

RECEIVED

OCT 03 2014

DEPARTMENT OF
WATER RESOURCES

This is to certify that: **JEFF DUFFIN**
PO BOX 525
ABDERDEEN ID 83210
(208) 221-1115

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
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29-13827	01/29/1960	Ground Water	NA	0.20 cfs	35.0 af	NA	10.0 ac
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36-196	06/22/1960	Ground Water	NA	0.10 cfs	22.0 af	NA	5.5 ac
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Annual Combined Rental Totals	0.3 cfs	57.0 af	NA	15.5 ac
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Term of Rental: June 23, 2014 to December 31, 2014

Rental Fee:	\$969.00
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The fee for rental of the above-described water is \$969.00 per year. Ten percent (\$96.90) 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

ON FILE # 29-13827

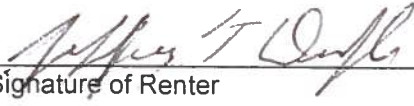
SCANNED

007 1 0 2014

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:

 Jeffrey T. Duffin 9-25-14
Signature of Renter Printed Name and Title* 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  Date October 6, 2014
BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

SCANNED
OCT 10 2014

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WATER SUPPLY BANK RENTAL AGREEMENT
WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER

NWSESW

Sec. 26, Twp 06S, Rge 30E, BINGHAM County

BENEFICIAL 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	
06S	30E	26									4.5	4.2	3.3	3.5					15.5

Total Acres: 15.5

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 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. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
7. Renter acknowledges and agrees that the Director may terminate 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.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
9. This rental agreement does not authorize the construction of a well.
10. 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 for irrigation of the lands above.
11. 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.

CONDITIONS APPLICABLE TO RIGHT 29-13827

12. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre for irrigation of the lands above.

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OCT 10 2014

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

RECEIVED

JUN 23 2014

DEPARTMENT OF
WATER RESOURCES

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) Jeff DuffinMailing Address PO Box 525 Aberdeen, Idaho 83210Phone 208-221-1115

Email _____

A. DESCRIPTION OF WATER SOUGHT FOR RENT

1. <u>Maximum Flow Rate (cfs)</u>	<u>Maximum Volume (ac-ft)</u>	<u>Nature of Use</u>	<u>Period of Use</u>
<u>0.23</u>	<u>58.3</u>	<u>Irrigation</u>	<u>4/01</u> to <u>12/31</u>
_____	_____	_____	_____ to _____
_____	_____	_____	_____ to _____
Total: <u>0.23</u>	<u>58.3</u>		

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
06S	30E	26			SE	SW	Bingham County

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	
06S	30E	26									4.5	4.2	3.3	3.5					15.5

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

Total Acres 15.5

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.

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OCT 10 2014

D. GENERAL INFORMATION

1. Please provide a description of the proposed diversion system.

Existing well, mainline and irrigation system

2. Describe any other water rights diverted through the same point(s) of diversion or used for the same purpose(s) as described above.
35-4022

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. N/A

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.

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

Printed Name and Title*

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

SCANNED
OCT 10 2014
Page 2



0 250 500 1,000 Feet

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OCT 10 2014

DUFFIN, JEFF

WATER SUPPLY RENTAL 2014
NAIP 2013 AERIAL

Legend

- WSB Rental 2014
- Township
- Sections
- Index

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF WATER RESOURCES

Cells this color are
set up for user entries

1

2

3

4

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

TRANSFER NO:

YEAR 1950
SEASON

TRANSFER NAME:

ESPA Cell

103122

66128

AFA

7.5	26.3
8	32.0

15.5 acres
58.25 AFA
3.8 af/acre

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	88	103	66	
COLUMN	100	122	128	

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 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1960	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1960	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1960	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1961	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1961	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1961	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1962	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1962	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1962	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1963	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1963	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1963	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1964	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1964	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1964	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1965	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1965	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1965	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1966	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1966	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1966	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1967	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1967	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1967	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1968	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1968	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1968	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1969	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1969	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1969	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1970	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1970	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1970	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1971	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1971	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1971	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1972	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1972	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1972	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1973	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1973	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1973	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SPR 1974	0.0	8.8	8.8	0.0	0.0	0.0	0.0
SUM 1974	0.0	8.8	8.8	0.0	0.0	0.0	0.0
WIN 1974	0.0	8.8	8.8	10.7	10.7	0.0	0.0

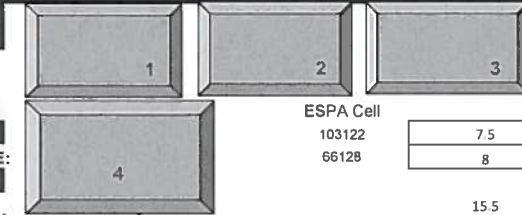
SCANNED
OCT 10 2014

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries



ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON
YEAR 1950
SEASON

TRANSFER NO:

TRANSFER NAME:

ESPA Cell

103122
66128

AFA

7.5	26.3
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15.5 acres
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3.8 af/acre

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COLUMN	100	122	128	

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		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 1975	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1975	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1975	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1976	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1976	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1976	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1977	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1977	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1977	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1978	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1978	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1978	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1979	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1979	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1979	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1980	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1980	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1980	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1981	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1981	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1981	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1982	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1982	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1982	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1983	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1983	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1983	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1984	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1984	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1984	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1985	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1985	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1985	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1986	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1986	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1986	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1987	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1987	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1987	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1988	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1988	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1988	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1989	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1989	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1989	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1990	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1990	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1990	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1991	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1991	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1991	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1992	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1992	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1992	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1993	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1993	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1993	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1994	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1994	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1994	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1995	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1995	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1995	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1996	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1996	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1996	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1997	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1997	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1997	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1998	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1998	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1998	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 1999	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 1999	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 1999	0.0	8.8	8.8	10.7	10.7	0.0	0.0

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

TRANSFER NO:

YEAR 1950
SEASON

TRANSFER NAME:

ESPA Cell

103122

66128

AFA

7.5

26.3

8

32.0

15.5

acres

58.25

AFA

3.8

af/acre

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	88	103	66	
COLUMN	100	122	128	

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 2000	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2000	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2000	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2001	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2001	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2001	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2002	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2002	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2002	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2003	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2003	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2003	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2004	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2004	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2004	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2005	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2005	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2005	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2006	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2006	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2006	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2007	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2007	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2007	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2008	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2008	0.0	8.8	8.8	0.0	10.7	0.0	0.0
WIN 2008	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SPR 2009	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SUM 2009	0.0	0.0	8.8	0.0	10.7	0.0	0.0
WIN 2009	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SPR 2010	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SUM 2010	0.0	0.0	8.8	0.0	10.7	0.0	0.0
WIN 2010	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SPR 2011	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SUM 2011	0.0	0.0	8.8	0.0	10.7	0.0	0.0
WIN 2011	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SPR 2012	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SUM 2012	0.0	0.0	8.8	0.0	10.7	0.0	0.0
WIN 2012	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SPR 2013	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SUM 2013	0.0	0.0	8.8	0.0	10.7	0.0	0.0
WIN 2013	0.0	0.0	8.8	0.0	10.7	0.0	0.0
SPR 2014	19.4	0.0	8.8	0.0	10.7	0.0	0.0
SUM 2014	19.4	0.0	8.8	0.0	10.7	0.0	0.0
WIN 2014	19.4	0.0	8.8	0.0	10.7	0.0	0.0
SPR 2015	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SUM 2015	0.0	0.0	8.8	10.7	10.7	0.0	0.0
WIN 2015	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SPR 2016	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SUM 2016	0.0	0.0	8.8	10.7	10.7	0.0	0.0
WIN 2016	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SPR 2017	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SUM 2017	0.0	0.0	8.8	10.7	10.7	0.0	0.0
WIN 2017	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SPR 2018	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SUM 2018	0.0	0.0	8.8	10.7	10.7	0.0	0.0
WIN 2018	0.0	0.0	8.8	10.7	10.7	0.0	0.0
SPR 2019	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2019	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2019	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2020	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2020	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2020	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2021	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2021	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2021	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2022	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2022	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2022	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2023	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2023	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2023	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2024	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2024	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2024	0.0	8.8	8.8	10.7	10.7	0.0	0.0

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ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON
 YEAR 1950
 SEASON

TRANSFER NO:

TRANSFER NAME:

ESPA Cell

103122
66128

AFA

7.5	26.3
8	32.0

15.5 acres
58.25 AFA
3.8 af/acre

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	88	103	66	
COLUMN	100	122	128	

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 2025	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2025	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2025	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2026	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2026	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2026	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2027	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2027	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2027	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2028	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2028	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2028	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2029	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2029	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2029	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2030	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2030	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2030	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2031	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2031	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2031	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2032	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2032	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2032	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2033	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2033	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2033	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2034	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2034	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2034	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2035	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2035	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2035	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2036	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2036	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2036	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2037	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2037	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2037	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2038	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2038	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2038	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2039	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2039	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2039	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2040	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2040	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2040	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2041	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2041	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2041	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2042	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2042	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2042	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2043	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2043	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2043	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2044	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2044	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2044	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2045	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2045	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2045	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2046	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2046	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2046	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2047	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2047	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2047	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SPR 2048	0.0	8.8	8.8	10.7	10.7	0.0	0.0
SUM 2048	0.0	8.8	8.8	10.7	10.7	0.0	0.0
WIN 2048	0.0	8.8	8.8	10.7	10.7	0.0	0.0

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Trimester Mitigation Analysis Period

Jeff Duffin 2014 Rental

Trimester 1 2 Trimester Annual AFT

Rental Application Total Reach Depletion Impacts

AFT: 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

One-Way Analysis of Independent Transfers

Transfer 1: 15.5 acres Rental

100.0% Pre-SS 62.0 AFA 15.5 Acres
100.0% Post-SS 62.0 AFA 15.5 Acres 0.0 Acres Mitigation 0

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

Transfer 1: Proposed Steady State Impacts following Transfer

Transfer: Worst Case Transient State Impacts following Transfer

Impact by Reach (AFT/trimester)

Ashton to Resburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev Wbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Malad	Malad to Bancroft		
0.54	0.64	5.01	12.44	0.27	0.28	0.10	0.06	0.01	0.06	0.00
0.53	0.64	5.01	12.44	0.27	0.28	0.10	0.06	0.01	0.06	0.00
0.54	0.64	5.01	12.44	0.27	0.28	0.10	0.06	0.01	0.06	0.00
0.53	0.64	5.01	12.44	0.31	0.28	0.10	0.06	0.01	0.06	0.00

Steady State Analysis	Mitigation Check 1 - >10% of Historical	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.2%	-0.2%	-0.3%
	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	2.8%	3.3%	25.8%	64.1%	1.4%	0.5%	0.3%	0.0%	0.3%	0.0%
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis	Mitigation Check 1 - >10% of Historical	-0.1%	0.0%	0.0%	0.0%	11.6%	-0.24%	-0.2%	-0.2%	-0.2%	-0.3%
	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 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

Read Me

Transfer 2:

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

Transfer 1: Worst Case Transient State Impacts following Transfer

Impact by Reach (AFT/trimester)

Ashton to Resburg	Hesse to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev Wbl Buhl	To Buhl to 1000 Spr	1000 Spr	1000 Spr to Malad	Malad	Malad to Bancroft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Steady State Analysis	Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2 > 2 AFT	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0
	Mitigation Check 3 - >10% of Total	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis	Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	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 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

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

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

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

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

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

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

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

Set Aside 1 (Non-Use/Desiccation):

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

Non-Use: Proposed Steady State Impacts following Change

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

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

Impact Mo

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

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

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

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



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

GARY SPACKMAN
Director

C.L. "BUTCH" OTTER
Governor

November 19, 2014

COPY

Jeff Duffin
PO BOX 525
ABERDEEN, ID 83210

**RE: EXPIRATION OF RENTAL AGREEMENT FOR WATER RIGHT NO(S). 29-13827
and 36-196 FROM THE WATER SUPPLY BANK**

Dear Renter:

This letter is to inform you that your Rental Agreement for rental of water from the Water Supply Bank has expired. You applied for the rental of water on 7 /7 /2014 and the subsequent Rental Agreement authorized diversion of water under Water Right No(s). 29-13827 and 36-196 through the 2014 season only.

The Rental Agreement is expired, or will be expired by the end of the season of use, and the water use in connection with the rental will no longer be in effect.

Any diversion or use of water associated with this rental agreement is not authorized and, if occurring, will be subject to any necessary enforcement action.

If you wish to rent water in the future, please reapply using new forms from the Department's website at www.idwr.idaho.gov. If you have any questions regarding this matter, please contact me at (208) 287-4944.

Sincerely,

Cherie Palmer
Water Rights Supervisor
WSB Process Point of Contact

c: Brockway Engineering
Greg Sullivan



State of Idaho

DEPARTMENT OF WATER RESOURCES

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

GARY SPACKMAN
Director

C.L. "BUTCH" OTTER
Governor

October 9, 2014

JEFF DUFFIN
PO BOX 525
ABERDEEN, ID 83210

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 29-13827 AND 36-196**

Dear Renter:

Please find enclosed a receipt in the amount of **\$969.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 57.0 acre-feet of water for irrigation of 15.5 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 \$872.10 of the rental fee will be paid to the lessor(s) and 10% or \$96.90 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. C099494
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office/Water District #120
Greg Sullivan – Brockway Engineering PLLC
Rob Whitney-IDWR Compliance Bureau

SCANNED

OCT 10 2014



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

GARY SPACKMAN
Director

C.L. "BUTCH" OTTER
Governor

September 23, 2014

JEFF DUFFIN
PO BOX 525
ABERDEEN, ID 83210

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 29-13827 AND 36-196**

*****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 \$969.00 was calculated based on the current rental rate of \$17.00 per acre-foot times a diversion volume of 15.5 acre-feet. An annual payment shall be received by the Department prior to the execution of this agreement and prior to February 15 in all subsequent years for the duration of the rental period. The agreement will be void if payment is not received prior to the due date in a given year. If you would like to terminate the agreement prior to the end of the rental period, you must submit written notice of your intent to the Department at least 30 days prior to the rental fee due date.

Please send a check for \$969.00 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing. Pursuant to the Water Supply Bank Rules, 90% or \$872.10 of the rental fee will be paid to the lessor(s) and 10% or \$96.90 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
Greg Sullivan-Brockway Engineering PLLC

SCANNED
OCT 10 2014

MEMORANDUM

To: Water Right(s) 29-13827, 36-196, and 36-15536
From: Clay Webster
Date: September 19, 2014
Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: The department received an application to rent water from the water supply bank on Jun 23, 2014 from Brockway Engineering for Jeff Duffin. The applicant wishes to rent water to cover the corners of his pivots for WR 35-4022. This is in response to an enforcement action E-2014-649.

The original application identified 29-13827 and 35-14040 as the rental water rights. 35-14040 was rented prior to processing of this application. (See letter dated August 26, 2014)

36-15536 will not be utilized for this rental due to curtailment in the Rangen Call. We discussed how an enlargement right can be left off of the rental while still renting the original right. However, the original right cannot be left off of the rental while still renting the enlargement right.

A portion of right 36-196 is being rented by Lisa Funk through 2015.

AUTHORITY TO FILE: This application was signed by Jeff Duffin, According to available 2014 Bingham County taxlot information, the POU for this rental is owned by Mr. Duffin.

WATER RIGHT VALIDITY: Checked to ensure that leased rights were idled. Water right 29-13827 was leased to the WSB through 2018 by Juniper Hills Country Club Inc. 48.7 acres of water rights 36-196 and 36-15536 were leased to the WSB through 2015 by the Jentzsch's. 36-15536 was curtailed this year by the Rangen Call.

INJURY TO OTHER WATER RIGHTS: On August 26, 2014 the department received new ESPA modeling for water rights 29-13827 and 36-196 from Greg Sullivan at Brockway Engineering. Modeling was checked by Cherie Palmer and me. No injury is apparent.

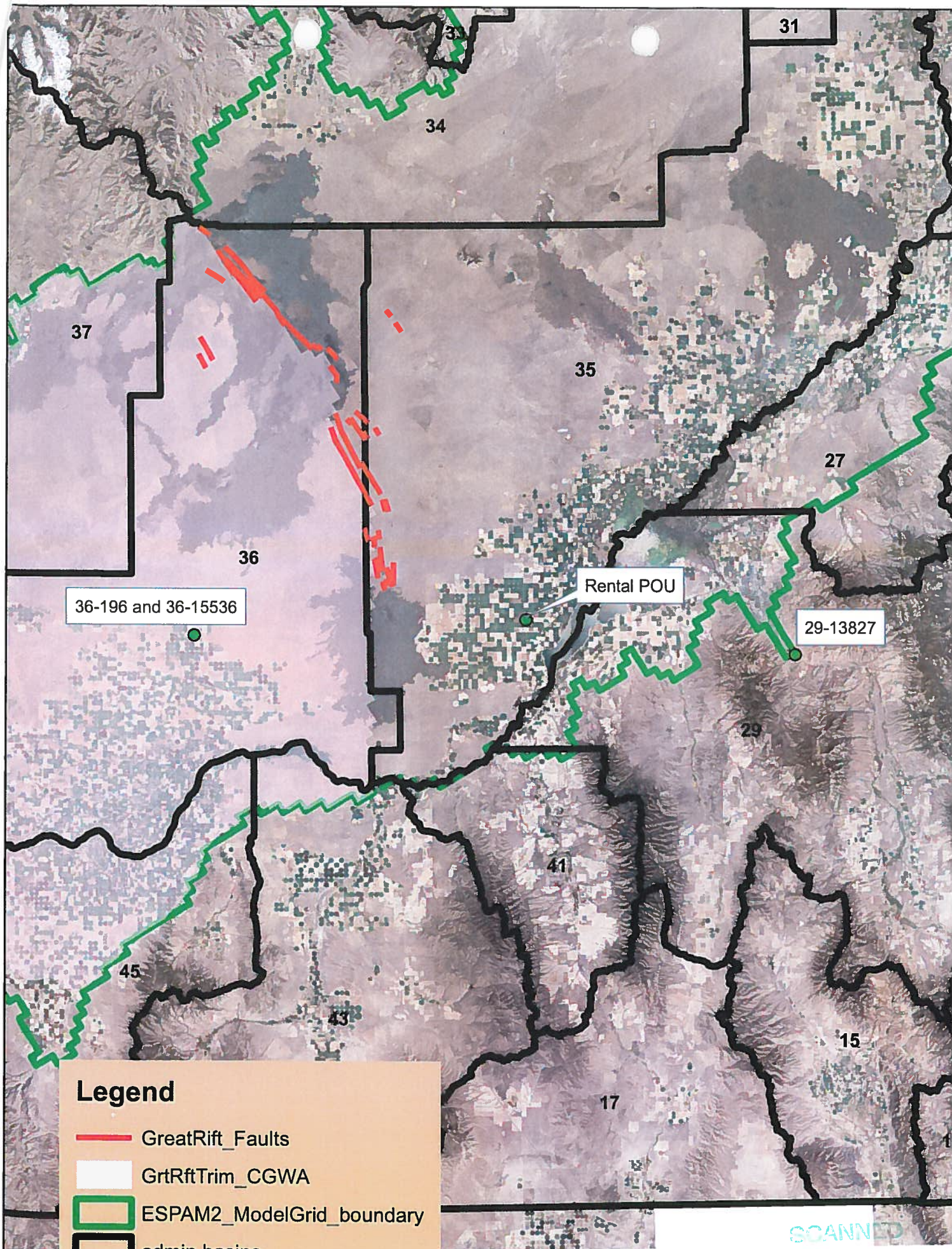
ENLARGEMENT OF USE: No enlargement is evident through the rental.

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. See e-mail dated September 8, 2014 for comments

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OCT 10 2014

The USDA-FSA Aerial Photography Field office asks to be credited in derived products.

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			
29-13827	35	535.5	59.5	595.00	0.20	10.00	0	0	0.00
36-196	22	336.6	37.4	374.00	0.10	5.50	0	0	0.00
Total	57	\$872.10	\$96.90	\$969.00	0.30	15.50	0	0	0.00

SCANNED
OCT 10 2014

Webster, Clay

From: Cefalo, James
Sent: Monday, September 08, 2014 12:31 PM
To: Webster, Clay
Subject: RE: Watermaster and Region comments on Duffin Rental application

Clay,

I don't have any concerns about the proposed rental. I'm glad that it's finally to this stage.

James

From: Webster, Clay
Sent: Monday, September 08, 2014 10:33 AM
To: Cefalo, James
Subject: Watermaster and Region comments on Duffin Rental application

James,

I am currently processing this application for rental to cover Mr. Duffin's corners of his pivots. Do you have any concerns or comments? Thanks.

Sincerely,

Clay Webster

Water Resource Agent

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

Palmer, Cherie

From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Tuesday, August 26, 2014 2:26 PM
To: Palmer, Cherie
Subject: RE: Jeff Duffin-Deficiency Letter
Attachments: Data Entry.pdf; Rental Analysis.pdf

Cherie,

I have attached the ESPA model analysis for the 15.5 acre Jeff Duffin rental. The proposed rental water rights are 29-13827 at 10.0 acres with 3.5 acre-feet/acre. It is also proposed rent 5.5 acres from 36-196 and 36-15536 at 5.5 acres with 4.0 acre-feet/acre.

Please review the attached analysis.

Thank you,

Greg Sullivan
Brockway Engineering
2016 N. Washington St. Suite 4
Twin Falls, Id 83301
208-736-8543

From: Palmer, Cherie [mailto:Cherie.Palmer@idwr.idaho.gov]
Sent: Tuesday, August 26, 2014 1:07 PM
To: Greg Sullivan
Subject: Jeff Duffin-Deficiency Letter

Greg,

Please review the attached letter regarding the rental of 35-14040 for the Jeff Duffin rental application.

Thanks,

*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
phone: (208) 287-4944
fax: (208) 287-6700*

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2012.0.2247 / Virus Database: 3955/7601 - Release Date: 08/26/14

Jeff Duffin 2014 Rental

Transfer: Annual 1 2 Triennial AFT

Rental Application Total Reach Depletion Impacts

One-Way Analysis of Independent Transfers

Transfer 1 : 15.5 acres Rental							
WR No	Div Rate (CFS)	Can Vol (AFA)	No of Irr Acres	Priority Date	POD Location	Dedicated Vol AFA/AFT	Model Node
Transfer 1: Proposed Steady State Impacts following Transfer							
Transfer: Worst Case Transient State Impacts following Transfer							

AFT: 0.0 0.0 0.0 1.80 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

Impact by Reach (AFT/Transfer)											
Ashton to Rexburg	Hesse to Shelley	Shelley to Nr Bickn	Nr Bickn To Neeley	Neeley to Mindoka	Dev Vbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad	Malad to Bancroft	
0.34	0.40	3.59	10.74	0.98	1.55	0.60	0.38	0.04	0.38	0.01	
0.34	0.40	3.59	10.73	0.98	1.54	0.59	0.38	0.04	0.38	0.01	
0.34	0.40	3.59	10.74	0.96	1.55	0.60	0.38	0.04	0.38	0.01	
0.34	0.40	3.59	12.54	0.96	1.54	0.59	0.38	0.04	0.38	0.01	

Steady State Analysis											
Mitigation Check 1 - >10% of Historical	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%
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	0.0
Mitigation Check 3 - >10% of Total	1.8%	2.1%	18.9%	96.8%	5.1%	8.1%	3.1%	2.0%	0.2%	1.9%	0.1%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transient State Analysis											
Mitigation Check 1 - >10% of Historical	-0.1%	-0.1%	0.0%	15.9%	-0.1%	-0.16%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%
Mitigation Check 2 - > 2 AFT	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Read Me

Transfer 2 :							
WR No	Div Rate (CFS)	Can Vol (AFA)	No of Irr Acres	Priority Date	POD Location	Dedicated Vol AFA/AFT	Model Node
Transfer: Proposed Steady State Impacts following Transfer							
Transfer 1: Worst Case Transient State Impacts following Transfer							

Impact by Reach (AFT/Transfer)											
Ashton to Rexburg	Hesse to Shelley	Shelley to Nr Bickn	Nr Bickn To Neeley	Neeley to Mindoka	Dev Vbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Malad	Malad to Malad	Malad to Bancroft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Steady State Analysis											
Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2 - > 2 AFT	0.0	0.0	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Transient State Analysis											
Mitigation Check 1 - >10% of Historical	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Check 2 - > 2 AFT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

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

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

Steady State Summary of Modified Stream Depletions Following Transfer(s)											
Impact by Reach (AF/Trimester)											
Ashton to Resburg	Hesse to Shelley	Shelley to Nr Bickf To Neeley	Nr Bickf To Neeley	Neeley to Mindoka	Dev Vbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Maled	Maled to Maled	Maled to Bancroft	Maled to Bancroft
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Summary of Modified Stream Depletions Following Transfer(s)											
Impact by Reach (AF/Trimester)											
Ashton to Resburg	Hesse to Shelley	Shelley to Nr Bickf To Neeley	Nr Bickf To Neeley	Neeley to Mindoka	Dev Vbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Maled	Maled to Maled	Maled to Bancroft	Maled to Bancroft
1	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Set Aside 1 (Non-Use/Desiccation):

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

Non-Use: Proposed Steady State Impacts following Change

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

Read Me

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

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

Steady State Summary of Modified Stream Depletions Following Transfer(s)											
Impact by Reach (AF/Trimester)											
Ashton to Resburg	Hesse to Shelley	Shelley to Nr Bickf To Neeley	Nr Bickf To Neeley	Neeley to Mindoka	Dev Vbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Maled	Maled to Maled	Maled to Bancroft	Maled to Bancroft
Total 1-Way Transfer Depletions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Summary of Modified Stream Depletions Following Transfer(s)											
Impact by Reach (AF/Trimester)											
Ashton to Resburg	Hesse to Shelley	Shelley to Nr Bickf To Neeley	Nr Bickf To Neeley	Neeley to Mindoka	Dev Vbl To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr	1000 Spr to Maled	Maled to Maled	Maled to Bancroft	Maled to Bancroft
Total 1-Way Transfer Depletions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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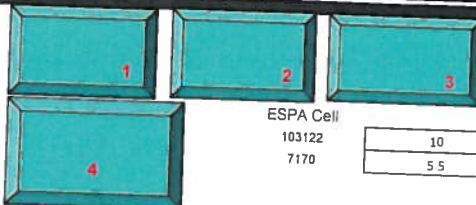
Cells this color are set up for user entries

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

TRANSFER NO:

YEAR 1950
SEASON

TRANSFER NAME:



ESPA Cell

103122
7170

AFA

10	35.0
5.5	22.0

ENTER CELL LOCATIONS:

ROW	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
COLUMN	88 100	103 122	71 70	

15.5 acres
57.0 AFA
3.68 af/acre

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfer AF/TRIMESTER
SPR 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1950	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1951	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1954	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1960	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1960	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1961	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1961	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1961	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1962	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1962	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1962	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1963	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1963	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1963	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1964	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1964	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1964	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1965	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1965	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1965	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1966	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1966	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1966	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1967	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1967	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1967	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1968	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1968	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1968	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1969	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1969	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1969	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1970	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1970	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1970	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1971	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1971	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1971	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1972	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1972	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1972	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1973	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1973	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1973	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1974	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SUM 1974	0.0	11.7	11.7	0.0	0.0	0.0	0.0
WIN 1974	0.0	11.7	11.7	0.0	0.0	0.0	0.0
SPR 1975	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1975	0.0	11.7	11.7	7.3	7.3	0.0	0.0

SCANNED
OCT 10 2014

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 1950
SEASON
TRANSFER NAME:

ESPA Cell

103122
7170

AFA

10	35.0
5.5	22.0

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	88	103	71	
COLUMN	100	122	70	

15.5 acres
57.0 AFA
3.68 af/acre

TRIMESTER OF ACTIVITY	TO WELL		FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Protected Use	AF/TRIMESTER	With Transfer	Without Transfer	With Transfer	Without Transfer	With Transfer	Without Transfer
WIN 1975		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1976		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1976		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1976		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1977		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1977		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1977		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1978		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1978		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1978		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1979		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1979		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1979		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1980		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1980		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1980		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1981		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1981		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1981		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1982		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1982		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1982		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1983		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1983		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1983		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1984		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1984		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1984		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1985		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1985		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1985		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1986		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1986		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1986		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1987		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1987		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1987		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1988		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1988		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1988		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1989		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1989		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1989		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1990		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1990		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1990		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1991		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1991		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1991		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1992		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1992		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1992		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1993		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1993		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1993		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1994		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1994		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1994		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1995		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1995		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1995		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1996		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1996		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1996		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1997		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1997		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1997		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1998		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1998		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1998		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 1999		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 1999		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 1999		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2000		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2000		0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2000		0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2001		0.0	11.7	11.7	7.3	7.3	0.0	0.0

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE IDAHO DEPARTMENT OF AGRICULTURE

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

TRANSFER NO:

YEAR: 1950

SEASON:

TRANSFER NAME:



ESPA Cell

103122
7170

AFA

10	35.0
5.5	22.0

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	88	103	71	
COLUMN	100	122	70	

15.5 acres
57.0 AFA
3.68 af/acre

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
SUM 2001	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2001	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2002	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2002	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2002	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2003	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2003	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2003	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2004	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2004	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2004	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2005	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2005	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2005	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2006	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2006	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2006	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2007	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2007	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2007	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2008	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2008	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2008	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SPR 2009	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SUM 2009	0.0	0.0	11.7	7.3	7.3	0.0	0.0
WIN 2009	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SPR 2010	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SUM 2010	0.0	0.0	11.7	7.3	7.3	0.0	0.0
WIN 2010	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SPR 2011	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SUM 2011	0.0	0.0	11.7	0.0	7.3	0.0	0.0
WIN 2011	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SPR 2012	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SUM 2012	0.0	0.0	11.7	0.0	7.3	0.0	0.0
WIN 2012	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SPR 2013	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SUM 2013	0.0	0.0	11.7	0.0	7.3	0.0	0.0
WIN 2013	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SPR 2014	19.0	0.0	11.7	0.0	7.3	0.0	0.0
SUM 2014	19.0	0.0	11.7	0.0	7.3	0.0	0.0
WIN 2014	19.0	0.0	11.7	0.0	7.3	0.0	0.0
SPR 2015	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SUM 2015	0.0	0.0	11.7	0.0	7.3	0.0	0.0
WIN 2015	0.0	0.0	11.7	0.0	7.3	0.0	0.0
SPR 2016	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SUM 2016	0.0	0.0	11.7	7.3	7.3	0.0	0.0
WIN 2016	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SPR 2017	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SUM 2017	0.0	0.0	11.7	7.3	7.3	0.0	0.0
WIN 2017	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SPR 2018	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SUM 2018	0.0	0.0	11.7	7.3	7.3	0.0	0.0
WIN 2018	0.0	0.0	11.7	7.3	7.3	0.0	0.0
SPR 2019	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2019	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2019	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2020	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2020	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2020	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2021	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2021	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2021	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2022	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2022	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2022	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2023	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2023	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2023	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2024	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2024	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2024	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2025	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2025	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2025	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2026	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2026	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2026	0.0	11.7	11.7	7.3	7.3	0.0	0.0

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ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

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

TRANSFER NO:
YEAR 1950
SEASON

TRANSFER NAME:

ESPA Cell

103122

7170

AFA

10

35.0

5.5

22.0

ENTER CELL LOCATIONS:

ROW	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
COLUMN	88	103	71	
	100	122	70	

15.5 acres
57.0 AFA
3.68 af/acre

TRIMESTER OF ACTIVITY	TO WELL Protected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfer AF/TRIMESTER
SPR 2027	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2027	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2027	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2028	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2028	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2028	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2029	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2029	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2029	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2030	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2030	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2030	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2031	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2031	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2031	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2032	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2032	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2032	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2033	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2033	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2033	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2034	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2034	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2034	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2035	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2035	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2035	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2036	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2036	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2036	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2037	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2037	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2037	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2038	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2038	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2038	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2039	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2039	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2039	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2040	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2040	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2040	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2041	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2041	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2041	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2042	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2042	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2042	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2043	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2043	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2043	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2044	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2044	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2044	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2045	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2045	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2045	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2046	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2046	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2046	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2047	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2047	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2047	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SPR 2048	0.0	11.7	11.7	7.3	7.3	0.0	0.0
SUM 2048	0.0	11.7	11.7	7.3	7.3	0.0	0.0
WIN 2048	0.0	11.7	11.7	7.3	7.3	0.0	0.0

SCANNED
OCT 10 2014



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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

August 26, 2014

BROCKWAY ENGINEERING PLLC (delivered via email)
GREG SULLIVAN
2016 N WASHINGTON ST STE 4
TWIN FALLS ID 83301

RE: Jeff Duffin Rental Application; 35-14040 availability

Dear Mr. Sullivan:

On July 7, 2014, the Department of Water Resources (IDWR) received an application to rent Water Supply Bank (bank) water from you. The application is proposing to use water rights 29-13827 and 35-14040 to cover 15.5 acres of irrigated land owned by Mr. Duffin.

As the application was submitted, the application cannot be processed. Water right 35-14040 has been fully committed to another renter in 2014.

As you know rental applications are processed on a first come, first serve basis.

Please re-submit a rental application using water rights that are available. If you need assistance in finding water rights for your rental, please let me know.

If IDWR doesn't receive a response within 10 days, the application will be denied and returned to you.

Please note that any use associated with the proposed rental request is not authorized at this time and, if occurring, will be subject to any necessary enforcement action if a rental is not approved.

You may contact me at (208) 287-4944 if you have any questions regarding this matter.

Sincerely,

Cherie Palmer, Water Right Supervisor
Water Allocation Bureau

C: Jeff Duffin-PO Box 525 Aberdeen ID 83210

SCANNED
OCT 10 2014

SCANNED
OCT 10 2014



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

July 3, 2014

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

RECEIVED
JUL 07 2014
DEPARTMENT OF
WATER RESOURCES

Re: Jeff Duffin

Dear Mrs. Palmer:

It is desired to rent 15.5 acres for irrigation use for the 2014 season. The water rights to be rented are 35-14040 and 29-13827. Both of these water rights are currently leased to the Water Supply Bank.

Water right 35-14040 has a total of 47.5 acres leased to the Water Supply Bank. There are 39.5 acres currently rented to KBC Farms LLC. The remaining 8.0 acres are available for rental at this time. The ESPA Model cell for 35-14040 is 66 128.

Water right 29-13827 has a total of 15.0 acres leased to the Water Supply Bank. None of the 15.0 acres is rented at this time. ESPA Modeling for this water right identifies Cell 103 121 as the closest active cell in the ESPA Model. IDWR has accepted rental analysis of this type before (43-13595 & 43-13597) when an actively leased water right is located outside of the active ESPA Model cells as long as the leased water right is considered close in proximity of an active ESPA Model cell. It is proposed to rent 7.5 acres of 29-13827.

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

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

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

FAX: 736•8506

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Jeff Duffin

Enc: Water Supply Bank Rental Application, Aerial Maps, ESPA Model Analysis

SCANNED
OCT 10 2014