

RECEIVEDSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No.

80041

MAR 31 2015

MINIMUM REQUIREMENTS CHECKLISTDEPT OF WATER RESOURCES
SOUTHERN REGION
TO BE SUBMITTED WITH APPLICATION FOR TRANSFER

An application for transfer must be prepared in accordance with the minimum requirements listed below to be acceptable for processing by the Department. Incomplete applications will be returned. The instructions, fee schedule, Part 2A reports and additional Part 2B forms are available from any Department office or on the Department's website at www.idwr.idaho.gov.

Name of Applicant(s) Idaho Water CompanyCheck whether each item below is *attached* (Yes) or *not applicable* (N/A) for the proposed transfer.Yes ☒ N/A ☐ * Means the item is always required and must be included with the application.

- ☒ * Completed Application for Transfer of Water Right form, Part 1.
- ☐ * Signature of applicant(s) or applicant's authorized representative on Application for Transfer Part 1. Include evidence of authority labeled Attachment #3 (see below) if signed by representative.
- ☒ * Application for Transfer Part 2A. Attach a Part 2A report describing each water right in the transfer as currently recorded.
- ☒ ☐ Complete and attach an Application for Transfer Part 2B for each water right for which only a portion is proposed to be changed through this transfer application.
- ☒ * Application for Transfer Part 3A is always required (see Attachment #7a below); Parts 3B and 3C must be completed for transfer applications proposing to change the nature of use of the water right(s) or proposing changes to supplemental right(s).
- ☒ * Correct fee submitted with transfer application form. (Fee schedule is on website and instructions for application for transfer.)

\$200.00

Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-10.

- ☒ ☐ #1 If the applicant is a business, partnership, organization, or association, and not currently registered in the State of Idaho as a business entity, attach documentation identifying officers authorized to sign or act on behalf of right holder. (See Part 1.)
- ☐ ☒ #2a Water Right ownership documentation if Dept. records do not show the applicant as the current water right owner. **
- ☒ ☐ #2b If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). **
** Additional fee(s) required for water right ownership changes; see fee schedule.
- ☒ ☐ #3 Documentation of authority to make the change if the applicant is not the water right owner.
- ☐ ☒ #4 Power of Attorney or documentation providing authority to sign or act on the applicant's behalf. (See Part 1.)
- ☒ ☐ #5 If the transfer application proposes to change the point of diversion for a water right affecting the Eastern Snake Plain Aquifer (ESPA), attach the results of an ESPA analysis and a detailed mitigation plan to offset any depletions to hydraulically connected reaches of the Snake River. ESPA transfer spreadsheet and model grid labeled cells are available on the Department's website at www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm.
- ☐ ☒ #6 Notarized statement of agreement or a statement on official letterhead signed by an authorized representative from each lien holder or other entity with financial interest in the water right(s) or land affected by the proposed transfer. (See Part 1.5.c.)
- ☒ * #7a Attach a map identifying the proposed point(s) of diversion, place(s) of use, and water diversion and distribution system details as described on the application. Include legal description labels. If only a portion of the right is proposed to be changed, identify the current location of the part of the existing right(s) proposed to be changed. (See Part 3A.)
- ☒ ☐ #7b If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. If some or all of any right is leased to the Water Supply Bank, you must also show the the specific location and/or acres to be idled at the new, proposed place of use to satisfy lease requirements.
- ☐ ☒ #8a If the transfer application proposes to change the nature of use or period of use for one or more rights, provide documentation describing the extent of historic beneficial use for the water rights proposed to be transferred and document how enlargement will be avoided. (See Part 3B.) Additional fee required for proposed changes to nature of use; see fee schedule.
- ☐ ☒ #8b If the transfer application proposes to change the place of use of a supplemental irrigation right, provide documentation regarding the historic use of the supplemental right(s) and availability or reliability of the primary right(s) being supplemented, both before and after the proposed change. (See Part 3C.)
- ☐ ☒ #9 Water Supply Bank information for all rights proposed for transfer and currently leased to the Bank. (Attachment WSB)
- ☐ ☐ #10 Other. Please describe: _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

**APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1**

RECEIVED
MAR 31 2015
DEPT OF WATER RESOURCES
SOUTHERN REGION

Name of Applicant(s) Idaho Water Company Phone 208-312-1135
Mailing address 1135 Valley Road South Eden, ID 83325 Email _____

- ☐ If applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign or act on behalf of the applicant. Label it **Attachment #1**.
- ☒ Attach water right ownership documentation if Department records do not show the transfer applicant as the current water right owner. Label it **Attachment #2a**.
- ☐ If the ownership of the water right will change as a result of the proposed transfer to a new place of use, attach documentation showing land and water right ownership at the new place of use. Include documentation for all affected land and owner(s). Label it **Attachment #2b**.
- ☐ Attach documentation of authority to make the proposed change if the applicant is not the water right owner. Label it **Attachment #3**.

Provide contact information below if a consultant, attorney, or any other person is representing the applicant in this transfer process.

☐ No Representative

Name of Representative Greg Sullivan Brockway Engineering, PLLC Phone 208-736-8543
Mailing address 2016 North Washington St. Suite 4 Twin Falls, Idaho 83301 Email greg.sullivan@brockwayeng.com

- ☐ Send all correspondence for this application to the representative and not to the applicant.
OR
- ☒ Send original correspondence to the applicant and copies to the representative.
- ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant.
OR
- ☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation providing authority to sign for the applicant and label it **Attachment #4**.

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). 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.

Idaho Water Company LLC
Signature of Applicant or Authorized Representative

Delbert Korte
Print Name and Title if applicable

3/31/15
Date

Delbert Korte
Signature of Applicant or Authorized Representative

Delbert Korte
Print Name and Title if applicable

3/31/15
Date

A. PURPOSE OF TRANSFER

1. ☒ Change point of diversion ☐ Add diversion point(s) ☒ Change place of use
☐ Change nature of use ☐ Change period of use ☐ Other _____

2. Describe your proposal in narrative form, including a detailed description of non-irrigation uses to justify amounts transferred (i.e. number of stock, etc.), and provide additional explanation of any other items on the application. Attach additional pages if necessary and label it **Part 1A.2**.

This transfer proposes to move 5.4 acres of irrigation ground water to existing wells and existing delivery system.

There is an existing PPU associated with this farm.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

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DEPT OF WATER RESOURCES
SOUTHERN REGION

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☐ ☒	36-2594	0.04/21.6	Irrigation	3/15 to 11/15	Ground Water
☐ ☒	36-2117	0.07/21.6	Irrigation	3/15 to 11/15	Ground Water
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 3.2 cfs and/or 640 acre-feet.

2. Total amount of water proposed to be transferred or changed 0.11 cubic feet per second and/or 21.6 acre-feet per year.

3. Point(s) of Diversion:

- ☐ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)
☒ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA.
 Label it Attachment #5.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #
			NW	NE	20	10S	25E	Cassia	Ground Water	
			SW	NE	30	10S	25E	Cassia	Ground Water	
			SW	NE	30	10S	25E	Cassia	Ground Water	
			NW	NW	30	10S	25E	Cassia	Ground Water	
			NW	NW	30	10S	25E	Cassia	Ground Water	

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	25E	19													40	40	29.7	40	149.7
		20	40	40	40	40	40	40	40	40	40	40	40	39.4	40	40	31.1	20.2	610.7
		29					38	37.4	29.5	16.2									120.1
		30	38.8	40	22.5	32.7	40	19.4		6.1									199.5
Total Acres (for irrigation use)																			1081.0

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☐ ☒	36-2594	0.04/21.6	Irrigation	3/15 to 11/15	Ground Water
☐ ☒	36-2117	0.07/21.6	Irrigation	3/15 to 11/15	Ground Water
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 3.2 cfs and/or 640 acre-feet.

2. Total amount of water proposed to be transferred or changed 0.11 cubic feet per second and/or 21.6 acre-feet per year.

3. Point(s) of Diversion:

- ☐ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)
☒ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA. Label it Attachment #5.

New ?	Lot	1/4	1/4	1/4	Sec	Twp	Rge	County	Source	Local name or tag #
			NW	NE	20	10S	25E	Cassia	Ground Water	
			SW	NE	30	10S	25E	Cassia	Ground Water	
			SW	NE	30	10S	25E	Cassia	Ground Water	
			NW	NW	30	10S	25E	Cassia	Ground Water	
			NW	NW	30	10S	25E	Cassia	Ground Water	

4. Place of use: (If irrigation, identify with number of acres irrigated per 1/4 1/4 tract.)

- ☐ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5.)

Twp	Rge	Sec	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10S	25E	19													40	40	29.7	40	149.7
		20	40	40	40	40	40	40	40	40	40	40	40	39.4	40	40	31.1	20.2	610.8
		29					37	37.4	29.5	16.2									120.1
		30	38.8	40	22.5	32.7	40	19.4		6.1									199.5
Total Acres (for irrigation use)																			1080.1

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

5. General Information:

- a. Describe the complete diversion system, including how you will accommodate a measuring device and lockable controlling works should they be required now or in the future:

Existing wells, main lines and irrigation systems.

- b. Who owns the property at the point(s) of diversion? Ardel Wickel

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:

- c. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?

If yes, ☐ attach a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes on official letterhead signed by an authorized representative. Label it **Attachment #6**. List the name of the entity and type of lien: None

It is the applicant's responsibility to provide notice to lien holder, trustee, mortgagor, or contract holder of the proposed changes that may impact or change the value of the water rights or affected real property. Any misrepresentation of legal encumbrance on this application may result in rejection of the application or cancellation of an approval.

- d. Are any of the water rights proposed for transfer currently leased to the Water Supply Bank?

If yes, ☐ complete Attachment WSB.

- e. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer:

Acres dried up by this transfer will no longer be irrigated with ground water.

- f. Describe the use of any other water right(s) for the same purpose or land, or the same diversion system as right(s) proposed to be transferred at both the existing and proposed point(s) of diversion and place(s) use:

45-2468, 45-7336, 45-7449, 45-7471, 45-13773, 45-14453, and 45-14454 at the new POU.

- g. To your knowledge, has/is any portion of the water right(s) proposed to be changed:

Yes No

- | | | |
|--------------------------|-------------------------------------|---|
| ☐ | ☒ | undergone a period of five or more consecutive years of non-use, |
| ☐ | ☒ | currently leased to the Water Supply Bank, |
| ☐ | ☒ | currently used in a mitigation plan limiting the use of water under the right, or |
| ☐ | ☒ | currently enrolled in a Federal set-aside program limiting the use of water under the rights? |

If yes, describe:

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2A**

Current Water Right No.: 36-2594

Current Owner: ELLEN M HUETTIG
MYRON A HUETTIG

Priority Date: 10/29/1964

Origin: Water Right

Status: Active

Basis: Decreed

Source

Tributary

GROUND WATER

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	03/15 to 11/15	0.99 CFS	
	<u>Total Diversion</u>	0.99 CFS	

Location of Point(s) of Diversion

GROUND WATER	NW1/4NW1/4SW1/4	Sec. 29, Twp 10S, Rge 20E B.M.
JEROME County		
GROUND WATER	NE1/4SE1/4SE1/4	Sec. 29, Twp 10S, Rge 20E B.M.
JEROME County		
GROUND WATER	SE1/4NW1/4SW1/4	Sec. 28, Twp 10S, Rge 20E B.M.
JEROME County		

Place of Use

IRRIGATION Within JEROME County

T10S R20E S28	NWNW	40.00	T10S R20E S28	SWNW	40.00
T10S R20E S28	NWSW	28.10	T10S R20E S29	SWNW	38.00
T10S R20E S29	SESW	40.00	T10S R20E S29	NESW	40.00
T10S R20E S29	NWSW	36.00	T10S R20E S29	SWSW	39.00
T10S R20E S29	SESW	39.00	T10S R20E S29	NESE	40.00
T10S R20E S29	NWSE	40.00	T10S R20E S29	SWSE	39.00
T10S R20E S29	SESE	40.00			

Total Acres: 499.1

Conditions of Approval:

1. 131 Pursuant to Transfer approval 70383, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
2. X35 Rights 36-2153 B, 36-2594, 36-2117, 36-8147, and 36-8289 when combined shall not exceed a total diversion rate of 7.31 cfs.
3. R64 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
4. WB4 The total instantaneous diversion of water from all points of diversion under Rights 36-7639, 36-16947, 36-2153B, 36-2594, 36-2117, 36-8147, and 36-8289 shall not exceed 9.28 cfs, nor total combined annual volume of 1996.4 af.
5. Rights 36-2594 and 36-2117 when combined shall not exceed a total annual maximum diversion volume of 592.4 af at the field headgate, and the irrigation of 148.1 acres.
6. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 130.
7. T19 Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
8. T18 Pursuant to Transfer approval 70383, the right holder shall provide a means of measurement and lockable controlling works for all authorized points of diversion. The means of measurement and controlling works must be suitable for control of the diversions and acceptable to the watermaster.

Decreed Date: 8/27/2001

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2A**

Current Water Right No.: 36-2117

Current Owner: ELLEN M HUETTIG
MYRON A HUETTIG

Priority Date: 4/14/1951

Origin: Water Right

Status: Active

Basis: Decreed

Source

Tributary

GROUND WATER

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	03/15 to 11/15	1.97 CFS	592.4 AF
	<u>Total Diversion</u>	1.97 CFS	592.4 AF

Location of Point(s) of Diversion

GROUND WATER	NW1/4NW1/4SW1/4	Sec. 29,	Twp 10S,	Rge 20E B.M.
JEROME County				
GROUND WATER	NE1/4SE1/4SE1/4	Sec. 29,	Twp 10S,	Rge 20E B.M.
JEROME County				
GROUND WATER	SE1/4NW1/4SW1/4	Sec. 28,	Twp 10S,	Rge 20E B.M.
JEROME County				

Place of Use

IRRIGATION Within JEROME County

T10S R20E S28	NWNW	40.00	T10S R20E S28	SWNW	40.00
T10S R20E S28	NWSW	28.10	T10S R20E S29	SWNW	38.00
T10S R20E S29	SENW	40.00	T10S R20E S29	NESW	40.00
T10S R20E S29	NWSW	36.00	T10S R20E S29	SWSW	39.00
T10S R20E S29	SESW	39.00	T10S R20E S29	NESE	40.00
T10S R20E S29	NWSE	40.00	T10S R20E S29	SWSE	39.00
T10S R20E S29	SESE	40.00			

Total Acres: 499.1

Conditions of Approval:

1. 131 Pursuant to Transfer approval 70383, the right holder shall install and maintain acceptable measuring device(s), including data logger(s), at the authorized point(s) of diversion and in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
2. X35 Rights 36-2153 B, 36-2594, 36-2117, 36-8147, and 36-8289 when combined shall not exceed a total diversion rate of 7.31 cfs.
3. WB4 The total instantaneous diversion of water from all points of diversion under Rights 36-7639, 36-16947, 36-2153B, 36-2594, 36-2117, 36-8147, and 36-8289 shall not exceed 9.28 cfs, nor total combined annual volume of 1996.4 af.
4. T19 Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.
5. T18 Pursuant to Transfer approval 70383, the right holder shall provide a means of measurement and lockable controlling works for all authorized points of diversion. The means of measurement and controlling works must be suitable for control of the diversions and acceptable to the watermaster.
6. R64 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
7. Rights 36-2594 and 36-2117 when combined shall not exceed a total annual maximum diversion volume of 592.4 af at the field headgate, and the irrigation of 148.1 acres.
8. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No.130.

Decreed Date: 8/27/2001

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

A. PLAT MAP (See Part 3A of Instructions for application for transfer for complete requirements.)

- ☒ Attach a map of the diversion, measurement, control, and distribution system. Label it **Attachment #7a.**
- ☒ If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (**GIS**) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. Label it **Attachment #7b.**

If the place of use currently consists of a permissible place of use, then the attachment is not required if the application contains a clear statement that the boundaries for the place of use are not proposed to be changed by the transfer and the total number of irrigated acres within the place of use before and after the transfer is clearly stated.

If any part of the irrigation water right is leased to the Water Supply Bank, you must also specify the location and number of acres that will remain idled for the duration of the lease contract at the new, proposed place of use.

B. CHANGES IN NATURE OF USE (Water Balance)

- ☐ If you propose to change the nature of use or period of use of all or part of the right(s) listed in this application, attach documentation describing the extent of historic beneficial use of the portion of the right(s) proposed to be changed. Also attach documentation showing that the portion of the right(s) to be changed will not be enlarged in rate, volume, or consumptive use through the proposed change. Label it Attachment #8a.

C. PLACE OF USE CHANGES TO SUPPLEMENTAL IRRIGATION RIGHTS

- ☐ If you propose to change the place of use of a supplemental irrigation right, answer below and attach supporting documentation. Label it **Attachment #8b**.

Describe how the supplemental water rights have been used historically in conjunction with other water rights at the existing place of use. Describe the time during the irrigation season that the supplemental rights have been used. Include information about the availability or reliability of the primary right(s) being supplemented, both before and after the change. If the applicant is proposing to change a supplemental irrigation right to a primary right, provide the information required on Part 3B above:

[illegible]

FOR DEPARTMENT USE ONLY

Transfer contains 11 pages and attachments.

Received by CH/DM Date 3-31-2015 Preliminary check by _____ Date _____

Fee paid ~~\$225~~ - \$240.00 Date 3.31.2015 Received by S034657 Receipt # DM

Add'l fee paid _____ Date _____ Received by _____ Receipt # _____

Check all that apply: Attachment WSB ☐ (copy sent to state office) Lessor Designation form ☐ & W-9 ☐ (originals to state office)

Ardel Wickel Transfer Analysis

Transfer Amount 1 2 (Transfer) (AFT)

Rental Application Total Reach Depletion Impacts

AFT: 0.0 0.0 0.2 0.74 0.8 -0.9 -0.2 -0.1 0.0 -0.1 0.0

One-Way Analysis of Independent Transfers

Transfer 1: 12.4 Acre Transfer to Ardel Wickel

100.0% Pre-SB 49.6 AFA 12.4 Acres
100.0% Post-SB 49.6 AFA 12.4 Acres 0.0 Acres Mitigation 0

WR No.	Dr. Rate (CFS)	Can. Vol. (AF)	No. of Ir. Acres	Priority Date	POD Location	Depleted Vol. AFA/ AFT	Model Node
Transfer 1: Proposed Steady State Impacts following Transfer							
Transfer: Worst Case Transient State Impacts following Transfer							

Ashton to Rimbury	Horse to Shelby	Shelby to Hr. Sticht	Hr. Sticht To Shelby	Mooney to Mandota	Dev. Vht. To Burd	Burd to 1000 Spr	1000 Spr to 1000 Spr to Mandota	Model Node	Model to General
0.18	0.18	1.38	4.73	2.38	4.48	1.48	0.80	0.10	0.78
0.18	0.21	1.38	5.47	3.04	3.91	1.12	0.71	0.08	0.65
0.18	0.18	1.38	4.73	2.38	4.48	1.48	0.80	0.10	0.78
0.18	0.21	1.38	5.47	3.04	3.91	1.12	0.71	0.08	0.65

Steady State Analysis	Mitigation Check 1 - > 10% of Historical	14.3%	14.6%	15.3%	15.7%	34.6%	-32.7%	-33.1%	-31.7%	-19.8%	-19.6%	-19.6%
	Mitigation Check 2 - > 2 AFT	0.0	0.0	0.2	0.7	0.8	-1.5	-0.3	-0.2	0.0	-0.1	0.0
	Mitigation Check 3 - > 10% of Total	1.1%	1.3%	9.7%	34.1%	18.7%	18.8%	7.8%	4.4%	0.9%	4.1%	0.7%
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft)	0.0	0.0	0.2	0.7	0.8	-1.5	-0.3	-0.2	0.0	-0.1	0.0
Transient State Analysis	Mitigation Check 1 - > 10% of Historical	14.3%	14.6%	15.3%	15.7%	34.6%	-18.1%	-13.9%	-12.9%	-11.5%	-10.8%	-10.8%
	Mitigation Check 2 - > 2 AFT	0.0	0.0	0.2	0.7	0.8	-0.9	-0.2	-0.1	0.0	-0.1	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	0.2	0.7	0.8	-0.9	-0.2	-0.1	0.0	-0.1	0.0

Press Up

Transfer 2:

WR No.	Dr. Rate (CFS)	Can. Vol. (AF)	No. of Ir. Acres	Priority Date	POD Location	Depleted Vol. AFA/ AFT	Model Node
Transfer: Proposed Steady State Impacts following Transfer							
Transfer 1: Worst Case Transient State Impacts following Transfer							

Ashton to Rimbury	Horse to Shelby	Shelby to Hr. Sticht	Hr. Sticht To Shelby	Mooney to Mandota	Dev. Vht. To Burd	Burd to 1000 Spr	1000 Spr to 1000 Spr to Mandota	Model Node	Model to General
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Steady State Analysis	Mitigation Check 1 - > 10% of Historical	0.0%	0.0%	0.0%	0.0%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%
	Mitigation Check 2 - > 2 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

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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 Modified Stream Depletions Following Transfer(s) Impact by Reach (APR/November)												
	Asbestos to Buckhorn	Horse to Shoshone	Shoshone to Big Rock	Big Rock to Shoshone	Shoshone to Windings	Days Wind to Shoshone	Shoshone to 10000 Eye	10000 Eye to 10000 Apr	10000 Apr to Mated	Mated to Mated	Mated to Buckhorn	
1	0.0	0.0	0.1	0.7	0.0	-1.5	-4.3	-6.3	0.0	-4.1	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	-1.5	-4.3	-6.3	0.0	-4.1	

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

[illegible]

Set Aside 1 (Non-Use/Dedication):

WVR No	Div. Rate (CFR)	Calc. Vol. (AF4)	No. of Int. Areas	Priority Date	FOO Location	Dedicated Vol. AF4/ AFT	Model Name
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Non-Use: Proposed Steady State Impacts following Change

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

Report by Month (A-Z/Year)										
Admitted to Newburg	Transp to Shelby	Shelby to Mr Smith	Mr Smith to Shelby	Newburg to Shelby	Dec. 1914 to Jan	Feb to 1915	1915 to 1916	1916 to 1917	1917 to 1918	1918 to 1919

[illegible]

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

Steady State Summary of Modified Stream Depletions Following Transfers)										
Impact by Reach (APR) (Percent)										
	Austin to Newburg	Houston to Dorothy	Dorothy to Hwy 61 (H)	Hwy 61 to Hwy 190	Newburg to Shelbourn	Dev. Water Used	Water to 1000 Spr	1000 Spr to 10000 Spr	Mated to Mated	Mated to Barney
Total 1-Way Transfer Depletions:	0.0	0.0	0.0	0.0	-1.5	0.0	-0.3	0.0	-0.1	0.0
Total Magnitude (Barney):	0.0	0.0	0.0	0.0	0.0	-1.5	-0.3	-0.7	-0.1	0.0

Transfer State Summary of Modified Stream Depletions Following Transfers)										
Impact by Reach (APR) (Percent)										
	Austin to Newburg	Houston to Dorothy	Dorothy to Hwy 61 (H)	Hwy 61 to Hwy 190	Newburg to Shelbourn	Dev. Water Used	Water to 1000 Spr	1000 Spr to 10000 Spr	Mated to Mated	Mated to Barney
Total 1-Way Transfer Depletions:	0.0	0.0	0.0	0.0	0.0	-0.8	-2.3	-6.1	0.0	-1.1
Total Magnitude (Barney):	0.0	0.0	0.0	0.0	0.0	-0.8	-2.3	-6.1	0.0	0.0

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IDAHO DEPT

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

TRANSFER NO:

ESPA Cell

AFA

YEAR

1950

TRANSFER NAME:

Hueligg
45-2329B

5.4	21.6
7	28.0

ENTER CELL LOCATIONS:

	TO CELL	FROM1 CELL	FROM2 CELL	FROM3 CELL
ROW	50	76	88	
COLUMN	60	35	61	

TRIMESTER OF ACTIVITY	TO WELL #1 Protected 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	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2000	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2000	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2001	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2001	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2001	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2002	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2002	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2002	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2003	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2003	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2003	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2004	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2004	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2004	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2005	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2005	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2005	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2006	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2006	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2006	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2007	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2007	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2007	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2008	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2008	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2008	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2009	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2009	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2009	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2010	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2010	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2010	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2011	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2011	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2011	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2012	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2012	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2012	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2013	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2013	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2013	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2014	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2014	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2014	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2015	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2015	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2015	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2016	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2016	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2016	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2017	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2017	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2017	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2018	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2018	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2018	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2019	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2019	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2019	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2020	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2020	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2020	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2021	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2021	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2021	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2022	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2022	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2022	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2023	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2023	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2023	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2024	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2024	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2024	16.5	0.0	7.2	0.0	9.3	0.0	0.0

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IDAHO DEPARTMENT OF AGRICULTURE

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

TRANSFER NO:

YEAR
SEASON

1950

TRANSFER NAME:

ESPA Cell

AFA

Huetigg
45-23298

5.4

21.6

7

28.0

ENTER CELL LOCATIONS:

'TO' CELL

'FROM1' CELL

'FROM2' CELL

'FROM3' CELL

ROW
COLUMN

90

76

83

60

35

51

TRIMESTER OF ACTIVITY	TO WELL #1 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	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2025	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2025	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2026	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2026	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2026	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2027	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2027	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2027	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2028	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2028	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2028	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2029	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2029	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2029	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2030	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2030	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2030	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2031	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2031	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2031	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2032	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2032	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2032	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2033	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2033	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2033	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2034	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2034	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2034	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2035	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2035	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2035	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2036	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2036	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2036	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2037	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2037	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2037	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2038	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2038	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2038	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2039	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2039	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2039	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2040	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2040	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2040	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2041	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2041	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2041	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2042	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2042	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2042	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2043	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2043	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2043	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2044	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2044	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2044	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2045	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2045	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2045	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2046	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2046	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2046	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2047	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2047	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2047	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2048	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2048	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2048	16.5	0.0	7.2	0.0	9.3	0.0	0.0

Ardel Wickel Transfer Analysis

Transfer
Annual 1 2 Trimester)
AFT:

Rental Application Total Reach Depletion Impacts

AFT: 0.0 0.0 0.2 0.73 1.0 -0.9 -0.2 -0.1 0.0 -0.1 0.0

One-Way Analysis of Independent Transfers

Transfer 1: 12.4 Acre Transfer to Ardel Wickel

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

Transfer 1: Proposed Steady State Impacts following Transfer

Transfer: Worst Case Transient State Impacts following Transfer

100.0% Pre-S3 49.6 AFA 12.4 Acres
100.0% Post-S3 49.6 AFA 12.4 Acres 0.0 Acres Mitigation 0

Impact by Reach (AFT/Trimester)

Ashton to Hesse to Shelley to Hr Bickl To Hesse to Dev Wm To Buft to 1000 Spr 1000 Spr to Mated Mated to
Rebung Shelley Hr Bickl Hesse Mankota Buft 1000 Spr Mated Bancroft

0.16	0.18	1.35	4.75	2.21	4.48	1.46	0.90	0.10	0.78	0.03
0.18	0.21	1.55	5.48	3.24	2.95	1.10	0.70	0.08	0.65	0.02
0.16	0.18	1.35	4.75	2.21	4.48	1.46	0.90	0.10	0.78	0.03
0.18	0.21	1.55	5.48	3.24	3.55	1.24	0.77	0.06	0.69	0.03

Steady State Analysis	Mitigation Check 1: >10% of Historical	14.2%	14.6%	14.9%	15.5%	46.2%	-34.2%	-24.5%	-23.0%	-10.7%	-17.2%	-16.8%
	Mitigation Check 2: >2 AFT	0.0	0.0	0.2	0.7	1.0	-1.5	-0.4	-0.2	0.0	0.0	0.0
	Mitigation Check 3: >10% of Total	1.1%	1.3%	9.9%	33.9%	20.5%	18.2%	8.8%	4.3%	0.5%	4.0%	2%
	Mitigation Required?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol Req'd (ac-ft)	0.0	0.0	0.2	0.7	1.0	-1.5	-0.4	-0.2	0.0	-0.1	0

Transient State Analysis	Mitigation Check 1: >10% of Historical	14.2%	14.6%	14.9%	15.5%	46.2%	-30.7%	-15.3%	-14.5%	-13.7%	-12.1%	-13.6%
	Mitigation Check 2: >2 AFT	0.0	0.0	0.2	0.7	1.0	-0.9	-0.2	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	0.2	0.7	1.0	-0.9	-0.2	0.0	0.0	-0.1	0.0

Mitigation

Transfer 2:

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

Transfer: Proposed Steady State Impacts following Transfer

Transfer 1: Worst Case Transient State Impacts following Transfer

100.0% Pre-S3 49.6 AFA 0.0 Acres
100.0% Post-S3 49.6 AFA 0.0 Acres

Impact by Reach (AFT/Trimester)

Ashton to Hesse to Shelley to Hr Bickl To Hesse to Dev Wm To Buft to 1000 Spr 1000 Spr to Mated Mated to
Rebung Shelley Hr Bickl Hesse Mankota Buft 1000 Spr Mated 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	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

SUPPRESSED
SEE ANALYSIS
SUBMITTED
8/12/15

Re-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.

Impact by Reach (AP/Trimester)	Ashcroft to Reuburg	Hesse to Shelley	Shelley to N. Blackf. To Hesse	Hesse to N. Blackf. To Hesse	Dev. Vint. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Maled	Maled to Maled to Bancroft
1	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
3	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
5	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
7	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
9	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
11	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
13	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
15	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
17	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
19	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

Impact by Reach (AP/Trimester)	Ashcroft to Reuburg	Hesse to Shelley	Shelley to N. Blackf. To Hesse	Hesse to N. Blackf. To Hesse	Dev. Vint. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Maled	Maled to Maled to Bancroft
1	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
3	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
5	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
7	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
9	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
11	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
13	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
15	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
17	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
19	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

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

Set Aside 1 (Non-Use/Desertion)

WR No	Dy Rate (CFS)	Con. Unit	No. of Acres	Priority Date	POD Location	Dedicated Use	Model Node
Non-Use: Proposed Steady State Impacts following Change							

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

Head Mile

SS Reach Impacts	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

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

Impact by Reach (AP/Trimester)	Ashcroft to Reuburg	Hesse to Shelley	Shelley to N. Blackf. To Hesse	Hesse to N. Blackf. To Hesse	Dev. Vint. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Maled	Maled to Maled to Bancroft
Total 1-Way Transfer Depletions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Impact by Reach (AP/Trimester)	Ashcroft to Reuburg	Hesse to Shelley	Shelley to N. Blackf. To Hesse	Hesse to N. Blackf. To Hesse	Dev. Vint. To Buhl	Buhl to 1000 Spr	1000 Spr to 1000 Spr to Maled	Maled to Maled to Bancroft
Total 1-Way Transfer Depletions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Mitigation Efforts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SEE ANALYSIS
SUBMITTED
8/12/15

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are
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1

2

3

4

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

TRANSFER NO:

ESPA Cell

AFA

TRANSFER NAME:

Huetigg
45-2329B

5.4

21.6

7

28.0

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	90	76	87	
COLUMN	61	35	61	

TRIMESTER OF ACTIVITY	TO WELL #1 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	9.3	9.3	0.0	0.0
SUM 1951	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1951	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1952	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1952	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1952	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1953	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1953	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1953	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1954	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1954	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1954	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1955	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1955	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1955	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1956	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1956	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1956	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1957	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1957	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1957	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1958	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1958	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1958	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1959	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1959	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1959	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1960	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1960	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1960	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1961	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1961	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1961	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1962	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1962	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1962	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1963	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1963	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1963	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1964	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1964	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1964	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1965	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1965	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1965	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1966	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1966	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1966	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1967	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1967	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1967	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1968	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1968	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1968	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1969	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1969	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1969	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1970	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1970	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1970	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1971	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1971	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1971	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1972	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1972	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1972	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1973	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1973	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1973	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1974	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1974	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1974	0.0	0.0	0.0	9.3	9.3	0.0	0.0

SUPERSEDED
SEE ANALYSIS
SUBMITTED
8/12/15

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:

1

2

3

4

ESPA Cell

AFA

Huetigg
45-2329B

5.4	21.6
7	28.0

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	90	78	87	
COLUMN	61	35	61	

TRIMESTER OF ACTIVITY	TO WELL #1 Protected 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 1975	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1975	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1975	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1976	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1976	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1976	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1977	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1977	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1977	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1978	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1978	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1978	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SPR 1979	0.0	0.0	0.0	9.3	9.3	0.0	0.0
SUM 1979	0.0	0.0	0.0	9.3	9.3	0.0	0.0
WIN 1979	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1980	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1980	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1980	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1981	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1981	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1981	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1982	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1982	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1982	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1983	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1983	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1983	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1984	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1984	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1984	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1985	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1985	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1985	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1986	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1986	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1986	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1987	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1987	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1987	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1988	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1988	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1988	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1989	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1989	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1989	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1990	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1990	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1990	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1991	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1991	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1991	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1992	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1992	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1992	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1993	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1993	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1993	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1994	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1994	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1994	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1995	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1995	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1995	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1996	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1996	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1996	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1997	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1997	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1997	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1998	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1998	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1998	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 1999	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 1999	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 1999	0.0	7.2	7.2	9.3	9.3	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

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

AFA

Huetigg
45-2329B

5.4

21.6

7

28.0

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	90	76	87	
COLUMN	61	35	61	

TRIMESTER OF ACTIVITY	TO WELL #1 Protected 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	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2000	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2000	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2001	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2001	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2001	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2002	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2002	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2002	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2003	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2003	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2003	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2004	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2004	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2004	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2005	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2005	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2005	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2006	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2006	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2006	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2007	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2007	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2007	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2008	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2008	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2008	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2009	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2009	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2009	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2010	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2010	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2010	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2011	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2011	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2011	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2012	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2012	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2012	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2013	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2013	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2013	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2014	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SUM 2014	0.0	7.2	7.2	9.3	9.3	0.0	0.0
WIN 2014	0.0	7.2	7.2	9.3	9.3	0.0	0.0
SPR 2015	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2015	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2015	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2016	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2016	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2016	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2017	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2017	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2017	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2018	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2018	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2018	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2019	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2019	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2019	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2020	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2020	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2020	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2021	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2021	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2021	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2022	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2022	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2022	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2023	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2023	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2023	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2024	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2024	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2024	16.5	0.0	7.2	0.0	9.3	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

Cells this color are set up for user entries

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

YEAR: 1950
SEASON:

TRANSFER NO:

ESPA Cell

AFA

TRANSFER NAME:

Huetigg
45-2329B

5.4	21.6
7	28.0

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	90	76	87	
COLUMN	61	35	61	

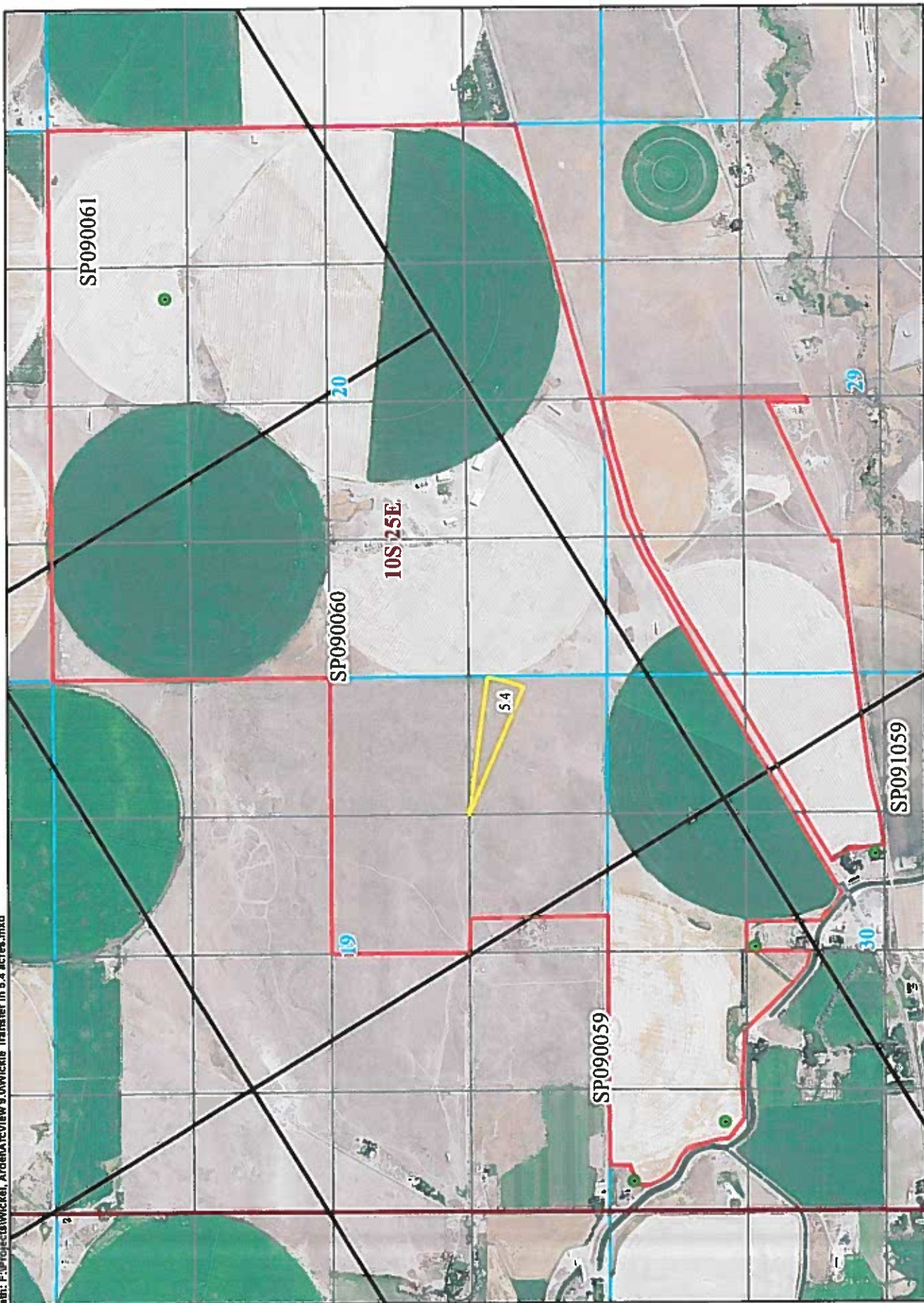
TRIMESTER OF ACTIVITY	TO WELL #1 Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 2025	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2025	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2025	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2026	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2026	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2026	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2027	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2027	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2027	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2028	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2028	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2028	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2029	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2029	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2029	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2030	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2030	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2030	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2031	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2031	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2031	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2032	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2032	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2032	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2033	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2033	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2033	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2034	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2034	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2034	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2035	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2035	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2035	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2036	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2036	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2036	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2037	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2037	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2037	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2038	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2038	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2038	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2039	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2039	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2039	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2040	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2040	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2040	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2041	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2041	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2041	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2042	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2042	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2042	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2043	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2043	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2043	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2044	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2044	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2044	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2045	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2045	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2045	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2046	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2046	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2046	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2047	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2047	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2047	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SPR 2048	16.5	0.0	7.2	0.0	9.3	0.0	0.0
SUM 2048	16.5	0.0	7.2	0.0	9.3	0.0	0.0
WIN 2048	16.5	0.0	7.2	0.0	9.3	0.0	0.0

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8/12/15



- Legend**
- Points of Diversion
 - Transfer_in_5
 - PPU_NEW
 - Model Grid
 - Ownership
 - Section lines
 - QQ lines

0 500 1,000 2,000 Feet

**WICKEL - DECLO FARM
TRANSFER MAP - 5.4 ACRES
NAIP 2013 AERIAL PHOTOGRAPH**

**BROCKWAY ENGINEERING PLLC
ALR - Date: 12/4/2014**



TRANSFER 80041

IDAHO WATER COMPANY LLC

AGREEMENT FOR PURCHASE AND SALE OF WATER RIGHT

RECEIVED
JUL 24 2015
DEPT OF WATER RESOURCES
SOUTHERN REGION

THIS AGREEMENT is made and entered into this 29th day of Sept 2014 by and between Del Kohtz of Idaho Water Company LLC (hereinafter "Seller") of 1135 Valley Rd., Eden, Idaho, 83325 and Nickel Land LLC of 230N 500E 83350 Idaho (hereinafter "Buyer"). The seller, Del Kohtz discloses that he is a licensed real estate agent acting herein as principal for his own account and not representing or acting as an agent for the buyer.

TERMS AND CONDITIONS

1. The Sellers, in consideration of the terms contained herein, do hereby contract and agree to sell and convey to the Buyers and the Buyer does hereby agree to buy from the Sellers a 5.4 acre portion of Idaho Water #36-2594 and 36-2117 and the water appurtenant thereto, for \$[REDACTED] per acre of Water Rights. No land is included in this agreement. There are 5.4 acres of the above Water rights in this agreement.
2. The total purchase price shall be \$[REDACTED] ([REDACTED]). The balance of the purchase price shall be paid on the closing date described in paragraph 5 below, less 25% down payment paid at signing. Payment of \$[REDACTED] paid at signing.
3. This Agreement for Purchase and Sale of said license is contingent upon and subject to approval of the application for transfer by the Department of Water Resources. If the application is not approved, this Agreement shall become null and void.
4. The closing of this transaction and delivery of the executed Assignment to Buyer and the entire purchase price for the contract to Seller shall take place at the law offices of _____ within thirty days of Buyers receipt

Agreement for Purchase and Sale of Water Right -1

of approval from the Department of the application for transfer. The Buyers shall be given possession and use of the water right and the water appurtenant thereto, upon closing.

5. This transfer will remain in the name of Idaho Water Company LLC until the contract is closed and paid for by the buyer. The buyer's place of use and point of diversion will be used for the transfer. When the contract is closed a Special Warranty Deed Will be signed by Idaho Water Co. LLC (Delbert Kohtz)

6. In the event of any suit proceeding by either party against the other party, in any way arising out of this agreement, the prevailing party shall be awarded their reasonable attorney fees and costs.

7. Each party agrees to pay one-half of any costs incurred in executing this document. These costs shall not be more than \$150.00 each.

8. This agreement shall be binding upon and shall inure to the benefit of the heirs, personal representatives, administrators, successors and assigns to the parties hereto.

9. If Kohtz fails to accomplish the desired transfer with this or other water rights the upfront money will be refunded. Buyer understands consultant fees for preparation of transfer, calculation of mitigation, and attorney fees in the case of protests and hearings on their water transfer are to be paid by the Seller.

10. Del Kohtz has my permission to make needed changes to the Water transfer application that is the result of this contract to facilitate the process of transferring the water. Buyer will be consulted on any changes of the amount of acres. The amount of money Buyer pays will be adjusted to reflect any change in the amount of acres transferred.

11. Buyer understands that all mitigation rights provided by Idaho Water Co. LLC and all Reach credits accrued by this transfer shall remain the property of Idaho Water Co. LLC.

12. Signing this Contract by Buyer gives Seller permission to transfer the water rights in this contract to buyer's point of diversion.

13. A Special Water Rights Deed of the form attached will be signed at closing for the transfer of ownership to Buyer.

OTHER PROVISIONS

IN WITNESS WHEREOF the parties have caused their names to be subscribed on the dates set forth above.

SELLERS

Idaho Water Company LLC
Dale H. Hays

BUYERS

Wickel Land LLC
Jim Wickel

IDAHO WATER COMPANY LLC

1135 Valley Road South
Eden, Idaho 83325
(208) 825-5617
Cells 410-0438 or 312-1135

RECEIVED
JUL 24 2015
DEPT OF WATER RESOURCES
SOUTHERN REGION

OPTION AGREEMENT FOR PURCHASE AND SALE OF WATER RIGHT

THIS AGREEMENT is made and entered into this 20th day of June 2014

by and between Ellen M. Huettig and Myron A Huettig of 1329 S 2000 E, Hazelton, Idaho, 83335(hereinafter "Seller") and Idaho Water Company of 1135 Valley Rd, Eden, Idaho, 83325(hereinafter "Buyer"). The buyer, Del Kohtz discloses that he is a licensed real estate agent acting herein as principal for his own account and not representing or acting as an agent for the end buyer.

TERMS AND CONDITIONS

1. The Sellers, in consideration of the terms contained herein, do hereby contract and agree to sell and convey to the Buyers and the Buyer does hereby agree to buy from the Sellers a portion of Idaho Water Right(s) #36-2594 and #36-2117 the water appurtenant thereto, for \$ [REDACTED] per acre. There are 40 acres of water in this agreement. No land is included in this agreement.

2. The total purchase price shall be \$ [REDACTED]
[REDACTED] Dollars. The entire purchase price shall be paid on the closing dates described in paragraph 4 below less \$ [REDACTED] paid at signing.

3. This Agreement for Purchase and Sale of said license is contingent upon and subject to the IDWR finding that the Water Right is valid and transferable .If the Water Right is invalid or non-transferable, this Agreement shall become null and void

3. The Buyer may desire to buy the Water Rights, in separate tracts in order

As agreed upon by both parties. Each transfer may be closed separately as they are paid for. This contract will be the standard contract and price for each

AGREEMENT FOR PURCHASE AND SALE OF WATER RIGHT - 1

transfer. The Buyers shall be given possession and use of the portion of the water right
The remaining Water Rights shall remain the property of the seller until they are paid for
and so forth until the entire Water Right is sold.

5. In the event of any suit or proceeding by either party against the other party,
in any way arising out of this agreement the prevailing party shall be awarded their
reasonable attorney fees and costs.

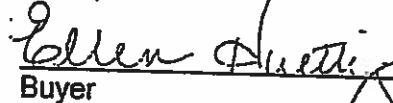
6. Option: Seller understands Buyer is transferring the water appurtenant to
Sellers property to another property. Buyer shall have 365 days from the date of signing
this contract to complete and close the transfers. If IDWR has not completed the
transfers by the end of the option period the contract may be extended by the Buyer
to complete the transfers in process. The sale of the balance of water in the agreement
may be extended by an agreement between Buyer and Seller.

7. This agreement shall be binding upon and shall inure to the benefit of the
heirs, personal representatives, administrators, successors and assigns to the
parties hereto.

OTHER PROVISION

IN WITNESS WHEREOF have caused their names to be subscribed on the dates set
forth above.



Seller


Buyer



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

August 13, 2015

IDAHO WATER CO LLC
1135 VALLEY RD S
EDEN, ID 83325

RE: Transfer No. 80041
Water Right No(s). 36-2117, 36-2594

Dear Applicant(s):

The Department of Water Resources has received your water right transfer application. Please refer to the transfer number referenced above in all future correspondence regarding this transfer.

A legal notice of the application has been prepared and is scheduled for publication in the **TIMES NEWS on 8/20/2015 and 8/27/2015**. Protests to this application may be submitted for a period ending ten (10) days after the second publication (**September 8, 2015**).

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the approval document.

Please contact this office if you have any questions regarding the application.

Sincerely,

Denise Maline
Administrative Assistant

cc:

BROCKWAY ENGINEERING PLLC
C/O GREG SULLIVAN
2016 N WASHINGTON ST STE 4
TWIN FALLS, ID 83301

Maline, Denise

From: Maline, Denise
Sent: Thursday, August 13, 2015 10:07 AM
To: Times News
Subject: LEGAL NOTICE
Attachments: Times News Cover Letter.docx; Times News Ad.doc

Attached please find (1) legal notice being submitted for publication on August 20th & 27th, 2015. Please feel free to contact me if you have any questions, or if you are not able to run the ad on the dates requested.

Thank you in advance,

Denise Maline
Administrative Assistant
Idaho Dept of Water Resources, Southern Region
650 Addison Ave W, Ste 500
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858
Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

August 13, 2015

LEGAL NOTICE DEPARTMENT
TIMES NEWS
PO BOX 548
TWIN FALLS, ID 83303-0548

RE: Transfer No. 80041
Water Right No(s): 36-2117, 36-2594

RE: Transfer No. 80043
Water Right No(s): 45-2329B

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before September 8, 2015. Your cooperation is appreciated.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 80041**

IDAHO WATER CO LLC, 1135 VALLEY RD S, EDEN, ID 83325; has filed Application No. 80041 for changes to the following water rights within JEROME County(s): Right No(s). 36-2117, 36-2594. The purpose of the transfer is to change a portion of the above rights as follows: Application proposes transferring a 5.4 acre (0.11 cfs) portion of two ground water irrigation rights currently used on a farm located approximately 5.0 miles south of Hazelton to a farm located approximately 0.3 to 2.0 miles north and 2.5 to 4.0 miles east of Declo. The transferred rights (0.11 cfs) will be diverted from five existing wells and used to irrigate 5.4 acres within a proposed 1081 acre permissible place of use on the farm northeast of Declo.

**NOTICE OF PROPOSED CHANGE OF WATER RIGHT
TRANSFER NO. 80043**

WICKEL LAND COMPANY, LLP, PO BOX 219, DECLO, ID 83323; has filed Application No. 80043 for changes to the following water rights within CASSIA County(s): Right No(s). 45-2329B. The purpose of the transfer is to change a portion of the above rights as follows: Application proposes transferring a 7.0 acre (0.08 cfs) ground water irrigation right currently used on a farm located approximately 4.0 miles north and 2.5 miles east of Declo to a farm located approximately 0.3 to 2.0 miles north and 2.5 to 4.0 miles east of Declo. The transferred right (0.08 cfs) will be diverted from five existing wells and used to irrigate 7.0 acres within a proposed 1081 acre permissible place of use on the farm northeast of Declo.

For additional information concerning the property location, contact Southern Region office at (208) 736-3033; or to see a full description of these rights and/or the proposed transfers, please see www.idwr.idaho.gov/apps/wr/QueryNewTransfers/QueryNewTransfers.aspx. Protests may be submitted based on the criteria of Idaho Code Sec. 42-222. Any protest against the proposed change must be filed with the Department of Water Resources, Southern Region, 650 Addison Ave W, Ste 500, Twin Falls ID 83301 together with a protest fee of \$25.00 for each application on or before September 8, 2015. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director
Published on August 20th & 27th, 2015



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858

Phone: (208) 736-3033 • Fax: (208) 736-3037 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

August 13, 2015

NATHAN ERICKSON
WATER DISTRICT #130
650 ADDISON AVE W, STE 500
TWIN FALLS, ID 83301

Via hand delivery

RE: Transfer No.: 80041
Water Right No(s): 36-2117, 36-2594

Dear Nathan:

A copy of the above referenced application is enclosed. Please review the application, then complete the enclosed recommendation form as necessary, and return it to this office within 21 days of the date of this letter.

If the application is approved, IDWR will include appropriate standard conditions of approval for a water right located within a water district, such as regulation by the watermaster, lockable controlling works, and/or measuring devices. Any special conditions or other concerns you have related to this application should be specifically addressed in your recommendation.

IDWR's regional offices can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered. If IDWR has not received your written recommendation within 21 days from the date of this letter, IDWR will presume that you do not oppose approval of the application and that you have no comments for IDWR to consider.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

Maline, Denise

From: Maline, Denise
Sent: Thursday, August 13, 2015 1:28 PM
To: Brian Higgs
Subject: Comment Letters for transfer 80041 & 80043
Attachments: Transfer 80041.pdf; Transfer 80043.pdf; Comment Letter to WM140 for 80041 & 80043.docx

Brian,

Attached is a cover letter, recommendation forms and copies of applications for transfer 80041 (Idaho Water Co) & 80043 (Wickel Land Co). Please review the information and provide any necessary comments within 21 days. Please feel free to contact our office if you have any questions regarding this information.

Thank you in advance,

Denise @ IDWR

Denise Maline
Administrative Assistant
Idaho Dept of Water Resources, Southern Region
650 Addison Ave W, Ste 500
Twin Falls, ID 83301
(208) 736-3033
denise.maline@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Southern Region • 650 Addison Ave W, Suite 500 • Twin Falls, Idaho 83301-5858

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C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

August 13, 2015

BRIAN HIGGS
WATER DISTRICT #140
355 W 500 S
BURLEY, ID 83318

Via e-mail

RE: Transfer No. 80041
Water Right No(s). 36-2117, 36-2594

RE: Transfer No. 80043
Water Right No(s). 45-2329B

Dear Mr. Higgs:

A copy of the above referenced application is enclosed. Please review the application, then complete the enclosed recommendation form as necessary, and return it to this office within 21 days of the date of this letter.

If the application is approved, IDWR will include appropriate standard conditions of approval for a water right located within a water district, such as regulation by the watermaster, lockable controlling works, and/or measuring devices. Any special conditions or other concerns you have related to this application should be specifically addressed in your recommendation.

IDWR's regional offices can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered. If IDWR has not received your written recommendation within 21 days from the date of this letter, IDWR will presume that you do not oppose approval of the application and that you have no comments for IDWR to consider.

Sincerely,

Denise Maline
Administrative Assistant

Enclosure(s)

Skinner, Corey

From: Skinner, Corey
Sent: Wednesday, August 12, 2015 3:02 PM
To: wparsons@pmt.org
Cc: 'Greg Sullivan'; Merritt, Allen
Subject: Transfer Applications involving Wickel property northeast of Declo

Mr. Parsons,

If you recall, earlier this year, during a conversation with Allen Merritt and myself (I believe during a conference for an application in the name of the State of Idaho Parks & Recreation in the Almo area), Allen mentioned that we had a couple of transfers that proposed moving additional water to the Wickel property northeast of Declo. Allen indicated that we would let you know when we would advertise these applications. It looks like they will hit the Times News next week (first publication on 8/20, and second publication on 8/27) with a protest deadline of September 8th. The two applications basically propose the following...

Transfer # 80041

Application proposes transferring a 5.4 acre (0.11 cfs) portion of two ground water irrigation rights (36-2594 and 36-2117) currently used on a farm located approximately 5.0 miles south of Hazelton to a farm located approximately 0.3 – 2.0 miles north and 2.5 – 4.0 miles east of Declo. The transferred rights (0.11 cfs) will be diverted from five existing wells and used to irrigate 5.4 acres within a proposed 1081 acre permissible place of use on the farm northeast of Declo.

Transfer # 80043

Application proposes transferring a 7.0 acre (0.08 cfs) ground water irrigation right (45-2329B) currently used on a farm located approximately 4.0 miles north and 2.5 miles east of Declo to a farm located approximately 0.3 – 2.0 miles north and 2.5 – 4.0 miles east of Declo. The transferred right (0.08 cfs) will be diverted from five existing wells and used to irrigate 7.0 acres within a proposed 1081 acre permissible place of use on the farm northeast of Declo.

A groundwater model analysis was performed and included with the transfers. This analysis modeled the change proposed by transfer, # 80041, along with the changes proposed by companion transfer # 80043. According to the model analysis, by combining these two transfers the results in depletions to hydraulically connected reaches of the Snake River are small enough to not require mitigation

If you have any questions, feel free to give me a call (736-3033).

Corey

MEMORANDUM

Date: August 12, 2015
To: Transfer 80041 File
From: Corey Skinner
Re: Evaluation of Sufficiency of Information Submitted

Application proposes transferring a 5.4 acre (0.11 cfs) portion of two ground water irrigation rights, 36-2117 and 36-2594 currently used on a farm located approximately 5.0 miles south of Hazelton to a farm located approximately 0.3 – 2.0 miles north and 2.5 – 4.0 miles east of Declo. The transferred rights (0.11 cfs) will be diverted from five existing wells and used to irrigate 5.4 acres within a proposed 1081 acre permissible place of use on the farm northeast of Declo. Note that the transfer proposes a move across the Snake River from Basin 36 to Basin 45 resulting in a renumbering of the rights from Basin 36 to Basin 45. The current and proposed points of diversion are located within the ESPA. A groundwater model analysis was performed and included with the transfer. This analysis modeled the change proposed by this transfer, # 80041, along with the changes proposed by companion transfer # 80043. According to the model analysis, by combining these two transfers the results in depletions to hydraulically connected reaches of the Snake River are small enough to not require mitigation. The transfer moves the water right from Water District 130 to Water District 140 so water master comments will be solicited.

- **Authority to File:**

The application is filed in the name of Idaho Water Company. The application includes a copy of a purchase and sales agreement signed by Idaho Water Company and Myron and Ellen Huettig, the current owners of the rights involved with the transfer. The application also includes a copy of a purchase and sales agreement signed by representatives of Wickel Land Company and Idaho Water Company. These agreements make the parties aware of the transfer and indicate that the eventual sale of the water rights is contingent on the completed transfer of the water rights.

- **Water Right Validity:**

The rights involved with the transfer were decreed in the SRBA in 2001 and examination of recent aerial photography indicates that the current place of use appears irrigated.

- **Injury to Other Water Rights:**

None anticipated.

- **Enlargement of Use:**

None anticipated.

Page 2
Transfer # 80041 Memo
August 12, 2015

- **Local Public Interest:**
No issues anticipated. The application will be subject to public notice and protest.
- **Beneficial Use/Conservation of Water Resources:**
Proposed use is recognized as a beneficial use of water.
- **Effect on Economy of the Local Area:**
None anticipated.
- **Effect of the Agricultural Base of the Local Area:**
None anticipated.

Review of the application finds there is no clear inconsistency with criteria set forth in Section 42-222 Idaho Code preventing processing of this application.

Skinner, Corey

From: Greg Sullivan [greg.sullivan@brockwayeng.com]
Sent: Wednesday, August 12, 2015 9:48 AM
To: Skinner, Corey
Subject: RE:
Attachments: doc01961620150812090100.pdf

Corey,

Please replace the old ESPA Model analysis with the attached ESPA Model analysis

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

From: Skinner, Corey [<mailto:Corey.Skinner@idwr.idaho.gov>]
Sent: Wednesday, August 12, 2015 8:34 AM
To: Greg Sullivan <greg.sullivan@brockwayeng.com>
Subject:

MEMORANDUM

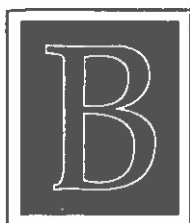
TO: Transfer # 80041 File

FROM: Corey Skinner

DATE: July 24, 2015

SUBJECT: Filing Fee

The filing fee, \$200.00, for this transfer is based on the total amount of water being transferred. The transfer proposes modifying 0.11 cfs of water rights which equates to a \$200.00 fee according to the transfer fee schedule.



BROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

RECEIVED

MAR 31 2015

DEPT. OF WATER RESOURCES
SOUTHERN REGION

March 31, 2015

Allan Merritt
Idaho Department of Water Resources
650 Addison Ave. W., Ste. 500
Twin Falls, ID 83301

Re: Wickel Land Company LLC and Idaho Water Company

Dear Mr. Merritt:

Wickel Land Company LLC has purchased water right 45-2329B. It is proposed to transfer 45-2329B to the farm owned by Wickel Land Company LLC near Declo, Idaho.

Idaho Water Company has purchased 5.4 acres of irrigation water from 36-2594 and 36-2117 and has agreed to transfer the 5.4 acres to the farm owned by Wickel Land Company LLC.

There is an existing permissible place of use on the Wickel Land Company LLC farm with five existing water rights. The permissible place of use contains 1080.1 acres. These transfers will not stack 45-2329B, 36-2594 and 36-2117 with any of the existing water rights currently within the PPU. The beneficial use and period of use will not be changing. The ownership, place of use and authorized points of diversions of 45-2329B, 36-2594 and 36-2117 will be changing with this transfer.

ESPA Model analysis was performed for this transfer. No mitigation is required as a result of this transfer.

Please contact me if you have any questions.

Sincerely,

Greg Sullivan, M.S., Engineer

Cc: Wickel Land Company LLC
Enc: Transfer Applications, ESPA Model Analysis, Aerial Map, Quitclaim Deed, Brockway Engineering Check # 12559 for \$425.00.

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