

Water Supply Bank No. _____
(For Department Use Only)

STATE OF IDAHO
WATER RESOURCE BOARD

APPLICATION TO RENT WATER
FROM THE WATER SUPPLY BANK

Name of Renter Mitchell Sorensen Phone (208) 221-3293

Mailing address 3871 W. 2500 N., Moore, ID 83213 Email _____

A. DESCRIPTION OF WATER SOUGHT FOR RENT

1. Maximum Flow Rate (cfs) Maximum Volume (ac-ft) Nature of Use Period of Use
6 2195.5 Irrigation 04/01 to 11/01
 _____ to _____
 _____ to _____

Total: 6 2195.5

2. Source of water Ground Water tributary to _____

3. Point(s) of Diversion:

Twp	Rge	Sec	Lot	¼	¼	¼	County
05N	26E	21		NW	NW	NW	Butte
05N	26E	21		NE	NW	NW	Butte

4. Lands to be irrigated or place of use:

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	25E	2												3.9			0.7		4.6
		11	37.7	40	39.6	38.5	40	38.5	38.5	40					39.1	39.8	38	37.7	467.4

If the use is for irrigation, show total number of acres proposed through rental. Total Acres 472

B. OWNERSHIP

1. Do you own the land at the proposed point of diversion? Yes ☒ No ☒
 If no, list owner, contact information, and provide documentation of the authority to use the proposed point of diversion. Applicant owns the first point of diversion and has a lease with PU Ranch for the second point of diversion. A copy of this lease is attached.
2. Do you own the land at the proposed place of use? Yes ☒ No ☒
 If no, list owner, contact information, and provide documentation of the authority to use the proposed place of use. Land in section 11, which applicant is currently leasing, is owned by Todd and Norma Perkes. A copy of this lease is attached. Applicant owns land located in section 2.

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. Well to Timber Dome Canal to Applicant's pump station.
2. Describe any other water rights diverted through the same point(s) of diversion or used for the same purpose(s) as described above. Water Right Nos. 34-2332, 34-7079, and 34-13841 are also diverted from the points of diversion described above.
3. Will the proposed place of use receive water from any other source? Yes ☒ No ☐
If yes, describe. A companion rental application will be filed with this application, which if approved, would allow irrigation of the proposed place of use with Water Right No. 34-7110.
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. _____

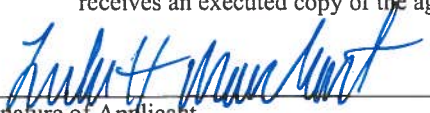
E. RENTAL TERM

1. 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. 1

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*

11/27/2012

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

ATTACHMENT 1

Map of Proposed POD and POU



11/27/2012

CROP SHARE FARM LEASE

THIS FARM LEASE (this "Lease") is made and entered into to be effective as of May ____, 2011, by and between PU RANCH, a general partnership ("Lessor"), having as its partners the Marie Tuthill Family Trust and Slocum Investments, LLC, and MITCHELL D. SORESENSEN and ELAINE R. SORESENSEN, husband and wife (collectively, "Lessee").

In consideration of the mutual promises and covenants contained herein, the parties agree to the terms and provisions of this Lease.

1. **PREMISES.** Lessor leases to Lessee and Lessee leases from Lessor for the term of this Lease the real property located in Butte County, Idaho, more particularly described as:

The SW ¼ Section 2, S1/2 SE ¼ Section 3, N1/2 NE ¼ Section 10, T3N, 25 E.B.M. consisting of approximately 260 irrigable acres, together with the water rights appurtenant thereto including ground water rights 34-2332 and 34-7079, diverted from a well located within an 11 acres parcel within NWNW Section 21, T5N, 26 E.B.M. and surface water rights 34-00556 and 34-00170 diverted from the Big Lost River, with all attendant irrigation equipment, pumps, conveyance shares and rights, and facilities including ponds, mainline, and center pivots.

2. **TERM.** The term of this Lease shall begin on the date first above written and shall end, unless sooner terminated as provided herein, on December 1, 2012 (the "Term"). The Term may be extended by the parties, but only by written agreement executed by Lessor and Lessee.

3. **RENT.** Lessee covenants, stipulates and agrees to pay to Lessor as rent for the Premises the following:

3.1 Lessee shall pay to Lessor an amount equal to one-fourth (1/4) of the gross proceeds from the sale of crops grown on the Premises during the Term. Lessee shall have the right to determine when and where to sell the crops grown on the Premises; provided, however, that each sale of crops must occur no later than one (1) year following the harvest of such crops, and Lessor's portion of the proceeds must be paid to Lessor promptly after Lessee's receipt of the proceeds of each sale.

3.2 In lieu of receiving payment in cash of the rental amount described in Section 3.1 above, Lessor may elect to receive all or any portion of this payment of the rental amount in the form of feeder hay grown on the Premises or feeder hay grown by Lessee on other premises. If Lessor so elects, Lessor shall give notice to Lessee, and Lessee shall provide to Lessor, as payment of rent, an amount of feeder hay which has a fair market value equal the cash rental amount that Lessee would have paid to Lessor under Section 3.1 had Lessor not elected to receive payment in the form of feeder hay. The fair market value of feeder used for rental payments shall be determined based on Lessee's sales of comparable crops to third parties within the same crop year. Lessee shall keep a production report for all crops produced from the Premises showing yields and sale values, and Lessee shall provide a copy of such report to Lessor from time to time during the Term.

3.3 Lessee shall sublet to Lessor for 2011 and 2012 the dry pasture property owned by Todd Perkes located in the N1/2 section 11, T3N, 25 EBM which the Lessee is leasing from Perkes. Lessor shall use this Perkes property in a good and reasonable manner commensurate with the practices customary in the area and in compliance with the terms of the lease agreement between Lessee and Perkes.

4. STORAGE. Lessee shall have the right, but shall not be obligated, to store hay and/or grain on the Premises until June 30th of the year following the expiration or earlier termination of this Lease. Lessee shall have the right, but shall not be obligated, to store grain produced on the Premises in Lessor's grain bin(s) or other storage facilities; provided, however, that before commingling such grain with other grain, Lessee shall first weigh such grain and keep a record thereof.

5. OPERATING EXPENSES. Lessee and Lessor agree to the following costs and expenses:

5.1 Lessee shall be responsible for the payment of all pertinent electrical turn-on and monthly operating costs for pumping and irrigation incurred during the term of this Lease. For purposes of receiving and remitting account billings in a timely manner, electrical accounts will be in care of the Lessee. Any credits or refunds from Lost River Electric Co-op relevant to these accounts will be paid to Lessor.

5.2 Lessee shall, at Lessee's sole cost and expense, furnish and be responsible for all seed, and other expenses associated with the tillage, planting, cultivating, fertilization, weed and pest control, and harvesting of crops on the Premises.

5.3 In the event this Lease is not renewed at or prior to its expiration, or if the Lessee does not purchase the Premises subsequent to the commencement of this Lease, Lessor agrees to reimburse Lessee for all costs and expenses incurred in preparations for the subsequent year's operation and production of crops including fall irrigation, tillage, fertilizer and/or compost, and the seeding of annual or perennial crops.

5.4 Lessor shall pay all real property taxes levied upon the Premises and all water assessments and fees on water rights associated with the Premises.

5.5 Lessee shall be responsible for, and bear the cost of, routine maintenance and minor repairs to all irrigation equipment located on the Premises, up to \$1,500.00 per year. Such costs include routine maintenance, replacement of gearboxes and tires, panel and pivot electrical components, and sprinkler regulators and heads. Lessee shall also be responsible for the cost of all repairs resulting from the negligence or misuse of the equipment by Lessee. Lessor shall, however, be responsible for, and bear the cost of, maintenance and repairs, if any, in excess of the \$1,500.00 per year expended by Lessee.

6. HUSBANDRY. Lessee shall farm and use the Premises in a good and farmerlike manner commensurate with the practices customary in the area. Decisions regarding commodity marketing, cropping patterns, and rotations shall be made by Lessee in Lessee's sole discretion. Lessor shall likewise pasture the sublet Perkes Property in a good and rancherlike manner commensurate with the practices in the area.

7. GOVERNMENT PROGRAM PAYMENTS. Lessor shall be entitled to one hundred (100%) of all government program payments relating to the Premises. Federal Crop Insurance programs shall not be included as government program payments for the purposes of this Lease, however, Lessor shall be entitled to one-fourth (1/4) of the proceeds from the settlement of any insurance claim in accordance with Section 3.1. Both Lessor and Lessee shall use best efforts to comply with all applicable government requirements associated with such programs and payments. Lessor shall be responsible for all necessary government program crop reports.

8. POSSESSION. Lessee shall be entitled to possession of the Premises as of the date of this Lease.

9. QUIET ENJOYMENT. Except as otherwise provided herein, so long as Lessee fulfills Lessee's obligations under this Lease, Lessee shall peacefully and quietly enjoy the Premises without interruption by Lessor and any person or entity claiming through Lessor for the Term of this Lease. Subject to the terms of this Lease, Lessor shall warrant and defend Lessee in the enjoyment of the Premises during the Term of this Lease.

10. LIENS. Lessee shall neither place any lien on the Premises nor permit any other person or entity to place any lien on the Premises.

11. COMPLIANCE WITH LAW. Lessee and Lessor shall comply with all requirements of municipal, state and federal authorities now in force, or which may hereafter be in force, pertaining to the Premises.

12. DEFAULT AND REENTRY. In the event of any breach of any of the terms, covenants or conditions of this Lease, and the failure, neglect or refusal by Lessee to remedy the same within sixty (60) days after written notice thereof, then Lessor shall have the right of reentry and may take possession of the Premises together with any crops growing on the Premises and may remove all persons therefrom, and at Lessor's option, may terminate this Lease after Lessor reimburses Lessee for the crops stored on the Premises (less Lessor's one-fourth (1/4) share), and for all costs of seeds, fertilizers and compost, herbicides and pesticides, fall work, irrigation costs, fuel, tillage costs, and the value of equipment used in planting, cultivating, and growing said crops.

13. SURRENDER OF PREMISES. Lessee shall surrender the Premises at the expiration (or sooner termination) of this Lease in the same condition as originally delivered to Lessee or as altered pursuant to the provisions of this instrument, ordinary wear, tear, and damage by the elements excepted.

14. NO PARTNERSHIP. Nothing contained in this Lease shall be deemed to create a partnership, joint venture, or employment relationship between Lessor and Lessee. Neither Lessor nor Lessee shall be liable, except as otherwise expressly provided in this Lease, for any obligations or liabilities incurred by the other. Lessor's ranch manager will continue to act as Lessor's representative in governance matters pertaining to the Timberdome Canal Company and other matters pertaining to the Premises not granted by the terms of this Lease to Lessee.

15. WAIVER OF COVENANTS. The waiving of any covenant or provision of this Lease by either party shall be limited to the particular instance and shall not be deemed to waive any other breach of such covenant or any other provision hereof.

16. **NOTICES.** For all purposes of this Lease, notice shall be deemed to have been given to Lessor by Lessee upon deposit of a copy of said notice by Lessee in the United States Mail, postage prepaid, certified with return receipt requested, addressed to Lessor at 4500 Imperial Avenue, San Diego, CA 92113, or to such other address as Lessor shall direct in writing. For all purposes of this Lease, notice shall be deemed to have been given to Lessee by Lessor upon deposit of a copy of said notice by Lessor in the United States Mail, postage prepaid, certified with return receipt requested, addressed to Lessee at 3871 West 2500 North, Moore, Idaho 83253, or to such other address as Lessee shall direct in writing.

17. **REPRESENTATION.** It is understood and agreed that Holden, Kidwell, Hahn & Crapo, P.L.L.C. represents Lessee in this transaction and does not represent Lessor even though Holden, Kidwell, Hahn & Crapo, P.L.L.C., may now or previously have provided legal representation to Lessor or the partners of Lessor on other matters. Lessor and Lessee agree to waive any and all conflicts arising out of the representation by Holden, Kidwell, Hahn & Crapo, P.L.L.C., of Lessor, or either of the partners of Lessor, on other matters and specifically agree that Holden, Kidwell, Hahn & Crapo, P.L.L.C., may represent Lessee in this transaction and shall not be representing Lessor.

18. **GOVERNING LAW.** This Lease shall be governed, construed, interpreted and enforced in accordance with the laws of the State of Idaho.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals the day and year first written above.

LESSOR:

PU RANCH, a general partnership

By: Mario Duffell Family Trust, general partner

By: [Signature]

Its: partner

By: Slocum Investments, LLC, general partner

By: [Signature]

Its: partner

LESSEE:

[Signature]
Mitchell D. Sorensen

[Signature]
Elaine R. Sorensen

ATTACHMENT 3

Lease for Proposed POU

AMENDED CASH FARM LEASE AND OPTION TO PURCHASE

This Amended Agreement modifies and supercedes the CASH FARM LEASE AND OPTION TO PURCHASE Agreement entered into on the 2nd day of May, 2011, by and between M. Todd Perkes and Norma Perkes, husband and wife of 2790 North 3325 West, Moore, Idaho 83255, hereinafter referred to as "LESSOR", and Mitchell D. Sorensen and Elaine R. Sorensen, husband and wife of 3871 West 2500 North, Moore, Idaho 83255, hereinafter referred to as "LESSEE".

For good and valuable consideration, LESSOR agrees to lease to LESSEE, and LESSEE agrees to lease from LESSOR the following described real property located in Butte County, Idaho, hereinafter referred to as the "premises":

The NW, NE, and SE quarter sections of Section 11, T. 3 N., 25 E.B.M., comprising of approximately 480 acres together with the stock water rights and pumping facilities, and one hundred (100%) interest in the pond, pumping station, buried mainline and electrical wires located within Section 11, and existing fences and roads including the right of ingress and egress on the roadway located along the east side of the SE1/4 Section 11, T. 3 N., 25 E.B.M. along with all other improvements located on this property.

1. Term of Lease and Rental.

The term of this Lease shall be for a period of 5 years, commencing in 2011 and ending on December 31, 2015. The annual rental price shall be [REDACTED] for a total of approximately 480 acres, payable in the amount of [REDACTED] on or before May 1 of each year, and [REDACTED] on or before December 1 of each year.

The rental payment for the 2011 year will be the [REDACTED] which has been remitted and received, [REDACTED] to be paid by a Third Party (PU RANCH) directly to the LESSOR, and the balance of second [REDACTED] first by offset of government payments and/or benefits described below, second the cash value of any custom worked performed by the LESSEE on other property owned by LESSOR, and lastly by cash payment at the time of annual settlement between the parties.

The rental payment for the 2012 through 2015 years will be [REDACTED] payable on or before May 1 of each year, and the second [REDACTED] payable first by offset of government payments and/or benefits described below, second the cash value of any custom worked performed by the LESSEE on other property owned by LESSOR, and lastly by cash payment at the time of annual settlement between the parties.

LESSEE shall be entitled to 100% of all government related payments or benefits including but not limited to the assignment of One hundred twenty (120) acres of wheat base and One hundred twenty (120) acres of barley base Direct-Counter-Cyclical Payments, Loan Deficiency Payments, Emergency or NAP Payments or any other subsidy benefits related to the operation of the premises by the LESSEE during the period of this Lease. Lessor shall continue to accept such payments and benefits in Lessor's name and make all necessary reports relevant to government programs. Such government payments and benefits received by Lessor shall subsequently be offset or deducted from the above described October 1 payment due from Lessee.

2. Option to Purchase.

Within 180 days from the expiration of this Lease, the LESSEE shall have the right to exercise the Option to Purchase this property with all improvements and access easements described above. LESSOR and LESSEE agree the terms of the Buy-Sale Agreement will include the purchase price of [REDACTED] per acre for 480 acres totaling [REDACTED] payable in fifteen (15) equal annual payments with the unpaid balance accrual of nine (9%) annual interest. In the event LESSEE elects to prepay the unpaid balance a thirty (30%) penalty shall be applied to the unpaid principal balance.

3. Assignment or Sublease.

LESSEE shall have the right to sublet this property but shall not have the right to assign or sale the purchase option to any person or party other than a direct family member.

4. Improvements.

LESSOR and LESSEE agree the premise is currently non-irrigated pasture. The parties also agree that LESSEE may explore and acquire water rights, irrigation equipment, financing, and other assets and facilities necessary for the irrigation of the premise at LESSEE expense and risk. LESSOR agrees to cooperate and allow LESSEE to pursue such endeavors including the granting of security agreements that may be necessary to construct and install irrigation equipment on the premise.

In the event LESSEE does not exercise the purchase option referenced in this agreement or if the agreement is terminated, LESSOR may elect to purchase from LESSEE all such improvements at fair market values. If LESSOR elects not to purchase such improvements or if fair market values can not be agreed to LESSEE may remove all improvements previously made by LESSEE.

5. Expenses.

LESSOR agrees to pay all real estate taxes. LESSEE shall pay all costs associated with dry pasture grazing and the eventual irrigation of crops if any are grown. If this Lease terminates or expires without LESSEE exercising the purchase option as provided, LESSEE shall plant and re-establish dry pasture vegetation similar to what currently exists.

6. Relationship of Parties

The relationship of the parties hereto is strictly that of landlord and tenant and this Lease shall not be construed as a joint venture or partnership. LESSEE is not and shall not be deemed to be an agent or representative of LESSOR.

7. Applicable Law.

This Lease shall be construed and enforced in accordance with the laws of the State of Idaho.

This Amended Agreement is hereby agreed to and entered into this 13 day of December, 2011.

LESSOR

M. Todd Perkes
M. Todd Perkes

Norma Perkes
Norma Perkes

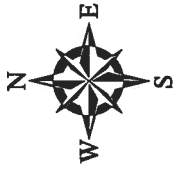
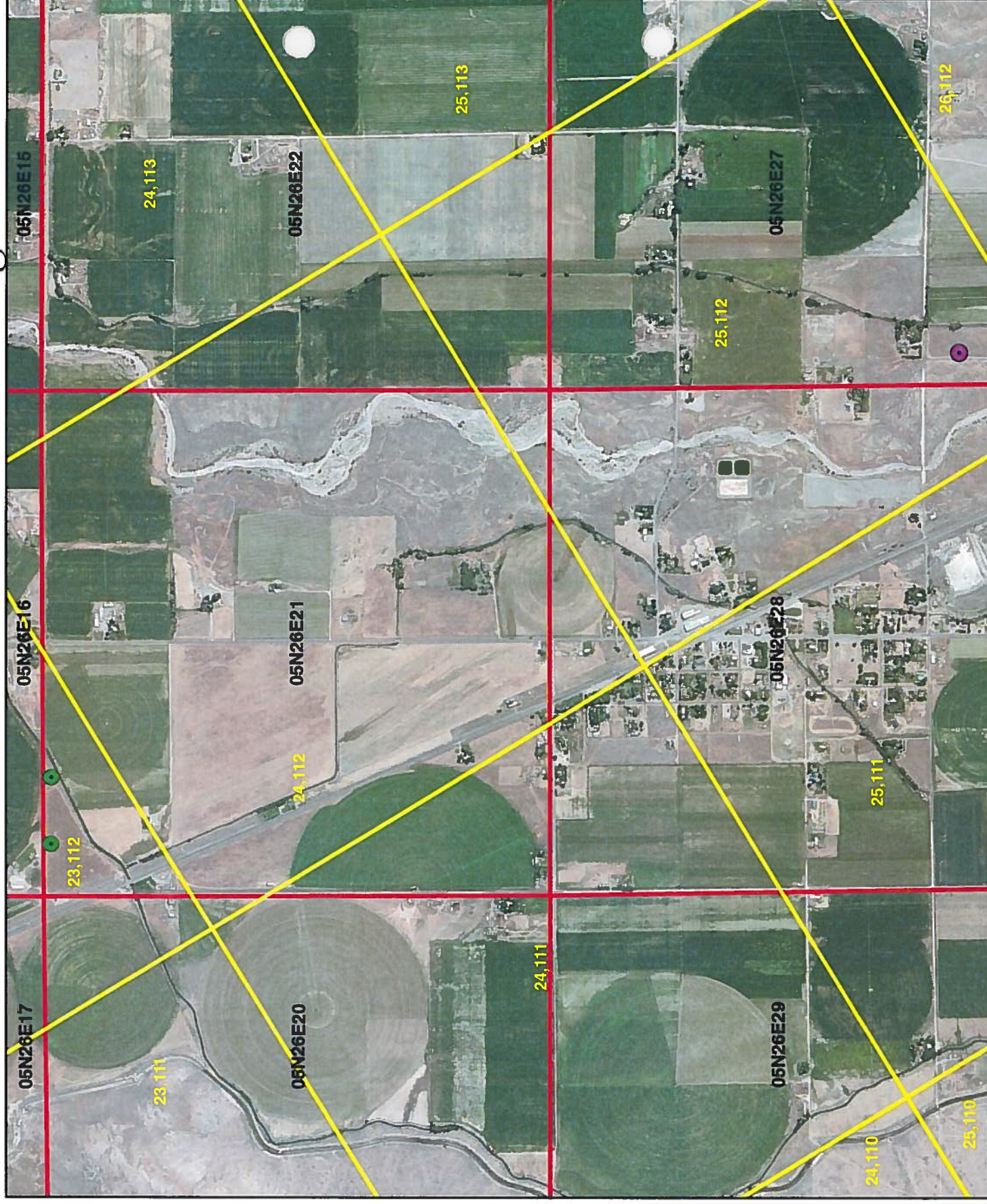
LESSEE

Mitchell D. Sorensen
Mitchell D. Sorensen

Elaine R. Sorensen
Elaine R. Sorensen

ATTACHMENT 4
Map of Model Grid with Current
and Proposed PODs

SORENSEN WATER BANK LEASE- Potter Water Rights



Legend

- 34-7052 POD
- To Wells
- Model Grid
- Sections

Bing Aerial Photo



Prepared by:
Luke H. Marchant
11 / 27 / 2012

ATTACHMENT 5
**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 1973
SEASON SPRING

TRANSFER NO:

TRANSFER NAME

Potter_Sorensen

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	23	25		
COLUMN	112	112		

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 1973	0	732	732	0	0	0	0
SUM 1973	0	732	732	0	0	0	0
WIN 1973	0	732	732	0	0	0	0
SPR 1974	0	732	732	0	0	0	0
SUM 1974	0	732	732	0	0	0	0
WIN 1974	0	732	732	0	0	0	0
SPR 1975	0	732	732	0	0	0	0
SUM 1975	0	732	732	0	0	0	0
WIN 1975	0	732	732	0	0	0	0
SPR 1976	0	732	732	0	0	0	0
SUM 1976	0	732	732	0	0	0	0
WIN 1976	0	732	732	0	0	0	0
SPR 1977	0	732	732	0	0	0	0
SUM 1977	0	732	732	0	0	0	0
WIN 1977	0	732	732	0	0	0	0
SPR 1978	0	732	732	0	0	0	0
SUM 1978	0	732	732	0	0	0	0
WIN 1978	0	732	732	0	0	0	0
SPR 1979	0	732	732	0	0	0	0
SUM 1979	0	732	732	0	0	0	0
WIN 1979	0	732	732	0	0	0	0
SPR 1980	0	732	732	0	0	0	0
SUM 1980	0	732	732	0	0	0	0
WIN 1980	0	732	732	0	0	0	0
SPR 1981	0	732	732	0	0	0	0
SUM 1981	0	732	732	0	0	0	0
WIN 1981	0	732	732	0	0	0	0
SPR 1982	0	732	732	0	0	0	0
SUM 1982	0	732	732	0	0	0	0
WIN 1982	0	732	732	0	0	0	0
SPR 1983	0	732	732	0	0	0	0
SUM 1983	0	732	732	0	0	0	0
WIN 1983	0	732	732	0	0	0	0
SPR 1984	0	732	732	0	0	0	0
SUM 1984	0	732	732	0	0	0	0
WIN 1984	0	732	732	0	0	0	0
SPR 1985	0	732	732	0	0	0	0
SUM 1985	0	732	732	0	0	0	0
WIN 1985	0	732	732	0	0	0	0
SPR 1986	0	732	732	0	0	0	0
SUM 1986	0	732	732	0	0	0	0

WIN 1986	0	732	732	0	0	0	0
SPR 1987	0	732	732	0	0	0	0
SUM 1987	0	732	732	0	0	0	0
WIN 1987	0	732	732	0	0	0	0
SPR 1988	0	732	732	0	0	0	0
SUM 1988	0	732	732	0	0	0	0
WIN 1988	0	732	732	0	0	0	0
SPR 1989	0	732	732	0	0	0	0
SUM 1989	0	732	732	0	0	0	0
WIN 1989	0	732	732	0	0	0	0
SPR 1990	0	732	732	0	0	0	0
SUM 1990	0	732	732	0	0	0	0
WIN 1990	0	732	732	0	0	0	0
SPR 1991	0	732	732	0	0	0	0
SUM 1991	0	732	732	0	0	0	0
WIN 1991	0	732	732	0	0	0	0
SPR 1992	0	732	732	0	0	0	0
SUM 1992	0	732	732	0	0	0	0
WIN 1992	0	732	732	0	0	0	0
SPR 1993	0	732	732	0	0	0	0
SUM 1993	0	732	732	0	0	0	0
WIN 1993	0	732	732	0	0	0	0
SPR 1994	0	732	732	0	0	0	0
SUM 1994	0	732	732	0	0	0	0
WIN 1994	0	732	732	0	0	0	0
SPR 1995	0	732	732	0	0	0	0
SUM 1995	0	732	732	0	0	0	0
WIN 1995	0	732	732	0	0	0	0
SPR 1996	0	732	732	0	0	0	0
SUM 1996	0	732	732	0	0	0	0
WIN 1996	0	732	732	0	0	0	0
SPR 1997	0	732	732	0	0	0	0
SUM 1997	0	732	732	0	0	0	0
WIN 1997	0	732	732	0	0	0	0
SPR 1998	0	732	732	0	0	0	0
SUM 1998	0	732	732	0	0	0	0
WIN 1998	0	732	732	0	0	0	0
SPR 1999	0	732	732	0	0	0	0
SUM 1999	0	732	732	0	0	0	0
WIN 1999	0	732	732	0	0	0	0
SPR 2000	0	732	732	0	0	0	0
SUM 2000	0	732	732	0	0	0	0
WIN 2000	0	732	732	0	0	0	0
SPR 2001	0	732	732	0	0	0	0
SUM 2001	0	732	732	0	0	0	0
WIN 2001	0	732	732	0	0	0	0
SPR 2002	0	732	732	0	0	0	0
SUM 2002	0	732	732	0	0	0	0
WIN 2002	0	732	732	0	0	0	0
SPR 2003	0	732	732	0	0	0	0
SUM 2003	0	732	732	0	0	0	0
WIN 2003	0	732	732	0	0	0	0
SPR 2004	0	732	732	0	0	0	0
SUM 2004	0	732	732	0	0	0	0
WIN 2004	0	732	732	0	0	0	0
SPR 2005	0	732	732	0	0	0	0
SUM 2005	0	732	732	0	0	0	0
WIN 2005	0	732	732	0	0	0	0
SPR 2006	0	732	732	0	0	0	0
SUM 2006	0	732	732	0	0	0	0
WIN 2006	0	732	732	0	0	0	0
SPR 2007	0	732	732	0	0	0	0
SUM 2007	0	732	732	0	0	0	0
WIN 2007	0	732	732	0	0	0	0
SPR 2008	0	732	732	0	0	0	0
SUM 2008	0	732	732	0	0	0	0
WIN 2008	0	732	732	0	0	0	0
SPR 2009	0	732	732	0	0	0	0
SUM 2009	0	732	732	0	0	0	0
WIN 2009	0	732	732	0	0	0	0
SPR 2010	0	732	732	0	0	0	0
SUM 2010	0	732	732	0	0	0	0
WIN 2010	0	732	732	0	0	0	0
SPR 2011	0	732	732	0	0	0	0

SUM 2011	0	732	732	0	0	0	0
WIN 2011	0	732	732	0	0	0	0
SPR 2012	732	0	732	0	0	0	0
SUM 2012	732	0	732	0	0	0	0
WIN 2012	732	0	732	0	0	0	0
SPR 2013	732	0	732	0	0	0	0
SUM 2013	732	0	732	0	0	0	0
WIN 2013	732	0	732	0	0	0	0
SPR 2014	0	732	732	0	0	0	0
SUM 2014	0	732	732	0	0	0	0
WIN 2014	0	732	732	0	0	0	0
SPR 2015	0	732	732	0	0	0	0
SUM 2015	0	732	732	0	0	0	0
WIN 2015	0	732	732	0	0	0	0
SPR 2016	0	732	732	0	0	0	0
SUM 2016	0	732	732	0	0	0	0
WIN 2016	0	732	732	0	0	0	0
SPR 2017	0	732	732	0	0	0	0
SUM 2017	0	732	732	0	0	0	0
WIN 2017	0	732	732	0	0	0	0
SPR 2018	0	732	732	0	0	0	0
SUM 2018	0	732	732	0	0	0	0
WIN 2018	0	732	732	0	0	0	0
SPR 2019	0	732	732	0	0	0	0
SUM 2019	0	732	732	0	0	0	0
WIN 2019	0	732	732	0	0	0	0
SPR 2020	0	732	732	0	0	0	0
SUM 2020	0	732	732	0	0	0	0
WIN 2020	0	732	732	0	0	0	0
SPR 2021	0	732	732	0	0	0	0
SUM 2021	0	732	732	0	0	0	0
WIN 2021	0	732	732	0	0	0	0
SPR 2022	0	732	732	0	0	0	0
SUM 2022	0	732	732	0	0	0	0
WIN 2022	0	732	732	0	0	0	0
SPR 2023	0	732	732	0	0	0	0
SUM 2023	0	732	732	0	0	0	0
WIN 2023	0	732	732	0	0	0	0
SPR 2024	0	732	732	0	0	0	0
SUM 2024	0	732	732	0	0	0	0
WIN 2024	0	732	732	0	0	0	0
SPR 2025	0	732	732	0	0	0	0
SUM 2025	0	732	732	0	0	0	0
WIN 2025	0	732	732	0	0	0	0
SPR 2026	0	732	732	0	0	0	0
SUM 2026	0	732	732	0	0	0	0
WIN 2026	0	732	732	0	0	0	0
SPR 2027	0	732	732	0	0	0	0
SUM 2027	0	732	732	0	0	0	0
WIN 2027	0	732	732	0	0	0	0
SPR 2028	0	732	732	0	0	0	0
SUM 2028	0	732	732	0	0	0	0
WIN 2028	0	732	732	0	0	0	0
SPR 2029	0	732	732	0	0	0	0
SUM 2029	0	732	732	0	0	0	0
WIN 2029	0	732	732	0	0	0	0
SPR 2030	0	732	732	0	0	0	0
SUM 2030	0	732	732	0	0	0	0
WIN 2030	0	732	732	0	0	0	0
SPR 2031	0	732	732	0	0	0	0
SUM 2031	0	732	732	0	0	0	0
WIN 2031	0	732	732	0	0	0	0
SPR 2032	0	732	732	0	0	0	0
SUM 2032	0	732	732	0	0	0	0
WIN 2032	0	732	732	0	0	0	0
SPR 2033	0	732	732	0	0	0	0
SUM 2033	0	732	732	0	0	0	0
WIN 2033	0	732	732	0	0	0	0
SPR 2034	0	732	732	0	0	0	0
SUM 2034	0	732	732	0	0	0	0
WIN 2034	0	732	732	0	0	0	0
SPR 2035	0	732	732	0	0	0	0
SUM 2035	0	732	732	0	0	0	0
WIN 2035	0	732	732	0	0	0	0

SPR 2036	0	732	732	0	0	0	0
SUM 2036	0	732	732	0	0	0	0
WIN 2036	0	732	732	0	0	0	0
SPR 2037	0	732	732	0	0	0	0
SUM 2037	0	732	732	0	0	0	0
WIN 2037	0	732	732	0	0	0	0
SPR 2038	0	732	732	0	0	0	0
SUM 2038	0	732	732	0	0	0	0
WIN 2038	0	732	732	0	0	0	0
SPR 2039	0	732	732	0	0	0	0
SUM 2039	0	732	732	0	0	0	0
WIN 2039	0	732	732	0	0	0	0
SPR 2040	0	732	732	0	0	0	0
SUM 2040	0	732	732	0	0	0	0
WIN 2040	0	732	732	0	0	0	0
SPR 2041	0	732	732	0	0	0	0
SUM 2041	0	732	732	0	0	0	0
WIN 2041	0	732	732	0	0	0	0
SPR 2042	0	732	732	0	0	0	0
SUM 2042	0	732	732	0	0	0	0
WIN 2042	0	732	732	0	0	0	0
SPR 2043	0	732	732	0	0	0	0
SUM 2043	0	732	732	0	0	0	0
WIN 2043	0	732	732	0	0	0	0
SPR 2044	0	732	732	0	0	0	0
SUM 2044	0	732	732	0	0	0	0
WIN 2044	0	732	732	0	0	0	0
SPR 2045	0	732	732	0	0	0	0
SUM 2045	0	732	732	0	0	0	0
WIN 2045	0	732	732	0	0	0	0
SPR 2046	0	732	732	0	0	0	0
SUM 2046	0	732	732	0	0	0	0
WIN 2046	0	732	732	0	0	0	0
SPR 2047	0	732	732	0	0	0	0
SUM 2047	0	732	732	0	0	0	0
WIN 2047	0	732	732	0	0	0	0
SPR 2048	0	732	732	0	0	0	0
SUM 2048	0	732	732	0	0	0	0
WIN 2048	0	732	732	0	0	0	0
SPR 2049	0	732	732	0	0	0	0
SUM 2049	0	732	732	0	0	0	0
WIN 2049	0	732	732	0	0	0	0
SPR 2050	0	732	732	0	0	0	0
SUM 2050	0	732	732	0	0	0	0
WIN 2050	0	732	732	0	0	0	0
SPR 2051	0	732	732	0	0	0	0
SUM 2051	0	732	732	0	0	0	0
WIN 2051	0	732	732	0	0	0	0
SPR 2052	0	732	732	0	0	0	0
SUM 2052	0	732	732	0	0	0	0
WIN 2052	0	732	732	0	0	0	0
SPR 2053	0	732	732	0	0	0	0
SUM 2053	0	732	732	0	0	0	0
WIN 2053	0	732	732	0	0	0	0
SPR 2054	0	732	732	0	0	0	0
SUM 2054	0	732	732	0	0	0	0
WIN 2054	0	732	732	0	0	0	0
SPR 2055	0	732	732	0	0	0	0
SUM 2055	0	732	732	0	0	0	0
WIN 2055	0	732	732	0	0	0	0
SPR 2056	0	732	732	0	0	0	0
SUM 2056	0	732	732	0	0	0	0
WIN 2056	0	732	732	0	0	0	0
SPR 2057	0	732	732	0	0	0	0
SUM 2057	0	732	732	0	0	0	0
WIN 2057	0	732	732	0	0	0	0
SPR 2058	0	732	732	0	0	0	0
SUM 2058	0	732	732	0	0	0	0
WIN 2058	0	732	732	0	0	0	0
SPR 2059	0	732	732	0	0	0	0
SUM 2059	0	732	732	0	0	0	0
WIN 2059	0	732	732	0	0	0	0
SPR 2060	0	732	732	0	0	0	0
SUM 2060	0	732	732	0	0	0	0

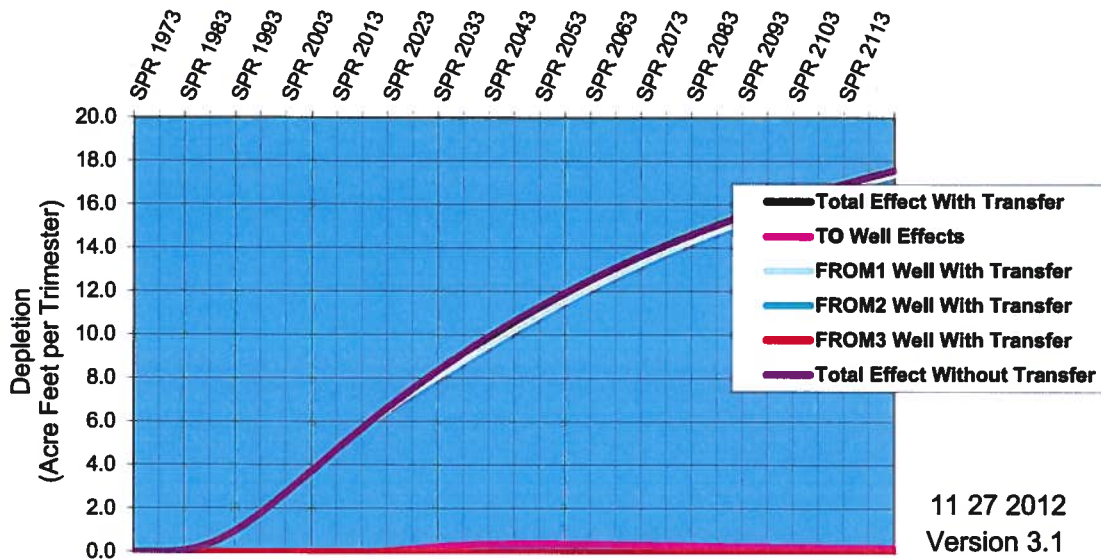
WIN 2060	0	732	732	0	0	0	0
SPR 2061	0	732	732	0	0	0	0
SUM 2061	0	732	732	0	0	0	0
WIN 2061	0	732	732	0	0	0	0
SPR 2062	0	732	732	0	0	0	0
SUM 2062	0	732	732	0	0	0	0
WIN 2062	0	732	732	0	0	0	0
SPR 2063	0	732	732	0	0	0	0
SUM 2063	0	732	732	0	0	0	0
WIN 2063	0	732	732	0	0	0	0
SPR 2064	0	732	732	0	0	0	0
SUM 2064	0	732	732	0	0	0	0
WIN 2064	0	732	732	0	0	0	0
SPR 2065	0	732	732	0	0	0	0
SUM 2065	0	732	732	0	0	0	0
WIN 2065	0	732	732	0	0	0	0
SPR 2066	0	732	732	0	0	0	0
SUM 2066	0	732	732	0	0	0	0
WIN 2066	0	732	732	0	0	0	0
SPR 2067	0	732	732	0	0	0	0
SUM 2067	0	732	732	0	0	0	0
WIN 2067	0	732	732	0	0	0	0
SPR 2068	0	732	732	0	0	0	0
SUM 2068	0	732	732	0	0	0	0
WIN 2068	0	732	732	0	0	0	0
SPR 2069	0	732	732	0	0	0	0
SUM 2069	0	732	732	0	0	0	0
WIN 2069	0	732	732	0	0	0	0
SPR 2070	0	732	732	0	0	0	0
SUM 2070	0	732	732	0	0	0	0
WIN 2070	0	732	732	0	0	0	0
SPR 2071	0	732	732	0	0	0	0
SUM 2071	0	732	732	0	0	0	0
WIN 2071	0	732	732	0	0	0	0
SPR 2072	0	732	732	0	0	0	0
SUM 2072	0	732	732	0	0	0	0
WIN 2072	0	732	732	0	0	0	0
SPR 2073	0	732	732	0	0	0	0
SUM 2073	0	732	732	0	0	0	0
WIN 2073	0	732	732	0	0	0	0
SPR 2074	0	732	732	0	0	0	0
SUM 2074	0	732	732	0	0	0	0
WIN 2074	0	732	732	0	0	0	0
SPR 2075	0	732	732	0	0	0	0
SUM 2075	0	732	732	0	0	0	0
WIN 2075	0	732	732	0	0	0	0
SPR 2076	0	732	732	0	0	0	0
SUM 2076	0	732	732	0	0	0	0
WIN 2076	0	732	732	0	0	0	0
SPR 2077	0	732	732	0	0	0	0
SUM 2077	0	732	732	0	0	0	0
WIN 2077	0	732	732	0	0	0	0
SPR 2078	0	732	732	0	0	0	0
SUM 2078	0	732	732	0	0	0	0
WIN 2078	0	732	732	0	0	0	0
SPR 2079	0	732	732	0	0	0	0
SUM 2079	0	732	732	0	0	0	0
WIN 2079	0	732	732	0	0	0	0
SPR 2080	0	732	732	0	0	0	0
SUM 2080	0	732	732	0	0	0	0
WIN 2080	0	732	732	0	0	0	0
SPR 2081	0	732	732	0	0	0	0
SUM 2081	0	732	732	0	0	0	0
WIN 2081	0	732	732	0	0	0	0
SPR 2082	0	732	732	0	0	0	0
SUM 2082	0	732	732	0	0	0	0
WIN 2082	0	732	732	0	0	0	0
SPR 2083	0	732	732	0	0	0	0
SUM 2083	0	732	732	0	0	0	0
WIN 2083	0	732	732	0	0	0	0
SPR 2084	0	732	732	0	0	0	0
SUM 2084	0	732	732	0	0	0	0
WIN 2084	0	732	732	0	0	0	0
SPR 2085	0	732	732	0	0	0	0

SUM 2085	0	732	732	0	0	0	0
WIN 2085	0	732	732	0	0	0	0
SPR 2086	0	732	732	0	0	0	0
SUM 2086	0	732	732	0	0	0	0
WIN 2086	0	732	732	0	0	0	0
SPR 2087	0	732	732	0	0	0	0
SUM 2087	0	732	732	0	0	0	0
WIN 2087	0	732	732	0	0	0	0
SPR 2088	0	732	732	0	0	0	0
SUM 2088	0	732	732	0	0	0	0
WIN 2088	0	732	732	0	0	0	0
SPR 2089	0	732	732	0	0	0	0
SUM 2089	0	732	732	0	0	0	0
WIN 2089	0	732	732	0	0	0	0
SPR 2090	0	732	732	0	0	0	0
SUM 2090	0	732	732	0	0	0	0
WIN 2090	0	732	732	0	0	0	0
SPR 2091	0	732	732	0	0	0	0
SUM 2091	0	732	732	0	0	0	0
WIN 2091	0	732	732	0	0	0	0
SPR 2092	0	732	732	0	0	0	0
SUM 2092	0	732	732	0	0	0	0
WIN 2092	0	732	732	0	0	0	0
SPR 2093	0	732	732	0	0	0	0
SUM 2093	0	732	732	0	0	0	0
WIN 2093	0	732	732	0	0	0	0
SPR 2094	0	732	732	0	0	0	0
SUM 2094	0	732	732	0	0	0	0
WIN 2094	0	732	732	0	0	0	0
SPR 2095	0	732	732	0	0	0	0
SUM 2095	0	732	732	0	0	0	0
WIN 2095	0	732	732	0	0	0	0
SPR 2096	0	732	732	0	0	0	0
SUM 2096	0	732	732	0	0	0	0
WIN 2096	0	732	732	0	0	0	0
SPR 2097	0	732	732	0	0	0	0
SUM 2097	0	732	732	0	0	0	0
WIN 2097	0	732	732	0	0	0	0
SPR 2098	0	732	732	0	0	0	0
SUM 2098	0	732	732	0	0	0	0
WIN 2098	0	732	732	0	0	0	0
SPR 2099	0	732	732	0	0	0	0
SUM 2099	0	732	732	0	0	0	0
WIN 2099	0	732	732	0	0	0	0
SPR 2100	0	732	732	0	0	0	0
SUM 2100	0	732	732	0	0	0	0
WIN 2100	0	732	732	0	0	0	0
SPR 2101	0	732	732	0	0	0	0
SUM 2101	0	732	732	0	0	0	0
WIN 2101	0	732	732	0	0	0	0
SPR 2102	0	732	732	0	0	0	0
SUM 2102	0	732	732	0	0	0	0
WIN 2102	0	732	732	0	0	0	0
SPR 2103	0	732	732	0	0	0	0
SUM 2103	0	732	732	0	0	0	0
WIN 2103	0	732	732	0	0	0	0
SPR 2104	0	732	732	0	0	0	0
SUM 2104	0	732	732	0	0	0	0
WIN 2104	0	732	732	0	0	0	0
SPR 2105	0	732	732	0	0	0	0
SUM 2105	0	732	732	0	0	0	0
WIN 2105	0	732	732	0	0	0	0
SPR 2106	0	732	732	0	0	0	0
SUM 2106	0	732	732	0	0	0	0
WIN 2106	0	732	732	0	0	0	0
SPR 2107	0	732	732	0	0	0	0
SUM 2107	0	732	732	0	0	0	0
WIN 2107	0	732	732	0	0	0	0
SPR 2108	0	732	732	0	0	0	0
SUM 2108	0	732	732	0	0	0	0
WIN 2108	0	732	732	0	0	0	0
SPR 2109	0	732	732	0	0	0	0
SUM 2109	0	732	732	0	0	0	0
WIN 2109	0	732	732	0	0	0	0

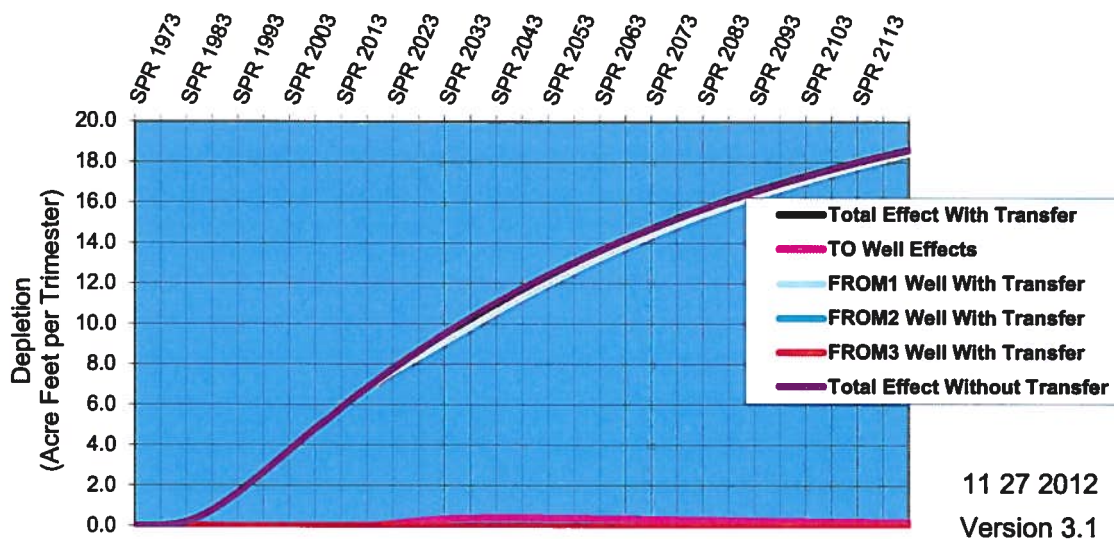
SPR 2110	0	732	732	0	0	0	0
SUM 2110	0	732	732	0	0	0	0
WIN 2110	0	732	732	0	0	0	0
SPR 2111	0	732	732	0	0	0	0
SUM 2111	0	732	732	0	0	0	0
WIN 2111	0	732	732	0	0	0	0
SPR 2112	0	732	732	0	0	0	0
SUM 2112	0	732	732	0	0	0	0
WIN 2112	0	732	732	0	0	0	0
SPR 2113	0	732	732	0	0	0	0
SUM 2113	0	732	732	0	0	0	0
WIN 2113	0	732	732	0	0	0	0
SPR 2114	0	732	732	0	0	0	0
SUM 2114	0	732	732	0	0	0	0
WIN 2114	0	732	732	0	0	0	0
SPR 2115	0	732	732	0	0	0	0
SUM 2115	0	732	732	0	0	0	0
WIN 2115	0	732	732	0	0	0	0
SPR 2116	0	732	732	0	0	0	0
SUM 2116	0	732	732	0	0	0	0
WIN 2116	0	732	732	0	0	0	0
SPR 2117	0	732	732	0	0	0	0
SUM 2117	0	732	732	0	0	0	0
WIN 2117	0	732	732	0	0	0	0
SPR 2118	0	732	732	0	0	0	0
SUM 2118	0	732	732	0	0	0	0
WIN 2118	0	732	732	0	0	0	0
SPR 2119	0	732	732	0	0	0	0
SUM 2119	0	732	732	0	0	0	0
WIN 2119	0	732	732	0	0	0	0
SPR 2120	0	732	732	0	0	0	0
SUM 2120	0	732	732	0	0	0	0
WIN 2120	0	732	732	0	0	0	0
SPR 2121	0	732	732	0	0	0	0
SUM 2121	0	732	732	0	0	0	0
WIN 2121	0	732	732	0	0	0	0
SPR 2122	0	732	732	0	0	0	0
SUM 2122	0	732	732	0	0	0	0
WIN 2122	0	732	732	0	0	0	0

ATTACHMENT 6
Groundwater Transfer Tool:
Graphs Above Milner

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

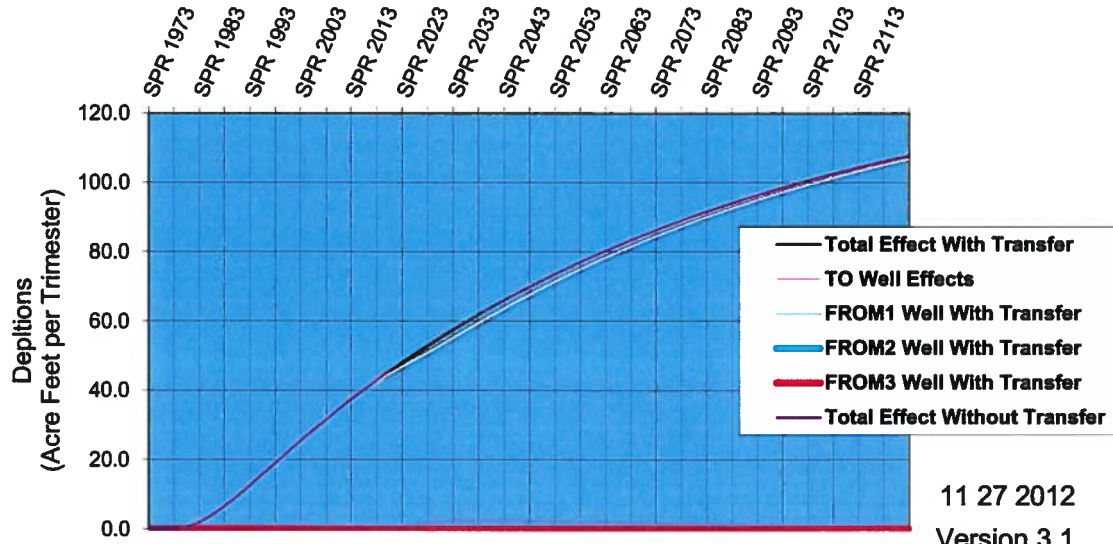


Hydrologic Response--Heise to Shelley Customer Name: **Potter_Sorensen** Transfer No:



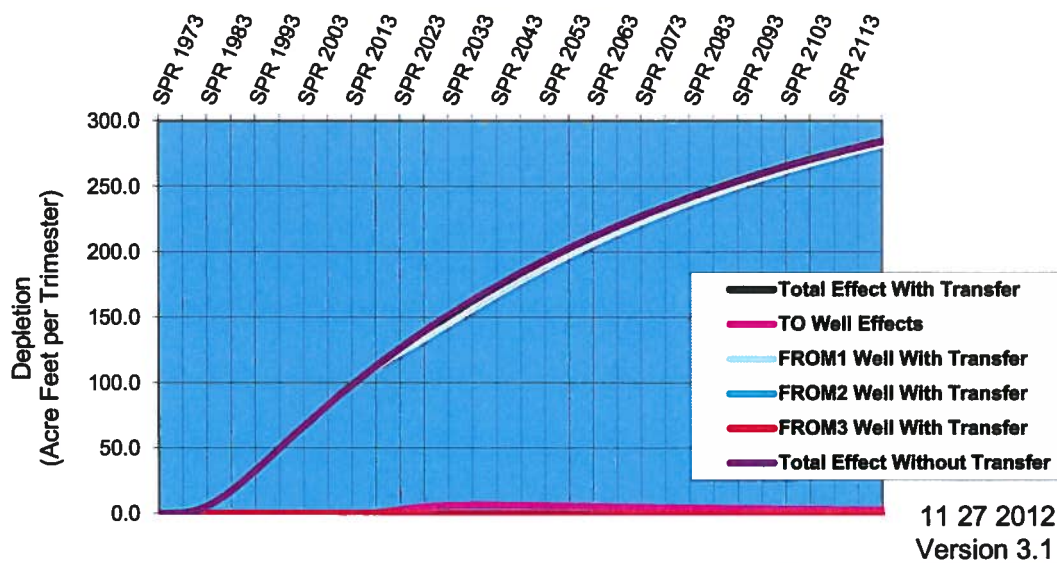
Hydrologic Response--Shelley to Near Blackfoot

Customer Name: **Potter_Sorensen** Transfer No:

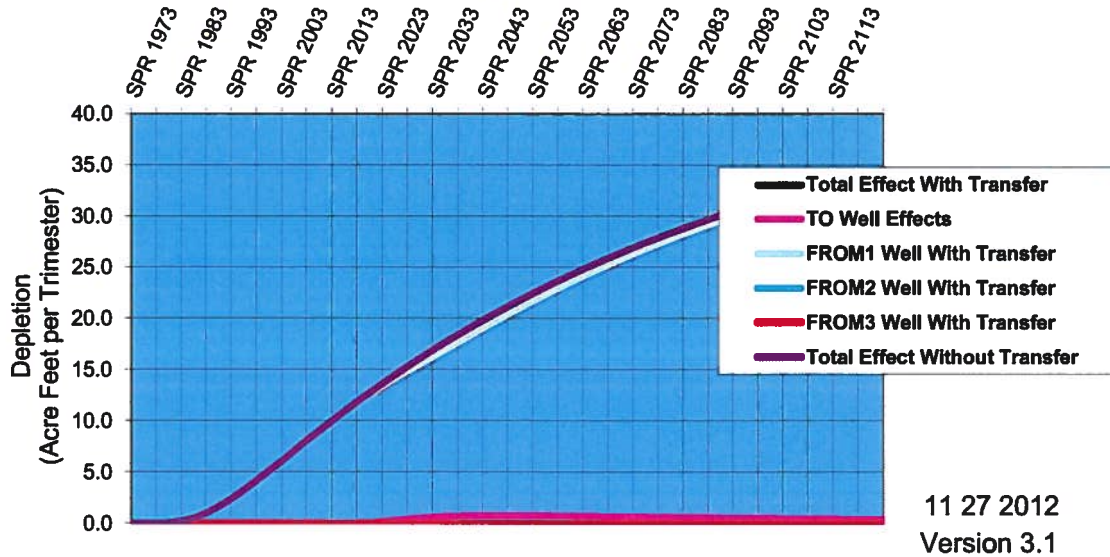


Hydrologic Response-- Near Blackfoot to Neeley

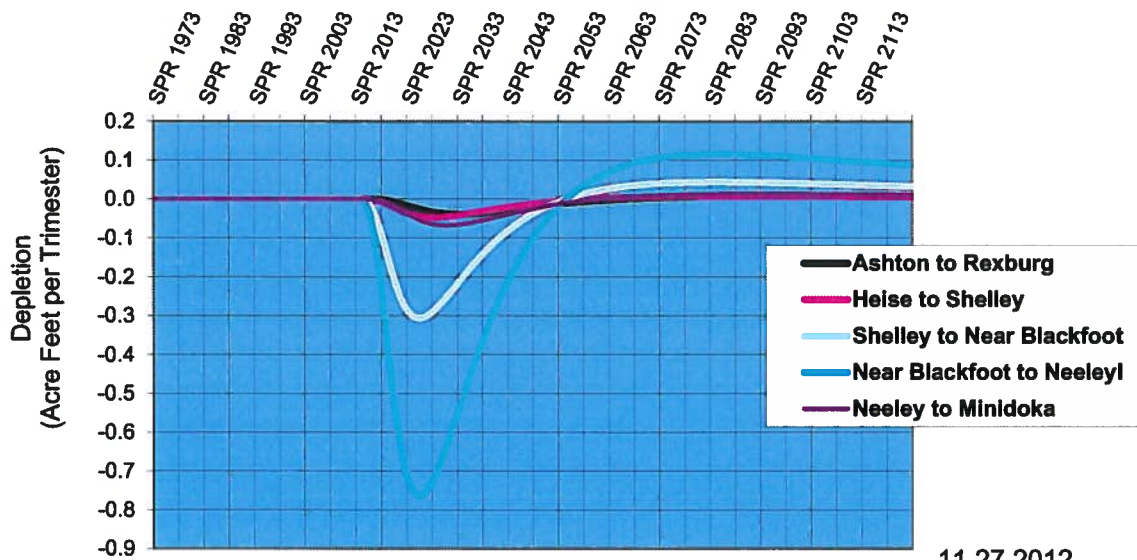
Customer Name: **Potter_Sorensen** Transfer No:



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



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

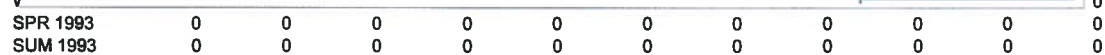
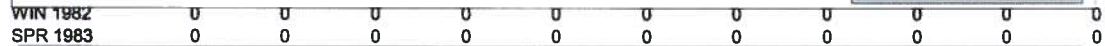


Customer Name: Potter_Sorensen

Transfer No:

11 27 2012
Version 3.1

ATTACHMENT 7
Groundwater Transfer Tool:
Change Ratio

[illegible]

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	6.01E-10	5.19E-09	3.28E-07	-6.7E-06	2.78E-09	3.14E-09	9.83E-10	6.19E-10	6.28E-11	5.7E-10	1.71E-11	
SUM 2012	7.57E-09	6.1E-08	-4.3E-06	-1.3E-05	3.35E-08	4E-08	1.27E-08	-4.7E-07	8.14E-10	7.35E-09	2.23E-10	
WIN 2012	4.99E-08	-5.8E-07	-2.4E-05	-7.1E-05	2.12E-07	2.66E-07	-3.9E-07	-4.2E-07	-2.4E-08	-1.9E-07	1.51E-09	
SPR 2013	-2.5E-07	-2.2E-06	-9E-05	-0.00024	-9.6E-07	-6.7E-07	-5.5E-07	-2.2E-07	-3.4E-08	-2.4E-07	-7.7E-09	
SUM 2013	-1.1E-06	-6.8E-06	-0.00025	-0.00068	-2.4E-06	-3.1E-06	-1.4E-06	-9.8E-07	-8.3E-08	-1.1E-06	-1.8E-08	
WIN 2013	-2.7E-06	-1.8E-05	-0.00061	-0.00165	-8.4E-06	-9.3E-06	-3.6E-06	-2.4E-06	-2.4E-07	-2.1E-06	-6.7E-08	
SPR 2014	-7.3E-06	-4.3E-05	-0.0013	-0.0035	-2E-05	-2.5E-05	-8.4E-06	-5.3E-06	-5.5E-07	-4.9E-06	-1.5E-07	
SUM 2014	-1.6E-05	-9.2E-05	-0.00249	-0.00672	-4.3E-05	-5.7E-05	-1.9E-05	-1.2E-05	-1.2E-06	-1.1E-05	-3.6E-07	
WIN 2014	-3.3E-05	-0.00018	-0.00441	-0.01185	-8.6E-05	-0.00011	-3.9E-05	-2.5E-05	-2.6E-06	-2.3E-05	-7.2E-07	
SPR 2015	-6.3E-05	-0.00032	-0.00729	-0.01949	-0.00016	-0.00021	-7.5E-05	-4.7E-05	-5E-06	-4.4E-05	-1.4E-06	
SUM 2015	-0.00011	-0.00054	-0.01133	-0.03019	-0.00028	-0.00038	-0.00013	-8.4E-05	-8.9E-06	-7.7E-05	-2.5E-06	
WIN 2015	-0.00018	-0.00085	-0.01674	-0.04442	-0.00046	-0.00064	-0.00022	-0.00014	-1.5E-05	-0.00013	-4.2E-06	
SPR 2016	-0.00029	-0.00129	-0.02364	-0.06249	-0.00071	-0.00101	-0.00036	-0.00023	-2.4E-05	-0.00021	-6.8E-06	
SUM 2016	-0.00044	-0.00188	-0.03211	-0.08452	-0.00107	-0.00154	-0.00055	-0.00035	-3.7E-05	-0.00032	-1E-05	
WIN 2016	-0.00064	-0.00262	-0.04214	-0.11047	-0.00154	-0.00225	-0.00081	-0.00051	-5.4E-05	-0.00047	-1.5E-05	
SPR 2017	-0.0009	-0.00355	-0.05364	-0.14008	-0.00215	-0.00318	-0.00115	-0.00072	-7.7E-05	-0.00067	-2.2E-05	
SUM 2017	-0.00123	-0.00465	-0.06648	-0.17294	-0.00291	-0.00435	-0.00158	-0.001	-0.00011	-0.00092	-3E-05	
WIN 2017	-0.00164	-0.00593	-0.08045	-0.20854	-0.00384	-0.00578	-0.00211	-0.00133	-0.00014	-0.00123	-4.1E-05	

SPR 2018	-0.00213	-0.00739	-0.09535	-0.24626	-0.00495	-0.00749	-0.00275	-0.00174	-0.00019	-0.00161	-5.4E-05
SUM 2018	-0.0027	-0.00902	-0.1109	-0.28546	-0.00624	-0.0095	-0.0035	-0.00221	-0.00024	-0.00205	-6.8E-05
WIN 2018	-0.00335	-0.01078	-0.12686	-0.32546	-0.00771	-0.0118	-0.00437	-0.00276	-0.0003	-0.00257	-8.6E-05
SPR 2019	-0.00409	-0.01267	-0.14297	-0.36566	-0.00936	-0.01438	-0.00534	-0.00338	-0.00036	-0.00314	-0.00011
SUM 2019	-0.00491	-0.01466	-0.15899	-0.40544	-0.01118	-0.01725	-0.00643	-0.00406	-0.00044	-0.00379	-0.00013
WIN 2019	-0.00581	-0.01673	-0.1747	-0.44429	-0.01316	-0.02037	-0.00762	-0.00482	-0.00052	-0.00449	-0.00015
SPR 2020	-0.00679	-0.01883	-0.18992	-0.48176	-0.01529	-0.02373	-0.0089	-0.00563	-0.00061	-0.00526	-0.00018
SUM 2020	-0.00783	-0.02096	-0.20447	-0.51745	-0.01754	-0.0273	-0.01027	-0.0065	-0.0007	-0.00607	-0.00021
WIN 2020	-0.00893	-0.02309	-0.21823	-0.55107	-0.01991	-0.03104	-0.01171	-0.00741	-0.0008	-0.00693	-0.00024
SPR 2021	-0.01008	-0.02519	-0.23108	-0.58237	-0.02236	-0.03494	-0.01322	-0.00836	-0.00091	-0.00783	-0.00027
SUM 2021	-0.01128	-0.02724	-0.24296	-0.61121	-0.02487	-0.03895	-0.01477	-0.00934	-0.00102	-0.00876	-0.0003
WIN 2021	-0.01252	-0.02923	-0.2538	-0.63746	-0.02743	-0.04304	-0.01635	-0.01035	-0.00113	-0.00971	-0.00033
SPR 2022	-0.01378	-0.03114	-0.26357	-0.66107	-0.03002	-0.04718	-0.01796	-0.01137	-0.00124	-0.01068	-0.00037
SUM 2022	-0.01507	-0.03296	-0.27226	-0.68204	-0.03261	-0.05134	-0.01958	-0.0124	-0.00135	-0.01165	-0.0004
WIN 2022	-0.01636	-0.03467	-0.27988	-0.70038	-0.03518	-0.05549	-0.0212	-0.01342	-0.00146	-0.01263	-0.00043
SPR 2023	-0.01766	-0.03628	-0.28645	-0.71616	-0.03772	-0.05961	-0.0228	-0.01444	-0.00158	-0.01359	-0.00047
SUM 2023	-0.01896	-0.03778	-0.29199	-0.72946	-0.04021	-0.06366	-0.02439	-0.01545	-0.00169	-0.01455	-0.0005
WIN 2023	-0.02025	-0.03915	-0.29654	-0.74038	-0.04263	-0.06762	-0.02594	-0.01643	-0.0018	-0.01549	-0.00053
SPR 2024	-0.02152	-0.04041	-0.30014	-0.74903	-0.04497	-0.07148	-0.02745	-0.0174	-0.0019	-0.0164	-0.00057
SUM 2024	-0.02277	-0.04154	-0.30285	-0.75556	-0.04723	-0.07521	-0.02892	-0.01833	-0.002	-0.01729	-0.0006
WIN 2024	-0.024	-0.04256	-0.30472	-0.76007	-0.04939	-0.0788	-0.03033	-0.01922	-0.0021	-0.01815	-0.00063
SPR 2025	-0.02519	-0.04347	-0.30581	-0.7627	-0.05143	-0.08224	-0.03168	-0.02008	-0.0022	-0.01897	-0.00066
SUM 2025	-0.02635	-0.04425	-0.30616	-0.76358	-0.05337	-0.08551	-0.03297	-0.0209	-0.00229	-0.01975	-0.00069
WIN 2025	-0.02746	-0.04493	-0.30584	-0.76287	-0.05518	-0.08861	-0.0342	-0.02168	-0.00238	-0.0205	-0.00071
SPR 2026	-0.02854	-0.04551	-0.30489	-0.76067	-0.05687	-0.09153	-0.03535	-0.02242	-0.00246	-0.0212	-0.00074
SUM 2026	-0.02957	-0.04598	-0.30338	-0.75713	-0.05844	-0.09426	-0.03643	-0.0231	-0.00253	-0.02186	-0.00076
WIN 2026	-0.03055	-0.04636	-0.30135	-0.75235	-0.05987	-0.09681	-0.03744	-0.02374	-0.00261	-0.02248	-0.00078
SPR 2027	-0.03148	-0.04664	-0.29886	-0.74647	-0.06119	-0.09916	-0.03837	-0.02434	-0.00267	-0.02305	-0.0008
SUM 2027	-0.03236	-0.04684	-0.29594	-0.73958	-0.06237	-0.10132	-0.03923	-0.02488	-0.00273	-0.02357	-0.00082
WIN 2027	-0.03319	-0.04696	-0.29265	-0.73178	-0.06343	-0.10329	-0.04001	-0.02538	-0.00279	-0.02405	-0.00084
SPR 2028	-0.03396	-0.047	-0.28902	-0.72316	-0.06437	-0.10507	-0.04072	-0.02583	-0.00284	-0.02449	-0.00086
SUM 2028	-0.03468	-0.04697	-0.28509	-0.71383	-0.06518	-0.10666	-0.04135	-0.02624	-0.00288	-0.02488	-0.00087
WIN 2028	-0.03535	-0.04687	-0.2809	-0.70386	-0.06588	-0.10807	-0.04192	-0.02659	-0.00292	-0.02522	-0.00088
SPR 2029	-0.03596	-0.04672	-0.27649	-0.69333	-0.06646	-0.1093	-0.04241	-0.02691	-0.00296	-0.02553	-0.0009
SUM 2029	-0.03651	-0.0465	-0.27187	-0.68233	-0.06693	-0.11035	-0.04283	-0.02718	-0.00299	-0.02579	-0.00091
WIN 2029	-0.03702	-0.04623	-0.26709	-0.6709	-0.0673	-0.11124	-0.04318	-0.0274	-0.00301	-0.02601	-0.00092
SPR 2030	-0.03746	-0.04592	-0.26216	-0.6591	-0.06757	-0.11195	-0.04347	-0.02759	-0.00304	-0.02619	-0.00092
SUM 2030	-0.03786	-0.04555	-0.25712	-0.64701	-0.06773	-0.11251	-0.0437	-0.02773	-0.00305	-0.02633	-0.00093
WIN 2030	-0.0382	-0.04515	-0.25197	-0.63465	-0.0678	-0.11291	-0.04386	-0.02784	-0.00306	-0.02644	-0.00093
SPR 2031	-0.0385	-0.04471	-0.24674	-0.62208	-0.06779	-0.11317	-0.04397	-0.02791	-0.00307	-0.02651	-0.00094
SUM 2031	-0.03874	-0.04423	-0.24146	-0.60936	-0.06769	-0.11328	-0.04402	-0.02794	-0.00308	-0.02655	-0.00094
WIN 2031	-0.03893	-0.04373	-0.23613	-0.59649	-0.06751	-0.11326	-0.04402	-0.02794	-0.00308	-0.02655	-0.00094
SPR 2032	-0.03908	-0.04319	-0.23077	-0.58354	-0.06725	-0.11311	-0.04397	-0.02791	-0.00307	-0.02652	-0.00094
SUM 2032	-0.03919	-0.04263	-0.2254	-0.57051	-0.06693	-0.11283	-0.04387	-0.02784	-0.00307	-0.02647	-0.00094
WIN 2032	-0.03924	-0.04205	-0.22002	-0.55747	-0.06653	-0.11244	-0.04372	-0.02775	-0.00306	-0.02638	-0.00094
SPR 2033	-0.03926	-0.04144	-0.21464	-0.5444	-0.06608	-0.11194	-0.04353	-0.02763	-0.00304	-0.02627	-0.00093
SUM 2033	-0.03924	-0.04081	-0.20929	-0.53136	-0.06556	-0.11133	-0.04329	-0.02748	-0.00303	-0.02613	-0.00093
WIN 2033	-0.03917	-0.04017	-0.20395	-0.51835	-0.06499	-0.11062	-0.04302	-0.02731	-0.00301	-0.02597	-0.00092
SPR 2034	-0.03907	-0.03952	-0.19865	-0.50538	-0.06437	-0.10983	-0.04271	-0.02711	-0.00299	-0.02579	-0.00092
SUM 2034	-0.03893	-0.03885	-0.19339	-0.49251	-0.0637	-0.10894	-0.04237	-0.0269	-0.00296	-0.02559	-0.00091
WIN 2034	-0.03876	-0.03817	-0.18817	-0.47972	-0.06299	-0.10797	-0.04199	-0.02666	-0.00294	-0.02536	-0.00091
SPR 2035	-0.03856	-0.03748	-0.183	-0.46702	-0.06224	-0.10693	-0.04159	-0.0264	-0.00291	-0.02512	-0.0009
SUM 2035	-0.03832	-0.03678	-0.17788	-0.45443	-0.06145	-0.10581	-0.04115	-0.02612	-0.00288	-0.02486	-0.00089
WIN 2035	-0.03806	-0.03608	-0.17283	-0.44197	-0.06063	-0.10463	-0.04069	-0.02583	-0.00285	-0.02458	-0.00088
SPR 2036	-0.03777	-0.03537	-0.16783	-0.42965	-0.05978	-0.10338	-0.04021	-0.02552	-0.00281	-0.02429	-0.00087
SUM 2036	-0.03745	-0.03466	-0.1629	-0.41745	-0.0589	-0.10208	-0.0397	-0.0252	-0.00278	-0.02399	-0.00086
WIN 2036	-0.03711	-0.03394	-0.15804	-0.4054	-0.05799	-0.10073	-0.03917	-0.02487	-0.00274	-0.02367	-0.00085
SPR 2037	-0.03674	-0.03323	-0.15325	-0.3935	-0.05706	-0.09933	-0.03863	-0.02452	-0.0027	-0.02334	-0.00084
SUM 2037	-0.03635	-0.03251	-0.14853	-0.38177	-0.05611	-0.09788	-0.03806	-0.02416	-0.00267	-0.023	-0.00083
WIN 2037	-0.03595	-0.03179	-0.14388	-0.3702	-0.05515	-0.09639	-0.03748	-0.02379	-0.00262	-0.02265	-0.00082
SPR 2038	-0.03552	-0.03107	-0.13931	-0.35879	-0.05416	-0.09487	-0.03689	-0.02342	-0.00258	-0.02229	-0.00081
SUM 2038	-0.03507	-0.03036	-0.13481	-0.34757	-0.05317	-0.09332	-0.03628	-0.02303	-0.00254	-0.02193	-0.00079
WIN 2038	-0.03461	-0.02964	-0.13039	-0.33651	-0.05216	-0.09173	-0.03566	-0.02264	-0.0025	-0.02155	-0.00078
SPR 2039	-0.03414	-0.02893	-0.12604	-0.32561	-0.05114	-0.09012	-0.03503	-0.02224	-0.00245	-0.02117	-0.00077
SUM 2039	-0.03365	-0.02823	-0.12178	-0.31491	-0.05011	-0.08849	-0.0344	-0.02184	-0.00241	-0.02079	-0.00076
WIN 2039	-0.03315	-0.02752	-0.11758	-0.30437	-0.04908	-0.08684	-0.03375	-0.02143	-0.00236	-0.0204	-0.00074
SPR 2040	-0.03263	-0.02682	-0.11347	-0.29403	-0.04804	-0.08517	-0.0331	-0.02101	-0.00232	-0.02001	-0.00073
SUM 2040	-0.03211	-0.02613	-0.10944	-0.28386	-0.047	-0.08348	-0.03244	-0.02059	-0.00227	-0.01961	-0.00072
WIN 2040	-0.03158	-0.02544	-0.10549	-0.27386	-0.04595	-0.08178	-0.03178	-0.02017	-0.00223	-0.01921	-0.0007
SPR 2041	-0.03104	-0.02476	-0.10161	-0.26405	-0.04491	-0.08008	-0.03111	-0.01975	-0.00218	-0.0188	-0.00069
SUM 2041	-0.03049	-0.02409	-0.0978	-0.25443	-0.04386	-0.07837	-0.03044	-0.01933	-0.00213	-0.0184	-0.00068
WIN 2041	-0.02994	-0.02342	-0.09408	-0.24497	-0.04282	-0.07665	-0.02977	-0.0189	-0.00209	-0.018	-0.00066
SPR 2042	-0.02938	-0.02276	-0.09042	-0.2357	-0.04178	-0.07492	-0.0291	-0.01847	-0.00204	-0.01759	-0.00065

SUM 2042	-0.02881	-0.02211	-0.08684	-0.2266	-0.04074	-0.0732	-0.02843	-0.01805	-0.00199	-0.01718	-0.00064
WIN 2042	-0.02825	-0.02146	-0.08334	-0.21768	-0.03971	-0.07148	-0.02775	-0.01762	-0.00194	-0.01678	-0.00062
SPR 2043	-0.02768	-0.02082	-0.07991	-0.20894	-0.03868	-0.06976	-0.02708	-0.01719	-0.0019	-0.01637	-0.00061
SUM 2043	-0.0271	-0.02019	-0.07655	-0.20036	-0.03765	-0.06805	-0.02641	-0.01677	-0.00185	-0.01597	-0.0006
WIN 2043	-0.02653	-0.01957	-0.07327	-0.19197	-0.03664	-0.06634	-0.02575	-0.01634	-0.0018	-0.01556	-0.00058
SPR 2044	-0.02595	-0.01896	-0.07005	-0.18374	-0.03563	-0.06464	-0.02508	-0.01592	-0.00176	-0.01516	-0.00057
SUM 2044	-0.02538	-0.01835	-0.0669	-0.17568	-0.03463	-0.06294	-0.02442	-0.0155	-0.00171	-0.01476	-0.00056
WIN 2044	-0.0248	-0.01775	-0.06382	-0.16779	-0.03363	-0.06126	-0.02376	-0.01508	-0.00167	-0.01436	-0.00054
SPR 2045	-0.02423	-0.01716	-0.06081	-0.16007	-0.03265	-0.05959	-0.02311	-0.01467	-0.00162	-0.01397	-0.00053
SUM 2045	-0.02366	-0.01658	-0.05787	-0.15251	-0.03168	-0.05792	-0.02246	-0.01426	-0.00157	-0.01358	-0.00052
WIN 2045	-0.02308	-0.01601	-0.05499	-0.1451	-0.03071	-0.05627	-0.02182	-0.01385	-0.00153	-0.01319	-0.0005
SPR 2046	-0.02252	-0.01545	-0.05218	-0.13786	-0.02976	-0.05464	-0.02118	-0.01344	-0.00148	-0.0128	-0.00049
SUM 2046	-0.02195	-0.0149	-0.04943	-0.13078	-0.02882	-0.05302	-0.02055	-0.01304	-0.00144	-0.01242	-0.00048
WIN 2046	-0.02139	-0.01436	-0.04675	-0.12385	-0.02788	-0.05141	-0.01992	-0.01264	-0.0014	-0.01204	-0.00046
SPR 2047	-0.02083	-0.01382	-0.04412	-0.11707	-0.02696	-0.04982	-0.0193	-0.01225	-0.00135	-0.01166	-0.00045
SUM 2047	-0.02027	-0.0133	-0.04156	-0.11044	-0.02606	-0.04825	-0.01869	-0.01186	-0.00131	-0.01129	-0.00044
WIN 2047	-0.01972	-0.01278	-0.03905	-0.10396	-0.02516	-0.04669	-0.01808	-0.01148	-0.00127	-0.01093	-0.00043
SPR 2048	-0.01918	-0.01227	-0.03661	-0.09763	-0.02427	-0.04515	-0.01748	-0.01109	-0.00123	-0.01056	-0.00041
SUM 2048	-0.01863	-0.01177	-0.03423	-0.09145	-0.0234	-0.04363	-0.01689	-0.01072	-0.00118	-0.0102	-0.0004
WIN 2048	-0.0181	-0.01128	-0.0319	-0.0854	-0.02254	-0.04213	-0.0163	-0.01035	-0.00114	-0.00985	-0.00039
SPR 2049	-0.01757	-0.0108	-0.02962	-0.0795	-0.02169	-0.04065	-0.01572	-0.00998	-0.0011	-0.0095	-0.00038
SUM 2049	-0.01704	-0.01033	-0.0274	-0.07373	-0.02086	-0.03919	-0.01515	-0.00962	-0.00106	-0.00916	-0.00037
WIN 2049	-0.01652	-0.00987	-0.02523	-0.0681	-0.02004	-0.03775	-0.01459	-0.00926	-0.00102	-0.00882	-0.00035
SPR 2050	-0.01601	-0.00941	-0.02312	-0.0626	-0.01923	-0.03632	-0.01404	-0.00891	-0.00098	-0.00848	-0.00034
SUM 2050	-0.0155	-0.00897	-0.02106	-0.05722	-0.01844	-0.03492	-0.01349	-0.00856	-0.00095	-0.00815	-0.00033
WIN 2050	-0.015	-0.00853	-0.01905	-0.05198	-0.01765	-0.03354	-0.01295	-0.00822	-0.00091	-0.00782	-0.00032
SPR 2051	-0.0145	-0.0081	-0.01708	-0.04686	-0.01688	-0.03218	-0.01242	-0.00788	-0.00087	-0.0075	-0.00031
SUM 2051	-0.01401	-0.00768	-0.01517	-0.04187	-0.01613	-0.03084	-0.0119	-0.00755	-0.00083	-0.00719	-0.0003
WIN 2051	-0.01353	-0.00727	-0.01331	-0.03699	-0.01538	-0.02952	-0.01139	-0.00723	-0.0008	-0.00688	-0.00029
SPR 2052	-0.01306	-0.00687	-0.01149	-0.03224	-0.01465	-0.02822	-0.01088	-0.00691	-0.00076	-0.00657	-0.00028
SUM 2052	-0.01259	-0.00647	-0.00972	-0.0276	-0.01393	-0.02695	-0.01039	-0.00659	-0.00073	-0.00627	-0.00027
WIN 2052	-0.01213	-0.00608	-0.00799	-0.02308	-0.01323	-0.02569	-0.0099	-0.00628	-0.00069	-0.00598	-0.00026
SPR 2053	-0.01167	-0.00571	-0.00631	-0.01867	-0.01254	-0.02446	-0.00942	-0.00597	-0.00066	-0.00569	-0.00025
SUM 2053	-0.01122	-0.00534	-0.00467	-0.01438	-0.01186	-0.02324	-0.00895	-0.00568	-0.00063	-0.0054	-0.00024
WIN 2053	-0.01078	-0.00497	-0.00308	-0.01019	-0.01119	-0.02205	-0.00848	-0.00538	-0.00059	-0.00512	-0.00023
SPR 2054	-0.01035	-0.00462	-0.00152	-0.0061	-0.01054	-0.02088	-0.00803	-0.00509	-0.00056	-0.00484	-0.00022
SUM 2054	-0.00992	-0.00427	-3.3E-06	-0.00212	-0.0099	-0.01973	-0.00758	-0.00481	-0.00053	-0.00457	-0.00021
WIN 2054	-0.0095	-0.00393	0.001467	0.001752	-0.00927	-0.0186	-0.00714	-0.00453	-0.0005	-0.00431	-0.0002
SPR 2055	-0.00909	-0.0036	0.002904	0.005528	-0.00865	-0.01749	-0.00671	-0.00426	-0.00047	-0.00405	-0.00019
SUM 2055	-0.00869	-0.00327	0.004303	0.009213	-0.00805	-0.01641	-0.00629	-0.00399	-0.00044	-0.00379	-0.00018
WIN 2055	-0.00829	-0.00296	0.005665	0.0128	-0.00746	-0.01534	-0.00587	-0.00372	-0.00041	-0.00354	-0.00017
SPR 2056	-0.0079	-0.00265	0.006986	0.016279	-0.00688	-0.0143	-0.00547	-0.00347	-0.00038	-0.0033	-0.00016
SUM 2056	-0.00751	-0.00234	0.008275	0.019687	-0.00631	-0.01327	-0.00507	-0.00321	-0.00036	-0.00305	-0.00016
WIN 2056	-0.00713	-0.00205	0.009527	0.022981	-0.00576	-0.01226	-0.00468	-0.00297	-0.00033	-0.00282	-0.00015
SPR 2057	-0.00676	-0.00176	0.010742	0.026201	-0.00521	-0.01128	-0.0043	-0.00272	-0.0003	-0.00259	-0.00014
SUM 2057	-0.0064	-0.00147	0.011924	0.029335	-0.00468	-0.01032	-0.00392	-0.00249	-0.00028	-0.00236	-0.00013
WIN 2057	-0.00604	-0.0012	0.013073	0.032386	-0.00416	-0.00937	-0.00356	-0.00225	-0.00025	-0.00214	-0.00012
SPR 2058	-0.00569	-0.00093	0.014193	0.035346	-0.00365	-0.00845	-0.0032	-0.00202	-0.00022	-0.00192	-0.00011
SUM 2058	-0.00535	-0.00067	0.015283	0.038219	-0.00315	-0.00754	-0.00284	-0.0018	-0.0002	-0.00171	-0.00011
WIN 2058	-0.00502	-0.00041	0.016338	0.041025	-0.00266	-0.00665	-0.0025	-0.00158	-0.00018	-0.0015	-1E-04
SPR 2059	-0.00469	-0.00016	0.017367	0.043751	-0.00219	-0.00579	-0.00216	-0.00137	-0.00015	-0.0013	-9.2E-05
SUM 2059	-0.00436	8.73E-05	0.018371	0.046388	-0.00172	-0.00493	-0.00183	-0.00116	-0.00013	-0.0011	-8.5E-05
WIN 2059	-0.00405	0.000326	0.019336	0.048969	-0.00127	-0.0041	-0.00151	-0.00095	-0.00011	-0.0009	-7.8E-05
SPR 2060	-0.00374	0.000559	0.020279	0.051466	-0.00082	-0.00329	-0.00119	-0.00075	-8.4E-05	-0.00071	-7.1E-05
SUM 2060	-0.00343	0.000786	0.021194	0.053899	-0.00039	-0.00249	-0.00089	-0.00056	-6.3E-05	-0.00053	-6.4E-05
WIN 2060	-0.00314	0.001006	0.022081	0.056255	3.78E-05	-0.00171	-0.00058	-0.00037	-4.1E-05	-0.00034	-5.8E-05
SPR 2061	-0.00285	0.001222	0.022942	0.058538	0.000452	-0.00095	-0.00029	-0.00018	-2.1E-05	-0.00017	-5.1E-05
SUM 2061	-0.00256	0.001432	0.023777	0.060766	0.000856	-0.00021	-3.9E-07	4.44E-06	-6.1E-07	8.2E-06	-4.5E-05
WIN 2061	-0.00228	0.001637	0.024588	0.062926	0.001252	0.000514	0.000281	0.000183	1.91E-05	0.000178	-3.8E-05
SPR 2062	-0.00201	0.001836	0.025367	0.065021	0.001638	0.001225	0.000555	0.000358	3.84E-05	0.000344	-3.2E-05
SUM 2062	-0.00174	0.002031	0.026132	0.067052	0.002015	0.001918	0.000825	0.000528	5.71E-05	0.000506	-2.6E-05
WIN 2062	-0.00148	0.00222	0.026867	0.069026	0.002383	0.002594	0.001087	0.000695	7.56E-05	0.000665	-2E-05
SPR 2063	-0.00123	0.002404	0.027581	0.07094	0.002743	0.003254	0.001343	0.000856	9.35E-05	0.00082	-1.5E-05
SUM 2063	-0.00098	0.002584	0.028274	0.072784	0.003093	0.0039	0.001592	0.001015	0.000111	0.000971	-8.9E-06
WIN 2063	-0.00074	0.002758	0.028948	0.07459	0.003434	0.004529	0.001836	0.00117	0.000128	0.001118	-3.4E-06
SPR 2064	-0.0005	0.002928	0.029595	0.07633	0.003765	0.005144	0.002074	0.001321	0.000145	0.001262	2.09E-06
SUM 2064	-0.00027	0.003094	0.030224	0.078004	0.004088	0.00574	0.002306	0.001468	0.000161	0.001402	7.41E-06
WIN 2064	-4.1E-05	0.003254	0.030836	0.079645	0.004405	0.006328	0.002531	0.001612	0.000177	0.001539	1.26E-05
SPR 2065	0.00018	0.00341	0.03143	0.081226	0.004712	0.006896	0.002753	0.001752	0.000192	0.001671	1.77E-05
SUM 2065	0.000396	0.003563	0.032	0.082762	0.005012	0.007454	0.002967	0.001888	0.000207	0.001802	2.27E-05
WIN 2065	0.000607	0.00371	0.032546	0.08424	0.005303	0.007994	0.003177	0.002021	0.000222	0.001928	2.76E-05
SPR 2066	0.000813	0.003854	0.033085	0.085661	0.005589	0.008523	0.003382	0.002151	0.000236	0.002051	3.24E-05
SUM 2066	0.001014	0.003993	0.0336	0.087043	0.005866	0.00904	0.003581	0.002276	0.00025	0.002172	3.7E-05

WIN 2066	0.00121	0.004129	0.034094	0.088371	0.006136	0.009539	0.003774	0.0024	0.000264	0.002289	4.16E-05
SPR 2067	0.001401	0.00426	0.034581	0.08966	0.006398	0.010029	0.003964	0.00252	0.000277	0.002403	4.61E-05
SUM 2067	0.001588	0.004388	0.035047	0.090914	0.006654	0.010503	0.004147	0.002636	0.00029	0.002514	5.05E-05
WIN 2067	0.001769	0.004512	0.035492	0.092117	0.006901	0.010965	0.004327	0.002749	0.000302	0.002621	5.48E-05
SPR 2068	0.001946	0.004633	0.035923	0.093287	0.007142	0.011417	0.004501	0.00286	0.000315	0.002726	5.9E-05
SUM 2068	0.00212	0.004749	0.036343	0.094409	0.007377	0.011854	0.004671	0.002968	0.000327	0.002829	6.3E-05
WIN 2068	0.002288	0.004862	0.036749	0.095499	0.007607	0.012283	0.004837	0.003072	0.000338	0.002928	6.7E-05
SPR 2069	0.002452	0.004972	0.037136	0.096542	0.007828	0.0127	0.004997	0.003174	0.000349	0.003026	7.1E-05
SUM 2069	0.002611	0.005079	0.037504	0.09754	0.008044	0.013101	0.005153	0.003273	0.00036	0.00312	7.48E-05
WIN 2069	0.002767	0.005182	0.037868	0.098509	0.008255	0.013494	0.005306	0.003369	0.000371	0.003212	7.85E-05
SPR 2070	0.002918	0.005282	0.038213	0.09945	0.008459	0.013878	0.005452	0.003462	0.000381	0.003301	8.22E-05
SUM 2070	0.003065	0.00538	0.03854	0.100347	0.008655	0.014248	0.005595	0.003553	0.000391	0.003387	8.57E-05
WIN 2070	0.003208	0.005473	0.038863	0.101202	0.008847	0.014609	0.005734	0.003642	0.000401	0.003471	8.92E-05
SPR 2071	0.003348	0.005564	0.039168	0.10203	0.009033	0.014958	0.00587	0.003727	0.00041	0.003552	9.26E-05
SUM 2071	0.003484	0.005653	0.039456	0.102833	0.009214	0.015299	0.006001	0.003811	0.00042	0.003631	9.59E-05
WIN 2071	0.003616	0.005738	0.039741	0.103595	0.009389	0.015628	0.006127	0.003891	0.000428	0.003708	9.91E-05
SPR 2072	0.003744	0.005821	0.040008	0.104318	0.009559	0.01595	0.006252	0.00397	0.000437	0.003782	0.000102
SUM 2072	0.003869	0.0059	0.040265	0.105017	0.009726	0.016262	0.006371	0.004046	0.000445	0.003855	0.000105
WIN 2072	0.00399	0.005977	0.040513	0.105691	0.009884	0.016564	0.006487	0.00412	0.000454	0.003925	0.000108
SPR 2073	0.004108	0.006051	0.040744	0.106343	0.010039	0.016856	0.006599	0.004191	0.000462	0.003992	0.000111
SUM 2073	0.004222	0.006123	0.040973	0.106956	0.010188	0.01714	0.00671	0.00426	0.000469	0.004058	0.000114
WIN 2073	0.004333	0.006192	0.041193	0.107547	0.010334	0.017414	0.006816	0.004328	0.000477	0.004122	0.000117
SPR 2074	0.004441	0.006259	0.041396	0.108116	0.010475	0.017681	0.006918	0.004393	0.000484	0.004184	0.00012
SUM 2074	0.004546	0.006324	0.04159	0.108663	0.010612	0.017939	0.007017	0.004456	0.000491	0.004244	0.000122
WIN 2074	0.004648	0.006386	0.041783	0.109189	0.010743	0.01819	0.007113	0.004517	0.000497	0.004302	0.000125
SPR 2075	0.004746	0.006446	0.041959	0.109678	0.010872	0.018434	0.007206	0.004576	0.000504	0.004358	0.000127
SUM 2075	0.004842	0.006503	0.042127	0.110147	0.010994	0.018666	0.007296	0.004633	0.00051	0.004412	0.00013
WIN 2075	0.004935	0.006558	0.042285	0.110596	0.011112	0.018896	0.007384	0.004689	0.000516	0.004465	0.000132
SPR 2076	0.005025	0.006611	0.042436	0.111009	0.011226	0.019116	0.007468	0.004742	0.000522	0.004515	0.000135
SUM 2076	0.005112	0.006662	0.042578	0.111402	0.011336	0.019326	0.007549	0.004794	0.000528	0.004564	0.000137
WIN 2076	0.005196	0.006711	0.042711	0.111773	0.011444	0.01953	0.007628	0.004843	0.000533	0.004612	0.000139
SPR 2077	0.005278	0.006758	0.042836	0.112111	0.011546	0.019729	0.007704	0.004891	0.000539	0.004658	0.000141
SUM 2077	0.005357	0.006803	0.042952	0.112445	0.011647	0.019922	0.007779	0.004938	0.000544	0.004701	0.000143
WIN 2077	0.005433	0.006847	0.04306	0.112758	0.011744	0.020106	0.007848	0.004983	0.000549	0.004743	0.000145
SPR 2078	0.005507	0.006889	0.043168	0.113052	0.011838	0.020281	0.007917	0.005026	0.000554	0.004784	0.000147
SUM 2078	0.005579	0.006929	0.04326	0.113328	0.011926	0.020456	0.007982	0.005067	0.000558	0.004825	0.000149
WIN 2078	0.005648	0.006968	0.043351	0.113568	0.012011	0.020622	0.008045	0.005108	0.000563	0.004862	0.000151
SPR 2079	0.005714	0.007004	0.043433	0.113805	0.012093	0.020781	0.008107	0.005146	0.000567	0.004899	0.000153
SUM 2079	0.005779	0.007039	0.043515	0.114024	0.012172	0.020935	0.008166	0.005184	0.000571	0.004934	0.000155
WIN 2079	0.005841	0.007073	0.043582	0.114223	0.012248	0.021081	0.008222	0.005219	0.000575	0.004968	0.000156
SPR 2080	0.005901	0.007104	0.043647	0.114404	0.012321	0.02122	0.008276	0.005253	0.000579	0.005	0.000158
SUM 2080	0.00596	0.007134	0.043705	0.114566	0.012391	0.021359	0.008327	0.005286	0.000582	0.005031	0.00016
WIN 2080	0.006016	0.007163	0.043754	0.114725	0.012459	0.021491	0.008378	0.005318	0.000586	0.005062	0.000161
SPR 2081	0.00607	0.00719	0.043802	0.114864	0.012523	0.021616	0.008426	0.005349	0.000589	0.00509	0.000163
SUM 2081	0.006123	0.007215	0.043843	0.114985	0.012584	0.021734	0.008471	0.005378	0.000592	0.005118	0.000164
WIN 2081	0.006173	0.00724	0.043882	0.115087	0.012641	0.021848	0.008517	0.005406	0.000595	0.005144	0.000166
SPR 2082	0.006221	0.007263	0.043914	0.115184	0.012696	0.02196	0.008558	0.005432	0.000598	0.005169	0.000167
SUM 2082	0.006267	0.007284	0.043937	0.115263	0.012751	0.022065	0.008598	0.005458	0.000601	0.005194	0.000168
WIN 2082	0.006311	0.007304	0.043959	0.115338	0.012801	0.022167	0.008637	0.005482	0.000604	0.005217	0.00017
SPR 2083	0.006354	0.007324	0.043973	0.115395	0.01285	0.022263	0.008673	0.005506	0.000606	0.005239	0.000171
SUM 2083	0.006395	0.007342	0.043986	0.115433	0.012898	0.022357	0.008707	0.005528	0.000609	0.005259	0.000172
WIN 2083	0.006434	0.007359	0.043991	0.115467	0.012943	0.022444	0.008741	0.005548	0.000611	0.005279	0.000173
SPR 2084	0.006473	0.007374	0.043995	0.115497	0.012986	0.022529	0.008773	0.005568	0.000613	0.005298	0.000175
SUM 2084	0.006508	0.007389	0.043998	0.115507	0.013024	0.022608	0.008803	0.005588	0.000616	0.005317	0.000176
WIN 2084	0.006542	0.007402	0.043993	0.115499	0.013063	0.022681	0.008831	0.005606	0.000617	0.005334	0.000177
SPR 2085	0.006575	0.007414	0.043979	0.115486	0.013097	0.022752	0.008858	0.005622	0.000619	0.00535	0.000178
SUM 2085	0.006607	0.007426	0.043964	0.115469	0.013129	0.022821	0.008882	0.005638	0.000621	0.005365	0.000179
WIN 2085	0.006637	0.007436	0.043949	0.115433	0.013159	0.022884	0.008906	0.005654	0.000623	0.00538	0.00018
SPR 2086	0.006665	0.007446	0.043924	0.115377	0.013187	0.022945	0.00893	0.005668	0.000624	0.005394	0.000181
SUM 2086	0.006693	0.007454	0.043899	0.115333	0.013215	0.023	0.00895	0.005681	0.000626	0.005406	0.000181
WIN 2086	0.006719	0.007461	0.043864	0.115268	0.013239	0.023054	0.00897	0.005693	0.000627	0.005418	0.000182
SPR 2087	0.006743	0.007466	0.043836	0.115199	0.013263	0.023106	0.00899	0.005705	0.000628	0.005428	0.000183
SUM 2087	0.006767	0.007471	0.043799	0.115108	0.013285	0.023153	0.009006	0.005717	0.00063	0.005439	0.000184
WIN 2087	0.006788	0.007474	0.043754	0.11503	0.013305	0.023198	0.009022	0.005727	0.000631	0.005449	0.000185
SPR 2088	0.006809	0.007478	0.043714	0.11493	0.013323	0.023237	0.009037	0.005736	0.000632	0.005457	0.000185
SUM 2088	0.006829	0.00748	0.043666	0.11481	0.013339	0.023275	0.009052	0.005745	0.000633	0.005465	0.000186
WIN 2088	0.006847	0.007482	0.043623	0.1147	0.013355	0.023312	0.009065	0.005752	0.000634	0.005473	0.000187
SPR 2089	0.006864	0.007482	0.043572	0.114584	0.013367	0.023343	0.009076	0.005759	0.000634	0.00548	0.000187
SUM 2089	0.006881	0.007483	0.043519	0.114464	0.01338	0.023369	0.009085	0.005766	0.000635	0.005485	0.000188
WIN 2089	0.006897	0.007483	0.043464	0.114322	0.01339	0.023393	0.009094	0.005771	0.000636	0.005491	0.000189
SPR 2090	0.00691	0.007482	0.043408	0.114189	0.013401	0.023416	0.009102	0.005776	0.000636	0.005495	0.000189
SUM 2090	0.006923	0.007481	0.04335	0.114051	0.013409	0.023438	0.00911	0.005781	0.000637	0.0055	0.00019
WIN 2090	0.006935	0.00748	0.043282	0.113891	0.013416	0.023454	0.009116	0.005785	0.000637	0.005503	0.00019

SPR 2091	0.006946	0.007477	0.043213	0.113725	0.013423	0.02347	0.009121	0.005789	0.000638	0.005506	0.000191
SUM 2091	0.006955	0.007473	0.043149	0.113552	0.013428	0.023483	0.009125	0.005791	0.000638	0.005509	0.000191
WIN 2091	0.006965	0.007469	0.043083	0.113373	0.013431	0.023496	0.009128	0.005793	0.000638	0.005511	0.000192
SPR 2092	0.006974	0.007465	0.043008	0.113187	0.013432	0.023503	0.009131	0.005795	0.000638	0.005513	0.000192
SUM 2092	0.006981	0.007459	0.04293	0.112994	0.013432	0.023506	0.009133	0.005796	0.000638	0.005513	0.000192
WIN 2092	0.006989	0.007455	0.042858	0.112809	0.013431	0.023511	0.009134	0.005797	0.000638	0.005513	0.000193
SPR 2093	0.006994	0.007448	0.042784	0.112603	0.013429	0.02351	0.009134	0.005796	0.000638	0.005514	0.000193
SUM 2093	0.006999	0.007442	0.0427	0.112403	0.013425	0.023509	0.009132	0.005796	0.000638	0.005513	0.000193
WIN 2093	0.007004	0.007435	0.042613	0.112196	0.013421	0.023506	0.009131	0.005795	0.000638	0.005511	0.000194
SPR 2094	0.007007	0.007425	0.042532	0.111982	0.013415	0.023502	0.009129	0.005793	0.000638	0.00551	0.000194
SUM 2094	0.007009	0.007416	0.042448	0.11176	0.013409	0.023497	0.009126	0.005791	0.000638	0.005508	0.000194
WIN 2094	0.007011	0.007408	0.042361	0.11153	0.013402	0.023486	0.009121	0.005789	0.000638	0.005505	0.000195
SPR 2095	0.007012	0.007398	0.042272	0.111291	0.013392	0.023478	0.009116	0.005786	0.000637	0.005502	0.000195
SUM 2095	0.007013	0.00739	0.04218	0.111075	0.013383	0.023469	0.009112	0.005783	0.000637	0.0055	0.000195
WIN 2095	0.007013	0.007379	0.042093	0.110866	0.013373	0.023455	0.009106	0.00578	0.000637	0.005496	0.000195
SPR 2096	0.007012	0.00737	0.041996	0.110647	0.013362	0.02344	0.0091	0.005775	0.000636	0.005492	0.000195
SUM 2096	0.00701	0.007359	0.041903	0.11042	0.013351	0.023423	0.009092	0.005772	0.000636	0.005488	0.000195
WIN 2096	0.007008	0.007348	0.041807	0.110184	0.013338	0.023405	0.009084	0.005766	0.000635	0.005484	0.000196
SPR 2097	0.007005	0.007336	0.041709	0.109939	0.013325	0.023386	0.009077	0.005761	0.000634	0.005478	0.000196
SUM 2097	0.007002	0.007324	0.041614	0.109669	0.013312	0.023361	0.009068	0.005755	0.000634	0.005472	0.000196
WIN 2097	0.006999	0.007312	0.041509	0.109405	0.013297	0.023339	0.009059	0.005749	0.000633	0.005467	0.000196
SPR 2098	0.006994	0.007299	0.041416	0.109132	0.013282	0.023316	0.00905	0.005744	0.000633	0.005461	0.000196
SUM 2098	0.00699	0.007286	0.041312	0.108878	0.013265	0.023292	0.00904	0.005737	0.000632	0.005455	0.000196
WIN 2098	0.006985	0.007273	0.041205	0.108615	0.013249	0.023266	0.009029	0.00573	0.000631	0.005448	0.000196
SPR 2099	0.006979	0.007259	0.041102	0.108341	0.013232	0.023235	0.009017	0.005723	0.00063	0.005441	0.000196
SUM 2099	0.006972	0.007245	0.040995	0.108087	0.013213	0.023206	0.009005	0.005716	0.000629	0.005434	0.000196
WIN 2099	0.006966	0.007231	0.040893	0.107823	0.013194	0.023176	0.008994	0.005707	0.000628	0.005427	0.000196
SPR 2100	0.006959	0.007216	0.040786	0.107548	0.013176	0.023145	0.00898	0.005699	0.000628	0.005419	0.000196
SUM 2100	0.00695	0.0072	0.040684	0.107293	0.013155	0.023112	0.008966	0.00569	0.000627	0.005411	0.000196
WIN 2100	0.006944	0.007187	0.040578	0.106997	0.013134	0.023078	0.008953	0.005682	0.000626	0.005402	0.000196
SPR 2101	0.006937	0.007171	0.040468	0.106719	0.013113	0.023046	0.00894	0.005672	0.000625	0.005394	0.000196
SUM 2101	0.006929	0.007156	0.040361	0.106461	0.013092	0.023012	0.008925	0.005663	0.000624	0.005386	0.000196
WIN 2101	0.006919	0.007141	0.040251	0.10616	0.01307	0.022974	0.00891	0.005654	0.000623	0.005377	0.000196
SPR 2102	0.006909	0.007125	0.040136	0.105879	0.013047	0.022934	0.008895	0.005644	0.000622	0.005367	0.000196
SUM 2102	0.0069	0.007109	0.040026	0.105585	0.013023	0.022896	0.00888	0.005635	0.000621	0.005357	0.000195
WIN 2102	0.006889	0.007093	0.039918	0.105309	0.013	0.022856	0.008865	0.005625	0.00062	0.005347	0.000195
SPR 2103	0.006878	0.007076	0.039806	0.104992	0.012977	0.022815	0.008849	0.005615	0.000619	0.005337	0.000195
SUM 2103	0.006867	0.007059	0.03969	0.104692	0.01295	0.022773	0.008832	0.005605	0.000617	0.005327	0.000195
WIN 2103	0.006856	0.007043	0.039578	0.104409	0.012924	0.022733	0.008816	0.005595	0.000616	0.005316	0.000195
SPR 2104	0.006843	0.007024	0.039468	0.104114	0.012898	0.022691	0.008799	0.005585	0.000615	0.005307	0.000195
SUM 2104	0.006832	0.007007	0.039346	0.103806	0.012872	0.022647	0.008783	0.005573	0.000614	0.005296	0.000195
WIN 2104	0.006819	0.00699	0.039227	0.103516	0.012848	0.022606	0.008765	0.005561	0.000612	0.005285	0.000194
SPR 2105	0.006806	0.006974	0.039111	0.103242	0.01282	0.022563	0.008746	0.00555	0.000611	0.005275	0.000194
SUM 2105	0.006793	0.006955	0.038999	0.102925	0.012793	0.022518	0.008728	0.005538	0.00061	0.005264	0.000194
WIN 2105	0.00678	0.006938	0.038881	0.102624	0.012767	0.022471	0.00871	0.005525	0.000609	0.005253	0.000194
SPR 2106	0.006768	0.00692	0.038758	0.102341	0.012738	0.022427	0.008691	0.005514	0.000607	0.00524	0.000194
SUM 2106	0.006753	0.006901	0.038646	0.102043	0.012708	0.022381	0.008671	0.005502	0.000606	0.005229	0.000193
WIN 2106	0.006739	0.006884	0.038529	0.101731	0.012685	0.022333	0.008653	0.00549	0.000605	0.005217	0.000193
SPR 2107	0.006725	0.006865	0.038414	0.101404	0.012655	0.022283	0.008634	0.005478	0.000603	0.005206	0.000193
SUM 2107	0.006712	0.006846	0.038294	0.101094	0.012627	0.022235	0.008616	0.005466	0.000602	0.005194	0.000193
WIN 2107	0.006696	0.006827	0.038177	0.1008	0.0126	0.022185	0.008595	0.005454	0.0006	0.005182	0.000192
SPR 2108	0.006681	0.00681	0.038062	0.100491	0.012571	0.022134	0.008575	0.005441	0.000599	0.00517	0.000192
SUM 2108	0.006666	0.006789	0.037941	0.100167	0.01254	0.02208	0.008556	0.005428	0.000598	0.005158	0.000192
WIN 2108	0.006652	0.00677	0.037823	0.099857	0.012511	0.022028	0.008535	0.005415	0.000596	0.005145	0.000191
SPR 2109	0.006636	0.006753	0.0377	0.099563	0.012483	0.021975	0.008515	0.005403	0.000595	0.005133	0.000191
SUM 2109	0.00662	0.006732	0.037586	0.099254	0.012453	0.021919	0.008494	0.00539	0.000593	0.005119	0.000191
WIN 2109	0.006606	0.006713	0.037467	0.098929	0.01242	0.021866	0.008473	0.005376	0.000592	0.005106	0.000191
SPR 2110	0.006589	0.006693	0.037349	0.098619	0.012389	0.021814	0.008452	0.005362	0.000591	0.005094	0.00019
SUM 2110	0.006573	0.006675	0.037234	0.098323	0.012359	0.021763	0.00843	0.005349	0.000589	0.005082	0.00019
WIN 2110	0.006556	0.006653	0.037112	0.098011	0.012327	0.021707	0.008409	0.005336	0.000587	0.005069	0.00019
SPR 2111	0.006541	0.006633	0.036993	0.097683	0.012293	0.021653	0.008387	0.005322	0.000586	0.005056	0.000189
SUM 2111	0.006525	0.006614	0.036868	0.097399	0.01226	0.0216	0.008365	0.005308	0.000584	0.005044	0.000189
WIN 2111	0.006507	0.006594	0.036752	0.097099	0.012229	0.021545	0.008343	0.005294	0.000583	0.005031	0.000189
SPR 2112	0.00649	0.006574	0.03663	0.096782	0.012199	0.021488	0.008321	0.005281	0.000581	0.005017	0.000188
SUM 2112	0.006473	0.006555	0.036509	0.096448	0.012167	0.021433	0.008299	0.005267	0.00058	0.005004	0.000188
WIN 2112	0.006457	0.006536	0.03639	0.096158	0.012132	0.021379	0.008276	0.005252	0.000578	0.004991	0.000188
SPR 2113	0.00644	0.006516	0.036272	0.095851	0.012102	0.021323	0.008255	0.005238	0.000577	0.004977	0.000187
SUM 2113	0.006423	0.006496	0.036156	0.095526	0.01207	0.021264	0.008232	0.005224	0.000575	0.004963	0.000187
WIN 2113	0.006405	0.006475	0.036033	0.095214	0.012035	0.021207	0.008211	0.00521	0.000574	0.00495	0.000186
SPR 2114	0.006388	0.006456	0.035912	0.094884	0.012002	0.021152	0.008189	0.005196	0.000572	0.004936	0.000186
SUM 2114	0.006371	0.006435	0.035792	0.094598	0.01197	0.021094	0.008167	0.005182	0.000571	0.004922	0.000186
WIN 2114	0.006354	0.006414	0.035672	0.094262	0.011939	0.021034	0.008145	0.005168	0.000569	0.004909	0.000185
SPR 2115	0.006336	0.006394	0.035554	0.09397	0.011906	0.020979	0.00812	0.005153	0.000567	0.004895	0.000185

SUM 2115	0.006317	0.006374	0.035437	0.093659	0.011871	0.020921	0.008098	0.005139	0.000566	0.004882	0.000184
WIN 2115	0.006299	0.006354	0.035321	0.09333	0.011836	0.020865	0.008075	0.005124	0.000564	0.004867	0.000184
SPR 2116	0.006283	0.006333	0.035206	0.093043	0.011803	0.020807	0.008051	0.005109	0.000563	0.004854	0.000184
SUM 2116	0.006263	0.006315	0.035084	0.092706	0.011771	0.020746	0.008027	0.005095	0.000561	0.004839	0.000183
WIN 2116	0.006244	0.006295	0.034962	0.092412	0.011736	0.02069	0.008005	0.00508	0.000559	0.004825	0.000183
SPR 2117	0.006226	0.006275	0.034841	0.092099	0.011703	0.020627	0.007983	0.005066	0.000558	0.004811	0.000182
SUM 2117	0.006207	0.006254	0.034721	0.091797	0.011671	0.02057	0.00796	0.005051	0.000556	0.004797	0.000182
WIN 2117	0.006189	0.006234	0.034602	0.091475	0.01164	0.02051	0.007937	0.005036	0.000554	0.004783	0.000182
SPR 2118	0.006173	0.006215	0.034483	0.091164	0.011606	0.020451	0.007913	0.005021	0.000553	0.004769	0.000181
SUM 2118	0.006155	0.006193	0.034364	0.090834	0.011569	0.020394	0.007891	0.005007	0.000551	0.004755	0.000181
WIN 2118	0.006136	0.006174	0.034246	0.090544	0.011534	0.020334	0.007866	0.004991	0.00055	0.004741	0.00018
SPR 2119	0.006118	0.006152	0.034128	0.090234	0.0115	0.020274	0.007843	0.004977	0.000548	0.004727	0.00018
SUM 2119	0.0061	0.006132	0.034011	0.089905	0.011467	0.020213	0.00782	0.004962	0.000546	0.004713	0.000179
WIN 2119	0.00608	0.006112	0.033894	0.089615	0.011431	0.020152	0.007796	0.004947	0.000545	0.004699	0.000179
SPR 2120	0.006061	0.00609	0.033777	0.089305	0.011396	0.020092	0.007774	0.004933	0.000543	0.004685	0.000178
SUM 2120	0.006043	0.00607	0.033659	0.089005	0.011363	0.020033	0.007749	0.004917	0.000541	0.00467	0.000178
WIN 2120	0.006025	0.006051	0.033542	0.088685	0.01133	0.019971	0.007726	0.004903	0.00054	0.004655	0.000178
SPR 2121	0.006007	0.006031	0.033425	0.088374	0.011295	0.019914	0.007702	0.004888	0.000538	0.00464	0.000177
SUM 2121	0.005987	0.006009	0.033308	0.088072	0.01126	0.019854	0.00768	0.004874	0.000536	0.004626	0.000177
WIN 2121	0.005968	0.005989	0.033191	0.08778	0.011227	0.019795	0.007657	0.004858	0.000535	0.004612	0.000176
SPR 2122	0.00595	0.005969	0.033074	0.087466	0.011191	0.019733	0.007634	0.004843	0.000533	0.004598	0.000176
SUM 2122	0.005931	0.00595	0.032956	0.087161	0.011159	0.019672	0.00761	0.004828	0.000532	0.004584	0.000175
WIN 2122	0.005911	0.00593	0.032846	0.086865	0.011125	0.019612	0.007588	0.004812	0.00053	0.00457	0.000175

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ATTACHMENT 8

Mitigation Analysis Tool Report

Mitigation Analysis Report

Enter Information for First Transfer Here

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
Transfer 1: Input Water Right Conditions Prior to Transfer							
34-7052	6	2195.5	472.0	11 13 1973			25,112

Transfer 1: Input Water Right Conditions Following Transfer

34-7052	6	2195.5	472	11 13 1973	0	0	23,112
---------	---	--------	-----	------------	---	---	--------

Impact by Reach (AF/Trimester)

Ashton to Rexburg		Helise to Shelley		Shelley to Neeley		Neeley to Minidoka		Dev. Wbl. To Buhl		Buhl to Kspr		Kspr to Mailed		Mailed to Bancroft	
				Nr Bldg		Nr Bldg		Buhl		Kspr		Mailed			
Pre-SS	17.56	18.60	107.71	284.31	34.52	60.31	23.28	14.76	1.62	14.00	0.53				
Post-SS	17.57	18.61	107.74	284.40	34.53	60.33	23.29	14.77	1.62	14.01	0.53				
Pre-TS	17.56	18.60	107.71	284.31	34.52	60.31	23.28	14.76	1.62	14.00	0.53				
Post-TS	17.57	18.61	107.74	284.40	34.53	60.33	23.29	14.77	1.62	14.01	0.53				

Steady State Analysis

Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - > 10% of Total:	3.0%	3.2%	18.7%	49.3%	6.0%	10.4%	2.6%	4.0%	2.4%	0.3%	2.4%	0.1%	0.1%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2: > 2.01 AFT:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Read Me