.29E-07 | 4.49E-06 | 2.92E-07 |
| SPR 2078 | 1.81E-05 | 8.48E-06 | 1.96E-05 | 5.06E-05 | 1.16E-05 | 2.05E-05 | 7.55E-06 | 4.76E-06 | 5.2E-07  | 4.42E-06 | 2.88E-07 |
| SUM 2078 | 1.76E-05 | 8.4E-06  | 1.94E-05 | 4.98E-05 | 1.14E-05 | 2.02E-05 | 7.44E-06 | 4.69E-06 | 5.12E-07 | 4.35E-06 | 2.83E-07 |
| WIN 2078 | 1.72E-05 | 8.36E-06 | 1.83E-05 | 4.92E-05 | 1.13E-05 | 1.99E-05 | 7.33E-06 | 4.61E-06 | 5.04E-07 | 4.28E-06 | 2.78E-07 |
| SPR 2079 | 1.68E-05 | 8.16E-06 | 1.82E-05 | 4.84E-05 | 1.11E-05 | 1.96E-05 | 7.22E-06 | 4.54E-06 | 4.96E-07 | 4.22E-06 | 2.74E-07 |
| SUM 2079 | 1.64E-05 | 7.98E-06 | 1.84E-05 | 4.74E-05 | 1.1E-05  | 1.93E-05 | 7.11E-06 | 4.47E-06 | 4.89E-07 | 4.15E-06 | 2.69E-07 |
| WIN 2079 | 1.61E-05 | 7.64E-06 | 1.87E-05 | 4.63E-05 | 1.08E-05 | 1.9E-05  | 7E-06    | 4.41E-06 | 4.81E-07 | 4.09E-06 | 2.65E-07 |
| SPR 2080 | 1.57E-05 | 7.62E-06 | 1.82E-05 | 4.54E-05 | 1.07E-05 | 1.88E-05 | 6.89E-06 | 4.34E-06 | 4.74E-07 | 4.03E-06 | 2.61E-07 |
| SUM 2080 | 1.54E-05 | 7.43E-06 | 1.75E-05 | 4.46E-05 | 1.05E-05 | 1.85E-05 | 6.79E-06 | 4.28E-06 | 4.67E-07 | 3.97E-06 | 2.57E-07 |
| WIN 2080 | 1.51E-05 | 7.32E-06 | 1.7E-05  | 4.42E-05 | 1.04E-05 | 1.82E-05 | 6.69E-06 | 4.21E-06 | 4.6E-07  | 3.91E-06 | 2.52E-07 |
| SPR 2081 | 1.47E-05 | 7.21E-06 | 1.66E-05 | 4.34E-05 | 1.02E-05 | 1.8E-05  | 6.6E-06  | 4.15E-06 | 4.53E-07 | 3.85E-06 | 2.48E-07 |
| SUM 2081 | 1.44E-05 | 7.18E-06 | 1.65E-05 | 4.28E-05 | 1.01E-05 | 1.77E-05 | 6.51E-06 | 4.1E-06  | 4.46E-07 | 3.79E-06 | 2.44E-07 |
| WIN 2081 | 1.42E-05 | 7.2E-06  | 1.64E-05 | 4.19E-05 | 9.92E-06 | 1.75E-05 | 6.41E-06 | 4.04E-06 | 4.4E-07  | 3.74E-06 | 2.41E-07 |
| SPR 2082 | 1.39E-05 | 7.05E-06 | 1.64E-05 | 4.13E-05 | 9.79E-06 | 1.72E-05 | 6.32E-06 | 3.98E-06 | 4.34E-07 | 3.68E-06 | 2.37E-07 |
| SUM 2082 | 1.36E-05 | 6.96E-06 | 1.54E-05 | 4.04E-05 | 9.66E-06 | 1.7E-05  | 6.23E-06 | 3.92E-06 | 4.28E-07 | 3.63E-06 | 2.33E-07 |
| WIN 2082 | 1.34E-05 | 6.63E-06 | 1.46E-05 | 3.95E-05 | 9.53E-06 | 1.67E-05 | 6.15E-06 | 3.87E-06 | 4.22E-07 | 3.58E-06 | 2.29E-07 |
| SPR 2083 | 1.31E-05 | 6.35E-06 | 1.39E-05 | 3.89E-05 | 9.41E-06 | 1.65E-05 | 6.06E-06 | 3.82E-06 | 4.16E-07 | 3.53E-06 | 2.26E-07 |
| SUM 2083 | 1.29E-05 | 6.13E-06 | 1.42E-05 | 3.85E-05 | 9.29E-06 | 1.63E-05 | 5.98E-06 | 3.76E-06 | 4.1E-07  | 3.48E-06 | 2.22E-07 |
| WIN 2083 | 1.26E-05 | 6.2E-06  | 1.45E-05 | 3.83E-05 | 9.17E-06 | 1.61E-05 | 5.9E-06  | 3.72E-06 | 4.04E-07 | 3.44E-06 | 2.19E-07 |
| SPR 2084 | 1.25E-05 | 6.08E-06 | 1.4E-05  | 3.77E-05 | 9.06E-06 | 1.59E-05 | 5.82E-06 | 3.67E-06 | 3.99E-07 | 3.39E-06 | 2.15E-07 |
| SUM 2084 | 1.21E-05 | 5.95E-06 | 1.35E-05 | 3.72E-05 | 8.95E-06 | 1.57E-05 | 5.74E-06 | 3.62E-06 | 3.94E-07 | 3.34E-06 | 2.12E-07 |
| WIN 2084 | 1.19E-05 | 5.69E-06 | 1.31E-05 | 3.65E-05 | 8.84E-06 | 1.55E-05 | 5.67E-06 | 3.57E-06 | 3.89E-07 | 3.3E-06  | 2.09E-07 |
| SPR 2085 | 1.17E-05 | 5.65E-06 | 1.37E-05 | 3.6E-05  | 8.72E-06 | 1.53E-05 | 5.59E-06 | 3.52E-06 | 3.84E-07 | 3.25E-06 | 2.06E-07 |
| SUM 2085 | 1.15E-05 | 5.47E-06 | 1.35E-05 | 3.51E-05 | 8.61E-06 | 1.51E-05 | 5.52E-06 | 3.47E-06 | 3.79E-07 | 3.21E-06 | 2.03E-07 |
| WIN 2085 | 1.12E-05 | 5.52E-06 | 1.33E-05 | 3.43E-05 | 8.5E-06  | 1.49E-05 | 5.44E-06 | 3.43E-06 | 3.74E-07 | 3.17E-06 | 1.99E-07 |
| SPR 2086 | 1.1E-05  | 5.36E-06 | 1.22E-05 | 3.41E-05 | 8.4E-06  | 1.47E-05 | 5.37E-06 | 3.38E-06 | 3.69E-07 | 3.13E-06 | 1.96E-07 |
| SUM 2086 | 1.09E-05 | 5.19E-06 | 1.21E-05 | 3.35E-05 | 8.31E-06 | 1.45E-05 | 5.3E-06  | 3.34E-06 | 3.64E-07 | 3.09E-06 | 1.93E-07 |
| WIN 2086 | 1.07E-05 | 5.11E-06 | 1.2E-05  | 3.3E-05  | 8.2E-06  | 1.43E-05 | 5.24E-06 | 3.29E-06 | 3.59E-07 | 3.05E-06 | 1.91E-07 |
| SPR 2087 | 1.05E-05 | 5.08E-06 | 1.19E-05 | 3.22E-05 | 8.1E-06  | 1.41E-05 | 5.17E-06 | 3.25E-06 | 3.55E-07 | 3.01E-06 | 1.88E-07 |
| SUM 2087 | 1.02E-05 | 5.07E-06 | 1.2E-05  | 3.21E-05 | 8E-06    | 1.4E-05  | 5.11E-06 | 3.22E-06 | 3.5E-07  | 2.97E-06 | 1.85E-07 |
| WIN 2087 | 1.01E-05 | 4.8E-06  | 1.11E-05 | 3.19E-05 | 7.91E-06 | 1.38E-05 | 5.04E-06 | 3.18E-06 | 3.46E-07 | 2.94E-06 | 1.82E-07 |
| SPR 2088 | 9.92E-06 | 4.57E-06 | 1.13E-05 | 3.15E-05 | 7.81E-06 | 1.36E-05 | 4.98E-06 | 3.14E-06 | 3.42E-07 | 2.9E-06  | 1.79E-07 |
| SUM 2088 | 9.8E-06  | 4.6E-06  | 1.05E-05 | 3.12E-05 | 7.72E-06 | 1.35E-05 | 4.93E-06 | 3.1E-06  | 3.38E-07 | 2.86E-06 | 1.77E-07 |
| WIN 2088 | 9.62E-06 | 4.67E-06 | 1.08E-05 | 3.06E-05 | 7.63E-06 | 1.33E-05 | 4.86E-06 | 3.06E-06 | 3.34E-07 | 2.83E-06 | 1.74E-07 |
| SPR 2089 | 9.48E-06 | 4.76E-06 | 1.02E-05 | 3.04E-05 | 7.54E-06 | 1.32E-05 | 4.81E-06 | 3.02E-06 | 3.3E-07  | 2.79E-06 | 1.72E-07 |
| SUM 2089 | 9.39E-06 | 4.65E-06 | 1.05E-05 | 2.99E-05 | 7.45E-06 | 1.3E-05  | 4.75E-06 | 2.99E-06 | 3.26E-07 | 2.76E-06 | 1.69E-07 |
| WIN 2089 | 9.22E-06 | 4.56E-06 | 1E-05    | 2.95E-05 | 7.37E-06 | 1.29E-05 | 4.7E-06  | 2.95E-06 | 3.22E-07 | 2.73E-06 | 1.67E-07 |
| SPR 2090 | 9.1E-06  | 4.5E-06  | 1.05E-05 | 2.86E-05 | 7.28E-06 | 1.27E-05 | 4.64E-06 | 2.92E-06 | 3.18E-07 | 2.7E-06  | 1.64E-07 |
| SUM 2090 | 8.91E-06 | 4.47E-06 | 1E-05    | 2.83E-05 | 7.19E-06 | 1.25E-05 | 4.58E-06 | 2.89E-06 | 3.14E-07 | 2.67E-06 | 1.62E-07 |
| WIN 2090 | 8.77E-06 | 4.46E-06 | 1.05E-05 | 2.81E-05 | 7.11E-06 | 1.24E-05 | 4.53E-06 | 2.85E-06 | 3.1E-07  | 2.64E-06 | 1.6E-07  |
| SPR 2091 | 8.66E-06 | 4.23E-06 | 1E-05    | 2.81E-05 | 7.04E-06 | 1.23E-05 | 4.48E-06 | 2.82E-06 | 3.07E-07 | 2.6E-06  | 1.57E-07 |
| SUM 2091 | 8.47E-06 | 4.03E-06 | 1.05E-05 | 2.76E-05 | 6.96E-06 | 1.21E-05 | 4.42E-06 | 2.78E-06 | 3.04E-07 | 2.57E-06 | 1.55E-07 |
| WIN 2091 | 8.3E-06  | 3.8E-06  | 1.03E-05 | 2.73E-05 | 6.88E-06 | 1.2E-05  | 4.37E-06 | 2.75E-06 | 3E-07    | 2.54E-06 | 1.53E-07 |
| SPR 2092 | 8.2E-06  | 3.82E-06 | 9.92E-06 | 2.7E-05  | 6.81E-06 | 1.19E-05 | 4.33E-06 | 2.72E-06 | 2.96E-07 | 2.51E-06 | 1.51E-07 |
| SUM 2092 | 8.12E-06 | 3.86E-06 | 9.62E-06 | 2.68E-05 | 6.74E-06 | 1.17E-05 | 4.28E-06 | 2.69E-06 | 2.93E-07 | 2.48E-06 | 1.48E-07 |
| WIN 2092 | 7.96E-06 | 3.99E-06 | 9.34E-06 | 2.66E-05 | 6.67E-06 | 1.16E-05 | 4.24E-06 | 2.66E-06 | 2.9E-07  | 2.45E-06 | 1.46E-07 |
| SPR 2093 | 7.82E-06 | 3.89E-06 | 9.23E-06 | 2.6E-05  | 6.59E-06 | 1.15E-05 | 4.19E-06 | 2.63E-06 | 2.86E-07 | 2.43E-06 | 1.44E-07 |
| SUM 2093 | 7.71E-06 | 3.76E-06 | 9.03E-06 | 2.54E-05 | 6.53E-06 | 1.14E-05 | 4.14E-06 | 2.6E-06  | 2.84E-07 | 2.4E-06  | 1.42E-07 |
| WIN 2093 | 7.64E-06 | 3.64E-06 | 8.86E-06 | 2.5E-05  | 6.46E-06 | 1.12E-05 | 4.09E-06 | 2.57E-06 | 2.81E-07 | 2.38E-06 | 1.4E-07  |
| SPR 2094 | 7.49E-06 | 3.54E-06 | 8.6E-06  | 2.51E-05 | 6.39E-06 | 1.11E-05 | 4.05E-06 | 2.55E-06 | 2.78E-07 | 2.35E-06 | 1.38E-07 |
| SUM 2094 | 7.37E-06 | 3.46E-06 | 8.5E-06  | 2.47E-05 | 6.31E-06 | 1.1E-05  | 4.01E-06 | 2.52E-06 | 2.75E-07 | 2.33E-06 | 1.37E-07 |
| WIN 2094 | 7.29E-06 | 3.39E-06 | 8.43E-06 | 2.44E-05 | 6.25E-06 | 1.09E-05 | 3.97E-06 | 2.49E-06 | 2.72E-07 | 2.3E-06  | 1.35E-07 |
| SPR 2095 | 7.24E-06 | 3.58E-06 | 8.38E-06 | 2.41E-05 | 6.19E-06 | 1.08E-05 | 3.92E-06 | 2.47E-06 | 2.69E-07 | 2.27E-06 | 1.33E-07 |
| SUM 2095 | 7.19E-06 | 3.55E-06 | 8.37E-06 | 2.4E-05  | 6.13E-06 | 1.06E-05 | 3.88E-06 | 2.44E-06 | 2.66E-07 | 2.25E-06 | 1.31E-07 |
| WIN 2095 | 7.06E-06 | 3.53E-06 | 8.27E-06 | 2.39E-05 | 6.07E-06 | 1.05E-05 | 3.84E-06 | 2.42E-06 | 2.63E-07 | 2.23E-06 | 1.29E-07 |
| SPR 2096 | 6.95E-06 | 3.23E-06 | 8.31E-06 | 2.34E-05 | 6.02E-06 | 1.04E-05 | 3.8E-06  | 2.39E-06 | 2.6E-07  | 2.21E-06 | 1.27E-07 |
| SUM 2096 | 6.88E-06 | 3.24E-06 | 8.25E-06 | 2.34E-05 | 5.97E-06 | 1.03E-05 | 3.76E-06 | 2.36E-06 | 2.58E-07 | 2.18E-06 | 1.26E-07 |
| WIN 2096 | 6.83E-06 | 3.2E-06  | 8.35E-06 | 2.3E-05  | 5.9E-06  | 1.02E-05 | 3.72E-06 | 2.34E-06 | 2.55E-07 | 2.16E-06 | 1.24E-07 |
| SPR 2097 | 6.78E-06 | 3.24E-06 | 8.34E-06 | 2.26E-05 | 5.84E-06 | 1.01E-05 | 3.68E-06 | 2.32E-06 | 2.52E-07 | 2.14E-06 | 1.22E-07 |
| SUM 2097 | 6.64E-06 | 3.29E-06 | 7.53E-06 | 2.23E-05 | 5.77E-06 | 1E-05    | 3.64E-06 | 2.29E-06 | 2.5E-07  | 2.12E-06 | 1.21E-07 |
| WIN 2097 | 6.53E-06 | 3.12E-06 | 7.58E-06 | 2.2E-05  | 5.71E-06 | 9.91E-06 | 3.61E-06 | 2.27E-06 | 2.47E-07 | 2.09E-06 | 1.19E-07 |
| SPR 2098 | 6.43E-06 | 3.19E-06 | 7.76E-06 | 2.21E-05 | 5.65E-06 | 9.82E-06 | 3.58E-06 | 2.25E-06 | 2.45E-07 | 2.07E-06 | 1.18E-07 |
| SUM 2098 | 6.37E-06 | 2.98E-06 | 7.85E-06 | 2.19E-05 | 5.59E-06 | 9.72E-06 | 3.54E-06 | 2.22E-06 | 2.42E-07 | 2.05E-06 | 1.16E-07 |
| WIN 2098 | 6.3E-06  | 3.08E-06 | 7.13E-06 | 2.18E-05 | 5.54E-06 | 9.62E-06 | 3.5E-06  | 2.2E-06  | 2.4E-07  | 2.03E-06 | 1.15E-07 |
| SPR 2099 | 6.13E-06 | 2.89E-06 | 7.26E-06 | 2.13E-05 | 5.5E-06  | 9.52E-06 | 3.47E-06 | 2.18E-06 | 2.38E-07 | 2.01E-06 | 1.13E-07 |
| SUM 2099 | 6.1E-06  | 2.95E-06 | 7.53E-06 | 2.11E-05 | 5.45E-06 | 9.43E-06 | 3.43E-06 | 2.16E-06 | 2.35E-07 | 1.99E-06 | 1.12E-07 |
| WIN 2099 | 6.09E-06 | 2.78E-06 | 7.7E-06  | 2.1E-05  | 5.4E-06  | 9.34E-06 | 3.4E-06  | 2.14E-06 | 2.33E-07 | 1.97E-06 | 1.1E-07  |
| SPR 2100 | 6.11E-06 | 2.86E-06 | 7.06E-06 | 2.1E-05  | 5.35E-06 | 9.24E-06 | 3.37E-06 | 2.12E-06 | 2.3E-07  | 1.95E-06 | 1.09E-07 |
| SUM 2100 | 6.02E-06 | 2.77E-06 | 7.27E-06 | 2.05E-05 | 5.31E-06 | 9.15E-06 | 3.34E-06 | 2.1E-06  | 2.28E-07 | 1.93E-06 | 1.07E-07 |
| WIN 2100 | 5.96E-06 | 2.87E-06 | 7.49E-06 | 2.01E-05 | 5.25E-06 | 9.06E-06 | 3.3E-06  | 2.08E-06 | 2.26E-07 | 1.91E-06 | 1.06E-07 |
| SPR 2101 | 5.91E-06 | 2.8E-06  | 7.73E-06 | 1.98E-05 | 5.2E-06  | 8.98E-06 | 3.27E-06 | 2.06E-06 | 2.24E-07 | 1.9E-06  | 1.05E-07 |
| SUM 2101 | 5.88E-06 | 2.92E-06 | 7.04E-06 | 1.95E-05 | 5.14E-06 | 8.91E-06 | 3.24E-06 | 2.04E-06 | 2.22E-07 | 1.87E-06 | 1.03E-07 |
| WIN 2101 | 5.75E-06 | 2.8E-06  | 6.48E-06 | 1.93E-05 | 5.09E-06 | 8.83E-06 | 3.22E-06 | 2.02E-06 | 2.2E-07  | 1.86E-06 | 1.02E-07 |
| SPR 2102 | 5.61E-06 | 2.7E-06  | 6.77E-06 | 1.95E-05 | 5.05E-06 | 8.74E-06 | 3.18E-06 | 2E-06    | 2.18E-07 | 1.84E-06 | 1.01E-07 |

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[illegible]

[illegible]

| WR No. | Div. Rate<br>(CES) | Cont. Vol.<br>(AFA) | No. of Irr.<br>Acres | Priority<br>Date | POD<br>Location | Dedicated Vol.<br>AFA/ AFT | Model<br>Node |
|--------|--------------------|---------------------|----------------------|------------------|-----------------|----------------------------|---------------|
|--------|--------------------|---------------------|----------------------|------------------|-----------------|----------------------------|---------------|

**Transfer 1: Input Water Flight Conditions Prior to Transfer**

| WR No. | Div. Rate<br>(CES) | Cont. Vol.<br>(AFA) | No. of Irr.<br>Acres | Priority<br>Date | POD<br>Location | Dedicated Vol.<br>AFA/ AFT | Model<br>Node |
|--------|--------------------|---------------------|----------------------|------------------|-----------------|----------------------------|---------------|
|--------|--------------------|---------------------|----------------------|------------------|-----------------|----------------------------|---------------|

[illegible][illegible]

Mitigation Check 1 - >10% of Historical:  
Mitigation Check 2: > 2 AFT:  
Mitigation Check 3 - >10% of Total:  
Mitigation Required?:  
Mitigation Vol. Req'd (ac-ft):

Mitigation Check 1 - >10% of Historical:  
Mitigation Check 2: > 2 AFT:  
Mitigation Check 3 - >10% of Total:  
Mitigation Required?:  
Mitigation Vol. Req'd (ac-ft):

| Mitigation Check 1 - > 10% of Historical:<br>Mitigation Check 2: > 2.01 AFT: | Mitigation Required?:<br>Mitigation Vol. Req'd (ac-ft): |
|------------------------------------------------------------------------------|---------------------------------------------------------|
|                                                                              |                                                         |

| Mitigation Check 1 - > 10% of Historical:<br>Mitigation Check 2: > 2.01 AFT: | Mitigation Required?:<br>Mitigation Vol. Req'd (ac-ft): |
|------------------------------------------------------------------------------|---------------------------------------------------------|
|                                                                              |                                                         |

|                      |                     |                         |              |                      |                      |                  |                      |
|----------------------|---------------------|-------------------------|--------------|----------------------|----------------------|------------------|----------------------|
| Ashton to<br>Rexburg | Heise to<br>Shelley | Shelley to<br>Nr Blckft | Nr Blckft To | Neeley to<br>Mintoka | Dev. Wbl. To<br>Buhl | Kspr to<br>Malad | Malad to<br>Bancroft |
|----------------------|---------------------|-------------------------|--------------|----------------------|----------------------|------------------|----------------------|

|                      |                     |                          |                         |                      |                      |              |                      |
|----------------------|---------------------|--------------------------|-------------------------|----------------------|----------------------|--------------|----------------------|
| Ashton to<br>Rexburg | Heise to<br>Shelley | Shelley to<br>N. Blckett | N. Blckett To<br>Neeley | Neeley to<br>Mindoka | Dev. Wbl. To<br>Buhl | Kspr<br>Kspr | Malad to<br>Bancroft |
|----------------------|---------------------|--------------------------|-------------------------|----------------------|----------------------|--------------|----------------------|

|         | Pre-SS | 2.81 | 10.12 | 9.16 | 0.22 | 0.22 | 0.09 | 0.05 | 0.01 | 0.05 | 0.00 |
|---------|--------|------|-------|------|------|------|------|------|------|------|------|
| Post-SS | 1.65   | 2.81 | 10.12 | 9.16 | 0.22 | 0.22 | 0.09 | 0.05 | 0.01 | 0.05 | 0.00 |
|         |        |      |       |      |      |      |      |      |      |      |      |
| Pre-TS  | 1.65   | 2.81 | 10.12 | 9.16 | 0.22 | 0.22 | 0.09 | 0.05 | 0.01 | 0.05 | 0.00 |
| Post-TS | 1.65   | 2.81 | 10.25 | 9.70 | 0.22 | 0.22 | 0.09 | 0.05 | 0.01 | 0.05 | 0.00 |

[illegible][illegible]

## Ragan, Brian

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**From:** Luke Marchant [lmarchant@holdenlegal.com]  
**Sent:** Monday, August 04, 2014 3:05 PM  
**To:** Ragan, Brian  
**Subject:** South Interchange Properties, LLC Application to Rent Water  
**Attachments:** Attachment Pages.pdf; Proposed\_POU.zip

Brian,

As I discussed over the phone with you, I am submitting amended attachments for the Application to Rent Water that I previously submitted for South Interchange Properties, LLC. In the original application, we requested to rent Water Right Nos. 35-7534B, 25-14381, 25-14383, and 25-14385. You indicated in your letter to me that 35-7534B is no longer available, and the other water rights are only available through the remainder of this year. I have searched other water rights available for rental and have determined that Water Right No. 35-13997 will meet South Interchange Properties' needs. I have rerun the ESPAM Transfer Tool, and have attached the updated model results, mitigation analysis, and GIS maps to this e-mail. I have also attached the shapefile of the proposed place of use that you requested.

If you have any questions, or need additional information, do not hesitate to contact me.

Thanks.



**Luke H. Marchant**  
Holden, Kidwell, Hahn & Crapo, P.L.L.C.  
1000 Riverwalk Drive, Suite 200  
P.O. Box 50130  
Idaho Falls, Idaho 83405  
Phone: (208) 523-0620  
Fax: (208) 523-9518  
Email: [lmarchant@holdenlegal.com](mailto:lmarchant@holdenlegal.com)

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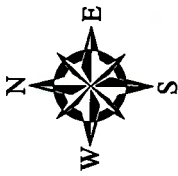
**RECEIVED**

**AUG 04 2014**

*Department of Water Resources*

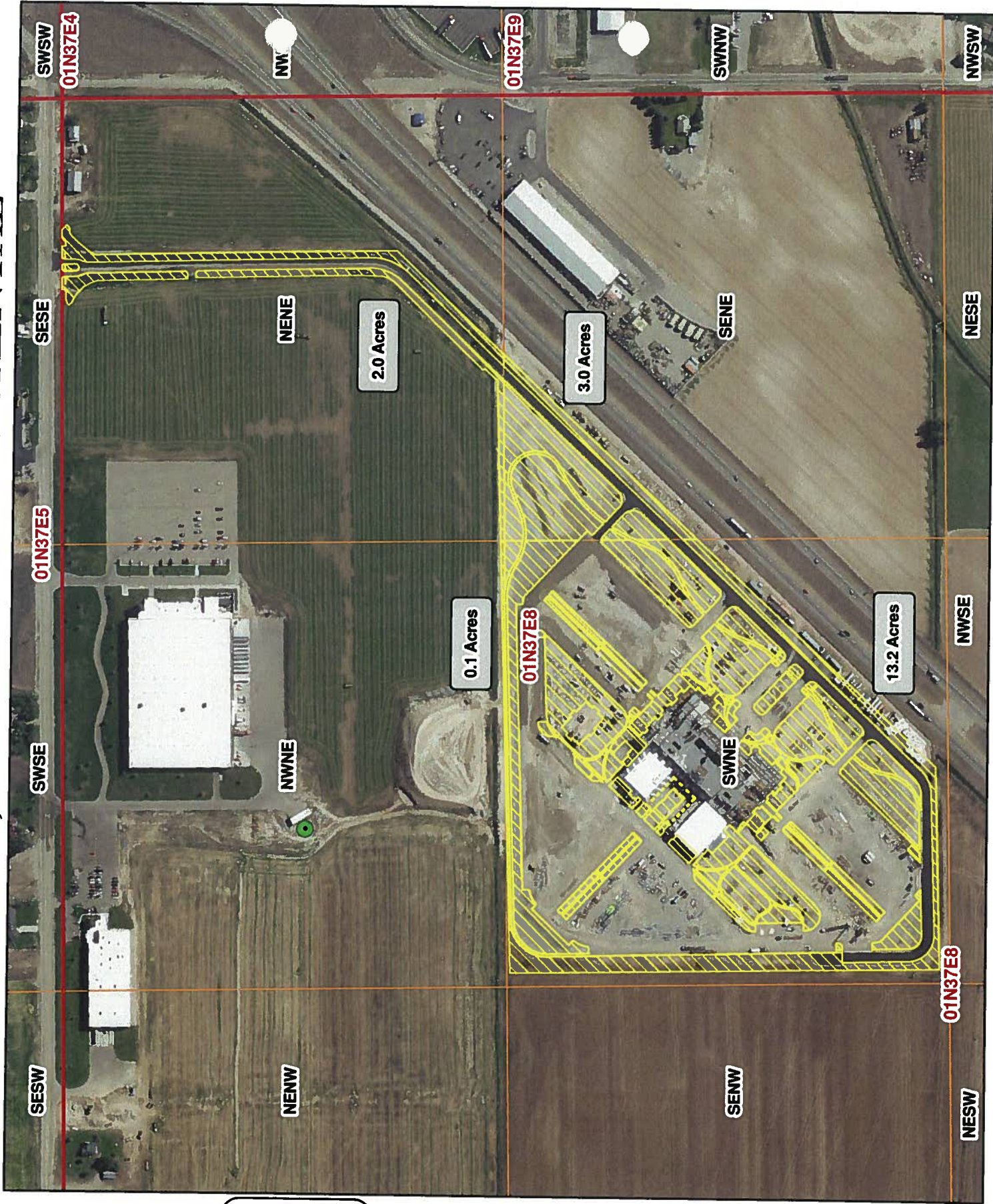
**Attachment 1**  
**Map of Proposed Place of Use**  
**And Point of Diversion**

# SOUTH INTERCHANGE, LLC WATER BANK RENTAL



## Legend

- Proposed POD
- POU
- Section Lines
- Quarter Quarters



2013 NAIP Photo



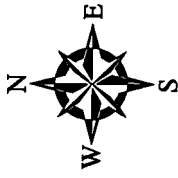
Prepared by:  
Luke H. Marchant  
08/04/2014

**Attachment 2**

**Map of Model Grid with**

**Current and Proposed PODs**

# SOUTH INTERCHANGE, LLC WATER BANK RENTAL



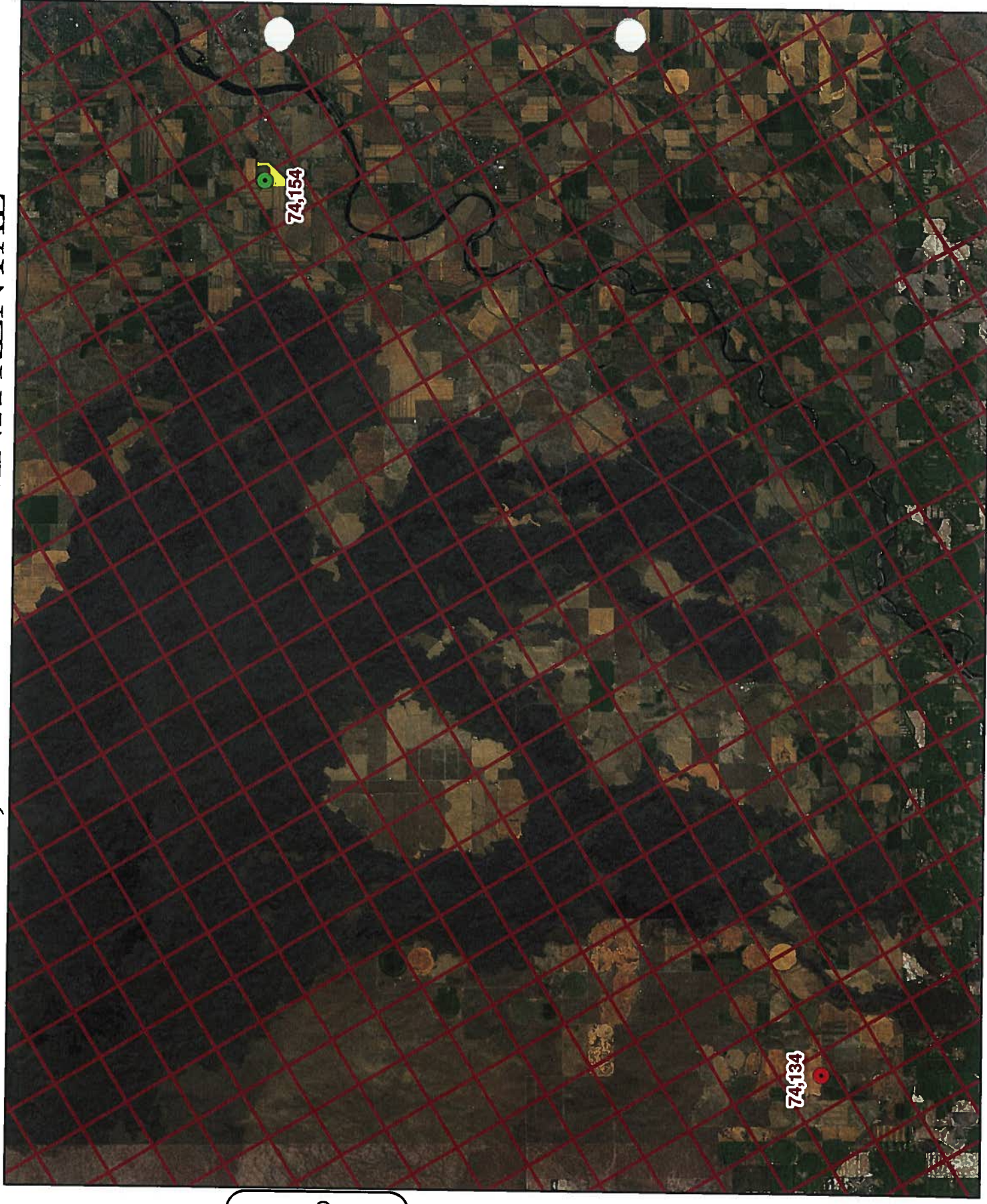
## Legend

- From Well
- Proposed POD
- POU
- Model Grid

ESRI Basemap



Prepared by:  
Luke H. Marchant  
08/04/2014



**Attachment 3**

**Groundwater Transfer Tool:**

**Data Entry**

# ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

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

YEAR 1949  
SEASON SPRING

TRANSFER NO:

TRANSFER NAME

Metaleuca

ENTER CELL LOCATIONS:

|        | 'TO' CELL | 'FROM1' CELL | 'FROM2' CELL | 'FROM3' CELL |
|--------|-----------|--------------|--------------|--------------|
| ROW    | 75        | 74           |              |              |
| COLUMN | 154       | 134          |              |              |

| TRIMESTER OF ACTIVITY | TO WELL                    | FROM1 WELL                 |                               | FROM2 WELL                 |                               | FROM3 WELL                 |                               |
|-----------------------|----------------------------|----------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|-------------------------------|
|                       | Projected Use AF/TRIMESTER | With Transfer AF/TRIMESTER | Without Transfer AF/TRIMESTER | With Transfer AF/TRIMESTER | Without Transfer AF/TRIMESTER | With Transfer AF/TRIMESTER | Without Transfer AF/TRIMESTER |
| SPR 1949              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1949              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1949              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1950              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1950              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1950              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1951              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1951              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1951              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1952              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1952              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1952              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1953              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1953              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1953              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1954              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1954              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1954              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1955              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1955              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1955              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1956              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1956              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1956              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1957              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1957              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1957              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1958              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1958              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1958              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1959              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1959              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1959              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1960              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1960              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1960              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1961              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1961              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| WIN 1961              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SPR 1962              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |
| SUM 1962              | 0                          | 24                         | 24                            | 0                          | 0                             | 0                          | 0                             |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| WIN 1962 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1963 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1963 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1963 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1964 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1964 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1964 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1965 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1965 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1965 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1966 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1966 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1966 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1967 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1967 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1967 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1968 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1968 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1968 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1969 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1969 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1969 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1970 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1970 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1970 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1971 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1971 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1971 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1972 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1972 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1972 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1973 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1973 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1973 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1974 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1974 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1974 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1975 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1975 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1975 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1976 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1976 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1976 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1977 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1977 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1977 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1978 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1978 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1978 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1979 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1979 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1979 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1980 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1980 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1980 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1981 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1981 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1981 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1982 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1982 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1982 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1983 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1983 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1983 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1984 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1984 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1984 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1985 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1985 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1985 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1986 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1986 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1986 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1987 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| SUM 1967 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1987 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1988 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1988 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1988 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1989 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1989 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1989 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1990 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1990 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1990 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1991 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1991 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1991 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1992 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1992 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1992 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1993 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1993 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1993 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1994 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1994 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1994 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1995 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1995 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1995 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1996 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1996 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1996 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1997 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1997 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1997 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1998 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1998 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1998 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 1999 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 1999 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 1999 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2000 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2000 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2000 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2001 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2001 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2001 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2002 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2002 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2002 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2003 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2003 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2003 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2004 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2004 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2004 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2005 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2005 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2005 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2006 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2006 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2006 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2007 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2007 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2007 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2008 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2008 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2008 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2009 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2009 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2009 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2010 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2010 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2010 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2011 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2011 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2011 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |

|          |    |    |    |   |   |   |   |
|----------|----|----|----|---|---|---|---|
| SPR 2012 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2012 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2012 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2013 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2013 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2013 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2014 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2014 | 24 | 0  | 24 | 0 | 0 | 0 | 0 |
| WIN 2014 | 24 | 0  | 24 | 0 | 0 | 0 | 0 |
| SPR 2015 | 24 | 0  | 24 | 0 | 0 | 0 | 0 |
| SUM 2015 | 24 | 0  | 24 | 0 | 0 | 0 | 0 |
| WIN 2015 | 24 | 0  | 24 | 0 | 0 | 0 | 0 |
| SPR 2016 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2016 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2016 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2017 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2017 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2017 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2018 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2018 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2018 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2019 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2019 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2019 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2020 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2020 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2020 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2021 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2021 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2021 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2022 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2022 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2022 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2023 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2023 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2023 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2024 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2024 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2024 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2025 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2025 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2025 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2026 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2026 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2026 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2027 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2027 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2027 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2028 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2028 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2028 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2029 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2029 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2029 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2030 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2030 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2030 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2031 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2031 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2031 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2032 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2032 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2032 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2033 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2033 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2033 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2034 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2034 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2034 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2035 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2035 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2035 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2036 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2036 | 0  | 24 | 24 | 0 | 0 | 0 | 0 |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| WIN 2036 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2037 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2037 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2037 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2038 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2038 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2038 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2039 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2039 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2039 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2040 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2040 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2040 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2041 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2041 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2041 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2042 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2042 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2042 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2043 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2043 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2043 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2044 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2044 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2044 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2045 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2045 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2045 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2046 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2046 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2046 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2047 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2047 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2047 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2048 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2048 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2048 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2049 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2049 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2049 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2050 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2050 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2050 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2051 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2051 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2051 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2052 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2052 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2052 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2053 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2053 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2053 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2054 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2054 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2054 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2055 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2055 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2055 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2056 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2056 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2056 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2057 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2057 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2057 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2058 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2058 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2058 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2059 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2059 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2059 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2060 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2060 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2060 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2061 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| SUM 2081 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2081 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2082 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2082 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2082 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2083 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2083 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2083 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2084 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2084 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2084 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2085 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2085 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2085 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2086 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2086 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2086 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2087 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2087 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2087 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2088 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2088 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2088 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2089 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2089 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2089 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2090 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2090 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2090 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2091 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2091 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2091 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2092 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2092 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2092 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2093 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2093 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2093 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2094 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2094 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2094 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2095 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2095 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2095 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2096 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2096 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2096 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2097 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2097 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2097 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2098 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2098 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2098 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2099 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2099 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2099 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2100 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2100 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2100 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2101 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2101 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2101 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2102 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2102 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2102 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2103 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2103 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2103 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2104 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2104 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2104 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2105 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2105 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2105 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |

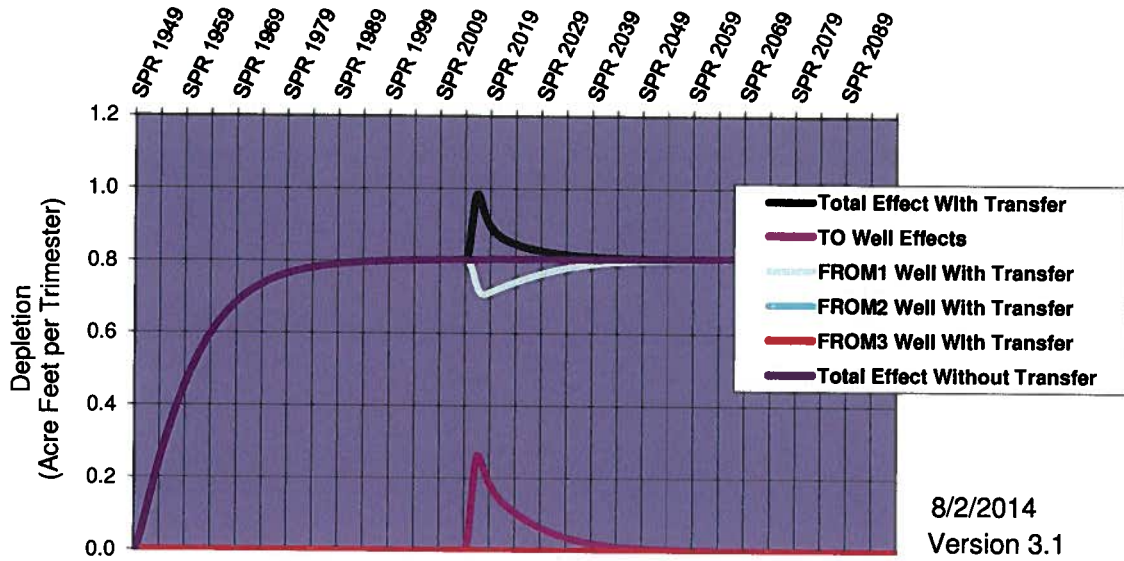
|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| SPR 2086 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2086 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2086 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2087 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2087 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2087 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2088 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2088 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2088 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2089 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2089 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2089 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2090 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2090 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2090 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2091 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2091 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2091 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2092 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2092 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2092 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2093 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2093 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2093 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2094 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2094 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2094 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2095 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2095 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2095 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2096 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2096 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2096 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2097 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2097 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2097 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SPR 2098 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| SUM 2098 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |
| WIN 2098 | 0 | 24 | 24 | 0 | 0 | 0 | 0 |

**Attachment 4**

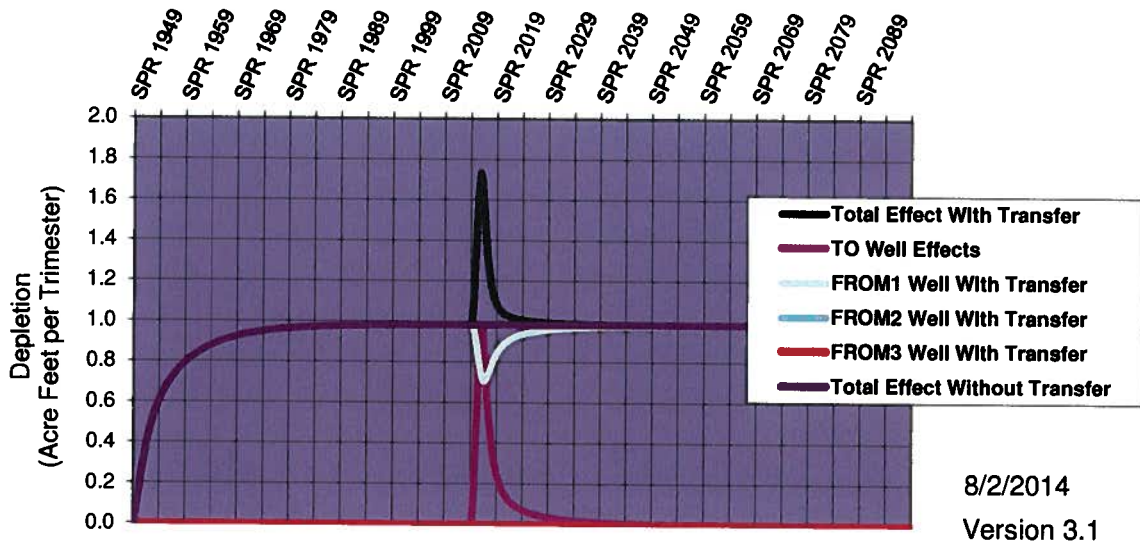
**Groundwater Transfer Tool:**

**Graphs above Milner**

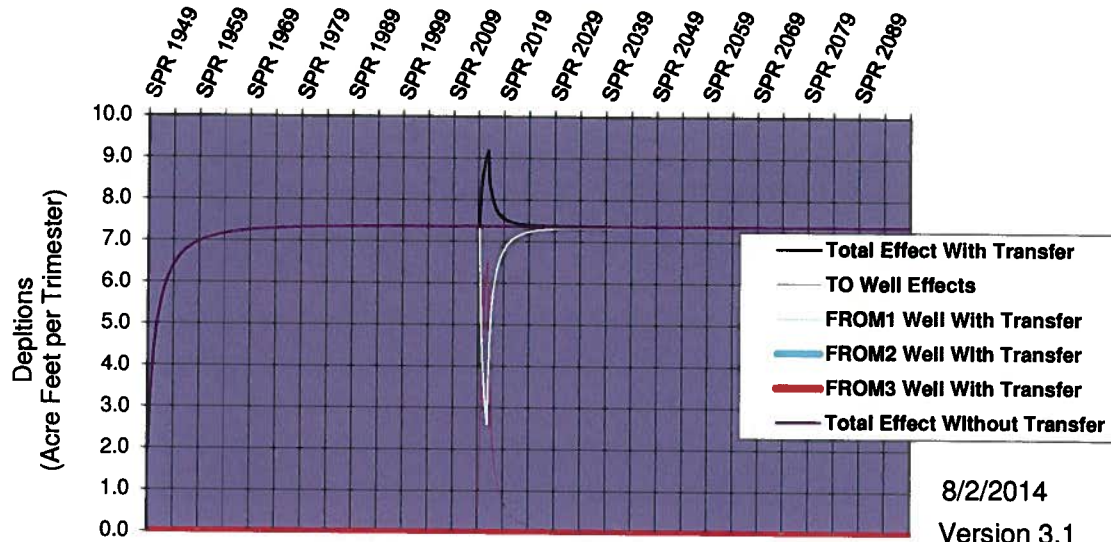
**Hydrologic Response--Ashton to Rexburg**  
**Customer Name: South**      **Transfer No:**



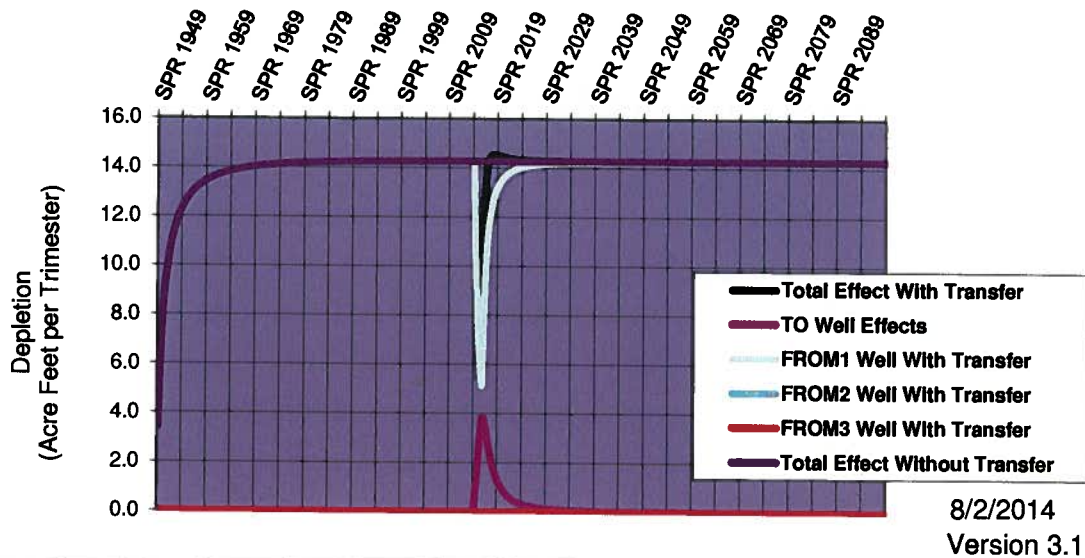
**Hydrologic Response--Heise to Shelley**  
**Customer Name: South Interchange**      **Transfer No:**



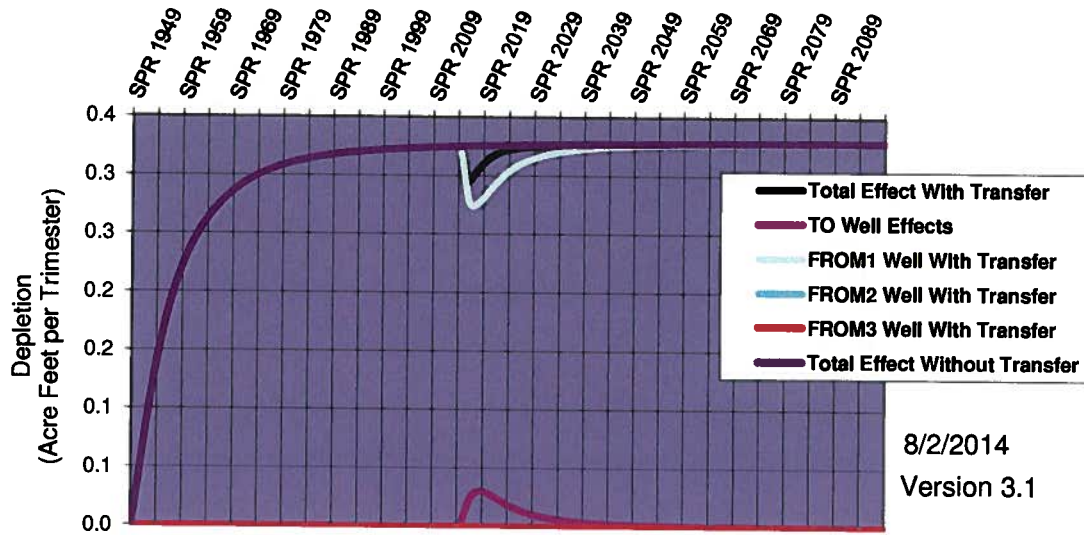
# **Hydrologic Response--Shelley to Near Blackfoot** **Customer Name: South      Transfer No:**



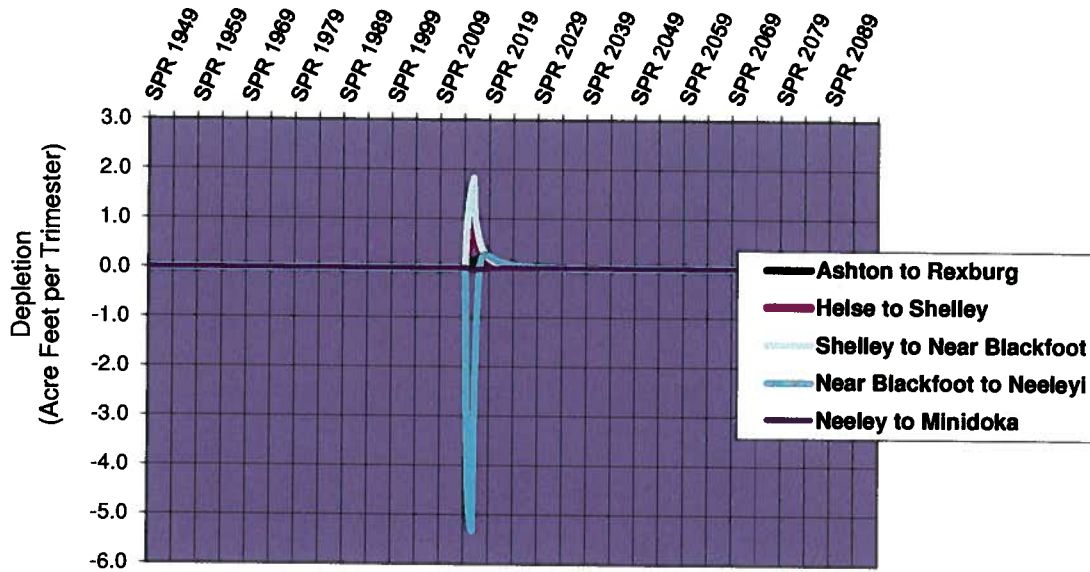
# **Hydrologic Response-- Near Blackfoot to Neeley** **Customer Name: South      Transfer No:**



**Hydrologic Response-- Neeley to Minidoka**  
**Customer Name: South Transfer No:**



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



**Customer Name: South Interchange**

**Transfer No:**

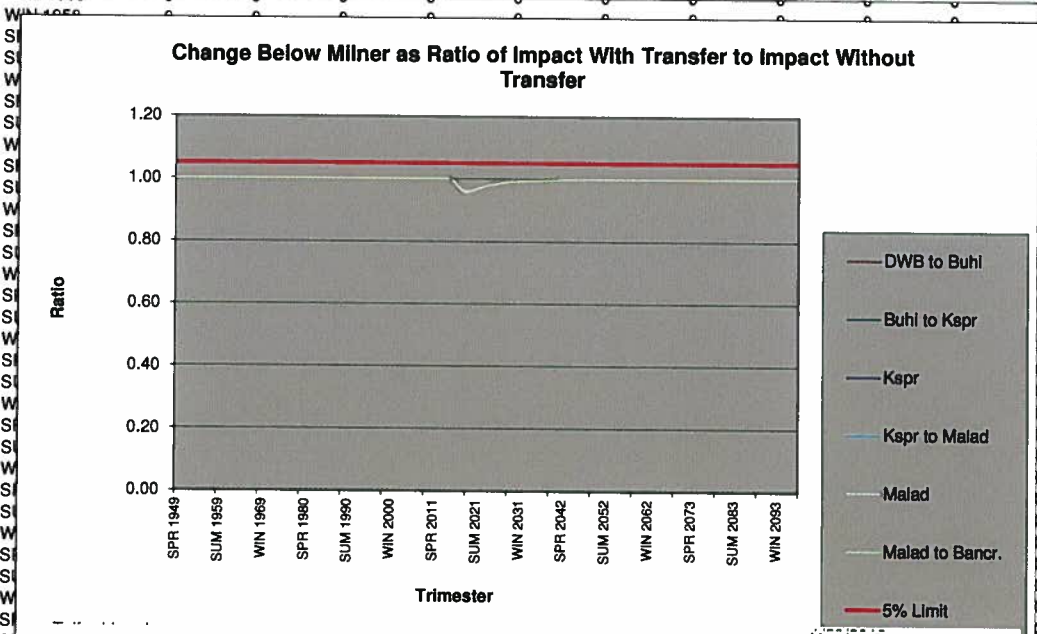
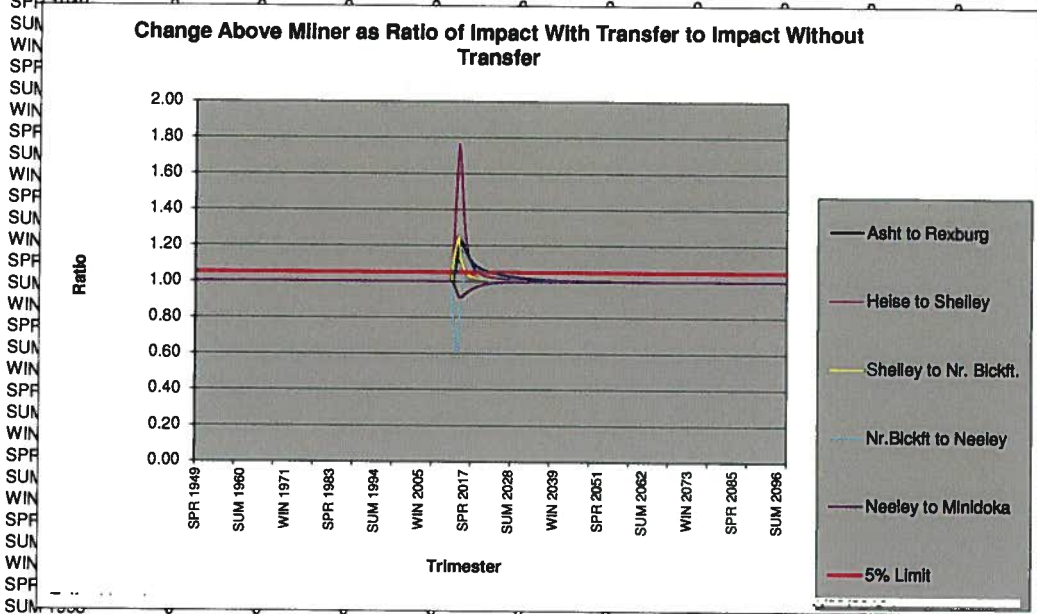
8/2/2014  
 Version 3.1

**Attachment 5**

**Groundwater Transfer Tool:**

**Change Ratio**

|        |                      |                     |                         |                        |                         |                   |                 |                          |                               |
|--------|----------------------|---------------------|-------------------------|------------------------|-------------------------|-------------------|-----------------|--------------------------|-------------------------------|
| period | Ashton to<br>Rexburg | Heise to<br>Shelley | Shelley to<br>Nr Bickft | Nr Bickft to<br>Neeley | TcNeeley to<br>Minidoka | Dev. Wbl.<br>Buhl | Buhl to<br>Kspr | Kspr<br>Kspr to<br>Malad | Malad<br>Malad to<br>Bancroft |
|--------|----------------------|---------------------|-------------------------|------------------------|-------------------------|-------------------|-----------------|--------------------------|-------------------------------|

[illegible]



|          |          |          |          |          |          |          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| SPR 1999 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1999 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1999 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2000 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2000 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2000 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2001 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2001 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2001 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2002 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2002 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2002 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2003 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2003 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2003 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2004 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2004 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2004 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2005 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2005 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2005 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2006 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2006 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2006 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2007 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2007 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2007 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2008 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2008 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2008 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2009 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2009 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2009 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2010 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2010 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2010 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2011 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2011 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2011 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2012 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2012 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2012 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2013 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2013 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2013 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2014 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2014 | 0.012848 | 0.128709 | 0.899876 | -2.79919 | -0.00352 | -4.3E-05 | -1.3E-05 | -8.4E-06 | -8.5E-07 | -7.7E-06 | -2.3E-07 |   |
| WIN 2014 | 0.041053 | 0.31439  | 1.24352  | -4.29974 | -0.00941 | -0.00023 | -7.4E-05 | -4.7E-05 | -4.8E-06 | -4.3E-05 | -1.3E-06 |   |
| SPR 2015 | 0.07843  | 0.491701 | 1.490429 | -4.97239 | -0.01591 | -0.00069 | -0.00023 | -0.00014 | -1.5E-05 | -0.00013 | -4.1E-06 |   |
| SUM 2015 | 0.118227 | 0.636477 | 1.678933 | -5.24805 | -0.02216 | -0.00151 | -0.00052 | -0.00032 | -3.4E-05 | -0.0003  | -9.4E-06 |   |
| WIN 2015 | 0.156333 | 0.747432 | 1.825555 | -5.33843 | -0.02789 | -0.00276 | -0.00096 | -0.0006  | -6.3E-05 | -0.00055 | -1.8E-05 |   |
| SPR 2016 | 0.178199 | 0.70215  | 1.042015 | -2.5432  | -0.02959 | -0.00436 | -0.00155 | -0.00097 | -0.0001  | -0.0009  | -2.9E-05 |   |
| SUM 2016 | 0.181004 | 0.57943  | 0.792439 | -1.00709 | -0.02847 | -0.00618 | -0.00223 | -0.0014  | -0.00015 | -0.00129 | -4.2E-05 |   |
| WIN 2016 | 0.17123  | 0.450362 | 0.622877 | -0.28212 | -0.02634 | -0.00802 | -0.00293 | -0.00185 | -0.0002  | -0.00171 | -5.7E-05 |   |
| SPR 2017 | 0.156116 | 0.343312 | 0.4989   | 0.051343 | -0.0241  | -0.0097  | -0.0036  | -0.00227 | -0.00024 | -0.00211 | -7E-05   |   |
| SUM 2017 | 0.140259 | 0.262512 | 0.40677  | 0.199475 | -0.02205 | -0.01109 | -0.00416 | -0.00263 | -0.00028 | -0.00245 | -8.2E-05 |   |
| WIN 2017 | 0.125781 | 0.203711 | 0.336934 | 0.258455 | -0.02019 | -0.01215 | -0.00461 | -0.00291 | -0.00032 | -0.00272 | -9.2E-05 |   |
| SPR 2018 | 0.113337 | 0.161268 | 0.282895 | 0.274011 | -0.01849 | -0.01286 | -0.00493 | -0.00312 | -0.00034 | -0.00292 | -1E-04   |   |
| SUM 2018 | 0.102899 | 0.130429 | 0.240268 | 0.268541 | -0.0169  | -0.01328 | -0.00512 | -0.00324 | -0.00035 | -0.00305 | -0.0001  |   |
| WIN 2018 | 0.094197 | 0.107705 | 0.206063 | 0.253314 | -0.01542 | -0.01343 | -0.00521 | -0.0033  | -0.00036 | -0.00311 | -0.00011 |   |
| SPR 2019 | 0.086911 | 0.090663 | 0.178209 | 0.234107 | -0.01402 | -0.01337 | -0.00521 | -0.00331 | -0.00036 | -0.00312 | -0.00011 |   |
| SUM 2019 | 0.080753 | 0.077639 | 0.155237 | 0.213895 | -0.01273 | -0.01315 | -0.00515 | -0.00327 | -0.00036 | -0.00309 | -0.00011 |   |
| WIN 2019 | 0.075486 | 0.067497 | 0.136089 | 0.194189 | -0.01152 | -0.01282 | -0.00503 | -0.00319 | -0.00035 | -0.00303 | -0.00011 |   |
| SPR 2020 | 0.070922 | 0.059454 | 0.119981 | 0.175716 | -0.01042 | -0.0124  | -0.00488 | -0.0031  | -0.00034 | -0.00295 | -0.0001  |   |
| SUM 2020 | 0.066917 | 0.052966 | 0.106327 | 0.158783 | -0.00941 | -0.01194 | -0.00471 | -0.00299 | -0.00033 | -0.00285 | -0.0001  |   |
| WIN 2020 | 0.063361 | 0.047648 | 0.094673 | 0.143465 | -0.0085  | -0.01144 | -0.00451 | -0.00287 | -0.00032 | -0.00274 | -9.7E-05 |   |
| SPR 2021 | 0.060168 | 0.043224 | 0.084667 | 0.129723 | -0.00768 | -0.01094 | -0.00432 | -0.00274 | -0.0003  | -0.00262 | -9.3E-05 |   |
| SUM 2021 | 0.057272 | 0.039494 | 0.07603  | 0.117452 | -0.00694 | -0.01042 | -0.00412 | -0.00262 | -0.00029 | -0.0025  | -8.9E-05 |   |
| WIN 2021 | 0.054623 | 0.036309 | 0.06854  | 0.106526 | -0.00629 | -0.00992 | -0.00392 | -0.00249 | -0.00028 | -0.00238 | -8.5E-05 |   |
| SPR 2022 | 0.05218  | 0.03356  | 0.062013 | 0.096807 | -0.0057  | -0.00943 | -0.00372 | -0.00237 | -0.00026 | -0.00227 | -8.1E-05 |   |
| SUM 2022 | 0.049913 | 0.031161 | 0.056303 | 0.088165 | -0.00518 | -0.00896 | -0.00354 | -0.00225 | -0.00025 | -0.00215 | -7.7E-05 |   |
| WIN 2022 | 0.047795 | 0.029049 | 0.051286 | 0.080476 | -0.00472 | -0.0085  | -0.00336 | -0.00213 | -0.00024 | -0.00205 | -7.3E-05 |   |
| SPR 2023 | 0.045808 | 0.027174 | 0.046861 | 0.073625 | -0.0043  | -0.00807 | -0.00318 | -0.00202 | -0.00022 | -0.00194 | -7E-05   |   |
| SUM 2023 | 0.043935 | 0.025495 | 0.042943 | 0.067514 | -0.00394 | -0.00765 | -0.00302 | -0.00192 | -0.00021 | -0.00184 | -6.6E-05 |   |
| WIN 2023 | 0.042162 | 0.023981 | 0.039462 | 0.06205  | -0.00361 | -0.00726 | -0.00286 | -0.00182 | -0.0002  | -0.00175 | -6.3E-05 |   |
| SPR 2024 | 0.04048  | 0.022609 | 0.036359 | 0.057156 | -0.00332 | -0.00689 | -0.00271 | -0.00172 | -0.00019 | -0.00165 | -6E-05   |   |
| SUM 2024 | 0.038879 | 0.021356 | 0.033581 | 0.052762 | -0.00306 | -0.00654 | -0.00257 | -0.00164 | -0.00018 | -0.00157 | -5.7E-05 |   |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| WIN 2024 | 0.037353 | 0.020207 | 0.031088 | 0.048807 | -0.00283 | -0.00621 | -0.00244 | -0.00155 | -0.00017 | -0.00149 | -5.4E-05 |
| SPR 2025 | 0.035894 | 0.019148 | 0.028842 | 0.045238 | -0.00263 | -0.0059  | -0.00231 | -0.00147 | -0.00016 | -0.00141 | -5.1E-05 |
| SUM 2025 | 0.034497 | 0.018168 | 0.026812 | 0.042011 | -0.00244 | -0.0056  | -0.0022  | -0.0014  | -0.00015 | -0.00134 | -4.9E-05 |
| WIN 2025 | 0.033159 | 0.017258 | 0.024972 | 0.039084 | -0.00227 | -0.00532 | -0.00209 | -0.00133 | -0.00015 | -0.00127 | -4.6E-05 |
| SPR 2026 | 0.031874 | 0.016409 | 0.0233   | 0.036423 | -0.00212 | -0.00506 | -0.00198 | -0.00126 | -0.00014 | -0.00121 | -4.4E-05 |
| SUM 2026 | 0.030641 | 0.015616 | 0.021776 | 0.033998 | -0.00199 | -0.00481 | -0.00188 | -0.0012  | -0.00013 | -0.00115 | -4.2E-05 |
| WIN 2026 | 0.029457 | 0.014872 | 0.020382 | 0.031783 | -0.00186 | -0.00458 | -0.00179 | -0.00114 | -0.00013 | -0.00109 | -4E-05   |
| SPR 2027 | 0.028317 | 0.014173 | 0.019105 | 0.029754 | -0.00175 | -0.00435 | -0.0017  | -0.00108 | -0.00012 | -0.00103 | -3.8E-05 |
| SUM 2027 | 0.027222 | 0.013515 | 0.017932 | 0.027891 | -0.00165 | -0.00414 | -0.00162 | -0.00103 | -0.00011 | -0.00098 | -3.6E-05 |
| WIN 2027 | 0.026167 | 0.012894 | 0.016852 | 0.026178 | -0.00155 | -0.00395 | -0.00154 | -0.00098 | -0.00011 | -0.00093 | -3.5E-05 |
| SPR 2028 | 0.025153 | 0.012307 | 0.015855 | 0.0246   | -0.00146 | -0.00376 | -0.00146 | -0.00093 | -0.0001  | -0.00089 | -3.3E-05 |
| SUM 2028 | 0.024176 | 0.011752 | 0.014932 | 0.023142 | -0.00138 | -0.00358 | -0.00139 | -0.00088 | -9.8E-05 | -0.00085 | -3.1E-05 |
| WIN 2028 | 0.023236 | 0.011225 | 0.014078 | 0.021793 | -0.00131 | -0.00341 | -0.00133 | -0.00084 | -9.3E-05 | -0.00081 | -3E-05   |
| SPR 2029 | 0.022331 | 0.010726 | 0.013285 | 0.020542 | -0.00124 | -0.00326 | -0.00126 | -0.0008  | -8.9E-05 | -0.00077 | -2.9E-05 |
| SUM 2029 | 0.021459 | 0.010251 | 0.012547 | 0.019381 | -0.00118 | -0.00311 | -0.0012  | -0.00076 | -8.5E-05 | -0.00073 | -2.7E-05 |
| WIN 2029 | 0.020621 | 0.0098   | 0.01186  | 0.018299 | -0.00112 | -0.00296 | -0.00115 | -0.00073 | -8.1E-05 | -0.0007  | -2.6E-05 |
| SPR 2030 | 0.019813 | 0.009371 | 0.011219 | 0.017292 | -0.00107 | -0.00283 | -0.00109 | -0.0007  | -7.7E-05 | -0.00066 | -2.5E-05 |
| SUM 2030 | 0.019036 | 0.008963 | 0.01062  | 0.016353 | -0.00101 | -0.0027  | -0.00104 | -0.00066 | -7.3E-05 | -0.00063 | -2.4E-05 |
| WIN 2030 | 0.018288 | 0.008573 | 0.01006  | 0.015475 | -0.00097 | -0.00258 | -0.001   | -0.00063 | -7E-05   | -0.0006  | -2.3E-05 |
| SPR 2031 | 0.017568 | 0.008202 | 0.009535 | 0.014654 | -0.00092 | -0.00246 | -0.00095 | -0.0006  | -6.7E-05 | -0.00058 | -2.2E-05 |
| SUM 2031 | 0.016876 | 0.007849 | 0.009043 | 0.013886 | -0.00088 | -0.00235 | -0.00091 | -0.00058 | -6.4E-05 | -0.00055 | -2.1E-05 |
| WIN 2031 | 0.016209 | 0.007511 | 0.008581 | 0.013164 | -0.00084 | -0.00225 | -0.00087 | -0.00055 | -6.1E-05 | -0.00052 | -2E-05   |
| SPR 2032 | 0.015568 | 0.007189 | 0.008147 | 0.012487 | -0.0008  | -0.00215 | -0.00083 | -0.00053 | -5.8E-05 | -0.0005  | -2E-05   |
| SUM 2032 | 0.014952 | 0.006882 | 0.007738 | 0.011851 | -0.00077 | -0.00206 | -0.00079 | -0.0005  | -5.6E-05 | -0.00048 | -1.9E-05 |
| WIN 2032 | 0.014359 | 0.006588 | 0.007353 | 0.011252 | -0.00073 | -0.00197 | -0.00076 | -0.00048 | -5.3E-05 | -0.00046 | -1.8E-05 |
| SPR 2033 | 0.013789 | 0.006307 | 0.00699  | 0.010689 | -0.0007  | -0.00189 | -0.00072 | -0.00046 | -5.1E-05 | -0.00044 | -1.7E-05 |
| SUM 2033 | 0.013241 | 0.00604  | 0.006648 | 0.010158 | -0.00067 | -0.0018  | -0.00069 | -0.00044 | -4.9E-05 | -0.00042 | -1.7E-05 |
| WIN 2033 | 0.012714 | 0.005783 | 0.006325 | 0.009657 | -0.00065 | -0.00173 | -0.00066 | -0.00042 | -4.6E-05 | -0.0004  | -1.6E-05 |
| SPR 2034 | 0.012208 | 0.005539 | 0.00602  | 0.009184 | -0.00062 | -0.00166 | -0.00063 | -0.0004  | -4.4E-05 | -0.00038 | -1.6E-05 |
| SUM 2034 | 0.011721 | 0.005305 | 0.005732 | 0.008737 | -0.00059 | -0.00159 | -0.00061 | -0.00039 | -4.3E-05 | -0.00037 | -1.5E-05 |
| WIN 2034 | 0.011254 | 0.005081 | 0.00546  | 0.008315 | -0.00057 | -0.00152 | -0.00058 | -0.00037 | -4.1E-05 | -0.00035 | -1.5E-05 |
| SPR 2035 | 0.010804 | 0.004867 | 0.005202 | 0.007917 | -0.00055 | -0.00146 | -0.00056 | -0.00035 | -3.9E-05 | -0.00034 | -1.4E-05 |
| SUM 2035 | 0.010373 | 0.004663 | 0.004958 | 0.007539 | -0.00053 | -0.0014  | -0.00053 | -0.00034 | -3.7E-05 | -0.00032 | -1.4E-05 |
| WIN 2035 | 0.009958 | 0.004467 | 0.004727 | 0.007182 | -0.00051 | -0.00134 | -0.00051 | -0.00032 | -3.6E-05 | -0.00031 | -1.3E-05 |
| SPR 2036 | 0.00956  | 0.00428  | 0.004508 | 0.006844 | -0.00049 | -0.00129 | -0.00049 | -0.00031 | -3.4E-05 | -0.00029 | -1.3E-05 |
| SUM 2036 | 0.009178 | 0.004101 | 0.0043   | 0.006523 | -0.00047 | -0.00123 | -0.00047 | -0.0003  | -3.3E-05 | -0.00028 | -1.2E-05 |
| WIN 2036 | 0.008811 | 0.003929 | 0.004102 | 0.006219 | -0.00045 | -0.00119 | -0.00045 | -0.00029 | -3.2E-05 | -0.00027 | -1.2E-05 |
| SPR 2037 | 0.008458 | 0.003766 | 0.003915 | 0.00593  | -0.00043 | -0.00114 | -0.00043 | -0.00027 | -3E-05   | -0.00026 | -1.2E-05 |
| SUM 2037 | 0.008119 | 0.003609 | 0.003737 | 0.005657 | -0.00042 | -0.00109 | -0.00042 | -0.00026 | -2.9E-05 | -0.00025 | -1.1E-05 |
| WIN 2037 | 0.007795 | 0.003459 | 0.003568 | 0.005396 | -0.0004  | -0.00105 | -0.0004  | -0.00025 | -2.8E-05 | -0.00024 | -1.1E-05 |
| SPR 2038 | 0.007483 | 0.003315 | 0.003407 | 0.005148 | -0.00039 | -0.00101 | -0.00038 | -0.00024 | -2.7E-05 | -0.00023 | -1.1E-05 |
| SUM 2038 | 0.007183 | 0.003178 | 0.003254 | 0.004913 | -0.00037 | -0.00097 | -0.00037 | -0.00023 | -2.6E-05 | -0.00022 | -1E-05   |
| WIN 2038 | 0.006896 | 0.003046 | 0.003109 | 0.00469  | -0.00036 | -0.00093 | -0.00035 | -0.00022 | -2.5E-05 | -0.00021 | -1E-05   |
| SPR 2039 | 0.00662  | 0.00292  | 0.00297  | 0.004477 | -0.00035 | -0.0009  | -0.00034 | -0.00022 | -2.4E-05 | -0.0002  | -9.7E-06 |
| SUM 2039 | 0.006355 | 0.0028   | 0.002839 | 0.004274 | -0.00034 | -0.00086 | -0.00033 | -0.00021 | -2.3E-05 | -0.0002  | -9.4E-06 |
| WIN 2039 | 0.006101 | 0.002684 | 0.002713 | 0.004081 | -0.00032 | -0.00083 | -0.00031 | -0.0002  | -2.2E-05 | -0.00019 | -9.2E-06 |
| SPR 2040 | 0.005858 | 0.002574 | 0.002594 | 0.003898 | -0.00031 | -0.0008  | -0.0003  | -0.00019 | -2.1E-05 | -0.00018 | -8.9E-06 |
| SUM 2040 | 0.005624 | 0.002468 | 0.00248  | 0.003724 | -0.0003  | -0.00077 | -0.00029 | -0.00018 | -2E-05   | -0.00017 | -8.7E-06 |
| WIN 2040 | 0.005399 | 0.002367 | 0.002372 | 0.003558 | -0.00029 | -0.00074 | -0.00028 | -0.00018 | -2E-05   | -0.00017 | -8.5E-06 |
| SPR 2041 | 0.005184 | 0.00227  | 0.002269 | 0.0034   | -0.00028 | -0.00072 | -0.00027 | -0.00017 | -1.9E-05 | -0.00016 | -8.2E-06 |
| SUM 2041 | 0.004977 | 0.002177 | 0.00217  | 0.003249 | -0.00027 | -0.00069 | -0.00026 | -0.00016 | -1.8E-05 | -0.00015 | -8E-06   |
| WIN 2041 | 0.004779 | 0.002088 | 0.002076 | 0.003105 | -0.00026 | -0.00067 | -0.00025 | -0.00016 | -1.7E-05 | -0.00015 | -7.8E-06 |
| SPR 2042 | 0.004589 | 0.002003 | 0.001987 | 0.002968 | -0.00026 | -0.00064 | -0.00024 | -0.00015 | -1.7E-05 | -0.00014 | -7.6E-06 |
| SUM 2042 | 0.004407 | 0.001922 | 0.001902 | 0.002837 | -0.00025 | -0.00062 | -0.00023 | -0.00015 | -1.6E-05 | -0.00014 | -7.5E-06 |
| WIN 2042 | 0.004232 | 0.001844 | 0.001821 | 0.002712 | -0.00024 | -0.0006  | -0.00022 | -0.00014 | -1.6E-05 | -0.00013 | -7.3E-06 |
| SPR 2043 | 0.004064 | 0.001769 | 0.001743 | 0.002593 | -0.00023 | -0.00058 | -0.00022 | -0.00014 | -1.5E-05 | -0.00013 | -7.1E-06 |
| SUM 2043 | 0.003903 | 0.001697 | 0.001668 | 0.002479 | -0.00022 | -0.00056 | -0.00021 | -0.00013 | -1.5E-05 | -0.00012 | -6.9E-06 |
| WIN 2043 | 0.003748 | 0.001629 | 0.001597 | 0.00237  | -0.00022 | -0.00054 | -0.0002  | -0.00013 | -1.4E-05 | -0.00012 | -6.8E-06 |
| SPR 2044 | 0.0036   | 0.001563 | 0.001529 | 0.002267 | -0.00021 | -0.00052 | -0.00019 | -0.00012 | -1.4E-05 | -0.00012 | -6.6E-06 |
| SUM 2044 | 0.003458 | 0.0015   | 0.001464 | 0.002168 | -0.00021 | -0.0005  | -0.00019 | -0.00012 | -1.3E-05 | -0.00011 | -6.5E-06 |
| WIN 2044 | 0.003322 | 0.00144  | 0.001403 | 0.002074 | -0.0002  | -0.00049 | -0.00018 | -0.00011 | -1.3E-05 | -0.00011 | -6.3E-06 |
| SPR 2045 | 0.003191 | 0.001382 | 0.001344 | 0.001984 | -0.00019 | -0.00047 | -0.00018 | -0.00011 | -1.2E-05 | -0.0001  | -6.2E-06 |
| SUM 2045 | 0.003066 | 0.001327 | 0.001287 | 0.001897 | -0.00019 | -0.00045 | -0.00017 | -0.00011 | -1.2E-05 | -0.0001  | -6.1E-06 |
| WIN 2045 | 0.002945 | 0.001274 | 0.001233 | 0.001814 | -0.00018 | -0.00044 | -0.00016 | -0.0001  | -1.1E-05 | -9.7E-05 | -5.9E-06 |
| SPR 2046 | 0.00283  | 0.001223 | 0.001181 | 0.001734 | -0.00018 | -0.00043 | -0.00016 | -0.0001  | -1.1E-05 | -9.4E-05 | -5.8E-06 |
| SUM 2046 | 0.002719 | 0.001174 | 0.001131 | 0.001657 | -0.00017 | -0.00041 | -0.00015 | -9.7E-05 | -1.1E-05 | -9.1E-05 | -5.7E-06 |
| WIN 2046 | 0.002613 | 0.001127 | 0.001084 | 0.001585 | -0.00017 | -0.0004  | -0.00015 | -9.4E-05 | -1E-05   | -8.8E-05 | -5.6E-06 |
| SPR 2047 | 0.002511 | 0.001083 | 0.001038 | 0.001516 | -0.00016 | -0.00039 | -0.00014 | -9.1E-05 | -1E-05   | -8.5E-05 | -5.4E-06 |
| SUM 2047 | 0.002413 | 0.00104  | 0.000995 | 0.00145  | -0.00016 | -0.00037 | -0.00014 | -8.8E-05 | -9.6E-06 | -8.2E-05 | -5.3E-06 |
| WIN 2047 | 0.002319 | 0.000999 | 0.000953 | 0.001387 | -0.00015 | -0.00036 | -0.00013 | -8.5E-05 | -9.3E-06 | -8E-05   | -5.2E-06 |
| SPR 2048 | 0.00223  | 0.000959 | 0.000913 | 0.001326 | -0.00015 | -0.00035 | -0.00013 | -8.3E-05 | -9.1E-06 | -7.7E-05 | -5.1E-06 |
| SUM 2048 | 0.002143 | 0.000921 | 0.000876 | 0.001268 | -0.00015 | -0.00034 | -0.00013 | -8E-05   | -8.8E-06 | -7.5E-05 | -5E-06   |
| WIN 2048 | 0.00206  | 0.000885 | 0.000839 | 0.001211 | -0.00014 | -0.00033 | -0.00012 | -7.8E-05 | -8.5E-06 | -7.3E-05 | -4.9E-06 |
| SPR 2049 | 0.001981 | 0.00085  | 0.000804 | 0.001158 | -0.00014 | -0.00032 | -0.00012 | -7.5E-05 | -8.2E-06 | -7E-05   | -4.8E-06 |
| SUM 2049 | 0.001905 | 0.000817 | 0.000771 | 0.001108 | -0.00014 | -0.00031 | -0.00012 | -7.3E-05 | -8E-06   | -6.8E-05 | -4.7E-06 |
| WIN 2049 | 0.001832 | 0.000785 | 0.000739 | 0.001059 | -0.00013 | -0.0003  | -0.00011 | -7.1E-05 | -7.8E-06 | -6.6E-05 | -4.6E-06 |
| SPR 2050 | 0.001762 | 0.000755 | 0.000709 | 0.001012 | -0.00013 | -0.0003  | -0.00011 | -6.9E-05 | -7.5E-06 | -6.4E-05 | -4.5E-06 |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SUM 2050 | 0.001694 | 0.000725 | 0.00068  | 0.000968 | -0.00013 | -0.00029 | -0.00011 | -6.7E-05 | -7.3E-06 | -6.2E-05 | -4.4E-06 |
| WIN 2050 | 0.00163  | 0.000697 | 0.000652 | 0.000924 | -0.00012 | -0.00028 | -0.0001  | -6.5E-05 | -7.1E-06 | -6.1E-05 | -4.4E-06 |
| SPR 2051 | 0.001588 | 0.00067  | 0.000624 | 0.000883 | -0.00012 | -0.00027 | -0.0001  | -6.3E-05 | -6.9E-06 | -5.9E-05 | -4.3E-06 |
| SUM 2051 | 0.001508 | 0.000644 | 0.000599 | 0.000844 | -0.00012 | -0.00026 | -9.7E-05 | -6.1E-05 | -6.7E-06 | -5.7E-05 | -4.2E-06 |
| WIN 2051 | 0.001451 | 0.00062  | 0.000573 | 0.000806 | -0.00012 | -0.00026 | -9.5E-05 | -6E-05   | -6.5E-06 | -5.6E-05 | -4.1E-06 |
| SPR 2052 | 0.001397 | 0.000598 | 0.00055  | 0.00077  | -0.00011 | -0.00025 | -9.2E-05 | -5.8E-05 | -6.4E-06 | -5.4E-05 | -4E-06   |
| SUM 2052 | 0.001344 | 0.000573 | 0.000527 | 0.000735 | -0.00011 | -0.00024 | -9E-05   | -5.7E-05 | -6.2E-06 | -5.3E-05 | -4E-06   |
| WIN 2052 | 0.001294 | 0.000551 | 0.000504 | 0.000702 | -0.00011 | -0.00024 | -8.7E-05 | -5.5E-05 | -6E-06   | -5.1E-05 | -3.9E-06 |
| SPR 2053 | 0.001245 | 0.00053  | 0.000483 | 0.00067  | -0.00011 | -0.00023 | -8.5E-05 | -5.4E-05 | -5.9E-06 | -5E-05   | -3.8E-06 |
| SUM 2053 | 0.001199 | 0.00051  | 0.000463 | 0.000639 | -0.0001  | -0.00023 | -8.3E-05 | -5.2E-05 | -5.7E-06 | -4.9E-05 | -3.7E-06 |
| WIN 2053 | 0.001154 | 0.00049  | 0.000444 | 0.00061  | -0.0001  | -0.00022 | -8.1E-05 | -5.1E-05 | -5.6E-06 | -4.7E-05 | -3.7E-06 |
| SPR 2054 | 0.001112 | 0.000472 | 0.000425 | 0.000581 | -9.9E-05 | -0.00021 | -7.9E-05 | -5E-05   | -5.4E-06 | -4.6E-05 | -3.6E-06 |
| SUM 2054 | 0.001071 | 0.000454 | 0.000408 | 0.000554 | -9.7E-05 | -0.00021 | -7.7E-05 | -4.8E-05 | -5.3E-06 | -4.5E-05 | -3.5E-06 |
| WIN 2054 | 0.001031 | 0.000437 | 0.000391 | 0.000529 | -9.5E-05 | -0.0002  | -7.5E-05 | -4.7E-05 | -5.2E-06 | -4.4E-05 | -3.5E-06 |
| SPR 2055 | 0.000993 | 0.00042  | 0.000375 | 0.000503 | -9.3E-05 | -0.0002  | -7.3E-05 | -4.6E-05 | -5E-06   | -4.3E-05 | -3.4E-06 |
| SUM 2055 | 0.000957 | 0.000405 | 0.000359 | 0.000479 | -9.2E-05 | -0.00019 | -7.1E-05 | -4.5E-05 | -4.9E-06 | -4.2E-05 | -3.3E-06 |
| WIN 2055 | 0.000922 | 0.00039  | 0.000344 | 0.000457 | -9E-05   | -0.00019 | -7E-05   | -4.4E-05 | -4.8E-06 | -4.1E-05 | -3.3E-06 |
| SPR 2056 | 0.000889 | 0.000375 | 0.00033  | 0.000435 | -8.8E-05 | -0.00019 | -6.8E-05 | -4.3E-05 | -4.7E-06 | -4E-05   | -3.2E-06 |
| SUM 2056 | 0.000856 | 0.000361 | 0.000316 | 0.000413 | -8.7E-05 | -0.00018 | -6.6E-05 | -4.2E-05 | -4.6E-06 | -3.9E-05 | -3.2E-06 |
| WIN 2056 | 0.000826 | 0.000348 | 0.000302 | 0.000394 | -8.5E-05 | -0.00018 | -6.5E-05 | -4.1E-05 | -4.5E-06 | -3.8E-05 | -3.1E-06 |
| SPR 2057 | 0.000796 | 0.000335 | 0.00029  | 0.000374 | -8.4E-05 | -0.00017 | -6.3E-05 | -4E-05   | -4.4E-06 | -3.7E-05 | -3.1E-06 |
| SUM 2057 | 0.000768 | 0.000323 | 0.000277 | 0.000355 | -8.2E-05 | -0.00017 | -6.2E-05 | -3.9E-05 | -4.3E-06 | -3.6E-05 | -3E-06   |
| WIN 2057 | 0.00074  | 0.000311 | 0.000265 | 0.000337 | -8.1E-05 | -0.00017 | -6.1E-05 | -3.8E-05 | -4.2E-06 | -3.5E-05 | -2.9E-06 |
| SPR 2058 | 0.000714 | 0.000299 | 0.000254 | 0.00032  | -7.9E-05 | -0.00016 | -5.9E-05 | -3.7E-05 | -4.1E-06 | -3.5E-05 | -2.9E-06 |
| SUM 2058 | 0.000689 | 0.000289 | 0.000243 | 0.000304 | -7.8E-05 | -0.00016 | -5.8E-05 | -3.7E-05 | -4E-06   | -3.4E-05 | -2.8E-06 |
| WIN 2058 | 0.000665 | 0.000278 | 0.000233 | 0.000288 | -7.7E-05 | -0.00016 | -5.7E-05 | -3.6E-05 | -3.9E-06 | -3.3E-05 | -2.8E-06 |
| SPR 2059 | 0.000641 | 0.000268 | 0.000223 | 0.000273 | -7.5E-05 | -0.00015 | -5.6E-05 | -3.5E-05 | -3.8E-06 | -3.2E-05 | -2.7E-06 |
| SUM 2059 | 0.000619 | 0.000258 | 0.000213 | 0.000259 | -7.4E-05 | -0.00015 | -5.5E-05 | -3.4E-05 | -3.7E-06 | -3.2E-05 | -2.7E-06 |
| WIN 2059 | 0.000598 | 0.000249 | 0.000204 | 0.000246 | -7.3E-05 | -0.00015 | -5.4E-05 | -3.4E-05 | -3.7E-06 | -3.1E-05 | -2.6E-06 |
| SPR 2060 | 0.000577 | 0.00024  | 0.000195 | 0.000232 | -7.2E-05 | -0.00014 | -5.2E-05 | -3.3E-05 | -3.6E-06 | -3E-05   | -2.6E-06 |
| SUM 2060 | 0.000557 | 0.000231 | 0.000187 | 0.000219 | -7.1E-05 | -0.00014 | -5.1E-05 | -3.2E-05 | -3.5E-06 | -3E-05   | -2.6E-06 |
| WIN 2060 | 0.000538 | 0.000223 | 0.000179 | 0.000207 | -7E-05   | -0.00014 | -5E-05   | -3.2E-05 | -3.5E-06 | -2.9E-05 | -2.5E-06 |
| SPR 2061 | 0.00052  | 0.000215 | 0.000171 | 0.000196 | -6.9E-05 | -0.00014 | -4.9E-05 | -3.1E-05 | -3.4E-06 | -2.9E-05 | -2.5E-06 |
| SUM 2061 | 0.000502 | 0.000208 | 0.000163 | 0.000184 | -6.8E-05 | -0.00013 | -4.9E-05 | -3.1E-05 | -3.3E-06 | -2.8E-05 | -2.4E-06 |
| WIN 2061 | 0.000485 | 0.0002   | 0.000156 | 0.000174 | -6.7E-05 | -0.00013 | -4.8E-05 | -3E-05   | -3.3E-06 | -2.8E-05 | -2.4E-06 |
| SPR 2062 | 0.000469 | 0.000194 | 0.000149 | 0.000164 | -6.6E-05 | -0.00013 | -4.7E-05 | -2.9E-05 | -3.2E-06 | -2.7E-05 | -2.3E-06 |
| SUM 2062 | 0.000453 | 0.000187 | 0.000142 | 0.000154 | -6.5E-05 | -0.00013 | -4.6E-05 | -2.9E-05 | -3.1E-06 | -2.7E-05 | -2.3E-06 |
| WIN 2062 | 0.000438 | 0.00018  | 0.000136 | 0.000144 | -6.4E-05 | -0.00012 | -4.5E-05 | -2.8E-05 | -3.1E-06 | -2.6E-05 | -2.3E-06 |
| SPR 2063 | 0.000424 | 0.000174 | 0.00013  | 0.000135 | -6.3E-05 | -0.00012 | -4.4E-05 | -2.8E-05 | -3E-06   | -2.6E-05 | -2.2E-06 |
| SUM 2063 | 0.00041  | 0.000168 | 0.000124 | 0.000125 | -6.2E-05 | -0.00012 | -4.4E-05 | -2.7E-05 | -3E-06   | -2.5E-05 | -2.2E-06 |
| WIN 2063 | 0.000397 | 0.000162 | 0.000118 | 0.000116 | -6.1E-05 | -0.00012 | -4.3E-05 | -2.7E-05 | -2.9E-06 | -2.5E-05 | -2.1E-06 |
| SPR 2064 | 0.000384 | 0.000157 | 0.000113 | 0.000109 | -6E-05   | -0.00012 | -4.2E-05 | -2.6E-05 | -2.9E-06 | -2.4E-05 | -2.1E-06 |
| SUM 2064 | 0.000372 | 0.000151 | 0.000107 | 0.000101 | -6E-05   | -0.00011 | -4.1E-05 | -2.6E-05 | -2.8E-06 | -2.4E-05 | -2.1E-06 |
| WIN 2064 | 0.00036  | 0.000146 | 0.000102 | 9.38E-05 | -5.9E-05 | -0.00011 | -4.1E-05 | -2.6E-05 | -2.8E-06 | -2.4E-05 | -2E-06   |
| SPR 2065 | 0.000348 | 0.000141 | 9.76E-05 | 8.73E-05 | -5.8E-05 | -0.00011 | -4E-05   | -2.5E-05 | -2.7E-06 | -2.3E-05 | -2E-06   |
| SUM 2065 | 0.000337 | 0.000137 | 9.29E-05 | 8.1E-05  | -5.7E-05 | -0.00011 | -3.9E-05 | -2.5E-05 | -2.7E-06 | -2.3E-05 | -1.9E-06 |
| WIN 2065 | 0.000327 | 0.000132 | 8.83E-05 | 7.41E-05 | -5.7E-05 | -0.00011 | -3.9E-05 | -2.4E-05 | -2.7E-06 | -2.2E-05 | -1.9E-06 |
| SPR 2066 | 0.000317 | 0.000128 | 8.42E-05 | 6.83E-05 | -5.6E-05 | -0.00011 | -3.8E-05 | -2.4E-05 | -2.6E-06 | -2.2E-05 | -1.9E-06 |
| SUM 2066 | 0.000307 | 0.000124 | 8.01E-05 | 6.26E-05 | -5.5E-05 | -0.0001  | -3.8E-05 | -2.4E-05 | -2.6E-06 | -2.2E-05 | -1.9E-06 |
| WIN 2066 | 0.000298 | 0.00012  | 7.65E-05 | 5.69E-05 | -5.5E-05 | -0.0001  | -3.7E-05 | -2.3E-05 | -2.5E-06 | -2.1E-05 | -1.8E-06 |
| SPR 2067 | 0.000289 | 0.000116 | 7.27E-05 | 5.12E-05 | -5.4E-05 | -0.0001  | -3.6E-05 | -2.3E-05 | -2.5E-06 | -2.1E-05 | -1.8E-06 |
| SUM 2067 | 0.00028  | 0.000112 | 6.94E-05 | 4.54E-05 | -5.3E-05 | -1E-04   | -3.6E-05 | -2.3E-05 | -2.5E-06 | -2.1E-05 | -1.8E-06 |
| WIN 2067 | 0.000272 | 0.000108 | 6.6E-05  | 4.04E-05 | -5.3E-05 | -9.8E-05 | -3.5E-05 | -2.2E-05 | -2.4E-06 | -2E-05   | -1.7E-06 |
| SPR 2068 | 0.000263 | 0.000105 | 6.23E-05 | 3.52E-05 | -5.2E-05 | -9.7E-05 | -3.5E-05 | -2.2E-05 | -2.4E-06 | -2E-05   | -1.7E-06 |
| SUM 2068 | 0.000256 | 0.000102 | 5.9E-05  | 3.07E-05 | -5.1E-05 | -9.6E-05 | -3.4E-05 | -2.2E-05 | -2.3E-06 | -2E-05   | -1.7E-06 |
| WIN 2068 | 0.000248 | 9.83E-05 | 5.6E-05  | 2.58E-05 | -5.1E-05 | -9.4E-05 | -3.4E-05 | -2.1E-05 | -2.3E-06 | -2E-05   | -1.7E-06 |
| SPR 2069 | 0.000241 | 9.52E-05 | 5.27E-05 | 2.25E-05 | -5E-05   | -9.3E-05 | -3.3E-05 | -2.1E-05 | -2.3E-06 | -1.9E-05 | -1.6E-06 |
| SUM 2069 | 0.000234 | 9.22E-05 | 4.96E-05 | 1.87E-05 | -5E-05   | -9.2E-05 | -3.3E-05 | -2.1E-05 | -2.3E-06 | -1.9E-05 | -1.6E-06 |
| WIN 2069 | 0.000228 | 8.94E-05 | 4.72E-05 | 1.44E-05 | -4.9E-05 | -9E-05   | -3.3E-05 | -2E-05   | -2.2E-06 | -1.9E-05 | -1.6E-06 |
| SPR 2070 | 0.000221 | 8.66E-05 | 4.45E-05 | 1.06E-05 | -4.9E-05 | -8.9E-05 | -3.2E-05 | -2E-05   | -2.2E-06 | -1.8E-05 | -1.6E-06 |
| SUM 2070 | 0.000215 | 8.4E-05  | 4.19E-05 | 7.06E-06 | -4.8E-05 | -8.8E-05 | -3.2E-05 | -2E-05   | -2.2E-06 | -1.8E-05 | -1.5E-06 |
| WIN 2070 | 0.000209 | 8.14E-05 | 3.95E-05 | 2.93E-06 | -4.7E-05 | -8.7E-05 | -3.1E-05 | -2E-05   | -2.1E-06 | -1.8E-05 | -1.5E-06 |
| SPR 2071 | 0.000203 | 7.9E-05  | 3.71E-05 | -9.1E-07 | -4.7E-05 | -8.6E-05 | -3.1E-05 | -1.9E-05 | -2.1E-06 | -1.8E-05 | -1.5E-06 |
| SUM 2071 | 0.000198 | 7.66E-05 | 3.48E-05 | -3.6E-06 | -4.6E-05 | -8.5E-05 | -3E-05   | -1.9E-05 | -2.1E-06 | -1.8E-05 | -1.5E-06 |
| WIN 2071 | 0.000192 | 7.44E-05 | 3.26E-05 | -7E-06   | -4.6E-05 | -8.4E-05 | -3E-05   | -1.9E-05 | -2.1E-06 | -1.7E-05 | -1.4E-06 |
| SPR 2072 | 0.000187 | 7.21E-05 | 3.09E-05 | -9.3E-06 | -4.5E-05 | -8.3E-05 | -3E-05   | -1.9E-05 | -2E-06   | -1.7E-05 | -1.4E-06 |
| SUM 2072 | 0.000182 | 7.01E-05 | 2.93E-05 | -1.1E-05 | -4.5E-05 | -8.2E-05 | -2.9E-05 | -1.8E-05 | -2E-06   | -1.7E-05 | -1.4E-06 |
| WIN 2072 | 0.000178 | 6.8E-05  | 2.76E-05 | -1.4E-05 | -4.4E-05 | -8.1E-05 | -2.9E-05 | -1.8E-05 | -2E-06   | -1.7E-05 | -1.4E-06 |
| SPR 2073 | 0.000173 | 6.61E-05 | 2.55E-05 | -1.7E-05 | -4.4E-05 | -8E-05   | -2.9E-05 | -1.8E-05 | -1.9E-06 | -1.6E-05 | -1.3E-06 |
| SUM 2073 | 0.000168 | 6.42E-05 | 2.38E-05 | -1.9E-05 | -4.4E-05 | -7.9E-05 | -2.8E-05 | -1.8E-05 | -1.9E-06 | -1.6E-05 | -1.3E-06 |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| WIN 2073 | 0.000164 | 6.24E-05 | 2.2E-05  | -2.2E-05 | -4.3E-05 | -7.8E-05 | -2.8E-05 | -1.8E-05 | -1.9E-06 | -1.6E-05 | -1.3E-06 |
| SPR 2074 | 0.00016  | 6.08E-05 | 2.02E-05 | -2.4E-05 | -4.3E-05 | -7.7E-05 | -2.8E-05 | -1.7E-05 | -1.9E-06 | -1.6E-05 | -1.3E-06 |
| SUM 2074 | 0.000156 | 5.89E-05 | 1.84E-05 | -2.6E-05 | -4.2E-05 | -7.6E-05 | -2.7E-05 | -1.7E-05 | -1.9E-06 | -1.6E-05 | -1.3E-06 |
| WIN 2074 | 0.000152 | 5.72E-05 | 1.69E-05 | -2.7E-05 | -4.2E-05 | -7.5E-05 | -2.7E-05 | -1.7E-05 | -1.8E-06 | -1.5E-05 | -1.2E-06 |
| SPR 2075 | 0.000148 | 5.57E-05 | 1.53E-05 | -2.9E-05 | -4.1E-05 | -7.4E-05 | -2.7E-05 | -1.7E-05 | -1.8E-06 | -1.5E-05 | -1.2E-06 |
| SUM 2075 | 0.000145 | 5.42E-05 | 1.37E-05 | -3E-05   | -4.1E-05 | -7.3E-05 | -2.6E-05 | -1.7E-05 | -1.8E-06 | -1.5E-05 | -1.2E-06 |
| WIN 2075 | 0.000141 | 5.27E-05 | 1.23E-05 | -3.2E-05 | -4.1E-05 | -7.3E-05 | -2.6E-05 | -1.6E-05 | -1.8E-06 | -1.5E-05 | -1.2E-06 |
| SPR 2076 | 0.000138 | 5.13E-05 | 1.13E-05 | -3.4E-05 | -4E-05   | -7.2E-05 | -2.6E-05 | -1.6E-05 | -1.8E-06 | -1.5E-05 | -1.2E-06 |
| SUM 2076 | 0.000135 | 5E-05    | 1.02E-05 | -3.5E-05 | -4E-05   | -7.1E-05 | -2.5E-05 | -1.6E-05 | -1.7E-06 | -1.5E-05 | -1.1E-06 |
| WIN 2076 | 0.000132 | 4.87E-05 | 9.39E-06 | -3.7E-05 | -3.9E-05 | -7E-05   | -2.5E-05 | -1.6E-05 | -1.7E-06 | -1.4E-05 | -1.1E-06 |
| SPR 2077 | 0.000129 | 4.74E-05 | 8.4E-06  | -3.8E-05 | -3.9E-05 | -6.9E-05 | -2.5E-05 | -1.6E-05 | -1.7E-06 | -1.4E-05 | -1.1E-06 |
| SUM 2077 | 0.000126 | 4.62E-05 | 7.24E-06 | -3.9E-05 | -3.9E-05 | -6.9E-05 | -2.5E-05 | -1.5E-05 | -1.7E-06 | -1.4E-05 | -1.1E-06 |
| WIN 2077 | 0.000123 | 4.5E-05  | 6.36E-06 | -4E-05   | -3.8E-05 | -6.8E-05 | -2.4E-05 | -1.5E-05 | -1.7E-06 | -1.4E-05 | -1.1E-06 |
| SPR 2078 | 0.00012  | 4.38E-05 | 5.76E-06 | -4.2E-05 | -3.8E-05 | -6.7E-05 | -2.4E-05 | -1.5E-05 | -1.6E-06 | -1.4E-05 | -1.1E-06 |
| SUM 2078 | 0.000118 | 4.27E-05 | 4.94E-06 | -4.3E-05 | -3.7E-05 | -6.7E-05 | -2.4E-05 | -1.5E-05 | -1.6E-06 | -1.4E-05 | -1E-06   |
| WIN 2078 | 0.000115 | 4.17E-05 | 3.91E-06 | -4.4E-05 | -3.7E-05 | -6.6E-05 | -2.4E-05 | -1.5E-05 | -1.6E-06 | -1.4E-05 | -1E-06   |
| SPR 2079 | 0.000113 | 4.06E-05 | 3.13E-06 | -4.5E-05 | -3.7E-05 | -6.5E-05 | -2.3E-05 | -1.5E-05 | -1.6E-06 | -1.3E-05 | -1E-06   |
| SUM 2079 | 0.00011  | 3.97E-05 | 2.11E-06 | -4.7E-05 | -3.6E-05 | -6.4E-05 | -2.3E-05 | -1.4E-05 | -1.6E-06 | -1.3E-05 | -9.9E-07 |
| WIN 2079 | 0.000108 | 3.87E-05 | 1.33E-06 | -4.7E-05 | -3.6E-05 | -6.4E-05 | -2.3E-05 | -1.4E-05 | -1.6E-06 | -1.3E-05 | -9.7E-07 |
| SPR 2080 | 0.000106 | 3.78E-05 | 2.94E-07 | -4.7E-05 | -3.6E-05 | -6.3E-05 | -2.3E-05 | -1.4E-05 | -1.5E-06 | -1.3E-05 | -9.6E-07 |
| SUM 2080 | 0.000104 | 3.69E-05 | 4.7E-08  | -4.8E-05 | -3.5E-05 | -6.3E-05 | -2.2E-05 | -1.4E-05 | -1.5E-06 | -1.3E-05 | -9.4E-07 |
| WIN 2080 | 0.000102 | 3.61E-05 | -6.6E-07 | -4.9E-05 | -3.5E-05 | -6.2E-05 | -2.2E-05 | -1.4E-05 | -1.5E-06 | -1.3E-05 | -9.3E-07 |
| SPR 2081 | 9.95E-05 | 3.52E-05 | -1.5E-06 | -4.9E-05 | -3.5E-05 | -6.1E-05 | -2.2E-05 | -1.4E-05 | -1.5E-06 | -1.3E-05 | -9.1E-07 |
| SUM 2081 | 9.76E-05 | 3.44E-05 | -2.2E-06 | -5E-05   | -3.5E-05 | -6.1E-05 | -2.2E-05 | -1.4E-05 | -1.5E-06 | -1.2E-05 | -9E-07   |
| WIN 2081 | 9.58E-05 | 3.36E-05 | -2.7E-06 | -5.1E-05 | -3.4E-05 | -6E-05   | -2.1E-05 | -1.3E-05 | -1.5E-06 | -1.2E-05 | -8.9E-07 |
| SPR 2082 | 9.4E-05  | 3.29E-05 | -3.5E-06 | -5.2E-05 | -3.4E-05 | -5.9E-05 | -2.1E-05 | -1.3E-05 | -1.4E-06 | -1.2E-05 | -8.7E-07 |
| SUM 2082 | 9.22E-05 | 3.21E-05 | -4.1E-06 | -5.2E-05 | -3.4E-05 | -5.9E-05 | -2.1E-05 | -1.3E-05 | -1.4E-06 | -1.2E-05 | -8.6E-07 |
| WIN 2082 | 9.05E-05 | 3.15E-05 | -4.6E-06 | -5.3E-05 | -3.3E-05 | -5.8E-05 | -2.1E-05 | -1.3E-05 | -1.4E-06 | -1.2E-05 | -8.5E-07 |
| SPR 2083 | 8.88E-05 | 3.08E-05 | -5.3E-06 | -5.4E-05 | -3.3E-05 | -5.8E-05 | -2.1E-05 | -1.3E-05 | -1.4E-06 | -1.2E-05 | -8.3E-07 |
| SUM 2083 | 8.72E-05 | 3.02E-05 | -5.9E-06 | -5.4E-05 | -3.3E-05 | -5.7E-05 | -2E-05   | -1.3E-05 | -1.4E-06 | -1.2E-05 | -8.2E-07 |
| WIN 2083 | 8.56E-05 | 2.95E-05 | -6.3E-06 | -5.4E-05 | -3.2E-05 | -5.7E-05 | -2E-05   | -1.3E-05 | -1.4E-06 | -1.2E-05 | -8.1E-07 |
| SPR 2084 | 8.41E-05 | 2.89E-05 | -6.6E-06 | -5.5E-05 | -3.2E-05 | -5.6E-05 | -2E-05   | -1.3E-05 | -1.4E-06 | -1.1E-05 | -8E-07   |
| SUM 2084 | 8.26E-05 | 2.83E-05 | -6.8E-06 | -5.5E-05 | -3.2E-05 | -5.6E-05 | -2E-05   | -1.2E-05 | -1.4E-06 | -1.1E-05 | -7.9E-07 |
| WIN 2084 | 8.12E-05 | 2.78E-05 | -7.2E-06 | -5.5E-05 | -3.2E-05 | -5.5E-05 | -2E-05   | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7.7E-07 |
| SPR 2085 | 7.98E-05 | 2.72E-05 | -7.6E-06 | -5.4E-05 | -3.1E-05 | -5.5E-05 | -1.9E-05 | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7.6E-07 |
| SUM 2085 | 7.85E-05 | 2.67E-05 | -7.8E-06 | -5.5E-05 | -3.1E-05 | -5.4E-05 | -1.9E-05 | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7.5E-07 |
| WIN 2085 | 7.72E-05 | 2.61E-05 | -8.3E-06 | -5.5E-05 | -3.1E-05 | -5.3E-05 | -1.9E-05 | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7.4E-07 |
| SPR 2086 | 7.59E-05 | 2.56E-05 | -8.8E-06 | -5.4E-05 | -3E-05   | -5.3E-05 | -1.9E-05 | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7.3E-07 |
| SUM 2086 | 7.47E-05 | 2.51E-05 | -8.6E-06 | -5.5E-05 | -3E-05   | -5.2E-05 | -1.9E-05 | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7.2E-07 |
| WIN 2086 | 7.35E-05 | 2.46E-05 | -8.8E-06 | -5.5E-05 | -3E-05   | -5.2E-05 | -1.9E-05 | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7.1E-07 |
| SPR 2087 | 7.23E-05 | 2.41E-05 | -9.4E-06 | -5.5E-05 | -3E-05   | -5.1E-05 | -1.8E-05 | -1.2E-05 | -1.3E-06 | -1.1E-05 | -7E-07   |
| SUM 2087 | 7.12E-05 | 2.36E-05 | -9.4E-06 | -5.6E-05 | -2.9E-05 | -5.1E-05 | -1.8E-05 | -1.1E-05 | -1.2E-06 | -1E-05   | -6.9E-07 |
| WIN 2087 | 7.01E-05 | 2.32E-05 | -9.8E-06 | -5.6E-05 | -2.9E-05 | -5.1E-05 | -1.8E-05 | -1.1E-05 | -1.2E-06 | -1E-05   | -6.8E-07 |
| SPR 2088 | 6.9E-05  | 2.27E-05 | -1E-05   | -5.6E-05 | -2.9E-05 | -5E-05   | -1.8E-05 | -1.1E-05 | -1.2E-06 | -1E-05   | -6.7E-07 |
| SUM 2088 | 6.8E-05  | 2.24E-05 | -1E-05   | -5.6E-05 | -2.9E-05 | -5E-05   | -1.8E-05 | -1.1E-05 | -1.2E-06 | -1E-05   | -6.6E-07 |
| WIN 2088 | 6.7E-05  | 2.2E-05  | -1E-05   | -5.7E-05 | -2.8E-05 | -4.9E-05 | -1.8E-05 | -1.1E-05 | -1.2E-06 | -1E-05   | -6.5E-07 |
| SPR 2089 | 6.6E-05  | 2.16E-05 | -1.1E-05 | -5.6E-05 | -2.8E-05 | -4.9E-05 | -1.7E-05 | -1.1E-05 | -1.2E-06 | -1E-05   | -6.4E-07 |
| SUM 2089 | 6.51E-05 | 2.13E-05 | -1.1E-05 | -5.7E-05 | -2.8E-05 | -4.8E-05 | -1.7E-05 | -1.1E-05 | -1.2E-06 | -9.9E-06 | -6.3E-07 |
| WIN 2089 | 6.41E-05 | 2.09E-05 | -1.1E-05 | -5.7E-05 | -2.8E-05 | -4.8E-05 | -1.7E-05 | -1.1E-05 | -1.2E-06 | -9.8E-06 | -6.2E-07 |
| SPR 2090 | 6.32E-05 | 2.05E-05 | -1.1E-05 | -5.6E-05 | -2.7E-05 | -4.7E-05 | -1.7E-05 | -1.1E-05 | -1.2E-06 | -9.7E-06 | -6.2E-07 |
| SUM 2090 | 6.24E-05 | 2.02E-05 | -1.1E-05 | -5.6E-05 | -2.7E-05 | -4.7E-05 | -1.7E-05 | -1.1E-05 | -1.1E-06 | -9.6E-06 | -6.1E-07 |
| WIN 2090 | 6.15E-05 | 1.99E-05 | -1.1E-05 | -5.7E-05 | -2.7E-05 | -4.7E-05 | -1.7E-05 | -1E-05   | -1.1E-06 | -9.5E-06 | -6E-07   |
| SPR 2091 | 6.07E-05 | 1.96E-05 | -1.2E-05 | -5.6E-05 | -2.7E-05 | -4.6E-05 | -1.7E-05 | -1E-05   | -1.1E-06 | -9.5E-06 | -5.9E-07 |
| SUM 2091 | 5.98E-05 | 1.92E-05 | -1.2E-05 | -5.6E-05 | -2.6E-05 | -4.6E-05 | -1.6E-05 | -1E-05   | -1.1E-06 | -9.4E-06 | -5.8E-07 |
| WIN 2091 | 5.9E-05  | 1.89E-05 | -1.2E-05 | -5.6E-05 | -2.6E-05 | -4.5E-05 | -1.6E-05 | -1E-05   | -1.1E-06 | -9.3E-06 | -5.7E-07 |
| SPR 2092 | 5.82E-05 | 1.86E-05 | -1.3E-05 | -5.6E-05 | -2.6E-05 | -4.5E-05 | -1.6E-05 | -1E-05   | -1.1E-06 | -9.2E-06 | -5.7E-07 |
| SUM 2092 | 5.75E-05 | 1.84E-05 | -1.3E-05 | -5.6E-05 | -2.6E-05 | -4.5E-05 | -1.6E-05 | -1E-05   | -1.1E-06 | -9.1E-06 | -5.6E-07 |
| WIN 2092 | 5.67E-05 | 1.81E-05 | -1.3E-05 | -5.5E-05 | -2.6E-05 | -4.4E-05 | -1.6E-05 | -9.9E-06 | -1.1E-06 | -9E-06   | -5.5E-07 |
| SPR 2093 | 5.6E-05  | 1.78E-05 | -1.3E-05 | -5.5E-05 | -2.5E-05 | -4.4E-05 | -1.6E-05 | -9.8E-06 | -1.1E-06 | -9E-06   | -5.4E-07 |
| SUM 2093 | 5.53E-05 | 1.75E-05 | -1.3E-05 | -5.5E-05 | -2.5E-05 | -4.3E-05 | -1.6E-05 | -9.7E-06 | -1.1E-06 | -8.9E-06 | -5.4E-07 |
| WIN 2093 | 5.46E-05 | 1.72E-05 | -1.3E-05 | -5.5E-05 | -2.5E-05 | -4.3E-05 | -1.5E-05 | -9.7E-06 | -1E-06   | -8.8E-06 | -5.3E-07 |
| SPR 2094 | 5.4E-05  | 1.7E-05  | -1.3E-05 | -5.5E-05 | -2.5E-05 | -4.3E-05 | -1.5E-05 | -9.6E-06 | -1E-06   | -8.7E-06 | -5.2E-07 |
| SUM 2094 | 5.33E-05 | 1.67E-05 | -1.2E-05 | -5.5E-05 | -2.4E-05 | -4.2E-05 | -1.5E-05 | -9.5E-06 | -1E-06   | -8.6E-06 | -5.1E-07 |
| WIN 2094 | 5.26E-05 | 1.65E-05 | -1.2E-05 | -5.4E-05 | -2.4E-05 | -4.2E-05 | -1.5E-05 | -9.4E-06 | -1E-06   | -8.5E-06 | -5E-07   |
| SPR 2095 | 5.2E-05  | 1.63E-05 | -1.2E-05 | -5.4E-05 | -2.4E-05 | -4.2E-05 | -1.5E-05 | -9.3E-06 | -1E-06   | -8.4E-06 | -5E-07   |
| SUM 2095 | 5.14E-05 | 1.6E-05  | -1.3E-05 | -5.3E-05 | -2.4E-05 | -4.1E-05 | -1.5E-05 | -9.2E-06 | -9.9E-07 | -8.4E-06 | -4.9E-07 |
| WIN 2095 | 5.08E-05 | 1.58E-05 | -1.3E-05 | -5.3E-05 | -2.3E-05 | -4E-05   | -1.4E-05 | -9.1E-06 | -9.8E-07 | -8.3E-06 | -4.8E-07 |
| SPR 2096 | 5.02E-05 | 1.57E-05 | -1.3E-05 | -5.3E-05 | -2.3E-05 | -4E-05   | -1.4E-05 | -9E-06   | -9.8E-07 | -8.2E-06 | -4.7E-07 |
| SUM 2096 | 4.97E-05 | 1.54E-05 | -1.3E-05 | -5.3E-05 | -2.3E-05 | -4E-05   | -1.4E-05 | -9E-06   | -9.8E-07 | -8.2E-06 | -4.6E-07 |
| WIN 2096 | 4.92E-05 | 1.52E-05 | -1.3E-05 | -5.3E-05 | -2.3E-05 | -4E-05   | -1.4E-05 | -8.9E-06 | -9.7E-07 | -8.2E-06 | -4.5E-07 |
| SPR 2097 | 4.86E-05 | 1.51E-05 | -1.3E-05 | -5.3E-05 | -2.2E-05 | -3.9E-05 | -1.4E-05 | -8.7E-06 | -9.4E-07 | -7.9E-06 | -4.4E-07 |
| SUM 2097 | 4.8E-05  | 1.49E-05 | -1.2E-05 | -5.3E-05 | -2.3E-05 | -3.9E-05 | -1.4E-05 | -8.8E-06 | -9.5E-07 | -8E-06   | -4.6E-07 |
| WIN 2097 | 4.75E-05 | 1.47E-05 | -1.3E-05 | -5.2E-05 | -2.2E-05 | -3.9E-05 | -1.4E-05 | -8.7E-06 | -9.4E-07 | -7.9E-06 | -4.5E-07 |
| SPR 2098 | 4.7E-05  | 1.45E-05 | -1.3E-05 | -5.2E-05 | -2.2E-05 | -3.8E-05 | -1.4E-05 | -8.6E-06 | -9.3E-07 | -7.9E-06 | -4.5E-07 |
| SUM 2098 | 4.64E-05 | 1.43E-05 | -1.3E-05 | -5.2E-05 | -2.2E-05 | -3.8E-05 | -1.4E-05 | -8.6E-06 | -9.3E-07 | -7.8E-06 | -4.4E-07 |
| WIN 2098 | 4.6E-05  | 1.41E-05 | -1.3E-05 | -5.1E-05 | -2.2E-05 | -3.8E-05 | -1.4E-05 | -8.5E-06 | -9.2E-07 | -7.7E-06 | -4.4E-07 |

Net effect divided by w/o transfer condition

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

# **Attachment 6**

## **Mitigation Analysis**

| WR No.                                                             | Div. Rate<br>(CFS) | Con. Vol.<br>(AFA) | No. of Irr.<br>Acres | Priority<br>Date | POD<br>Location | Dedicated Vol.<br>AFA/ AFT | Model<br>Node |
|--------------------------------------------------------------------|--------------------|--------------------|----------------------|------------------|-----------------|----------------------------|---------------|
| <b>Transfer 1: Input Water Right Conditions Prior to Transfer</b>  |                    |                    |                      |                  |                 |                            |               |
| 35-13997                                                           | 0.37               | 73.2               | 18.3                 | 5/11/1949        |                 |                            | 74,134        |
| <b>Transfer 1: Input Water Right Conditions Following Transfer</b> |                    |                    |                      |                  |                 |                            |               |
| 35-13997                                                           | 0.37               | 73.2               | 18.3                 | 5/11/1949        | 0               | 0                          | 75,154        |

| WR No.                                                             | Div. Rate<br>(CFS) | Con. Vol.<br>(AFA) | No. of Irr.<br>Acres | Priority<br>Date | POD<br>Location | Dedicated Vol.<br>AFA/ AFT | Model<br>Node |
|--------------------------------------------------------------------|--------------------|--------------------|----------------------|------------------|-----------------|----------------------------|---------------|
| <b>Transfer 1: Input Water Right Conditions Prior to Transfer</b>  |                    |                    |                      |                  |                 |                            |               |
| 35-13997                                                           | 0.37               | 73.2               | 18.3                 | 5/11/1949        |                 |                            | 74,134        |
| <b>Transfer 1: Input Water Right Conditions Following Transfer</b> |                    |                    |                      |                  |                 |                            |               |
| 35-13997                                                           | 0.37               | 73.2               | 18.3                 | 5/11/1949        | 0               | 0                          | 75,154        |

| 35-13997 | 0.37 | 73.2 | 18.3 | 5/11/1949 | 0 | 0.0 | 75.154 |
|----------|------|------|------|-----------|---|-----|--------|
|----------|------|------|------|-----------|---|-----|--------|

| 35-13997 | 0.37 | 73.2 | 18.3 | 5/11/1949 | 0 | 0.0 | 75.154 |
|----------|------|------|------|-----------|---|-----|--------|
|----------|------|------|------|-----------|---|-----|--------|

**Mitigation Check 1 - >10% of Historical:**  
**Mitigation Check 2: > 2 AFT:**  
**Mitigation Check 3 - >10% of Total:**  
**Mitigation Required?:**  
**Mitigation Vol. Req'd (ac-ft):**

**Mitigation Check 1 - >10% of Historical:**  
**Mitigation Check 2: > 2 AFT:**  
**Mitigation Check 3 - >10% of Total:**  
**Mitigation Required?:**  
**Mitigation Vol. Req'd (ac-ft):**

| Mitigation Check 1 - >10% of Historical:<br>Mitigation Check 2: > 2.01 A/F/T: | Mitigation Required?:<br>Mitigation Vol. Req'd (ac-ft): |
|-------------------------------------------------------------------------------|---------------------------------------------------------|
|                                                                               |                                                         |

| Mitigation Check 1 - >10% of Historical:<br>Mitigation Check 2: > 2.01 A/F/T: | Mitigation Required?:<br>Mitigation Vol. Req'd (ac-ft): |
|-------------------------------------------------------------------------------|---------------------------------------------------------|
|                                                                               |                                                         |

|           |          |            |             |           |              |         |         |          |
|-----------|----------|------------|-------------|-----------|--------------|---------|---------|----------|
| Astion to | Hesse to | Shelley to | Nr Bkctf To | Neeley to | Dev. Wbl. To | Buhl to | Kspr to | Malad to |
| Rexburg   | Shelley  | Nr Bkctf   | Neeley      | Mindoka   | Buhl         | Kspr    | Malad   | Rapport  |

|           |          |            |          |          |           |           |    |         |         |          |
|-----------|----------|------------|----------|----------|-----------|-----------|----|---------|---------|----------|
| Ashton to | Heise to | Shelley to | Nr Bkfst | To       | Neeley to | Dev. Wbl. | To | Buhl to | Kspr to | Malad to |
| Reuburg   | Shelley  | Nr Bkfst   | Neeley   | Minidoka | Buhl      | Kspr      |    |         |         | Reamont  |

|         | Pre-SS | 0.81 | 0.98 | 7.37  | 14.28 | 0.33 | 0.32 | 0.13 | 0.08 | 0.01 | 0.08 | 0.00 |
|---------|--------|------|------|-------|-------|------|------|------|------|------|------|------|
| Post-SS | 0.81   | 0.98 | 7.37 | 14.28 | 0.33  | 0.32 | 0.13 | 0.08 | 0.01 | 0.08 | 0.00 |      |
|         |        |      |      |       |       |      |      |      |      |      |      |      |
| Pre-TS  | 0.81   | 0.98 | 7.37 | 14.28 | 0.33  | 0.32 | 0.13 | 0.08 | 0.01 | 0.08 | 0.00 |      |
| Post-TS | 0.99   | 1.73 | 9.19 | 14.54 | 0.33  | 0.32 | 0.13 | 0.08 | 0.01 | 0.08 | 0.00 |      |

[illegible]

|                                          | 22.0% | 75.7% | 24.7% | 1.8% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
|------------------------------------------|-------|-------|-------|------|------|------|------|------|------|------|
| Mitigation Check 1 - >10% of Historical: |       |       |       |      |      |      |      |      |      |      |
| Mitigation Check 2: > 2.01 AFT:          | 0.2   | 0.7   | 1.8   | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Mitigation Required?:                    | NO    | NO    | NO    | NO   | NO   | NO   | NO   | NO   | NO   | NO   |
| Mitigation Vol. Rec'd (ac-ft):           | 0.2   | 0.7   | 1.8   | 0.3  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



State of Idaho

## DEPARTMENT OF WATER RESOURCES

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

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

C.L. "BUTCH" OTTER  
Governor

GARY SPACKMAN  
Director

July 18, 2014

**COPY**

Luke H. Marchant  
Holden, Kidwell, Hahn & Crapo, PLLC  
1000 Riverwalk Drive, Suite 200  
Idaho Falls, Idaho 83405

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK – South Interchange Properties, LLC**

Dear Mr. Marchant:

A review of your application to rent water on behalf of South Interchange Properties, LLC has identified the following items that need addressed.

- Water right 35-7534B, which was requested on the application, is committed to satisfy another rental request and is not available.
- Water Right 25-14386 has been identified for you as a potential candidate that may be available to satisfy the remainder of the rental request. Alternatively, you may choose from other available rights found by following this link:  
<http://www.idwr.idaho.gov/apps/ExtSearch/WSBSearch/WSBSearch.aspx>
- Upon selection of another right, an updated ESPAM Transfer Tool run is required along with submission of the updated model results.
- The rental period requested was for two-years, however the Terms of Lease in the agreement for rights 25-14381, 25-14383 and 25-14385 state that this lease is only effective through December 31, 2014. Therefore, rental of these rights will expire on December 31, 2014.

Please submit the new model results indicating the water rights you wish to rent no later than **August 4, 2014** for processing.

Regarding the proposed place of use, is it possible to please email me the GIS shape file shown on the map submitted as Attachment I under the name "Map of Proposed Place of Use and Diversion"?

If you have any questions regarding this matter, please contact me at (208) 287-4934 or Cherie Palmer, Water Right Supervisor and Water Supply Bank Process Point of Contact at (208) 287-4944.

Sincerely,

*Brian Ragan*

Brian Ragan  
[brian.ragan@idwr.idaho.gov](mailto:brian.ragan@idwr.idaho.gov)

**Ragan, Brian**

---

**From:** Ragan, Brian  
**Sent:** Tuesday, July 08, 2014 8:43 AM  
**To:** Palmer, Cherie  
**Subject:** RE: South Interchange - deficient letter

Ok.

I'll shelf this application until I hear from you otherwise.

Brian Ragan  
IDWR UIC Program

---

**From:** Palmer, Cherie  
**Sent:** Monday, July 07, 2014 5:00 PM  
**To:** Ragan, Brian  
**Subject:** RE: SOuth INterchange - deficient letter

Brian,

Let's hold off for just a little bit on this one. There's still some rental applications that need water within the ESPA that haven't been fulfilled yet. Let's make sure no one else tried to use that city of Ammon water right before telling these guys it's available. I expect by the end of next week we'll have a good idea what will be available for sure for South Interchange.

Good letter though, we'll can probably just use that once we get to that point.

Cherie

---

**From:** Ragan, Brian  
**Sent:** Monday, July 07, 2014 2:13 PM  
**To:** Palmer, Cherie  
**Subject:** SOuth INterchange - deficient letter

For your review prior to mailing. See attached.

---

Brian W. Ragan, P.G.  
Underground Injection Control  
Idaho Department of Water Resources  
322 East Front St., PO Box 83720  
Boise, ID 83720-0098

Ph: (208) 287-4934  
Fax: (208) 287-6700



Holden Kidwell  
Hahn & Crapo P.L.L.C.  
LAW OFFICES

RECEIVED

JUN 13 2014

DEPARTMENT OF  
WATER RESOURCES

1000 Riverwalk Drive, Suite 200  
PO Box 50130  
Idaho Falls, Idaho 83405

Tel: (208) 523-0620  
Fax: (208) 523-9518  
www.holdenlegal.com

Email: [lmarchant@holdenlegal.com](mailto:lmarchant@holdenlegal.com)

June 11, 2014

Idaho Department of Water Resources  
Attn: Remington Buyer  
Water Supply Bank  
PO Box 83720  
Boise, ID 83720-0098

RE: Water Bank Rental for South Interchange Properties, LLC

Dear Remington:

Enclosed please find a rental application submitted by South Interchange Properties, LLC. The application seeks to rent an adequate supply of irrigation water for 18.3 acres. We have identified four water rights that are available in the Water Supply Bank that should meet this need. They are Water Right Nos. 25-14381, 25-14383, and 25-14385 in the name of Idaho Water Company and Water Right No. 35-7534B in the name of the Bureau of Land Management.

You should find all of the necessary attachments to the application including GIS maps and modeling results from the ground water transfer tool. In doing the modeling, we assumed that we would rent the entirety of the Idaho Water Company water rights and only a portion of the BLM right (0.15 cfs, and 13.6 acre feet). The results from the modeling show that impacts will be minimal and no mitigation should be required. If you have any questions or need any additional information, please do not hesitate to contact me.

Best Regards,

Luke H. Marchant  
Holden, Kidwell, Hahn & Crapo, P.L.L.C.

Enclosures

G:\WPDATA\RLH\4619-03 MELALEUCA\2014-15 Water Bank Rental\2014-06-06, IDWR.docx

**RECEIVED**

**JUN 13 2014**

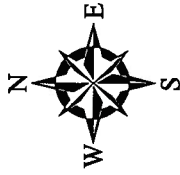
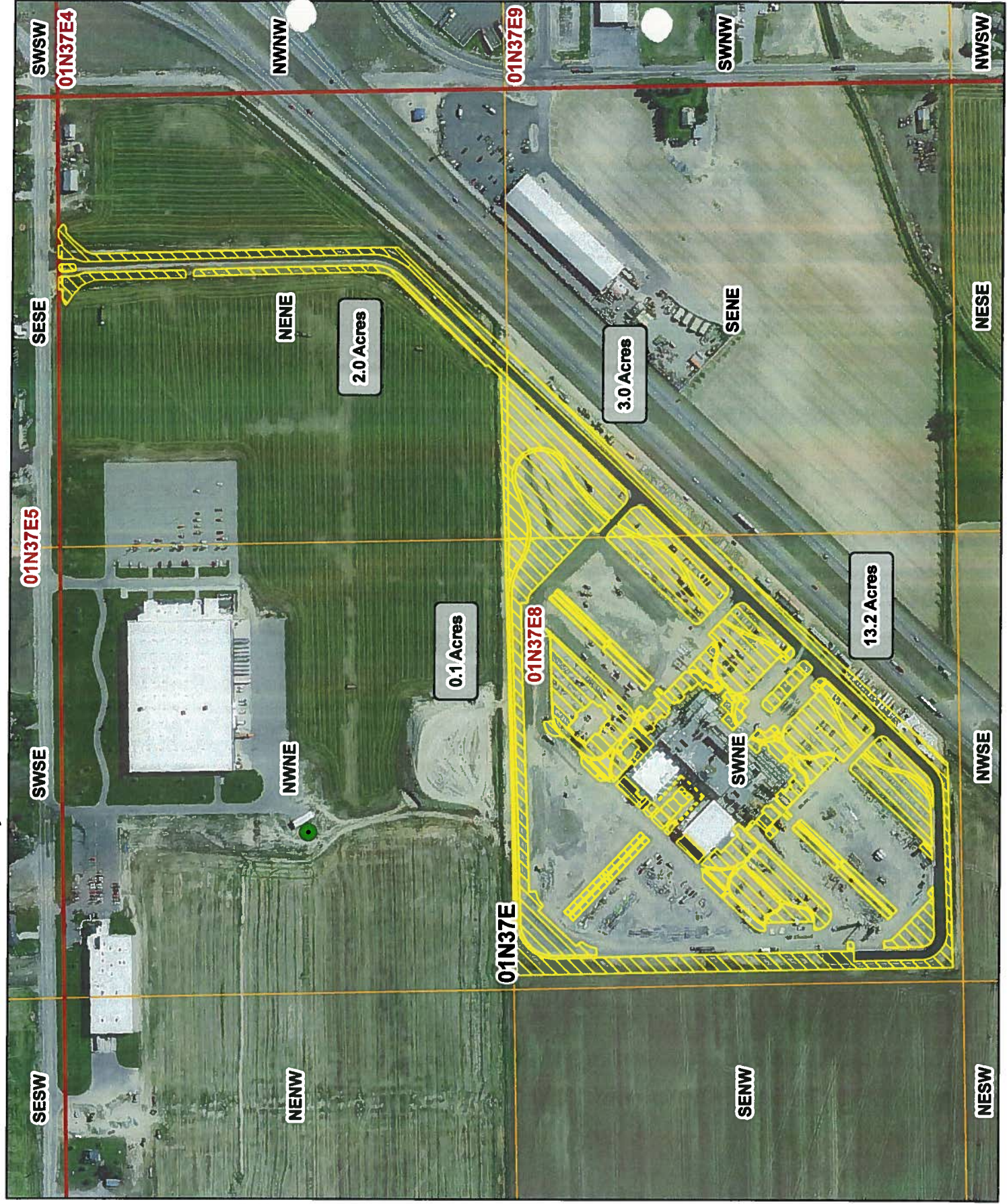
**Department of Water Resources**

**Attachment 1**

**Map of Proposed Place of Use**

**And Point of Diversion**

# SOUTH INTERCHANGE, LLC WATER BANK RENTAL



## Legend

- POU
- POD
- Section Lines
- Quarter Quarters

2013 NAIP Photo



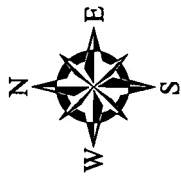
Prepared by:  
Luke H. Marchant  
6/06/2014

**Attachment 2**

**Map of Model Grid with**

**Current and Proposed PODs**

# SOUTH INTERCHANGE, LLC WATER BANK RENTAL



## Legend

- From Wells
- Proposed POD
- POU
- Model Grid



ESRI Basemap



Prepared by:  
Luke H. Marchant  
6/06/2014

**Attachment 3**

**Groundwater Transfer Tool:**

**Data Entry**

# ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

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

TRANSFER NO:

YEAR

1966

TRANSFER NAME

SEASON

SPRING

S. Interchange

ENTER CELL LOCATIONS:

|        | TO' CELL | 'FROM1' CELL | 'FROM2' CELL | 'FROM3' CELL |
|--------|----------|--------------|--------------|--------------|
| ROW    | 74       | 80           | 73           |              |
| COLUMN | 154      | 159          | 138          |              |

| TRIMESTER OF ACTIVITY | TO WELL Projected Use AF/TRIMESTER | FROM1 WELL                 |                               | FROM2 WELL                 |                               | FROM3 WELL                 |                               |
|-----------------------|------------------------------------|----------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|-------------------------------|
|                       |                                    | With Transfer AF/TRIMESTER | Without Transfer AF/TRIMESTER | With Transfer AF/TRIMESTER | Without Transfer AF/TRIMESTER | With Transfer AF/TRIMESTER | Without Transfer AF/TRIMESTER |
| SPR 1966              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1966              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1966              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1967              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1967              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1967              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1968              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1968              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1968              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1969              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1969              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1969              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1970              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1970              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1970              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1971              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1971              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1971              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1972              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1972              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1972              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1973              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1973              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1973              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1974              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1974              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1974              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1975              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1975              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1975              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1976              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1976              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1976              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1977              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1977              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1977              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1978              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1978              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| WIN 1978              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SPR 1979              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |
| SUM 1979              | 0                                  | 20                         | 20                            | 5                          | 5                             | 0                          | 0                             |

# ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

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

TRANSFER NO:

YEAR 1966  
SEASON SPRING

TRANSFER NAME  
S. Interchange

ENTER CELL LOCATIONS:

|        | TO' CELL | 'FROM1' CELL | 'FROM2' CELL | 'FROM3' CELL |
|--------|----------|--------------|--------------|--------------|
| ROW    | 74       | 80           | 73           |              |
| COLUMN | 154      | 159          | 138          |              |

| TRIMESTER OF ACTIVITY | TO WELL<br>Projected Use<br>AF/TRIMESTER | FROM1 WELL                    |                                  | FROM2 WELL                    |                                  | FROM3 WELL                    |                                  |
|-----------------------|------------------------------------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
|                       |                                          | With Transfer<br>AF/TRIMESTER | Without Transfer<br>AF/TRIMESTER | With Transfer<br>AF/TRIMESTER | Without Transfer<br>AF/TRIMESTER | With Transfer<br>AF/TRIMESTER | Without Transfer<br>AF/TRIMESTER |
| SPR 1966              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1966              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1966              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1967              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1967              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1967              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1968              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1968              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1968              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1969              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1969              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1969              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1970              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1970              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1970              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1971              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1971              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1971              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1972              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1972              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1972              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1973              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1973              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1973              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1974              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1974              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1974              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1975              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1975              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1975              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1976              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1976              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1976              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1977              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1977              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1977              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1978              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1978              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| WIN 1978              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SPR 1979              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |
| SUM 1979              | 0                                        | 20                            | 20                               | 5                             | 5                                | 0                             | 0                                |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| WIN 1979 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1980 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1980 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1980 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1981 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1981 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1981 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1982 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1982 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1982 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1983 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1983 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1983 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1984 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1984 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1984 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1985 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1985 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1985 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1986 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1986 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1986 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1987 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1987 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1987 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1988 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1988 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1988 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1989 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1989 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1989 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1990 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1990 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1990 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1991 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1991 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1991 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1992 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1992 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1992 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1993 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1993 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1993 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1994 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1994 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1994 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1995 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1995 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1995 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1996 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1996 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1996 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1997 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1997 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1997 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1998 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1998 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1998 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 1999 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 1999 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 1999 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2000 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2000 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2000 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2001 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2001 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2001 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2002 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2002 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2002 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2003 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2003 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2003 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2004 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |

|          |    |    |    |   |   |   |   |
|----------|----|----|----|---|---|---|---|
| SUM 2004 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2004 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2005 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2005 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2005 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2006 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2006 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2006 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2007 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2007 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2007 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2008 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2008 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2008 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2009 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2009 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2009 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2010 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2010 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2010 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2011 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2011 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2011 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2012 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2012 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2012 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2013 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2013 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2013 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2014 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2014 | 24 | 0  | 20 | 0 | 5 | 0 | 0 |
| WIN 2014 | 24 | 0  | 20 | 0 | 5 | 0 | 0 |
| SPR 2015 | 24 | 0  | 20 | 0 | 5 | 0 | 0 |
| SUM 2015 | 24 | 0  | 20 | 0 | 5 | 0 | 0 |
| WIN 2015 | 24 | 0  | 20 | 0 | 5 | 0 | 0 |
| SPR 2016 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2016 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2016 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2017 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2017 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2017 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2018 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2018 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2018 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2019 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2019 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2019 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2020 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2020 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2020 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2021 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2021 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2021 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2022 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2022 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2022 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2023 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2023 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2023 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2024 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2024 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2024 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2025 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2025 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2025 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2026 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2026 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2026 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2027 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2027 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2027 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2028 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2028 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2028 | 0  | 20 | 20 | 5 | 5 | 0 | 0 |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| SPR 2029 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2029 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2029 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2030 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2030 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2030 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2031 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2031 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2031 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2032 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2032 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2032 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2033 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2033 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2033 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2034 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2034 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2034 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2035 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2035 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2035 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2036 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2036 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2036 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2037 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2037 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2037 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2038 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2038 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2038 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2039 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2039 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2039 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2040 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2040 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2040 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2041 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2041 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2041 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2042 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2042 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2042 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2043 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2043 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2043 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2044 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2044 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2044 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2045 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2045 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2045 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2046 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2046 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2046 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2047 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2047 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2047 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2048 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2048 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2048 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2049 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2049 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2049 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2050 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2050 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2050 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2051 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2051 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2051 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2052 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2052 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2052 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2053 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2053 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| WIN 2053 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2054 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2054 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2054 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2055 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2055 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2055 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2056 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2056 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2056 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2057 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2057 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2057 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2058 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2058 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2058 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2059 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2059 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2059 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2060 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2060 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2060 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2061 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2061 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2061 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2062 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2062 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2062 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2063 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2063 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2063 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2064 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2064 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2064 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2065 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2065 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2065 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2066 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2066 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2066 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2067 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2067 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2067 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2068 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2068 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2068 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2069 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2069 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2069 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2070 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2070 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2070 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2071 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2071 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2071 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2072 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2072 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2072 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2073 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2073 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2073 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2074 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2074 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2074 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2075 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2075 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2075 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2076 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2076 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2076 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2077 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2077 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2077 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2078 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |

|          |   |    |    |   |   |   |   |
|----------|---|----|----|---|---|---|---|
| SUM 2078 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2078 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2079 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2079 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2079 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2080 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2080 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2080 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2081 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2081 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2081 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2082 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2082 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2082 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2083 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2083 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2083 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
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| SUM 2084 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2084 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2085 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2085 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2085 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2086 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2086 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2086 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2087 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2087 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2087 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2088 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2088 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2088 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2089 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2089 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2089 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2090 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2090 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2090 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2091 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2091 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2091 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2092 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2092 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2092 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2093 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2093 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2093 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2094 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2094 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2094 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2095 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2095 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2095 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2096 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2096 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2096 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2097 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2097 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2097 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2098 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2098 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2098 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2099 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2099 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2099 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2100 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2100 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2100 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2101 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2101 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2101 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2102 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2102 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2102 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |

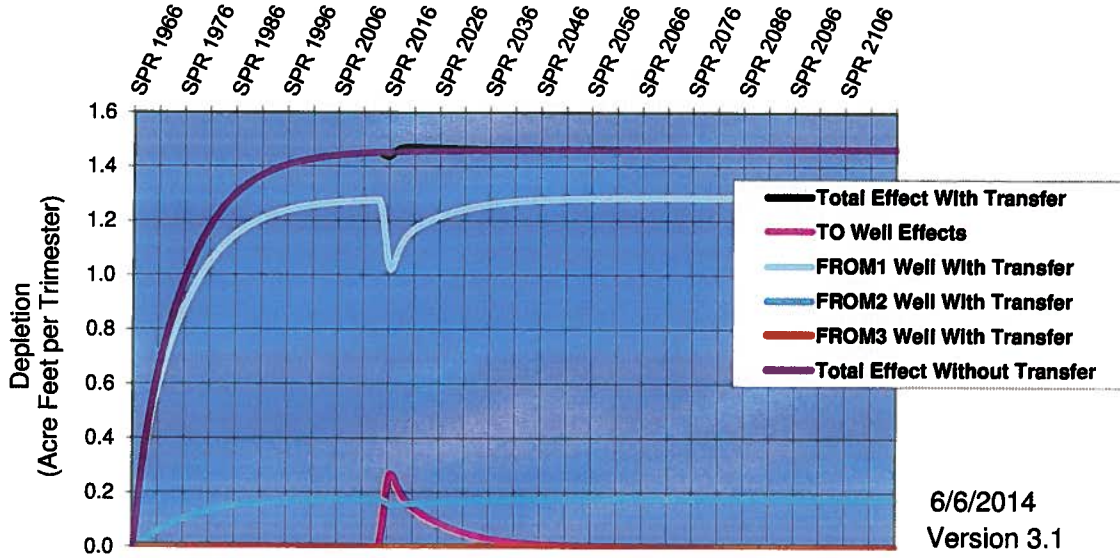
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|----------|---|----|----|---|---|---|---|
| SPR 2103 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2103 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2103 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2104 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2104 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2104 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2105 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2105 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2105 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2106 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2106 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2106 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2107 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2107 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2107 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2108 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2108 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2108 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2109 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2109 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2109 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2110 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2110 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2110 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2111 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2111 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2111 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2112 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2112 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2112 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2113 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2113 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2113 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2114 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2114 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2114 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SPR 2115 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| SUM 2115 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |
| WIN 2115 | 0 | 20 | 20 | 5 | 5 | 0 | 0 |

**Attachment 4**

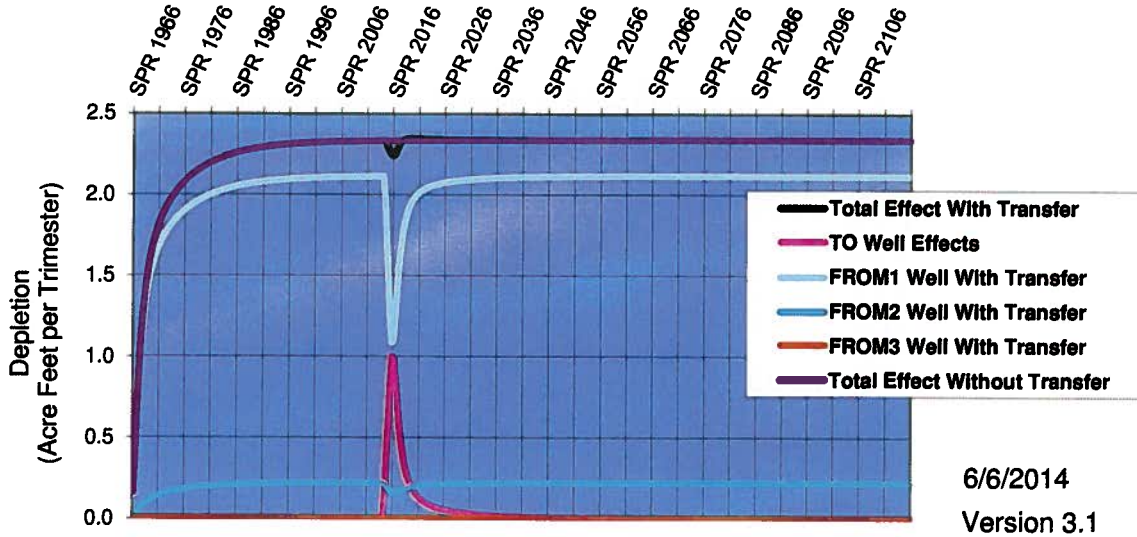
**Groundwater Transfer Tool:**

**Graphs above Milner**

**Hydrologic Response--Ashton to Rexburg**  
**Customer Name: S. Interchange Transfer No:**



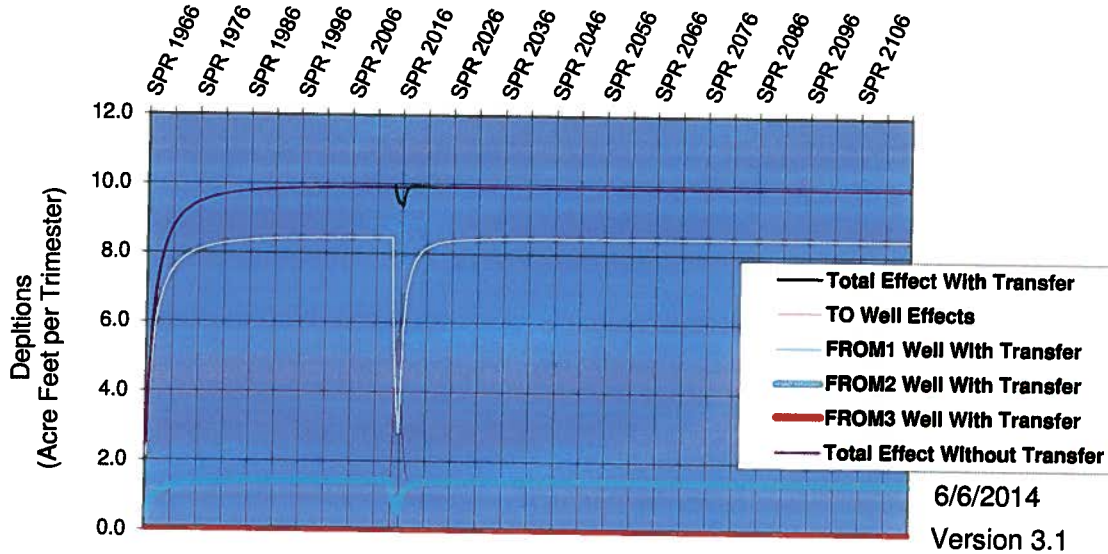
**Hydrologic Response--Helse to Shelley**  
**Customer Name: S. Interchange Transfer No:**



### Hydrologic Response--Shelley to Near Blackfoot

Customer Name: S.

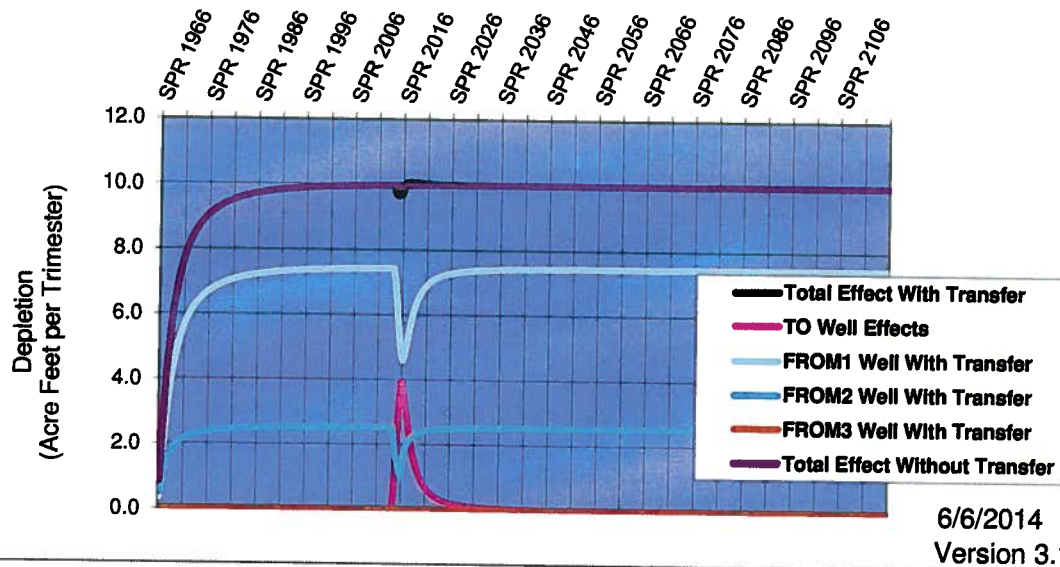
Transfer No:

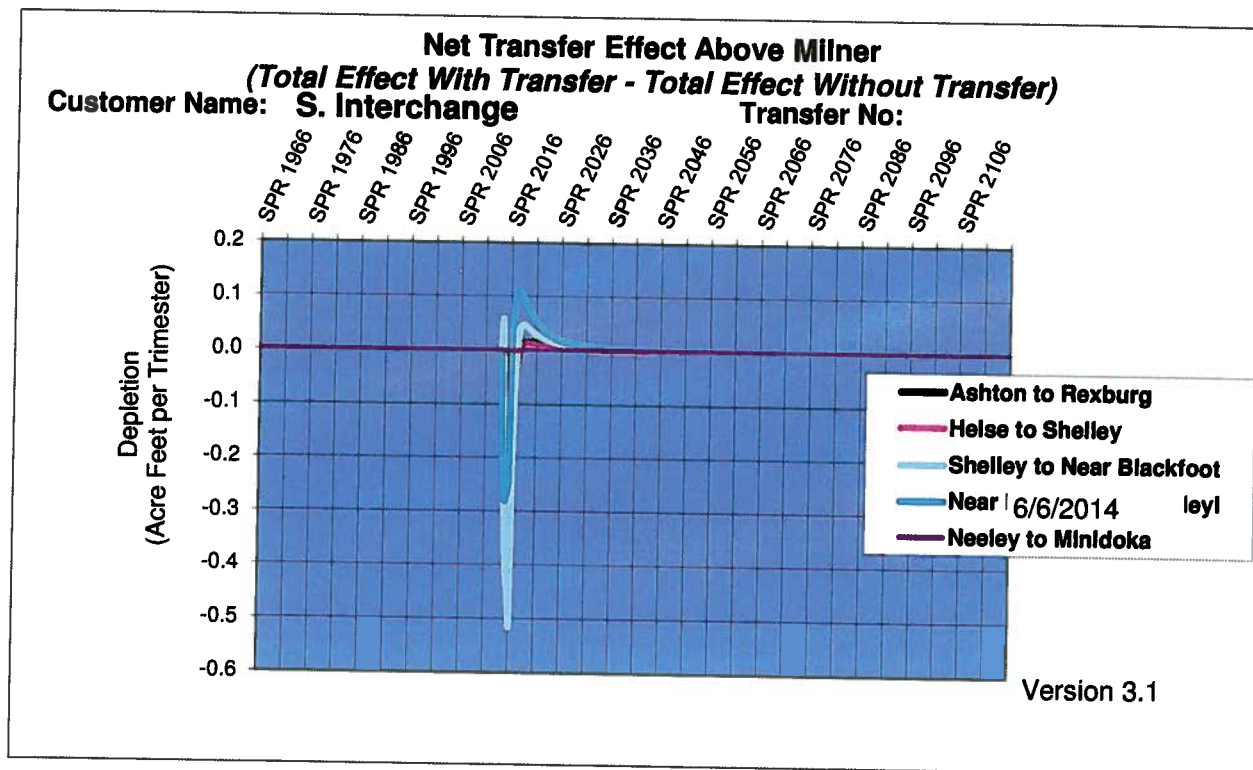
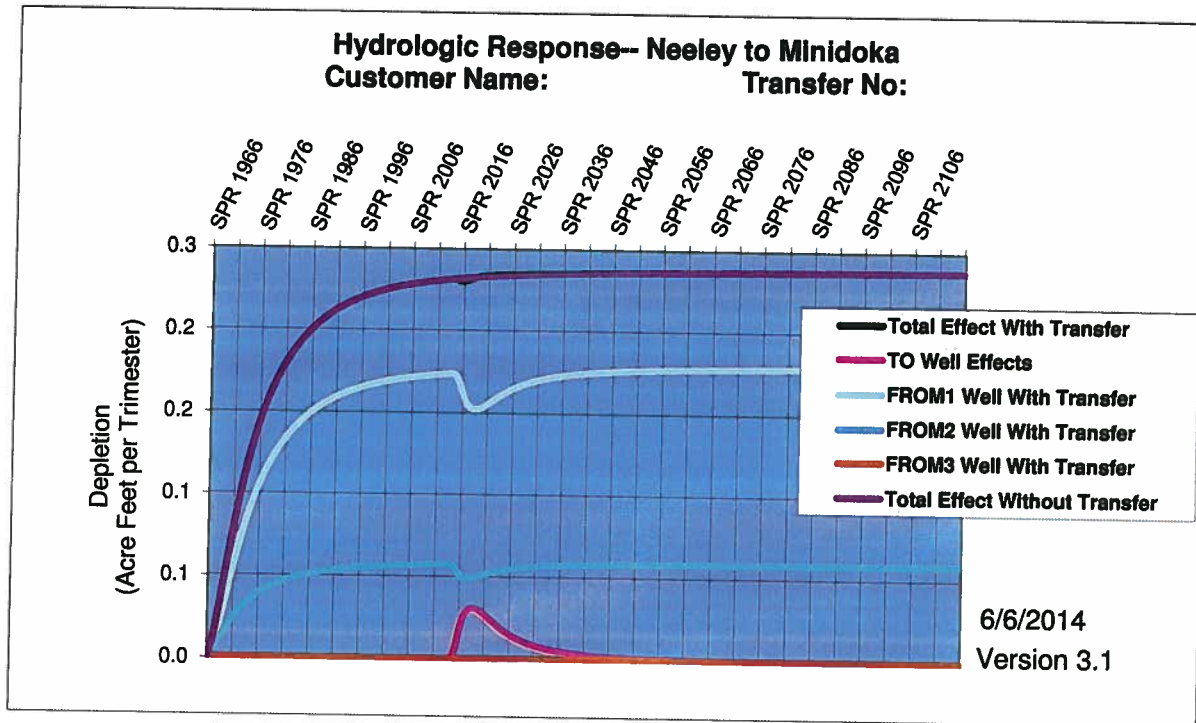


### Hydrologic Response-- Near Blackfoot to Neeley

Customer Name: S.

Transfer No:



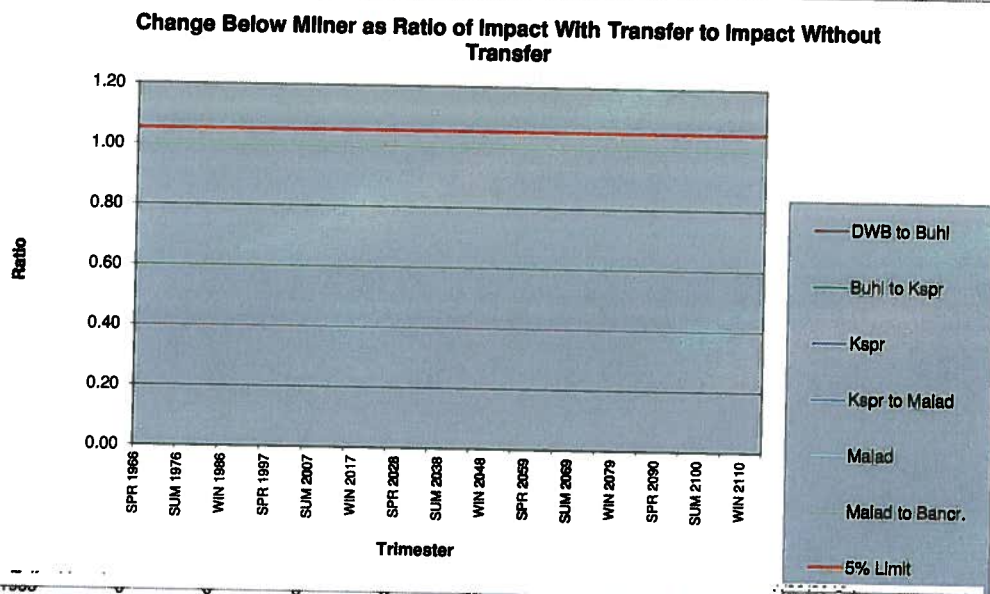
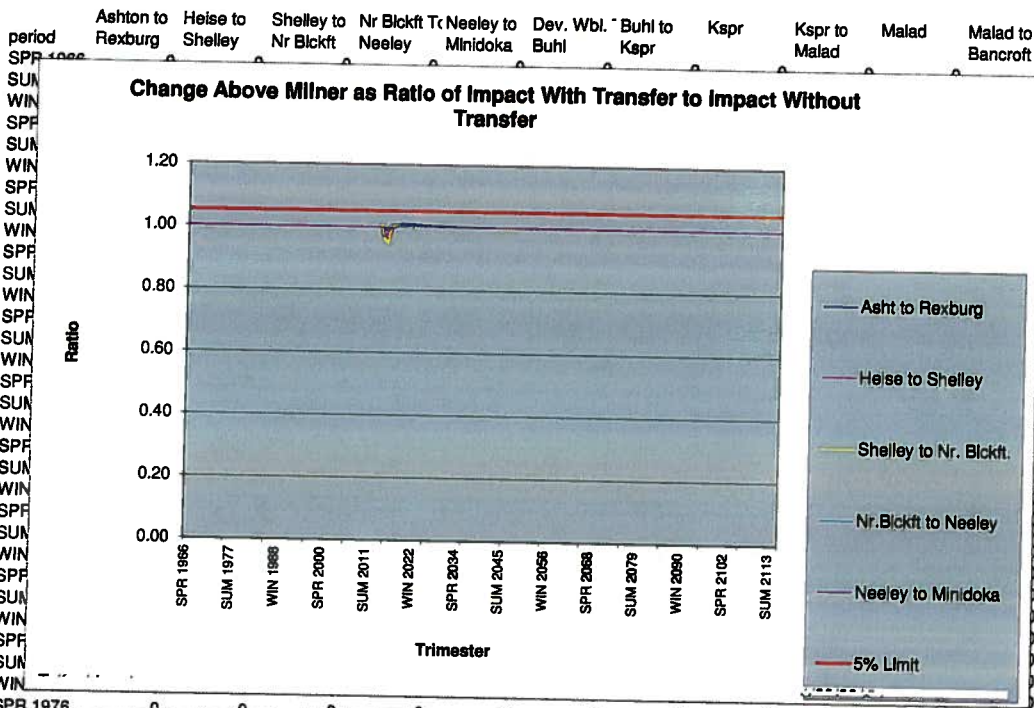


**Attachment 5**

**Groundwater Transfer Tool:**

**Change Ratio**

Net effect of transfer, acre feet

[illegible]

|          |          |          |          |          |          |          |          |          |          |          |          |   |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| SUM 1990 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1990 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1991 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1991 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1991 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1992 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1992 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1992 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1993 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1993 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1993 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1994 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1994 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1994 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1995 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1995 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1995 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1996 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1996 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1996 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1997 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1997 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1997 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1998 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1998 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1998 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 1999 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 1999 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 1999 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2000 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2000 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2000 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2001 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2001 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2001 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2002 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2002 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2002 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2003 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2003 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2003 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2004 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2004 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2004 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2005 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2005 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2005 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2006 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2006 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2006 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2007 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2007 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2007 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2008 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2008 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2008 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2009 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2009 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2009 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2010 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2010 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2010 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2011 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2011 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2011 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2012 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2012 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2012 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2013 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2013 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| WIN 2013 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SPR 2014 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0 |
| SUM 2014 | -0.00105 | -0.00214 | 0.059492 | -0.20627 | -0.00026 | -3E-06   | -9.6E-07 | -6E-07   | -6.1E-08 | -5.5E-07 | -1.7E-08 |   |
| WIN 2014 | -0.00392 | -0.02278 | -0.21921 | -0.27371 | -0.00064 | -1.6E-05 | -5.1E-06 | -3.2E-06 | -3.3E-07 | -2.9E-06 | -9E-08   |   |
| SPR 2015 | -0.00776 | -0.0489  | -0.36392 | -0.28028 | -0.001   | -4.4E-05 | -1.5E-05 | -9.3E-06 | -9.7E-07 | -8.6E-06 | -2.7E-07 |   |
| SUM 2015 | -0.01123 | -0.06992 | -0.42676 | -0.26731 | -0.00129 | -9.3E-05 | -3.2E-05 | -2E-05   | -2.1E-06 | -1.8E-05 | -5.8E-07 |   |
| WIN 2015 | -0.01353 | -0.08329 | -0.45058 | -0.2477  | -0.00153 | -0.00016 | -5.6E-05 | -3.5E-05 | -3.7E-06 | -3.3E-05 | -1E-06   |   |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SPR 2016 | -0.01342 | -0.08817 | -0.51536 | -0.01949 | -0.00144 | -0.00024 | -8.6E-05 | -5.4E-05 | -5.7E-06 | -5E-05   | -1.6E-06 |
| SUM 2016 | -0.01024 | -0.07022 | -0.23306 | 0.070431 | -0.0012  | -0.00032 | -0.00012 | -7.3E-05 | -7.8E-06 | -6.7E-05 | -2.2E-06 |
| WIN 2016 | -0.00515 | -0.04415 | -0.08058 | 0.099059 | -0.00093 | -0.00038 | -0.00014 | -8.9E-05 | -9.6E-06 | -8.3E-05 | -2.8E-06 |
| SPR 2017 | 0.00028  | -0.02167 | -0.00818 | 0.107244 | -0.00068 | -0.00042 | -0.00016 | -0.0001  | -1.1E-05 | -9.4E-05 | -3.2E-06 |
| SUM 2017 | 0.005021 | -0.00602 | 0.02575  | 0.107625 | -0.00047 | -0.00044 | -0.00017 | -0.00011 | -1.2E-05 | -9.9E-05 | -3.4E-06 |
| WIN 2017 | 0.00871  | 0.003667 | 0.041065 | 0.104379 | -0.00028 | -0.00042 | -0.00016 | -0.0001  | -1.1E-05 | -9.8E-05 | -3.4E-06 |
| SPR 2018 | 0.011374 | 0.009191 | 0.047098 | 0.093302 | -0.00011 | -0.00038 | -0.00015 | -9.7E-05 | -1.1E-05 | -9.2E-05 | -3.2E-06 |
| SUM 2018 | 0.013197 | 0.012087 | 0.048403 | 0.093351 | 4.14E-05 | -0.00033 | -0.00013 | -8.5E-05 | -9.4E-06 | -8.1E-05 | -2.9E-06 |
| WIN 2018 | 0.014381 | 0.013409 | 0.047302 | 0.087083 | 0.000177 | -0.00026 | -0.00011 | -6.9E-05 | -7.7E-06 | -6.6E-05 | -2.4E-06 |
| SPR 2019 | 0.015102 | 0.013823 | 0.045018 | 0.080832 | 0.000296 | -0.00018 | -7.9E-05 | -5E-05   | -5.8E-06 | -4.9E-05 | -1.8E-06 |
| SUM 2019 | 0.015495 | 0.013728 | 0.042213 | 0.074796 | 0.000401 | -0.0001  | -4.8E-05 | -3.1E-05 | -3.7E-06 | -3.1E-05 | -1.2E-06 |
| WIN 2019 | 0.015657 | 0.013359 | 0.03925  | 0.069084 | 0.00049  | -2E-05   | -1.7E-05 | -1.1E-05 | -1.5E-06 | -1.3E-05 | -6E-07   |
| SPR 2020 | 0.015657 | 0.012853 | 0.036317 | 0.063752 | 0.000566 | 5.92E-05 | 1.45E-05 | 8.56E-06 | 6.74E-07 | 5.77E-06 | 3.36E-08 |
| SUM 2020 | 0.015543 | 0.012287 | 0.03352  | 0.058821 | 0.000629 | 0.000135 | 4.43E-05 | 2.75E-05 | 2.76E-06 | 2.37E-05 | 6.55E-07 |
| WIN 2020 | 0.015349 | 0.011707 | 0.030908 | 0.054289 | 0.00068  | 0.000206 | 7.25E-05 | 4.54E-05 | 4.73E-06 | 4.06E-05 | 1.25E-06 |
| SPR 2021 | 0.0151   | 0.011133 | 0.028501 | 0.050144 | 0.00072  | 0.000271 | 9.86E-05 | 6.19E-05 | 6.57E-06 | 5.65E-05 | 1.81E-06 |
| SUM 2021 | 0.014811 | 0.010582 | 0.026296 | 0.046363 | 0.000751 | 0.00033  | 0.000122 | 7.71E-05 | 8.26E-06 | 7.1E-05  | 2.32E-06 |
| WIN 2021 | 0.014494 | 0.010058 | 0.024289 | 0.042919 | 0.000773 | 0.000384 | 0.000144 | 9.09E-05 | 9.79E-06 | 8.42E-05 | 2.79E-06 |
| SPR 2022 | 0.014159 | 0.009564 | 0.022465 | 0.039786 | 0.000788 | 0.000431 | 0.000163 | 0.000103 | 1.12E-05 | 9.6E-05  | 3.22E-06 |
| SUM 2022 | 0.01381  | 0.009099 | 0.020809 | 0.036936 | 0.000796 | 0.000473 | 0.00018  | 0.000114 | 1.24E-05 | 0.000107 | 3.6E-06  |
| WIN 2022 | 0.013454 | 0.008662 | 0.019306 | 0.034343 | 0.000799 | 0.00051  | 0.000195 | 0.000124 | 1.35E-05 | 0.000116 | 3.93E-06 |
| SPR 2023 | 0.013093 | 0.008252 | 0.017941 | 0.031981 | 0.000798 | 0.000542 | 0.000208 | 0.000132 | 1.44E-05 | 0.000124 | 4.23E-06 |
| SUM 2023 | 0.012729 | 0.007867 | 0.016701 | 0.029829 | 0.000793 | 0.000569 | 0.000219 | 0.000139 | 1.52E-05 | 0.000131 | 4.48E-06 |
| WIN 2023 | 0.012366 | 0.007505 | 0.015571 | 0.027864 | 0.000785 | 0.000592 | 0.000229 | 0.000145 | 1.59E-05 | 0.000137 | 4.7E-06  |
| SPR 2024 | 0.012005 | 0.007164 | 0.01454  | 0.026067 | 0.000774 | 0.000611 | 0.000236 | 0.00015  | 1.64E-05 | 0.000142 | 4.88E-06 |
| SUM 2024 | 0.011646 | 0.006842 | 0.013598 | 0.024422 | 0.000761 | 0.000626 | 0.000243 | 0.000154 | 1.69E-05 | 0.000146 | 5.03E-06 |
| WIN 2024 | 0.011292 | 0.006539 | 0.012737 | 0.022913 | 0.000747 | 0.000638 | 0.000248 | 0.000157 | 1.73E-05 | 0.000149 | 5.16E-06 |
| SPR 2025 | 0.010942 | 0.006252 | 0.011946 | 0.021525 | 0.000732 | 0.000647 | 0.000252 | 0.00016  | 1.75E-05 | 0.000151 | 5.26E-06 |
| SUM 2025 | 0.010598 | 0.00598  | 0.01122  | 0.020248 | 0.000715 | 0.000654 | 0.000255 | 0.000162 | 1.78E-05 | 0.000153 | 5.33E-06 |
| WIN 2025 | 0.010259 | 0.005722 | 0.010551 | 0.01907  | 0.000698 | 0.000658 | 0.000257 | 0.000163 | 1.79E-05 | 0.000154 | 5.38E-06 |
| SPR 2026 | 0.009928 | 0.005477 | 0.009933 | 0.017982 | 0.000681 | 0.000661 | 0.000258 | 0.000163 | 1.8E-05  | 0.000155 | 5.42E-06 |
| SUM 2026 | 0.009602 | 0.005244 | 0.009363 | 0.016974 | 0.000663 | 0.000661 | 0.000258 | 0.000164 | 1.8E-05  | 0.000156 | 5.44E-06 |
| WIN 2026 | 0.009284 | 0.005022 | 0.008834 | 0.01604  | 0.000646 | 0.00066  | 0.000258 | 0.000163 | 1.8E-05  | 0.000155 | 5.43E-06 |
| SPR 2027 | 0.008973 | 0.004811 | 0.008344 | 0.015172 | 0.000628 | 0.000658 | 0.000257 | 0.000163 | 1.8E-05  | 0.000155 | 5.43E-06 |
| SUM 2027 | 0.00867  | 0.00461  | 0.007888 | 0.014364 | 0.00061  | 0.000654 | 0.000255 | 0.000162 | 1.79E-05 | 0.000154 | 5.41E-06 |
| WIN 2027 | 0.008374 | 0.004418 | 0.007464 | 0.013611 | 0.000593 | 0.000649 | 0.000253 | 0.000161 | 1.77E-05 | 0.000153 | 5.38E-06 |
| SPR 2028 | 0.008086 | 0.004235 | 0.007069 | 0.012908 | 0.000576 | 0.000643 | 0.000251 | 0.000159 | 1.76E-05 | 0.000152 | 5.34E-06 |
| SUM 2028 | 0.007805 | 0.00406  | 0.0067   | 0.012251 | 0.000559 | 0.000636 | 0.000248 | 0.000158 | 1.74E-05 | 0.00015  | 5.29E-06 |
| WIN 2028 | 0.007532 | 0.003893 | 0.006355 | 0.011636 | 0.000543 | 0.000628 | 0.000246 | 0.000156 | 1.72E-05 | 0.000148 | 5.23E-06 |
| SPR 2029 | 0.007267 | 0.003733 | 0.006032 | 0.011059 | 0.000526 | 0.00062  | 0.000242 | 0.000154 | 1.7E-05  | 0.000147 | 5.17E-06 |
| SUM 2029 | 0.00701  | 0.00358  | 0.005729 | 0.010518 | 0.000511 | 0.000612 | 0.000239 | 0.000152 | 1.67E-05 | 0.000145 | 5.1E-06  |
| WIN 2029 | 0.00676  | 0.003433 | 0.005445 | 0.01001  | 0.000495 | 0.000603 | 0.000235 | 0.000149 | 1.65E-05 | 0.000142 | 5.03E-06 |
| SPR 2030 | 0.006518 | 0.003293 | 0.005178 | 0.009532 | 0.00048  | 0.000593 | 0.000232 | 0.000147 | 1.62E-05 | 0.00014  | 4.96E-06 |
| SUM 2030 | 0.006283 | 0.003159 | 0.004927 | 0.009082 | 0.000466 | 0.000583 | 0.000228 | 0.000145 | 1.6E-05  | 0.000138 | 4.88E-06 |
| WIN 2030 | 0.006055 | 0.003031 | 0.00469  | 0.008658 | 0.000452 | 0.000573 | 0.000224 | 0.000142 | 1.57E-05 | 0.000135 | 4.8E-06  |
| SPR 2031 | 0.005835 | 0.002908 | 0.004467 | 0.008257 | 0.000438 | 0.000563 | 0.00022  | 0.00014  | 1.54E-05 | 0.000133 | 4.72E-06 |
| SUM 2031 | 0.005622 | 0.00279  | 0.004257 | 0.007879 | 0.000425 | 0.000552 | 0.000216 | 0.000137 | 1.51E-05 | 0.00013  | 4.63E-06 |
| WIN 2031 | 0.005415 | 0.002677 | 0.004058 | 0.007522 | 0.000412 | 0.000542 | 0.000211 | 0.000134 | 1.48E-05 | 0.000128 | 4.55E-06 |
| SPR 2032 | 0.005216 | 0.002569 | 0.003871 | 0.007184 | 0.000399 | 0.000531 | 0.000207 | 0.000132 | 1.45E-05 | 0.000125 | 4.46E-06 |
| SUM 2032 | 0.005023 | 0.002465 | 0.003693 | 0.006864 | 0.000387 | 0.00052  | 0.000203 | 0.000129 | 1.42E-05 | 0.000123 | 4.38E-06 |
| WIN 2032 | 0.004837 | 0.002366 | 0.003524 | 0.006561 | 0.000375 | 0.00051  | 0.000199 | 0.000126 | 1.39E-05 | 0.00012  | 4.29E-06 |
| SPR 2033 | 0.004658 | 0.002271 | 0.003366 | 0.006274 | 0.000364 | 0.000499 | 0.000195 | 0.000124 | 1.36E-05 | 0.000118 | 4.2E-06  |
| SUM 2033 | 0.004484 | 0.00218  | 0.003215 | 0.006001 | 0.000353 | 0.000488 | 0.00019  | 0.000121 | 1.33E-05 | 0.000115 | 4.12E-06 |
| WIN 2033 | 0.004317 | 0.002092 | 0.003072 | 0.005743 | 0.000342 | 0.000478 | 0.000186 | 0.000118 | 1.31E-05 | 0.000113 | 4.03E-06 |
| SPR 2034 | 0.004155 | 0.002008 | 0.002937 | 0.005497 | 0.000332 | 0.000467 | 0.000182 | 0.000116 | 1.28E-05 | 0.00011  | 3.95E-06 |
| SUM 2034 | 0.003999 | 0.001928 | 0.002809 | 0.005263 | 0.000322 | 0.000456 | 0.000178 | 0.000113 | 1.25E-05 | 0.000108 | 3.86E-06 |
| WIN 2034 | 0.003849 | 0.001851 | 0.002687 | 0.005042 | 0.000312 | 0.000446 | 0.000174 | 0.00011  | 1.22E-05 | 0.000105 | 3.78E-06 |
| SPR 2035 | 0.003704 | 0.001777 | 0.002571 | 0.00483  | 0.000303 | 0.000436 | 0.00017  | 0.000108 | 1.19E-05 | 0.000103 | 3.7E-06  |
| SUM 2035 | 0.003564 | 0.001706 | 0.00246  | 0.004629 | 0.000294 | 0.000426 | 0.000166 | 0.000105 | 1.16E-05 | 0.0001   | 3.61E-06 |
| WIN 2035 | 0.003429 | 0.001638 | 0.002356 | 0.004438 | 0.000285 | 0.000416 | 0.000162 | 0.000103 | 1.13E-05 | 9.79E-05 | 3.53E-06 |
| SPR 2036 | 0.0033   | 0.001573 | 0.002255 | 0.004255 | 0.000276 | 0.000406 | 0.000158 | 0.0001   | 1.11E-05 | 9.56E-05 | 3.45E-06 |
| SUM 2036 | 0.003175 | 0.001511 | 0.002161 | 0.004081 | 0.000268 | 0.000396 | 0.000154 | 9.78E-05 | 1.08E-05 | 9.32E-05 | 3.38E-06 |
| WIN 2036 | 0.003055 | 0.001451 | 0.00207  | 0.003915 | 0.00026  | 0.000387 | 0.00015  | 9.55E-05 | 1.05E-05 | 9.1E-05  | 3.3E-06  |
| SPR 2037 | 0.002939 | 0.001393 | 0.001983 | 0.003757 | 0.000252 | 0.000377 | 0.000147 | 9.31E-05 | 1.03E-05 | 8.87E-05 | 3.22E-06 |
| SUM 2037 | 0.002827 | 0.001338 | 0.001901 | 0.003606 | 0.000245 | 0.000368 | 0.000143 | 9.08E-05 | 1E-05    | 8.65E-05 | 3.15E-06 |
| WIN 2037 | 0.00272  | 0.001285 | 0.001823 | 0.003462 | 0.000237 | 0.000359 | 0.00014  | 8.86E-05 | 9.78E-06 | 8.44E-05 | 3.08E-06 |
| SPR 2038 | 0.002616 | 0.001234 | 0.001748 | 0.003324 | 0.00023  | 0.00035  | 0.000136 | 8.63E-05 | 9.53E-06 | 8.23E-05 | 3.01E-06 |
| SUM 2038 | 0.002517 | 0.001186 | 0.001676 | 0.003193 | 0.000223 | 0.000342 | 0.000133 | 8.42E-05 | 9.29E-06 | 8.02E-05 | 2.94E-06 |
| WIN 2038 | 0.002421 | 0.001139 | 0.001608 | 0.003067 | 0.000217 | 0.000333 | 0.000129 | 8.2E-05  | 9.06E-06 | 7.82E-05 | 2.87E-06 |
| SPR 2039 | 0.002329 | 0.001094 | 0.001543 | 0.002947 | 0.00021  | 0.000325 | 0.000126 | 8E-05    | 8.83E-06 | 7.62E-05 | 2.8E-06  |
| SUM 2039 | 0.002241 | 0.001051 | 0.001481 | 0.002833 | 0.000204 | 0.000316 | 0.000123 | 7.79E-05 | 8.6E-06  | 7.42E-05 | 2.74E-06 |
| WIN 2039 | 0.002155 | 0.00101  | 0.001421 | 0.002723 | 0.000198 | 0.000308 | 0.00012  | 7.59E-05 | 8.38E-06 | 7.23E-05 | 2.68E-06 |
| SPR 2040 | 0.002074 | 0.000971 | 0.001365 | 0.002618 | 0.000192 | 0.000301 | 0.000117 | 7.4E-05  | 8.17E-06 | 7.04E-05 | 2.61E-06 |
| SUM 2040 | 0.001995 | 0.000933 | 0.001311 | 0.002517 | 0.000187 | 0.000293 | 0.000114 | 7.21E-05 | 7.96E-06 | 6.86E-05 | 2.55E-06 |
| WIN 2040 | 0.001919 | 0.000896 | 0.001259 | 0.002421 | 0.000181 | 0.000285 | 0.000111 | 7.02E-05 | 7.75E-06 | 6.68E-05 | 2.49E-06 |
| SPR 2041 | 0.001846 | 0.000861 | 0.001209 | 0.002329 | 0.000176 | 0.000278 | 0.000108 | 6.84E-05 | 7.55E-06 | 6.51E-05 | 2.44E-06 |
| SUM 2041 | 0.001776 | 0.000828 | 0.001162 | 0.00224  | 0.000171 | 0.000271 | 0.000105 | 6.66E-05 | 7.35E-06 | 6.34E-05 | 2.38E-06 |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| WIN 2041 | 0.001708 | 0.000796 | 0.001117 | 0.002156 | 0.000166 | 0.000264 | 0.000102 | 6.49E-05 | 7.16E-06 | 6.17E-05 | 2.32E-06 |
| SPR 2042 | 0.001644 | 0.000765 | 0.001073 | 0.002075 | 0.000161 | 0.000257 | 9.96E-05 | 6.32E-05 | 6.97E-06 | 6.01E-05 | 2.27E-06 |
| SUM 2042 | 0.001581 | 0.000736 | 0.001032 | 0.001997 | 0.000156 | 0.000251 | 9.7E-05  | 6.15E-05 | 6.79E-06 | 5.85E-05 | 2.22E-06 |
| WIN 2042 | 0.001522 | 0.000707 | 0.000992 | 0.001923 | 0.000152 | 0.000244 | 9.44E-05 | 5.99E-05 | 6.61E-06 | 5.7E-05  | 2.17E-06 |
| SPR 2043 | 0.001464 | 0.00068  | 0.000954 | 0.001852 | 0.000147 | 0.000238 | 9.2E-05  | 5.83E-05 | 6.44E-06 | 5.55E-05 | 2.12E-06 |
| SUM 2043 | 0.001409 | 0.000654 | 0.000918 | 0.001783 | 0.000143 | 0.000232 | 8.95E-05 | 5.68E-05 | 6.27E-06 | 5.4E-05  | 2.07E-06 |
| WIN 2043 | 0.001356 | 0.000629 | 0.000883 | 0.001717 | 0.000139 | 0.000226 | 8.72E-05 | 5.53E-05 | 6.1E-06  | 5.26E-05 | 2.02E-06 |
| SPR 2044 | 0.001304 | 0.000605 | 0.00085  | 0.001654 | 0.000135 | 0.00022  | 8.49E-05 | 5.39E-05 | 5.94E-06 | 5.12E-05 | 1.97E-06 |
| SUM 2044 | 0.001255 | 0.000582 | 0.000818 | 0.001594 | 0.000131 | 0.000214 | 8.27E-05 | 5.24E-05 | 5.79E-06 | 4.99E-05 | 1.93E-06 |
| WIN 2044 | 0.001208 | 0.000559 | 0.000786 | 0.001536 | 0.000127 | 0.000208 | 8.05E-05 | 5.11E-05 | 5.63E-06 | 4.85E-05 | 1.88E-06 |
| SPR 2045 | 0.001163 | 0.000538 | 0.000756 | 0.00148  | 0.000124 | 0.000203 | 7.83E-05 | 4.97E-05 | 5.48E-06 | 4.72E-05 | 1.84E-06 |
| SUM 2045 | 0.001119 | 0.000518 | 0.000727 | 0.001427 | 0.00012  | 0.000198 | 7.63E-05 | 4.84E-05 | 5.34E-06 | 4.6E-05  | 1.8E-06  |
| WIN 2045 | 0.001077 | 0.000498 | 0.000701 | 0.001375 | 0.000117 | 0.000192 | 7.43E-05 | 4.71E-05 | 5.2E-06  | 4.48E-05 | 1.76E-06 |
| SPR 2046 | 0.001037 | 0.000479 | 0.000674 | 0.001326 | 0.000114 | 0.000187 | 7.23E-05 | 4.59E-05 | 5.06E-06 | 4.36E-05 | 1.72E-06 |
| SUM 2046 | 0.000998 | 0.000461 | 0.00065  | 0.001278 | 0.00011  | 0.000183 | 7.04E-05 | 4.46E-05 | 4.92E-06 | 4.24E-05 | 1.68E-06 |
| WIN 2046 | 0.000961 | 0.000444 | 0.000626 | 0.001232 | 0.000107 | 0.000178 | 6.85E-05 | 4.35E-05 | 4.79E-06 | 4.13E-05 | 1.64E-06 |
| SPR 2047 | 0.000925 | 0.000427 | 0.000603 | 0.001188 | 0.000104 | 0.000173 | 6.67E-05 | 4.23E-05 | 4.67E-06 | 4.02E-05 | 1.61E-06 |
| SUM 2047 | 0.000891 | 0.000411 | 0.000581 | 0.001146 | 0.000101 | 0.000169 | 6.5E-05  | 4.12E-05 | 4.54E-06 | 3.91E-05 | 1.57E-06 |
| WIN 2047 | 0.000857 | 0.000396 | 0.000559 | 0.001105 | 9.84E-05 | 0.000164 | 6.32E-05 | 4.01E-05 | 4.42E-06 | 3.81E-05 | 1.54E-06 |
| SPR 2048 | 0.000826 | 0.000381 | 0.000539 | 0.001066 | 9.56E-05 | 0.00016  | 6.16E-05 | 3.9E-05  | 4.31E-06 | 3.71E-05 | 1.5E-06  |
| SUM 2048 | 0.000795 | 0.000367 | 0.000519 | 0.001029 | 9.3E-05  | 0.000156 | 5.99E-05 | 3.8E-05  | 4.19E-06 | 3.61E-05 | 1.47E-06 |
| WIN 2048 | 0.000766 | 0.000353 | 0.0005   | 0.000993 | 9.04E-05 | 0.000152 | 5.84E-05 | 3.7E-05  | 4.08E-06 | 3.51E-05 | 1.44E-06 |
| SPR 2049 | 0.000737 | 0.00034  | 0.000482 | 0.000959 | 8.79E-05 | 0.000148 | 5.68E-05 | 3.6E-05  | 3.97E-06 | 3.42E-05 | 1.4E-06  |
| SUM 2049 | 0.00071  | 0.000328 | 0.000465 | 0.000925 | 8.54E-05 | 0.000144 | 5.53E-05 | 3.51E-05 | 3.87E-06 | 3.33E-05 | 1.37E-06 |
| WIN 2049 | 0.000684 | 0.000315 | 0.000448 | 0.000893 | 8.31E-05 | 0.00014  | 5.39E-05 | 3.42E-05 | 3.77E-06 | 3.24E-05 | 1.34E-06 |
| SPR 2050 | 0.000659 | 0.000304 | 0.000432 | 0.000863 | 8.08E-05 | 0.000136 | 5.24E-05 | 3.32E-05 | 3.67E-06 | 3.16E-05 | 1.31E-06 |
| SUM 2050 | 0.000635 | 0.000293 | 0.000417 | 0.000833 | 7.85E-05 | 0.000133 | 5.11E-05 | 3.24E-05 | 3.57E-06 | 3.07E-05 | 1.29E-06 |
| WIN 2050 | 0.000612 | 0.000282 | 0.000402 | 0.000804 | 7.64E-05 | 0.000129 | 4.97E-05 | 3.15E-05 | 3.48E-06 | 2.99E-05 | 1.26E-06 |
| SPR 2051 | 0.00059  | 0.000272 | 0.000387 | 0.000777 | 7.43E-05 | 0.000126 | 4.84E-05 | 3.07E-05 | 3.38E-06 | 2.91E-05 | 1.23E-06 |
| SUM 2051 | 0.000568 | 0.000262 | 0.000373 | 0.00075  | 7.22E-05 | 0.000123 | 4.72E-05 | 2.99E-05 | 3.3E-06  | 2.84E-05 | 1.21E-06 |
| WIN 2051 | 0.000548 | 0.000252 | 0.000359 | 0.000724 | 7.03E-05 | 0.00012  | 4.59E-05 | 2.91E-05 | 3.21E-06 | 2.76E-05 | 1.18E-06 |
| SPR 2052 | 0.000528 | 0.000243 | 0.000347 | 0.000699 | 6.84E-05 | 0.000117 | 4.47E-05 | 2.83E-05 | 3.12E-06 | 2.69E-05 | 1.15E-06 |
| SUM 2052 | 0.000509 | 0.000234 | 0.000335 | 0.000676 | 6.65E-05 | 0.000113 | 4.35E-05 | 2.76E-05 | 3.04E-06 | 2.62E-05 | 1.13E-06 |
| WIN 2052 | 0.000491 | 0.000225 | 0.000323 | 0.000653 | 6.47E-05 | 0.000111 | 4.24E-05 | 2.69E-05 | 2.96E-06 | 2.55E-05 | 1.11E-06 |
| SPR 2053 | 0.000473 | 0.000217 | 0.000312 | 0.00063  | 6.3E-05  | 0.000108 | 4.13E-05 | 2.62E-05 | 2.89E-06 | 2.48E-05 | 1.08E-06 |
| SUM 2053 | 0.000456 | 0.000209 | 0.000302 | 0.00061  | 6.13E-05 | 0.000105 | 4.02E-05 | 2.55E-05 | 2.81E-06 | 2.42E-05 | 1.06E-06 |
| WIN 2053 | 0.00044  | 0.000202 | 0.000291 | 0.00059  | 5.96E-05 | 0.000102 | 3.92E-05 | 2.48E-05 | 2.74E-06 | 2.35E-05 | 1.04E-06 |
| SPR 2054 | 0.000424 | 0.000195 | 0.000281 | 0.00057  | 5.8E-05  | 9.97E-05 | 3.82E-05 | 2.42E-05 | 2.67E-06 | 2.29E-05 | 1.02E-06 |
| SUM 2054 | 0.000409 | 0.000188 | 0.000271 | 0.000551 | 5.65E-05 | 9.71E-05 | 3.72E-05 | 2.36E-05 | 2.6E-06  | 2.23E-05 | 9.95E-07 |
| WIN 2054 | 0.000395 | 0.000181 | 0.000262 | 0.000532 | 5.5E-05  | 9.46E-05 | 3.62E-05 | 2.3E-05  | 2.53E-06 | 2.17E-05 | 9.74E-07 |
| SPR 2055 | 0.000381 | 0.000175 | 0.000252 | 0.000514 | 5.35E-05 | 9.22E-05 | 3.53E-05 | 2.24E-05 | 2.46E-06 | 2.12E-05 | 9.54E-07 |
| SUM 2055 | 0.000368 | 0.000169 | 0.000243 | 0.000497 | 5.21E-05 | 8.99E-05 | 3.44E-05 | 2.18E-05 | 2.4E-06  | 2.06E-05 | 9.34E-07 |
| WIN 2055 | 0.000355 | 0.000163 | 0.000235 | 0.000481 | 5.07E-05 | 8.76E-05 | 3.35E-05 | 2.12E-05 | 2.34E-06 | 2.01E-05 | 9.15E-07 |
| SPR 2056 | 0.000342 | 0.000157 | 0.000226 | 0.000465 | 4.94E-05 | 8.54E-05 | 3.27E-05 | 2.07E-05 | 2.28E-06 | 1.96E-05 | 8.96E-07 |
| SUM 2056 | 0.00033  | 0.000151 | 0.000219 | 0.00045  | 4.81E-05 | 8.33E-05 | 3.18E-05 | 2.02E-05 | 2.22E-06 | 1.91E-05 | 8.78E-07 |
| WIN 2056 | 0.000319 | 0.000146 | 0.000211 | 0.000435 | 4.69E-05 | 8.12E-05 | 3.1E-05  | 1.96E-05 | 2.16E-06 | 1.86E-05 | 8.6E-07  |
| SPR 2057 | 0.000308 | 0.000141 | 0.000204 | 0.000421 | 4.56E-05 | 7.91E-05 | 3.02E-05 | 1.92E-05 | 2.11E-06 | 1.81E-05 | 8.43E-07 |
| SUM 2057 | 0.000297 | 0.000136 | 0.000198 | 0.000407 | 4.45E-05 | 7.71E-05 | 2.95E-05 | 1.87E-05 | 2.06E-06 | 1.77E-05 | 8.26E-07 |
| WIN 2057 | 0.000287 | 0.000131 | 0.000192 | 0.000395 | 4.33E-05 | 7.52E-05 | 2.87E-05 | 1.82E-05 | 2E-06    | 1.72E-05 | 8.09E-07 |
| SPR 2058 | 0.000277 | 0.000127 | 0.000186 | 0.000382 | 4.22E-05 | 7.34E-05 | 2.8E-05  | 1.77E-05 | 1.95E-06 | 1.68E-05 | 7.93E-07 |
| SUM 2058 | 0.000268 | 0.000122 | 0.000179 | 0.000369 | 4.12E-05 | 7.15E-05 | 2.73E-05 | 1.73E-05 | 1.9E-06  | 1.64E-05 | 7.77E-07 |
| WIN 2058 | 0.000259 | 0.000118 | 0.000174 | 0.000357 | 4.01E-05 | 6.98E-05 | 2.66E-05 | 1.69E-05 | 1.86E-06 | 1.59E-05 | 7.61E-07 |
| SPR 2059 | 0.00025  | 0.000114 | 0.000168 | 0.000346 | 3.91E-05 | 6.81E-05 | 2.6E-05  | 1.64E-05 | 1.81E-06 | 1.55E-05 | 7.46E-07 |
| SUM 2059 | 0.000242 | 0.00011  | 0.000162 | 0.000335 | 3.81E-05 | 6.64E-05 | 2.53E-05 | 1.6E-05  | 1.76E-06 | 1.51E-05 | 7.32E-07 |
| WIN 2059 | 0.000234 | 0.000107 | 0.000156 | 0.000325 | 3.71E-05 | 6.48E-05 | 2.47E-05 | 1.56E-05 | 1.72E-06 | 1.48E-05 | 7.17E-07 |
| SPR 2060 | 0.000226 | 0.000103 | 0.000151 | 0.000315 | 3.62E-05 | 6.32E-05 | 2.41E-05 | 1.52E-05 | 1.68E-06 | 1.44E-05 | 7.03E-07 |
| SUM 2060 | 0.000218 | 9.95E-05 | 0.000146 | 0.000305 | 3.53E-05 | 6.17E-05 | 2.35E-05 | 1.49E-05 | 1.64E-06 | 1.4E-05  | 6.89E-07 |
| WIN 2060 | 0.000211 | 9.61E-05 | 0.000141 | 0.000296 | 3.44E-05 | 6.02E-05 | 2.29E-05 | 1.45E-05 | 1.6E-06  | 1.37E-05 | 6.75E-07 |
| SPR 2061 | 0.000204 | 9.3E-05  | 0.000136 | 0.000286 | 3.36E-05 | 5.87E-05 | 2.23E-05 | 1.41E-05 | 1.56E-06 | 1.34E-05 | 6.62E-07 |
| SUM 2061 | 0.000197 | 8.99E-05 | 0.000132 | 0.000277 | 3.27E-05 | 5.73E-05 | 2.18E-05 | 1.38E-05 | 1.52E-06 | 1.3E-05  | 6.49E-07 |
| WIN 2061 | 0.000191 | 8.68E-05 | 0.000129 | 0.000269 | 3.19E-05 | 5.59E-05 | 2.13E-05 | 1.35E-05 | 1.48E-06 | 1.27E-05 | 6.37E-07 |
| SPR 2062 | 0.000185 | 8.39E-05 | 0.000125 | 0.000261 | 3.12E-05 | 5.46E-05 | 2.08E-05 | 1.31E-05 | 1.45E-06 | 1.24E-05 | 6.24E-07 |
| SUM 2062 | 0.000179 | 8.12E-05 | 0.000121 | 0.000253 | 3.04E-05 | 5.33E-05 | 2.03E-05 | 1.28E-05 | 1.41E-06 | 1.21E-05 | 6.12E-07 |
| WIN 2062 | 0.000173 | 7.85E-05 | 0.000116 | 0.000245 | 2.97E-05 | 5.2E-05  | 1.98E-05 | 1.25E-05 | 1.38E-06 | 1.18E-05 | 6E-07    |
| SPR 2063 | 0.000168 | 7.59E-05 | 0.000112 | 0.000237 | 2.9E-05  | 5.08E-05 | 1.93E-05 | 1.22E-05 | 1.34E-06 | 1.15E-05 | 5.89E-07 |
| SUM 2063 | 0.000162 | 7.34E-05 | 0.000109 | 0.00023  | 2.83E-05 | 4.96E-05 | 1.88E-05 | 1.19E-05 | 1.31E-06 | 1.12E-05 | 5.78E-07 |
| WIN 2063 | 0.000157 | 7.12E-05 | 0.000105 | 0.000223 | 2.76E-05 | 4.85E-05 | 1.84E-05 | 1.16E-05 | 1.28E-06 | 1.1E-05  | 5.67E-07 |
| SPR 2064 | 0.000152 | 6.9E-05  | 0.000101 | 0.000217 | 2.69E-05 | 4.73E-05 | 1.8E-05  | 1.14E-05 | 1.25E-06 | 1.07E-05 | 5.56E-07 |
| SUM 2064 | 0.000147 | 6.67E-05 | 9.88E-05 | 0.00021  | 2.63E-05 | 4.62E-05 | 1.75E-05 | 1.11E-05 | 1.22E-06 | 1.05E-05 | 5.45E-07 |
| WIN 2064 | 0.000143 | 6.46E-05 | 9.54E-05 | 0.000204 | 2.57E-05 | 4.52E-05 | 1.71E-05 | 1.08E-05 | 1.19E-06 | 1.02E-05 | 5.35E-07 |
| SPR 2065 | 0.000138 | 6.27E-05 | 9.19E-05 | 0.000198 | 2.51E-05 | 4.41E-05 | 1.67E-05 | 1.06E-05 | 1.16E-06 | 9.98E-06 | 5.25E-07 |
| SUM 2065 | 0.000134 | 6.06E-05 | 8.94E-05 | 0.000192 | 2.45E-05 | 4.31E-05 | 1.63E-05 | 1.03E-05 | 1.14E-06 | 9.74E-06 | 5.15E-07 |
| WIN 2065 | 0.00013  | 5.87E-05 | 8.7E-05  | 0.000186 | 2.39E-05 | 4.21E-05 | 1.6E-05  | 1.01E-05 | 1.11E-06 | 9.51E-06 | 5.05E-07 |
| SPR 2066 | 0.000126 | 5.69E-05 | 8.34E-05 | 0.000181 | 2.34E-05 | 4.12E-05 | 1.56E-05 | 9.87E-06 | 1.08E-06 | 9.29E-06 | 4.96E-07 |
| SUM 2066 | 0.000122 | 5.51E-05 | 8.16E-05 | 0.000175 | 2.29E-05 | 4.02E-05 | 1.52E-05 | 9.64E-06 | 1.06E-06 | 9.08E-06 | 4.86E-07 |
| WIN 2066 | 0.000119 | 5.34E-05 | 7.97E-05 | 0.00017  | 2.23E-05 | 3.93E-05 | 1.49E-05 | 9.42E-06 | 1.04E-06 | 8.87E-06 | 4.77E-07 |
| SPR 2067 | 0.000115 | 5.16E-05 | 7.66E-05 | 0.000165 | 2.18E-05 | 3.85E-05 | 1.46E-05 | 9.2E-06  | 1.01E-06 | 8.66E-06 | 4.68E-07 |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SUM 2067 | 0.000112 | 4.99E-05 | 7.42E-05 | 0.00016  | 2.14E-05 | 3.76E-05 | 1.42E-05 | 9E-06    | 9.89E-07 | 8.47E-06 | 4.6E-07  |
| WIN 2067 | 0.000108 | 4.85E-05 | 7.26E-05 | 0.000156 | 2.09E-05 | 3.67E-05 | 1.39E-05 | 8.79E-06 | 9.66E-07 | 8.28E-06 | 4.51E-07 |
| SPR 2068 | 0.000105 | 4.7E-05  | 6.96E-05 | 0.000152 | 2.04E-05 | 3.6E-05  | 1.36E-05 | 8.6E-06  | 9.45E-07 | 8.09E-06 | 4.43E-07 |
| SUM 2068 | 0.000102 | 4.57E-05 | 6.74E-05 | 0.000147 | 2E-05    | 3.52E-05 | 1.33E-05 | 8.41E-06 | 9.24E-07 | 7.91E-06 | 4.35E-07 |
| WIN 2068 | 9.91E-05 | 4.43E-05 | 6.59E-05 | 0.000143 | 1.95E-05 | 3.44E-05 | 1.3E-05  | 8.22E-06 | 9.03E-07 | 7.74E-06 | 4.27E-07 |
| SPR 2069 | 9.63E-05 | 4.31E-05 | 6.4E-05  | 0.000139 | 1.91E-05 | 3.36E-05 | 1.27E-05 | 8.04E-06 | 8.83E-07 | 7.57E-06 | 4.19E-07 |
| SUM 2069 | 9.37E-05 | 4.18E-05 | 6.18E-05 | 0.000135 | 1.87E-05 | 3.29E-05 | 1.24E-05 | 7.87E-06 | 8.63E-07 | 7.4E-06  | 4.11E-07 |
| WIN 2069 | 9.11E-05 | 4.07E-05 | 6.02E-05 | 0.000131 | 1.83E-05 | 3.22E-05 | 1.22E-05 | 7.7E-06  | 8.45E-07 | 7.24E-06 | 4.04E-07 |
| SPR 2070 | 8.86E-05 | 3.94E-05 | 5.82E-05 | 0.000127 | 1.79E-05 | 3.15E-05 | 1.19E-05 | 7.53E-06 | 8.26E-07 | 7.08E-06 | 3.96E-07 |
| SUM 2070 | 8.62E-05 | 3.82E-05 | 5.67E-05 | 0.000124 | 1.75E-05 | 3.09E-05 | 1.16E-05 | 7.37E-06 | 8.08E-07 | 6.92E-06 | 3.89E-07 |
| WIN 2070 | 8.38E-05 | 3.71E-05 | 5.47E-05 | 0.00012  | 1.71E-05 | 3.02E-05 | 1.14E-05 | 7.2E-06  | 7.91E-07 | 6.77E-06 | 3.82E-07 |
| SPR 2071 | 8.15E-05 | 3.61E-05 | 5.33E-05 | 0.000117 | 1.68E-05 | 2.96E-05 | 1.11E-05 | 7.05E-06 | 7.74E-07 | 6.63E-06 | 3.75E-07 |
| SUM 2071 | 7.93E-05 | 3.52E-05 | 5.15E-05 | 0.000114 | 1.64E-05 | 2.9E-05  | 1.09E-05 | 6.9E-06  | 7.57E-07 | 6.49E-06 | 3.68E-07 |
| WIN 2071 | 7.71E-05 | 3.41E-05 | 5.01E-05 | 0.000111 | 1.61E-05 | 2.84E-05 | 1.07E-05 | 6.75E-06 | 7.41E-07 | 6.35E-06 | 3.62E-07 |
| SPR 2072 | 7.51E-05 | 3.33E-05 | 4.82E-05 | 0.000108 | 1.57E-05 | 2.78E-05 | 1.05E-05 | 6.61E-06 | 7.25E-07 | 6.22E-06 | 3.55E-07 |
| SUM 2072 | 7.3E-05  | 3.23E-05 | 4.68E-05 | 0.000106 | 1.54E-05 | 2.72E-05 | 1.02E-05 | 6.47E-06 | 7.1E-07  | 6.09E-06 | 3.49E-07 |
| WIN 2072 | 7.12E-05 | 3.13E-05 | 4.57E-05 | 0.000103 | 1.51E-05 | 2.67E-05 | 1E-05    | 6.34E-06 | 6.96E-07 | 5.96E-06 | 3.43E-07 |
| SPR 2073 | 6.93E-05 | 3.03E-05 | 4.5E-05  | 1E-04    | 1.48E-05 | 2.61E-05 | 9.83E-06 | 6.21E-06 | 6.82E-07 | 5.83E-06 | 3.37E-07 |
| SUM 2073 | 6.74E-05 | 2.95E-05 | 4.38E-05 | 9.72E-05 | 1.45E-05 | 2.56E-05 | 9.63E-06 | 6.09E-06 | 6.67E-07 | 5.71E-06 | 3.31E-07 |
| WIN 2073 | 6.57E-05 | 2.88E-05 | 4.3E-05  | 9.49E-05 | 1.42E-05 | 2.51E-05 | 9.44E-06 | 5.96E-06 | 6.54E-07 | 5.59E-06 | 3.25E-07 |
| SPR 2074 | 6.41E-05 | 2.8E-05  | 4.24E-05 | 9.23E-05 | 1.4E-05  | 2.46E-05 | 9.25E-06 | 5.84E-06 | 6.41E-07 | 5.48E-06 | 3.19E-07 |
| SUM 2074 | 6.25E-05 | 2.73E-05 | 4.13E-05 | 9.02E-05 | 1.37E-05 | 2.41E-05 | 9.06E-06 | 5.73E-06 | 6.28E-07 | 5.36E-06 | 3.14E-07 |
| WIN 2074 | 6.09E-05 | 2.67E-05 | 3.97E-05 | 8.8E-05  | 1.34E-05 | 2.37E-05 | 8.88E-06 | 5.61E-06 | 6.15E-07 | 5.26E-06 | 3.08E-07 |
| SPR 2075 | 5.95E-05 | 2.61E-05 | 3.84E-05 | 8.61E-05 | 1.31E-05 | 2.32E-05 | 8.7E-06  | 5.5E-06  | 6.03E-07 | 5.16E-06 | 3.03E-07 |
| SUM 2075 | 5.79E-05 | 2.54E-05 | 3.73E-05 | 8.39E-05 | 1.29E-05 | 2.27E-05 | 8.53E-06 | 5.39E-06 | 5.91E-07 | 5.06E-06 | 2.98E-07 |
| WIN 2075 | 5.65E-05 | 2.48E-05 | 3.65E-05 | 8.17E-05 | 1.26E-05 | 2.23E-05 | 8.36E-06 | 5.29E-06 | 5.8E-07  | 4.96E-06 | 2.92E-07 |
| SPR 2076 | 5.51E-05 | 2.42E-05 | 3.51E-05 | 7.99E-05 | 1.24E-05 | 2.19E-05 | 8.2E-06  | 5.18E-06 | 5.69E-07 | 4.86E-06 | 2.87E-07 |
| SUM 2076 | 5.38E-05 | 2.37E-05 | 3.49E-05 | 7.78E-05 | 1.22E-05 | 2.15E-05 | 8.04E-06 | 5.09E-06 | 5.58E-07 | 4.77E-06 | 2.82E-07 |
| WIN 2076 | 5.26E-05 | 2.3E-05  | 3.4E-05  | 7.57E-05 | 1.19E-05 | 2.11E-05 | 7.89E-06 | 4.99E-06 | 5.47E-07 | 4.68E-06 | 2.77E-07 |
| SPR 2077 | 5.14E-05 | 2.23E-05 | 3.34E-05 | 7.43E-05 | 1.17E-05 | 2.07E-05 | 7.75E-06 | 4.89E-06 | 5.36E-07 | 4.59E-06 | 2.72E-07 |
| SUM 2077 | 5.02E-05 | 2.18E-05 | 3.21E-05 | 7.26E-05 | 1.15E-05 | 2.03E-05 | 7.6E-06  | 4.8E-06  | 5.26E-07 | 4.5E-06  | 2.68E-07 |
| WIN 2077 | 4.91E-05 | 2.11E-05 | 3.1E-05  | 7.08E-05 | 1.13E-05 | 1.99E-05 | 7.46E-06 | 4.71E-06 | 5.16E-07 | 4.42E-06 | 2.63E-07 |
| SPR 2078 | 4.8E-05  | 2.04E-05 | 3.01E-05 | 6.9E-05  | 1.11E-05 | 1.96E-05 | 7.32E-06 | 4.62E-06 | 5.07E-07 | 4.33E-06 | 2.59E-07 |
| SUM 2078 | 4.68E-05 | 1.98E-05 | 2.96E-05 | 6.73E-05 | 1.09E-05 | 1.92E-05 | 7.19E-06 | 4.54E-06 | 4.98E-07 | 4.25E-06 | 2.54E-07 |
| WIN 2078 | 4.58E-05 | 1.93E-05 | 2.83E-05 | 6.54E-05 | 1.07E-05 | 1.88E-05 | 7.06E-06 | 4.46E-06 | 4.89E-07 | 4.17E-06 | 2.5E-07  |
| SPR 2079 | 4.47E-05 | 1.9E-05  | 2.73E-05 | 6.41E-05 | 1.05E-05 | 1.85E-05 | 6.93E-06 | 4.37E-06 | 4.8E-07  | 4.1E-06  | 2.46E-07 |
| SUM 2079 | 4.37E-05 | 1.86E-05 | 2.73E-05 | 6.26E-05 | 1.03E-05 | 1.82E-05 | 6.81E-06 | 4.29E-06 | 4.71E-07 | 4.02E-06 | 2.42E-07 |
| WIN 2079 | 4.27E-05 | 1.82E-05 | 2.67E-05 | 6.15E-05 | 1.02E-05 | 1.79E-05 | 6.69E-06 | 4.22E-06 | 4.63E-07 | 3.95E-06 | 2.38E-07 |
| SPR 2080 | 4.18E-05 | 1.78E-05 | 2.61E-05 | 6.01E-05 | 1E-05    | 1.76E-05 | 6.57E-06 | 4.14E-06 | 4.55E-07 | 3.88E-06 | 2.34E-07 |
| SUM 2080 | 4.09E-05 | 1.74E-05 | 2.58E-05 | 5.87E-05 | 9.82E-06 | 1.73E-05 | 6.45E-06 | 4.07E-06 | 4.46E-07 | 3.81E-06 | 2.3E-07  |
| WIN 2080 | 4.01E-05 | 1.7E-05  | 2.57E-05 | 5.71E-05 | 9.66E-06 | 1.7E-05  | 6.34E-06 | 4E-06    | 4.38E-07 | 3.74E-06 | 2.26E-07 |
| SPR 2081 | 3.93E-05 | 1.66E-05 | 2.48E-05 | 5.59E-05 | 9.5E-06  | 1.67E-05 | 6.23E-06 | 3.93E-06 | 4.3E-07  | 3.68E-06 | 2.22E-07 |
| SUM 2081 | 3.85E-05 | 1.64E-05 | 2.41E-05 | 5.45E-05 | 9.34E-06 | 1.64E-05 | 6.13E-06 | 3.86E-06 | 4.23E-07 | 3.61E-06 | 2.19E-07 |
| WIN 2081 | 3.77E-05 | 1.63E-05 | 2.37E-05 | 5.38E-05 | 9.18E-06 | 1.62E-05 | 6.02E-06 | 3.8E-06  | 4.15E-07 | 3.55E-06 | 2.15E-07 |
| SPR 2082 | 3.7E-05  | 1.6E-05  | 2.33E-05 | 5.28E-05 | 9.03E-06 | 1.59E-05 | 5.92E-06 | 3.73E-06 | 4.08E-07 | 3.49E-06 | 2.11E-07 |
| SUM 2082 | 3.63E-05 | 1.58E-05 | 2.31E-05 | 5.16E-05 | 8.88E-06 | 1.56E-05 | 5.82E-06 | 3.67E-06 | 4.01E-07 | 3.43E-06 | 2.08E-07 |
| WIN 2082 | 3.56E-05 | 1.56E-05 | 2.21E-05 | 5.04E-05 | 8.72E-06 | 1.54E-05 | 5.73E-06 | 3.61E-06 | 3.95E-07 | 3.37E-06 | 2.05E-07 |
| SPR 2083 | 3.5E-05  | 1.51E-05 | 2.12E-05 | 4.96E-05 | 8.58E-06 | 1.51E-05 | 5.63E-06 | 3.55E-06 | 3.89E-07 | 3.31E-06 | 2.01E-07 |
| SUM 2083 | 3.43E-05 | 1.47E-05 | 2.04E-05 | 4.82E-05 | 8.45E-06 | 1.49E-05 | 5.54E-06 | 3.49E-06 | 3.82E-07 | 3.25E-06 | 1.98E-07 |
| WIN 2083 | 3.37E-05 | 1.43E-05 | 1.98E-05 | 4.72E-05 | 8.32E-06 | 1.46E-05 | 5.45E-06 | 3.43E-06 | 3.76E-07 | 3.2E-06  | 1.95E-07 |
| SPR 2084 | 3.31E-05 | 1.41E-05 | 1.92E-05 | 4.65E-05 | 8.19E-06 | 1.44E-05 | 5.37E-06 | 3.38E-06 | 3.69E-07 | 3.15E-06 | 1.91E-07 |
| SUM 2084 | 3.25E-05 | 1.36E-05 | 1.88E-05 | 4.56E-05 | 8.08E-06 | 1.42E-05 | 5.28E-06 | 3.33E-06 | 3.64E-07 | 3.1E-06  | 1.88E-07 |
| WIN 2084 | 3.19E-05 | 1.35E-05 | 1.85E-05 | 4.51E-05 | 7.96E-06 | 1.4E-05  | 5.19E-06 | 3.28E-06 | 3.58E-07 | 3.05E-06 | 1.85E-07 |
| SPR 2085 | 3.14E-05 | 1.32E-05 | 1.84E-05 | 4.44E-05 | 7.84E-06 | 1.37E-05 | 5.12E-06 | 3.22E-06 | 3.52E-07 | 3.01E-06 | 1.82E-07 |
| SUM 2085 | 3.08E-05 | 1.29E-05 | 1.84E-05 | 4.35E-05 | 7.72E-06 | 1.35E-05 | 5.03E-06 | 3.17E-06 | 3.47E-07 | 2.96E-06 | 1.79E-07 |
| WIN 2085 | 3.02E-05 | 1.25E-05 | 1.76E-05 | 4.22E-05 | 7.6E-06  | 1.33E-05 | 4.95E-06 | 3.12E-06 | 3.42E-07 | 2.91E-06 | 1.77E-07 |
| SPR 2086 | 2.96E-05 | 1.24E-05 | 1.77E-05 | 4.12E-05 | 7.49E-06 | 1.31E-05 | 4.88E-06 | 3.07E-06 | 3.36E-07 | 2.86E-06 | 1.74E-07 |
| SUM 2086 | 2.91E-05 | 1.21E-05 | 1.7E-05  | 4.02E-05 | 7.38E-06 | 1.29E-05 | 4.8E-06  | 3.03E-06 | 3.31E-07 | 2.82E-06 | 1.71E-07 |
| WIN 2086 | 2.87E-05 | 1.19E-05 | 1.64E-05 | 3.93E-05 | 7.27E-06 | 1.27E-05 | 4.72E-06 | 2.98E-06 | 3.26E-07 | 2.77E-06 | 1.68E-07 |
| SPR 2087 | 2.82E-05 | 1.17E-05 | 1.6E-05  | 3.84E-05 | 7.17E-06 | 1.25E-05 | 4.66E-06 | 2.93E-06 | 3.21E-07 | 2.73E-06 | 1.66E-07 |
| SUM 2087 | 2.77E-05 | 1.16E-05 | 1.56E-05 | 3.79E-05 | 7.07E-06 | 1.24E-05 | 4.59E-06 | 2.89E-06 | 3.16E-07 | 2.69E-06 | 1.63E-07 |
| WIN 2087 | 2.72E-05 | 1.13E-05 | 1.54E-05 | 3.75E-05 | 6.97E-06 | 1.22E-05 | 4.52E-06 | 2.85E-06 | 3.11E-07 | 2.65E-06 | 1.61E-07 |
| SPR 2088 | 2.68E-05 | 1.11E-05 | 1.52E-05 | 3.68E-05 | 6.87E-06 | 1.2E-05  | 4.46E-06 | 2.81E-06 | 3.07E-07 | 2.61E-06 | 1.58E-07 |
| SUM 2088 | 2.63E-05 | 1.08E-05 | 1.51E-05 | 3.64E-05 | 6.77E-06 | 1.18E-05 | 4.39E-06 | 2.77E-06 | 3.02E-07 | 2.58E-06 | 1.56E-07 |
| WIN 2088 | 2.59E-05 | 1.07E-05 | 1.41E-05 | 3.61E-05 | 6.67E-06 | 1.17E-05 | 4.33E-06 | 2.73E-06 | 2.98E-07 | 2.54E-06 | 1.53E-07 |
| SPR 2089 | 2.56E-05 | 1.05E-05 | 1.41E-05 | 3.54E-05 | 6.58E-06 | 1.15E-05 | 4.26E-06 | 2.69E-06 | 2.94E-07 | 2.5E-06  | 1.51E-07 |
| SUM 2089 | 2.52E-05 | 1.05E-05 | 1.33E-05 | 3.49E-05 | 6.49E-06 | 1.14E-05 | 4.21E-06 | 2.65E-06 | 2.9E-07  | 2.47E-06 | 1.49E-07 |
| WIN 2089 | 2.48E-05 | 1.04E-05 | 1.35E-05 | 3.43E-05 | 6.4E-06  | 1.12E-05 | 4.15E-06 | 2.61E-06 | 2.86E-07 | 2.43E-06 | 1.46E-07 |
| SPR 2090 | 2.45E-05 | 1.04E-05 | 1.28E-05 | 3.37E-05 | 6.31E-06 | 1.11E-05 | 4.09E-06 | 2.58E-06 | 2.82E-07 | 2.4E-06  | 1.44E-07 |
| SUM 2090 | 2.42E-05 | 1.02E-05 | 1.32E-05 | 3.28E-05 | 6.22E-06 | 1.09E-05 | 4.03E-06 | 2.54E-06 | 2.78E-07 | 2.37E-06 | 1.42E-07 |

|          |          |          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| WIN 2090 | 2.38E-05 | 1.01E-05 | 1.26E-05 | 3.25E-05 | 6.13E-06 | 1.07E-05 | 3.98E-06 | 2.51E-06 | 2.74E-07 | 2.34E-06 | 1.4E-07  |
| SPR 2091 | 2.35E-05 | 9.98E-06 | 1.3E-05  | 3.2E-05  | 6.05E-06 | 1.06E-05 | 3.92E-06 | 2.47E-06 | 2.7E-07  | 2.31E-06 | 1.38E-07 |
| SUM 2091 | 2.31E-05 | 9.66E-06 | 1.26E-05 | 3.14E-05 | 5.97E-06 | 1.04E-05 | 3.86E-06 | 2.44E-06 | 2.67E-07 | 2.28E-06 | 1.36E-07 |
| WIN 2091 | 2.27E-05 | 9.39E-06 | 1.31E-05 | 3.09E-05 | 5.89E-06 | 1.03E-05 | 3.81E-06 | 2.41E-06 | 2.63E-07 | 2.24E-06 | 1.34E-07 |
| SPR 2092 | 2.24E-05 | 9.12E-06 | 1.28E-05 | 3.06E-05 | 5.82E-06 | 1.02E-05 | 3.77E-06 | 2.37E-06 | 2.6E-07  | 2.21E-06 | 1.32E-07 |
| SUM 2092 | 2.21E-05 | 8.9E-06  | 1.26E-05 | 3E-05    | 5.75E-06 | 1.01E-05 | 3.71E-06 | 2.34E-06 | 2.56E-07 | 2.18E-06 | 1.3E-07  |
| WIN 2092 | 2.18E-05 | 8.7E-06  | 1.24E-05 | 2.96E-05 | 5.68E-06 | 9.93E-06 | 3.67E-06 | 2.31E-06 | 2.53E-07 | 2.15E-06 | 1.28E-07 |
| SPR 2093 | 2.14E-05 | 8.77E-06 | 1.23E-05 | 2.93E-05 | 5.61E-06 | 9.81E-06 | 3.63E-06 | 2.28E-06 | 2.49E-07 | 2.12E-06 | 1.26E-07 |
| SUM 2093 | 2.12E-05 | 8.63E-06 | 1.12E-05 | 2.86E-05 | 5.54E-06 | 9.68E-06 | 3.58E-06 | 2.25E-06 | 2.46E-07 | 2.09E-06 | 1.24E-07 |
| WIN 2093 | 2.09E-05 | 8.53E-06 | 1.11E-05 | 2.81E-05 | 5.48E-06 | 9.57E-06 | 3.53E-06 | 2.22E-06 | 2.43E-07 | 2.07E-06 | 1.22E-07 |
| SPR 2094 | 2.06E-05 | 8.46E-06 | 1.12E-05 | 2.77E-05 | 5.41E-06 | 9.45E-06 | 3.49E-06 | 2.2E-06  | 2.4E-07  | 2.04E-06 | 1.2E-07  |
| SUM 2094 | 2.03E-05 | 8.16E-06 | 1.03E-05 | 2.75E-05 | 5.34E-06 | 9.33E-06 | 3.44E-06 | 2.17E-06 | 2.37E-07 | 2.02E-06 | 1.19E-07 |
| WIN 2094 | 2.01E-05 | 7.9E-06  | 1.04E-05 | 2.69E-05 | 5.27E-06 | 9.21E-06 | 3.41E-06 | 2.14E-06 | 2.34E-07 | 1.99E-06 | 1.17E-07 |
| SPR 2095 | 1.98E-05 | 7.88E-06 | 1.05E-05 | 2.67E-05 | 5.21E-06 | 9.09E-06 | 3.36E-06 | 2.12E-06 | 2.32E-07 | 1.97E-06 | 1.15E-07 |
| SUM 2095 | 1.96E-05 | 7.91E-06 | 9.71E-06 | 2.66E-05 | 5.14E-06 | 8.99E-06 | 3.32E-06 | 2.09E-06 | 2.29E-07 | 1.94E-06 | 1.14E-07 |
| WIN 2095 | 1.94E-05 | 7.72E-06 | 9.91E-06 | 2.61E-05 | 5.08E-06 | 8.88E-06 | 3.28E-06 | 2.07E-06 | 2.26E-07 | 1.92E-06 | 1.12E-07 |
| SPR 2096 | 1.91E-05 | 7.78E-06 | 1.02E-05 | 2.57E-05 | 5.03E-06 | 8.77E-06 | 3.24E-06 | 2.04E-06 | 2.23E-07 | 1.89E-06 | 1.11E-07 |
| SUM 2096 | 1.89E-05 | 7.64E-06 | 9.51E-06 | 2.55E-05 | 4.99E-06 | 8.68E-06 | 3.2E-06  | 2.02E-06 | 2.2E-07  | 1.87E-06 | 1.09E-07 |
| WIN 2096 | 1.87E-05 | 7.52E-06 | 9.86E-06 | 2.53E-05 | 4.94E-06 | 8.58E-06 | 3.16E-06 | 1.99E-06 | 2.18E-07 | 1.85E-06 | 1.08E-07 |
| SPR 2097 | 1.85E-05 | 7.4E-06  | 1.02E-05 | 2.48E-05 | 4.88E-06 | 8.49E-06 | 3.12E-06 | 1.97E-06 | 2.15E-07 | 1.83E-06 | 1.06E-07 |
| SUM 2097 | 1.83E-05 | 7.32E-06 | 9.73E-06 | 2.44E-05 | 4.83E-06 | 8.38E-06 | 3.09E-06 | 1.94E-06 | 2.13E-07 | 1.81E-06 | 1.05E-07 |
| WIN 2097 | 1.81E-05 | 7.23E-06 | 9.13E-06 | 2.4E-05  | 4.77E-06 | 8.29E-06 | 3.06E-06 | 1.92E-06 | 2.1E-07  | 1.79E-06 | 1.03E-07 |
| SPR 2098 | 1.78E-05 | 7.17E-06 | 9.64E-06 | 2.36E-05 | 4.7E-06  | 8.2E-06  | 3.02E-06 | 1.9E-06  | 2.08E-07 | 1.77E-06 | 1.02E-07 |
| SUM 2098 | 1.76E-05 | 7.13E-06 | 9.12E-06 | 2.34E-05 | 4.64E-06 | 8.11E-06 | 2.99E-06 | 1.88E-06 | 2.06E-07 | 1.75E-06 | 1E-07    |
| WIN 2098 | 1.74E-05 | 6.87E-06 | 8.75E-06 | 2.34E-05 | 4.59E-06 | 8.01E-06 | 2.96E-06 | 1.86E-06 | 2.03E-07 | 1.73E-06 | 9.91E-08 |
| SPR 2099 | 1.71E-05 | 6.86E-06 | 8.31E-06 | 2.32E-05 | 4.54E-06 | 7.93E-06 | 2.92E-06 | 1.84E-06 | 2.01E-07 | 1.71E-06 | 9.78E-08 |
| SUM 2099 | 1.69E-05 | 6.64E-06 | 8.97E-06 | 2.26E-05 | 4.49E-06 | 7.84E-06 | 2.89E-06 | 1.82E-06 | 1.99E-07 | 1.69E-06 | 9.64E-08 |
| WIN 2099 | 1.68E-05 | 6.68E-06 | 8.59E-06 | 2.28E-05 | 4.45E-06 | 7.75E-06 | 2.85E-06 | 1.79E-06 | 1.97E-07 | 1.67E-06 | 9.51E-08 |
| SPR 2100 | 1.66E-05 | 6.48E-06 | 8.36E-06 | 2.23E-05 | 4.41E-06 | 7.66E-06 | 2.82E-06 | 1.78E-06 | 1.94E-07 | 1.65E-06 | 9.39E-08 |
| SUM 2100 | 1.65E-05 | 6.53E-06 | 8.05E-06 | 2.2E-05  | 4.38E-06 | 7.57E-06 | 2.79E-06 | 1.76E-06 | 1.92E-07 | 1.63E-06 | 9.26E-08 |
| WIN 2100 | 1.64E-05 | 6.37E-06 | 8.84E-06 | 2.17E-05 | 4.34E-06 | 7.49E-06 | 2.76E-06 | 1.74E-06 | 1.9E-07  | 1.62E-06 | 9.13E-08 |
| SPR 2101 | 1.63E-05 | 6.46E-06 | 8.59E-06 | 2.15E-05 | 4.3E-06  | 7.42E-06 | 2.73E-06 | 1.73E-06 | 1.88E-07 | 1.6E-06  | 9.01E-08 |
| SUM 2101 | 1.61E-05 | 6.31E-06 | 8.49E-06 | 2.08E-05 | 4.25E-06 | 7.33E-06 | 2.71E-06 | 1.71E-06 | 1.86E-07 | 1.58E-06 | 8.89E-08 |
| WIN 2101 | 1.6E-05  | 6.42E-06 | 8.3E-06  | 2.03E-05 | 4.2E-06  | 7.26E-06 | 2.68E-06 | 1.69E-06 | 1.84E-07 | 1.56E-06 | 8.77E-08 |
| SPR 2102 | 1.57E-05 | 6.3E-06  | 8.13E-06 | 1.98E-05 | 4.15E-06 | 7.12E-06 | 2.63E-06 | 1.66E-06 | 1.81E-07 | 1.53E-06 | 8.54E-08 |
| SUM 2102 | 1.55E-05 | 6.19E-06 | 8E-06    | 1.98E-05 | 4.11E-06 | 7.05E-06 | 2.6E-06  | 1.64E-06 | 1.79E-07 | 1.52E-06 | 8.44E-08 |
| WIN 2102 | 1.53E-05 | 6.1E-06  | 7.89E-06 | 2E-05    | 4.06E-06 | 7.05E-06 | 2.6E-06  | 1.64E-06 | 1.79E-07 | 1.52E-06 | 8.44E-08 |
| SPR 2103 | 1.51E-05 | 6.03E-06 | 7.8E-06  | 1.99E-05 | 4.03E-06 | 6.98E-06 | 2.57E-06 | 1.62E-06 | 1.77E-07 | 1.5E-06  | 8.33E-08 |
| SUM 2103 | 1.48E-05 | 5.96E-06 | 7.74E-06 | 2.01E-05 | 3.99E-06 | 6.9E-06  | 2.55E-06 | 1.6E-06  | 1.75E-07 | 1.49E-06 | 8.21E-08 |
| WIN 2103 | 1.47E-05 | 5.9E-06  | 7.7E-06  | 2.02E-05 | 3.96E-06 | 6.82E-06 | 2.52E-06 | 1.59E-06 | 1.73E-07 | 1.47E-06 | 8.1E-08  |
| SPR 2104 | 1.46E-05 | 5.86E-06 | 7.69E-06 | 2.01E-05 | 3.91E-06 | 6.76E-06 | 2.5E-06  | 1.57E-06 | 1.71E-07 | 1.45E-06 | 8E-08    |
| SUM 2104 | 1.44E-05 | 5.82E-06 | 7.7E-06  | 1.95E-05 | 3.88E-06 | 6.69E-06 | 2.47E-06 | 1.56E-06 | 1.69E-07 | 1.44E-06 | 7.9E-08  |
| WIN 2104 | 1.42E-05 | 5.79E-06 | 7.73E-06 | 1.91E-05 | 3.84E-06 | 6.63E-06 | 2.44E-06 | 1.54E-06 | 1.67E-07 | 1.43E-06 | 7.8E-08  |
| SPR 2105 | 1.42E-05 | 5.53E-06 | 7.78E-06 | 1.86E-05 | 3.79E-06 | 6.57E-06 | 2.42E-06 | 1.53E-06 | 1.66E-07 | 1.41E-06 | 7.7E-08  |
| SUM 2105 | 1.41E-05 | 5.52E-06 | 7.86E-06 | 1.82E-05 | 3.75E-06 | 6.51E-06 | 2.4E-06  | 1.51E-06 | 1.65E-07 | 1.4E-06  | 7.6E-08  |
| WIN 2105 | 1.39E-05 | 5.51E-06 | 7E-06    | 1.77E-05 | 3.72E-06 | 6.44E-06 | 2.37E-06 | 1.5E-06  | 1.63E-07 | 1.39E-06 | 7.51E-08 |
| SPR 2106 | 1.38E-05 | 5.27E-06 | 7.11E-06 | 1.76E-05 | 3.69E-06 | 6.38E-06 | 2.36E-06 | 1.48E-06 | 1.61E-07 | 1.37E-06 | 7.43E-08 |
| SUM 2106 | 1.38E-05 | 5.29E-06 | 7.12E-06 | 1.76E-05 | 3.66E-06 | 6.32E-06 | 2.33E-06 | 1.47E-06 | 1.6E-07  | 1.36E-06 | 7.35E-08 |
| WIN 2106 | 1.36E-05 | 5.33E-06 | 7.28E-06 | 1.76E-05 | 3.63E-06 | 6.27E-06 | 2.31E-06 | 1.45E-06 | 1.58E-07 | 1.35E-06 | 7.26E-08 |
| SPR 2107 | 1.35E-05 | 5.13E-06 | 7.45E-06 | 1.77E-05 | 3.6E-06  | 6.22E-06 | 2.29E-06 | 1.44E-06 | 1.56E-07 | 1.33E-06 | 7.17E-08 |
| SUM 2107 | 1.33E-05 | 5.18E-06 | 7.51E-06 | 1.76E-05 | 3.56E-06 | 6.17E-06 | 2.27E-06 | 1.43E-06 | 1.55E-07 | 1.32E-06 | 7.08E-08 |
| WIN 2107 | 1.32E-05 | 5.24E-06 | 6.65E-06 | 1.73E-05 | 3.53E-06 | 6.11E-06 | 2.25E-06 | 1.42E-06 | 1.54E-07 | 1.31E-06 | 6.99E-08 |
| SPR 2108 | 1.31E-05 | 5.06E-06 | 5.91E-06 | 1.73E-05 | 3.49E-06 | 6.06E-06 | 2.23E-06 | 1.41E-06 | 1.53E-07 | 1.3E-06  | 6.9E-08  |
| SUM 2108 | 1.3E-05  | 5.12E-06 | 6.03E-06 | 1.71E-05 | 3.46E-06 | 6E-06    | 2.21E-06 | 1.39E-06 | 1.52E-07 | 1.28E-06 | 6.83E-08 |
| WIN 2108 | 1.28E-05 | 5.19E-06 | 6.17E-06 | 1.69E-05 | 3.42E-06 | 5.94E-06 | 2.18E-06 | 1.38E-06 | 1.5E-07  | 1.27E-06 | 6.75E-08 |
| SPR 2109 | 1.27E-05 | 5.03E-06 | 6.44E-06 | 1.68E-05 | 3.4E-06  | 5.88E-06 | 2.16E-06 | 1.37E-06 | 1.49E-07 | 1.26E-06 | 6.67E-08 |
| SUM 2109 | 1.26E-05 | 4.86E-06 | 6.72E-06 | 1.66E-05 | 3.38E-06 | 5.82E-06 | 2.15E-06 | 1.35E-06 | 1.48E-07 | 1.25E-06 | 6.59E-08 |
| WIN 2109 | 1.24E-05 | 4.94E-06 | 6.9E-06  | 1.66E-05 | 3.34E-06 | 5.78E-06 | 2.13E-06 | 1.34E-06 | 1.46E-07 | 1.24E-06 | 6.51E-08 |
| SPR 2110 | 1.23E-05 | 4.79E-06 | 6.26E-06 | 1.61E-05 | 3.32E-06 | 5.72E-06 | 2.11E-06 | 1.33E-06 | 1.45E-07 | 1.23E-06 | 6.42E-08 |
| SUM 2110 | 1.22E-05 | 4.65E-06 | 5.63E-06 | 1.58E-05 | 3.29E-06 | 5.67E-06 | 2.09E-06 | 1.31E-06 | 1.44E-07 | 1.22E-06 | 6.35E-08 |
| WIN 2110 | 1.21E-05 | 4.75E-06 | 5.85E-06 | 1.59E-05 | 3.26E-06 | 5.63E-06 | 2.07E-06 | 1.3E-06  | 1.42E-07 | 1.21E-06 | 6.28E-08 |
| SPR 2111 | 1.2E-05  | 4.87E-06 | 6.09E-06 | 1.59E-05 | 3.24E-06 | 5.58E-06 | 2.05E-06 | 1.29E-06 | 1.41E-07 | 1.2E-06  | 6.21E-08 |
| SUM 2111 | 1.19E-05 | 4.76E-06 | 6.45E-06 | 1.56E-05 | 3.22E-06 | 5.51E-06 | 2.03E-06 | 1.29E-06 | 1.4E-07  | 1.19E-06 | 6.14E-08 |
| WIN 2111 | 1.18E-05 | 4.66E-06 | 6.71E-06 | 1.57E-05 | 3.19E-06 | 5.48E-06 | 2.01E-06 | 1.27E-06 | 1.39E-07 | 1.18E-06 | 6.08E-08 |
| SPR 2112 | 1.17E-05 | 4.78E-06 | 6.99E-06 | 1.56E-05 | 3.15E-06 | 5.44E-06 | 2E-06    | 1.26E-06 | 1.38E-07 | 1.17E-06 | 6.01E-08 |
| SUM 2112 | 1.16E-05 | 4.68E-06 | 6.32E-06 | 1.53E-05 | 3.12E-06 | 5.39E-06 | 1.98E-06 | 1.25E-06 | 1.37E-07 | 1.16E-06 | 5.94E-08 |
| WIN 2112 | 1.16E-05 | 4.58E-06 | 5.78E-06 | 1.51E-05 | 3.09E-06 | 5.35E-06 | 1.96E-06 | 1.24E-06 | 1.36E-07 | 1.15E-06 | 5.87E-08 |
| SPR 2113 | 1.15E-05 | 4.48E-06 | 5.13E-06 | 1.51E-05 | 3.06E-06 | 5.31E-06 | 1.94E-06 | 1.23E-06 | 1.34E-07 | 1.14E-06 | 5.81E-08 |
| SUM 2113 | 1.15E-05 | 4.62E-06 | 4.49E-06 | 1.49E-05 | 3.03E-06 | 5.26E-06 | 1.93E-06 | 1.22E-06 | 1.33E-07 | 1.13E-06 | 5.74E-08 |
| WIN 2113 | 1.13E-05 | 4.54E-06 | 4.82E-06 | 1.47E-05 | 3E-06    | 5.21E-06 | 1.91E-06 | 1.21E-06 | 1.31E-07 | 1.12E-06 | 5.67E-08 |
| SPR 2114 | 1.12E-05 | 4.46E-06 | 5.28E-06 | 1.46E-05 | 2.98E-06 | 5.17E-06 | 1.9E-06  | 1.2E-06  | 1.3E-07  | 1.11E-06 | 5.61E-08 |
| SUM 2114 | 1.11E-05 | 4.39E-06 | 5.63E-06 | 1.45E-05 | 2.95E-06 | 5.12E-06 | 1.89E-06 | 1.19E-06 | 1.29E-07 | 1.1E-06  | 5.55E-08 |
| WIN 2114 | 1.09E-05 | 4.31E-06 | 5.99E-06 | 1.44E-05 | 2.94E-06 | 5.08E-06 | 1.87E-06 | 1.18E-06 | 1.28E-07 | 1.09E-06 | 5.49E-08 |
| SPR 2115 | 1.08E-05 | 4.24E-06 | 6.36E-06 | 1.43E-05 | 2.92E-06 | 5.03E-06 | 1.86E-06 | 1.17E-06 | 1.27E-07 | 1.08E-06 | 5.43E-08 |
| SUM 2115 | 1.07E-05 | 4.19E-06 | 5.78E-06 | 1.43E-05 | 2.9E-06  | 4.99E-06 | 1.84E-06 | 1.16E-06 | 1.26E-07 | 1.07E-06 | 5.38E-08 |
| WIN 2115 | 1.06E-05 | 4.14E-06 | 5.22E-06 | 1.4E-05  | 2.87E-06 | 4.94E-06 | 1.82E-06 | 1.15E-06 | 1.25E-07 | 1.06E-06 | 5.32E-08 |

Net effect divided by w/o transfer condition

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

# **Attachment 6**

## **Mitigation Analysis**

**Enter Information for 2nd Transfer Here**

| WR No.                                                            | Div. Rate (CFS) | Con. Vol. (AFA) | No. of Irr. Acres | Priority Date | POD Location | Dedicated Vol. AFA/ AFT | Model Node |
|-------------------------------------------------------------------|-----------------|-----------------|-------------------|---------------|--------------|-------------------------|------------|
| <b>Transfer 2: Input Water Right Conditions Prior to Transfer</b> |                 |                 |                   |               |              |                         |            |

**Transfer 2: Input Water Right Conditions Following Transfer**

|   |   |   |   |          |   |   |     |
|---|---|---|---|----------|---|---|-----|
| 0 | 0 | 0 | 0 | 1/0/1900 | 0 | 0 | 0.0 |
|---|---|---|---|----------|---|---|-----|

**Steady State Analysis**

|                                           |      |
|-------------------------------------------|------|
| Mitigation Check 1 - > 10% of Historical: | 0.0% |
| Mitigation Check 2: > 2 AFT:              | 0.0  |
| Mitigation Check 3 - > 10% of Total:      | 6.0% |
| Mitigation Required?:                     | NO   |
| Mitigation Vol. Req'd (ac-ft):            | 0.0  |

**Transient State Analysis**

|                                           |      |
|-------------------------------------------|------|
| Mitigation Check 1 - > 10% of Historical: | 0.5% |
| Mitigation Check 2: > 2.01 AFT:           | 0.0  |
| Mitigation Required?:                     | NO   |
| Mitigation Vol. Req'd (ac-ft):            | 0.0  |

**Impact by Reach (AFT/Trimester)**

| Ashton to Rexburg                         | Helise to Shelley | Shelley to Nr Bickft | Nr Bickft to Neesley | Neesley to Minidoka | Dev. Wbl. To Buhl | Buhl to Kspr | Kspr to Kspr | Kspr to Malad | Malad to Malad | Malad to Bancroft |
|-------------------------------------------|-------------------|----------------------|----------------------|---------------------|-------------------|--------------|--------------|---------------|----------------|-------------------|
| 1.46                                      | 2.34              | 9.91                 | 9.98                 | 0.24                | 0.24              | 0.09         | 0.06         | 0.01          | 0.06           | 0.00              |
| 1.46                                      | 2.34              | 9.91                 | 9.98                 | 0.24                | 0.24              | 0.09         | 0.06         | 0.01          | 0.06           | 0.00              |
| 1.47                                      | 2.35              | 9.96                 | 10.07                | 0.24                | 0.24              | 0.09         | 0.06         | 0.01          | 0.06           | 0.00              |
| <b>Pre-SS:</b>                            |                   |                      |                      |                     |                   |              |              |               |                |                   |
| Post-SS:                                  | 0.0%              | 0.0%                 | 0.0%                 | 0.0%                | 0.0%              | 0.0%         | 0.0%         | 0.0%          | 0.0%           | 0.0%              |
| Pre-TS:                                   | 0.0               | 0.0                  | 0.0                  | 0.0                 | 0.0               | 0.0          | 0.0          | 0.0           | 0.0            | 0.0               |
| Post-TS:                                  | 9.6%              | 40.6%                | 40.9%                | 1.0%                | 1.0%              | 0.4%         | 0.2%         | 0.0%          | 0.2%           | 0.0%              |
| Mitigation Check 1 - > 10% of Historical: | 0.0%              | 0.0%                 | 0.0%                 | 0.0%                | 0.0%              | 0.0%         | 0.0%         | 0.0%          | 0.0%           | 0.0%              |
| Mitigation Check 2: > 2 AFT:              | 0.0               | 0.0                  | 0.0                  | 0.0                 | 0.0               | 0.0          | 0.0          | 0.0           | 0.0            | 0.0               |
| Mitigation Check 3 - > 10% of Total:      | 6.0%              | 40.6%                | 40.9%                | 1.0%                | 1.0%              | 0.4%         | 0.2%         | 0.0%          | 0.2%           | 0.0%              |
| Mitigation Required?:                     | NO                | NO                   | NO                   | NO                  | NO                | NO           | NO           | NO            | NO             | NO                |
| Mitigation Vol. Req'd (ac-ft):            | 0.0               | 0.0                  | 0.0                  | 0.0                 | 0.0               | 0.0          | 0.0          | 0.0           | 0.0            | 0.0               |
| <b>Transient State Analysis</b>           |                   |                      |                      |                     |                   |              |              |               |                |                   |
| Mitigation Check 1 - > 10% of Historical: | 0.5%              | 0.5%                 | 0.8%                 | 0.0%                | 0.0%              | 0.0%         | 0.0%         | 0.0%          | 0.0%           | 0.0%              |
| Mitigation Check 2: > 2.01 AFT:           | 0.0               | 0.0                  | 0.1                  | 0.0                 | 0.0               | 0.0          | 0.0          | 0.0           | 0.0            | 0.0               |
| Mitigation Required?:                     | NO                | NO                   | NO                   | NO                  | NO                | NO           | NO           | NO            | NO             | NO                |
| Mitigation Vol. Req'd (ac-ft):            | 0.0               | 0.0                  | 0.1                  | 0.0                 | 0.0               | 0.0          | 0.0          | 0.0           | 0.0            | 0.0               |