Rev. 07/13

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Transfer No. 79218

MINIMUM REQUIREMENTS CHECKLIST
TO BE SUBMITTED WITH APPLICATION FOR TRANSFER

RECEIVED
JAN 29 2014
Department of Water Resources
Eastern Region

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 Company, LLC

Check 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.)

Attachments to Application - Label each attachment with the corresponding number shown below as Attachment #1-9.

☐	☑	#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.
☐	☑	#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	Other. Please describe: Provide off-setting ESPA impacts. This is transfer #4 of 4 for ESPA mitigation purposes.

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DEPARTMENT OF WATER RESOURCES

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Department of Water Resources
Eastern Region

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

Name of Applicant(s) Idaho Water Company, LLC Phone (208) 312-1135

Mailing address 1135 Valley Rd S. Eden, ID 83325 Email delkohtzidwc@mindspring.com

☐ 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 Jason C. Helms, P.E. Phone (208) 308-2109

Mailing address 6755 N. Albert Lane Idaho Falls, ID 83401 Email jasoncivil@alumni.nd.edu

☐ 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.

Signature of Applicant or Authorized Representative	Print Name and Title if applicable	Date
Idaho Water Company LLC		1/23/14
Signature of Applicant or Authorized Representative	Print Name and Title if applicable	Date
	Delbert Kohtz	1/23/14

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 Provide off-setting ESPA impacts

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 application seeks to transfer a portion of combined water rights 35-2348 & 35-7929 to municipal irrigation use within the service area of the City of Blackfoot water supply system. Transient ESPA impacts are maintained through off-setting ESPA impacts and initial pumping reduction. See attached ESPA analysis for details.

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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. All or Part	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
☐ ☑	35-2348	0.33 / 65.2	Municipal	04/01 to 10/31	Ground Water
☐ ☑	35-7929	0.21 / 42.5	Municipal	04/01 to 10/31	Ground Water
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 0.33 cfs and/or 100.0 acre-feet.

2. Total amount of water proposed to be transferred or changed 0.33 cubic feet per second and/or 100.0 acre-feet per annum.

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 #
									Existing Wells	See Attached

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	
			These rights will be limited to the combined irrigation of 25.0 acres within the existing municipal service area boundary - See Attachment #7a.																

Total Acres (for irrigation use) +25.0

AMENDED

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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. All	Part	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
☐	☑	35-2348	0.33 / 65.2	Irrigation	04/01 to 10/31	Ground Water
☐	☑	35-7929	0.21 / 42.5	Irrigation	04/01 to 10/31	Ground Water
☐	☐				to	
☐	☐				to	
☐	☐				to	
☐	☐				to	
☐	☐				to	
☐	☐				to	
☐	☐				to	

Total authorized under rights 0.33 cfs and/or 100.0 acre-feet.

2. Total amount of water proposed to be transferred or changed 0.33 cubic feet per second and/or 100.0 acre-feet per annum.

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 #
									Existing Wells	See Attached

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	

SUPERCEDED

Total Acres (for irrigation use) +25.0

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

3. Point(s) of Diversion

New ?	Lot	1/4	1/4	1/4	Sec	Twp	Rge	County	Source	Local name or tag #
n	4	SE	SW	SW	30	02S	35E	Bingham	Ground Water	#11 E0007730
n		NW	NE	NE	35	02S	35E	Bingham	Ground Water	#9
n		NE	SE	SE	35	02S	35E	Bingham	Ground Water	A0006285
n	4	SE	NW	NW	02	03S	35E	Bingham	Ground Water	#5 E0007310
n		NW	SW	NE	03	03S	35E	Bingham	Ground Water	#3 E0007309
n		SW	NE	SE	03	03S	35E	Bingham	Ground Water	#7 E0007311
n		SE	NE	SW	04	03S	35E	Bingham	Ground Water	#6 E0007313
n	2	SW	NW	NE	04	03S	35E	Bingham	Ground Water	#8 E0007312
n		NE	SW	NE	10	03S	35E	Bingham	Ground Water	#10 E0007731
n		NW	NW	NW	10	03S	35E	Bingham	Ground Water	#4 E0007308

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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, mainlines and flowmeters.

b. Who owns the property at the point(s) of diversion? City of Blackfoot

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system:
See attached agreement between Idaho Water Co. & City of Blackfoot.

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:

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. Describe the effect on the land now irrigated if the place or purpose of use is changed pursuant to this transfer:
The acres associated with this portion of combined water rights 35-2348 & 35-7929 proposed for transfer will no longer be irrigated at the existing place of use.

e. 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:
City of Blackfoot water rights 27-4086, 4087, 4088, 4106, 4165, 7329, 7384, 7386, 11706, 12140 are also authorized for diversion from the wells identified in this application.

f. 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:
Approximately 60 acres listed fallow from 2007-2011. Irrigation use resumed on all appurtenant lands in 2013.

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

Current Water Right No.: 35-2348

Current Owner: FARMS LLC

Priority Date: 8/18/1953

Origin: Water Right

Status: Active

Basis: Decreed

Source	Tributary
GROUND WATER	

Beneficial Use	From To	Diversion Rate	Annual Volume
IRRIGATION	04/01 to 10/31	4.08 CFS	816 AF
	Total Diversion	4.08 CFS	816 AF

Location of Point(s) of Diversion

GROUND WATER	NE1/4NE1/4NE1/4	Sec. 15,	Twp 02S,	Rge 32E B.M.
BINGHAM County				
GROUND WATER	SE1/4SW1/4	Sec. 14,	Twp 02S,	Rge 32E B.M.
BINGHAM County				

Place of Use

IRRIGATION Within BINGHAM County

T02S R32E S14	SWNW	5.00	T02S R32E S14	SENW	4.00
T02S R32E S14	NESW	35.00	T02S R32E S14	NWSW	34.00
T02S R32E S14	SWSW	25.00	T02S R32E S14	SESW	33.00
T02S R32E S15	NENE	32.00	T02S R32E S15	NWNE	5.00
T02S R32E S15	SWNE	21.00	T02S R32E S15	SENE	40.00
T02S R32E S15	NESE	38.00	T02S R32E S15	NWSE	29.00
T02S R32E S15	SESE	7.00	T02S R32E S23	NENW	3.00
T02S R32E S23	NWNW	2.00			

Total Acres: 313

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Conditions of Approval:

1.	X27	This right is limited to the irrigation of 204 acres within the authorized place of use in a single irrigation season.
2.	T07	The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
3.	213	Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
4.	214	Prior to the diversion and use of water under Transfer approval 77894, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
5.	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.
6.	X35	Rights 35-2348 and 35-7929 when combined shall not exceed a total diversion rate of 4.08 cfs, a total annual maximum diversion volume of 1252 af at the field headgate, and the irrigation of 313 acres.
7.	186	Diversion of water from the additional well authorized under Transfer 77894 located in SESW, Sec. 14, T02S, R32E shall not exceed a maximum diversion rate of 2.5 cfs.
8.	046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
9.	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. 120.
10.		Rights 35-2348 and 35-7929 are diverted through points of diversion described above.
11.	T08	Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
12.	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 place of use.

Decreed Date: 1/31/2002

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2

A. DESCRIPTION OF RIGHT(S) AS RECORDED

For each water right listed in Part 1B.1 of the application, attach a **Part 2A** report obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 1.
Insert Part 2A reports into the application following Part 1.

B. IF ONLY A PORTION OF THE RIGHT IS PROPOSED TO BE CHANGED, DESCRIBE THE PORTION BEING CHANGED AS IT APPEARS BEFORE THE REQUESTED CHANGES

☑ Complete and attach one copy of Part 2B for each right for which only a portion is proposed to be changed. If the entire right is proposed to be changed, Part 2B is not applicable. Additional copies of the **Part 2B** form can be obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 3, or Water Right Forms, Changes in Use. Insert completed Part 2B forms into the application following Part 2A of the same water right.

Right Number: 35-2348

1. amount 0.33 / 65.2 (cfs/ac-ft) for Irrigation purposes from 04/01 to 10/31
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____
   amount _____ (cfs/ac-ft) for _____ purposes from _____ to _____

2. Lands irrigated or place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

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	
02S	32E	14								4.0	35.0	17.7	25.0	33.0					114.7
		15	25.6	5.0	17.2											20.7		1.8	70.3
		23					3.0	2.0											5.0

AMENDED

Total Acres (for irrigation use) 190.0

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2

A. DESCRIPTION OF RIGHT(S) AS RECORDED

For each water right listed in Part 1B.1 of the application, attach a **Part 2A** report obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 1.
Insert Part 2A reports into the application following Part 1.

B. IF ONLY A PORTION OF THE RIGHT IS PROPOSED TO BE CHANGED, DESCRIBE THE PORTION BEING CHANGED AS IT APPEARS BEFORE THE REQUESTED CHANGES

☑ Complete and attach one copy of Part 2B for each right for which only a portion is proposed to be changed. If the entire right is proposed to be changed, Part 2B is not applicable. Additional copies of the **Part 2B** form can be obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 3, or Water Right Forms, Changes in Use. Insert completed Part 2B forms into the application following Part 2A of the same water right.

Right Number: 35-2348

1. amount 0.33 / 65.2 (cfs/ac-ft) for Irrigation purposes from 04/01 to 10/31
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______

2. Lands irrigated or place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

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	
02S	32E	14								4.0	35.0	17.7	25.0	33.0					114.7
		15	25.6	5.0	17.2											20.7	1.8		70.3
		23					3.0	2.0											5.0

Total Acres (for irrigation use) 190.0

SUPERCEDED

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

Current Water Right No.: 35-7929

Current Owner: FARMS LLC

Priority Date: 12/3/1980

Origin: Water Right

Status: Active

Basis: Decreed

Source	Tributary
GROUND WATER	

Beneficial Use	From To	Diversion Rate	Annual Volume
IRRIGATION	04/01 to 11/01	2.66 CFS	532 AF
	Total Diversion	2.66 CFS	532 AF

Location of Point(s) of Diversion

GROUND WATER	NE1/4NE1/4NE1/4	Sec. 15,	Twp 02S,	Rge 32E B.M.
BINGHAM County				
GROUND WATER	SE1/4SW1/4	Sec. 14,	Twp 02S,	Rge 32E B.M.
BINGHAM County				

Place of Use

IRRIGATION Within BINGHAM County

T02S R32E S14	SWNW	5.00	T02S R32E S14	SENW	4.00
T02S R32E S14	NESW	35.00	T02S R32E S14	NWSW	34.00
T02S R32E S14	SWSW	25.00	T02S R32E S14	SESW	33.00
T02S R32E S15	NENE	32.00	T02S R32E S15	NWNE	5.00
T02S R32E S15	SWNE	21.00	T02S R32E S15	SENE	40.00
T02S R32E S15	NESE	38.00	T02S R32E S15	NWSE	29.00
T02S R32E S15	SESE	7.00	T02S R32E S23	NENW	3.00
T02S R32E S23	NWNW	2.00			

Total Acres: 313

79218

Conditions of Approval:

1.	214	Prior to the diversion and use of water under Transfer approval 77894, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
2.	T07	The right holder shall accomplish the change authorized by this transfer within one year of the date of this approval.
3.	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. 120.
4.	186	Diversion of water from the additional well authorized under Transfer 77894 located in SESW, Sec. 14, T02S, R32E shall not exceed a maximum diversion rate of 2.5 cfs.
5.		Rights 35-2348 and 35-7929 are diverted through points of diversions described above.
6.	T08	Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
7.	X35	Rights 35-2348 and 35-7929 when combined shall not exceed a total diversion rate of 4.08 cfs, a total annual maximum diversion volume of 1252 af at the field headgate, and the irrigation of 313 acres.
8.	X27	This right is limited to the irrigation of 133 acres within the authorized place of use in a single irrigation season.
9.	046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
10.	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 place of use.
11.	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.
12.	213	Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.

Decreed Date: 1/31/2002

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2

A. DESCRIPTION OF RIGHT(S) AS RECORDED

For each water right listed in Part 1B.1 of the application, attach a **Part 2A** report obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 1.
Insert Part 2A reports into the application following Part 1.

B. IF ONLY A PORTION OF THE RIGHT IS PROPOSED TO BE CHANGED, DESCRIBE THE PORTION BEING CHANGED AS IT APPEARS BEFORE THE REQUESTED CHANGES

☑ Complete and attach one copy of Part 2B for each right for which only a portion is proposed to be changed. If the entire right is proposed to be changed, Part 2B is not applicable. Additional copies of the **Part 2B** form can be obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 3, or Water Right Forms, Changes in Use. Insert completed Part 2B forms into the application following Part 2A of the same water right.

Right Number: 35-7929

1. amount 0.21 / 42.5 (cfs/ac-ft) for Irrigation purposes from 04/01 to 10/31
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______
   amount ______ (cfs/ac-ft) for ______ purposes from ______ to ______

2. Lands irrigated or place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

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	
02S	32E	14								4.0	35.0	17.7	25.0	33.0					114.7
		15	25.6	5.0	17.2											20.7		1.8	70.3
		23					3.0	2.0											5.0

AMENDED

Total Acres (for irrigation use) 190.0

79218

Rev. 07/13

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2

A. DESCRIPTION OF RIGHT(S) AS RECORDED

For each water right listed in Part 1B.1 of the application, attach a **Part 2A** report obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 1.
Insert Part 2A reports into the application following Part 1.

B. IF ONLY A PORTION OF THE RIGHT IS PROPOSED TO BE CHANGED, DESCRIBE THE PORTION BEING CHANGED AS IT APPEARS BEFORE THE REQUESTED CHANGES

☑ Complete and attach one copy of Part 2B for each right for which only a portion is proposed to be changed. If the entire right is proposed to be changed, Part 2B is not applicable. Additional copies of the **Part 2B** form can be obtained from any Department office or from the Department's website @ www.idwr.idaho.gov, Water Right Transfers, Step 3, or Water Right Forms, Changes in Use. Insert completed Part 2B forms into the application following Part 2A of the same water right.

Right Number: 35-7929

1. amount 0.21 / 42.5 (cfs/ac-ft) for Irrigation purposes from 04/01 to 10/31
   amount ____ (cfs/ac-ft) for ____ purposes from ____ to ____
   amount ____ (cfs/ac-ft) for ____ purposes from ____ to ____
   amount ____ (cfs/ac-ft) for ____ purposes from ____ to ____
   amount ____ (cfs/ac-ft) for ____ purposes from ____ to ____
   amount ____ (cfs/ac-ft) for ____ purposes from ____ to ____
   amount ____ (cfs/ac-ft) for ____ purposes from ____ to ____
   amount ____ (cfs/ac-ft) for ____ purposes from ____ to ____

2. Lands irrigated or place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

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	
02S	32E	14								4.0	35.0	17.7	25.0	33.0					114.7
		15	25.6	5.0	17.2											20.7	1.8		70.3
		23					3.0	2.0											5.0

Total Acres (for irrigation use) 190.0

SUPERCEDED

79212

Rev. 07/13

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.

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 rights(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:

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments.

Received by _____ Date _____ Preliminary check by _____ Date _____

Fee paid $ 500.00 Date 2/3/2014 Receipted by Blake Receipt # E039498

Add'l fee paid _____ Date _____ Receipted _____ Receipt # _____

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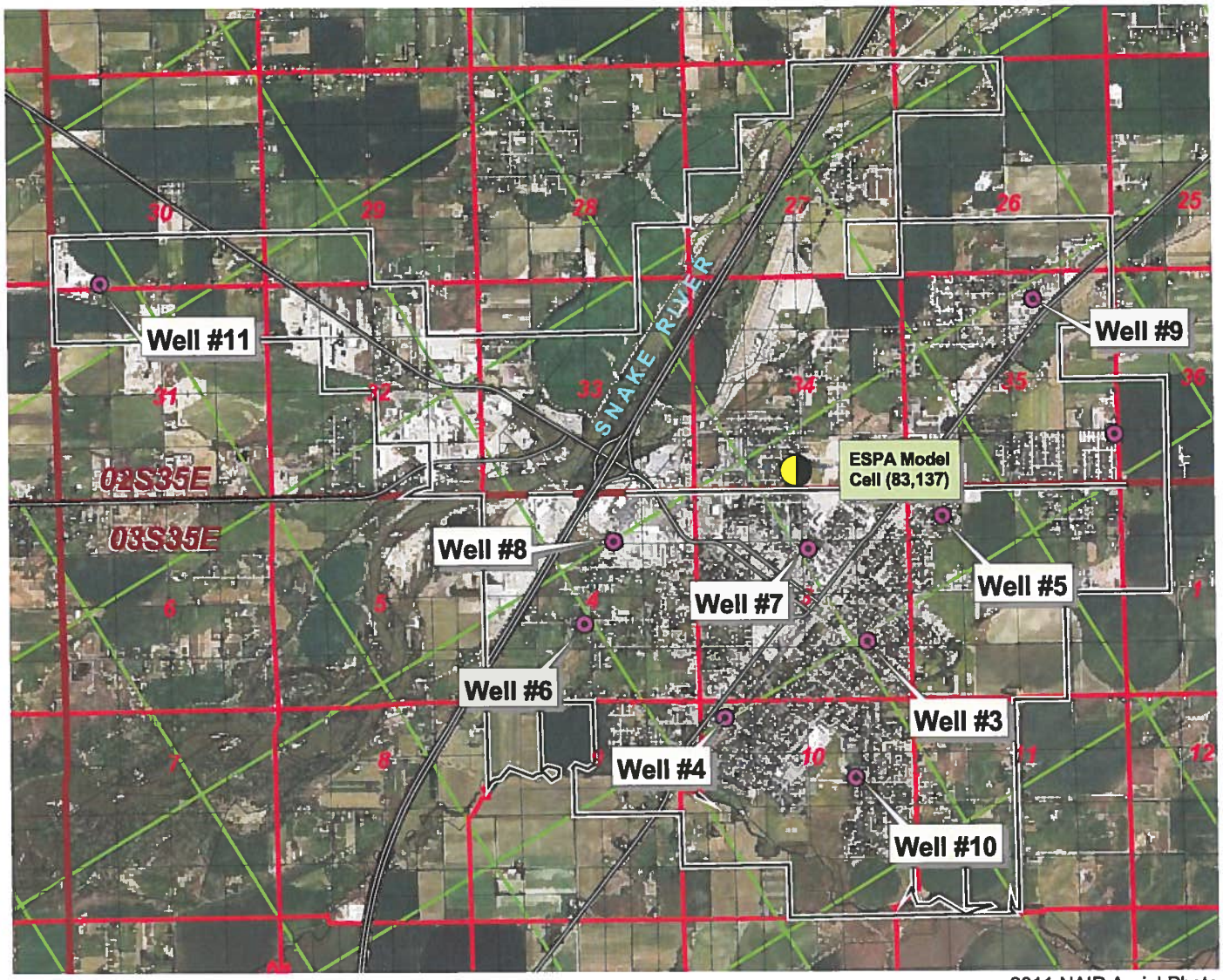


JCH - 1/25/2014

2011 NAIP Aerial Photo

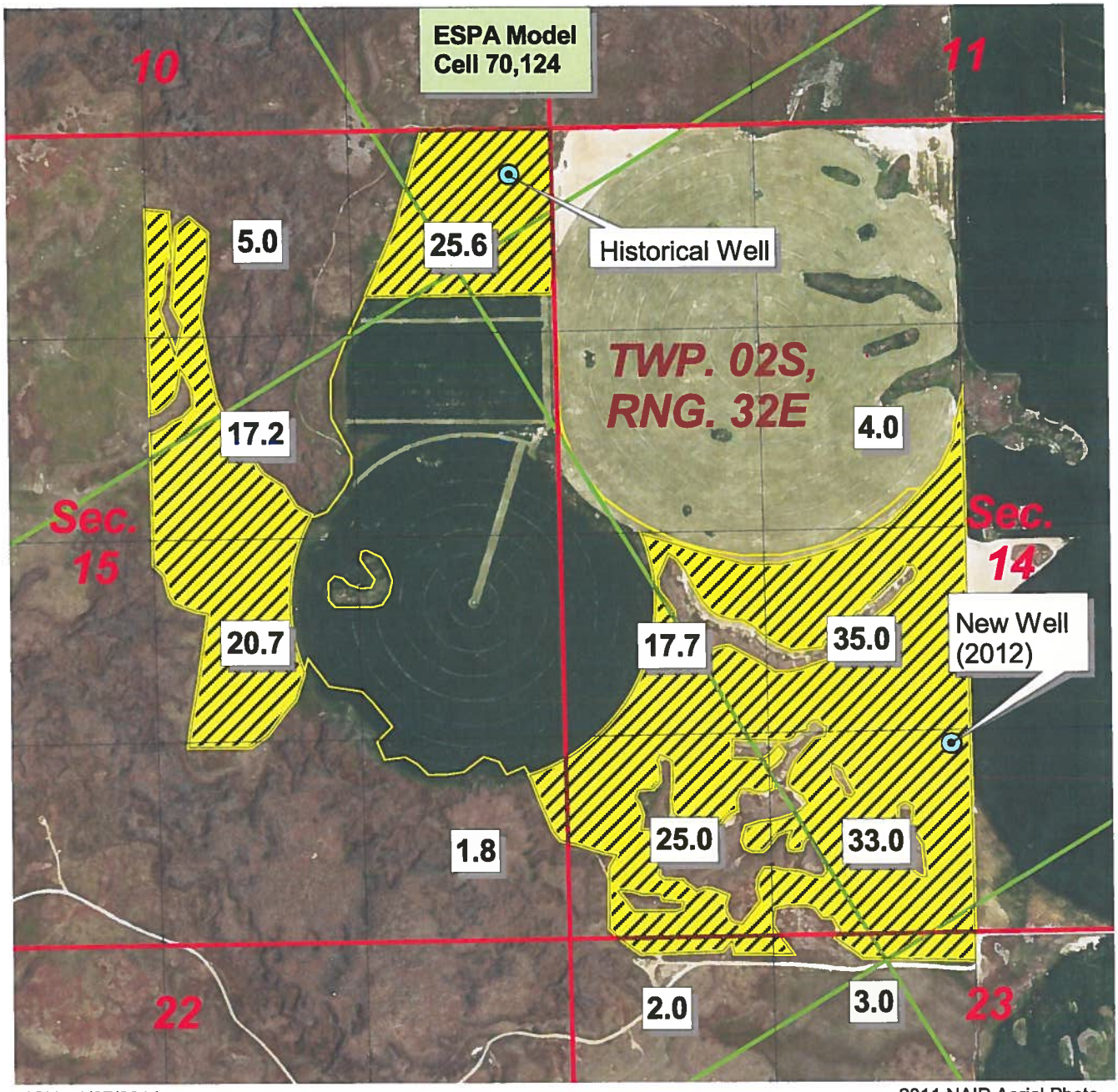
1 0 1 2 Miles

- City of Blackfoot Wells
- Calculated Centroid of Diversions (2000-2013)
- Existing Water Right Place of Use
- Primary Roads
- Township & Range
- Sections
- Bingham 40s
- ESPA Model Grid

N W E S

City of Blackfoot
Attachment #7a

79218



JCH - 1/27/2014

2011 NAIP Aerial Photo

0.25 0 0.25 0.5 Miles

N
W E
S

35-2348 & 35-7929 Existing Point of Diversion

Dry-Up (190 Acres Total)

ESPA Model Grid

Township & Range

Sections

40s

Attachment #7b

79218

City of
Blackfoot
Idaho

157 North Broadway
Blackfoot, Idaho 83221
(208) 785-8600
www.cityofblackfoot.org

To: Delbert G. Kohtz
Idaho Water Company
1135 Valley Rd. So.
Eden, ID 83325

20 January 2014

Subject: Designation of City Water Delivery Services as Place of Use

Dear Mr. Kohtz:

Please accept this letter as the City of Blackfoot's ("City") consent to Idaho Water Company ("Company") designating the City's water delivery service area as the place of use for up to 100 acre-feet of water currently authorized for irrigation under water right nos. 35-2348 and 35-7929. The City understands that this consent is without any obligation or liability to the City, and that the transfer may facilitate the Company's transfers of other portions of these two or other water rights. The City understands this may also facilitate the City's use of the 100 acre-feet in the future if, in the City's sole discretion, the City determines to acquire the 100 acre-feet of water from the Company. Any such transaction necessarily would be subject to the City and the Company entering into a future agreement to that effect.

The City of Blackfoot has first "right of refusal" in the purchase of these water rights. The City acknowledges that the transferred portions of the water rights will remain in the name of the Company until the purchase is complete or refused. If the City exercises refusal of purchase the Company may transfer or dedicate the subject portions of the water rights to any other place or purpose of use without the need to obtain additional consent from the City, unless the City and the Company have in the meantime entered into a written agreement to the contrary.

This letter may be provided by the Company to the Idaho Department of Water Resources in connection with any Company application proposing to move the place of use of the above-mentioned water rights to or from the City's service area as evidence of the City's consent to such application.

Very Respectfully,

Paul M. Loomis
Mayor
City of Blackfoot

cc: Daniel Acevedo

79218

IDAHO WATER COMPANY LLC
1135 Valley Rd. So.
Eden, Idaho 83325
Office 208-825-5617
Cell 312-1135

RECEIVED
JAN 29 2014
Department of Water Resources
Eastern Region

OPTION AGREEMENT FOR PURCHASE AND SALE OF WATER RIGHT

THIS AGREEMENT is made and entered into this 30 day of July 2012 by and between Farms LLC hereinafter("Seller")and Idaho Water Co. LLC of 1135 Valley Rd. So., Eden, Id. 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 Idaho Water Right #35-2348 & 35-7929 and the water appurtenant thereto, for _____ /acre foot or _____ per acre.There are 190 acres of water in this agreement. No land is included in this agreement.

2. The total purchase price shall be $_____ The entire purchase price shall be paid on the closing dates described in paragraph 4 below. A non-refundable earnest money payment of $1000.00 shall be paid at signing.

3. This Agreement for Purchase and Sale of said license is contingent upon and subject to 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.

4. The Buyers shall be given possession and use of the portion of the water right and the water appurtenant thereto upon closing which means paid for and Seller issues a Special Water Rights Deed to Buyer when payment is made by Buyer. If Buyer so chooses this contract may be closed in portions with payment made as the transters are finished. The Water Rights shall remain in the name of Seller until they are paid for. The remaining Water Rights shall remain the property of the Seller until they are paid for and so forth until the entire Water Rights are 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. Seller understands Buyer is transferring the water to another property.

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.

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

Seller

Buyer

HYDROLOGY HYDRAULICS WATER RIGHTS PROJECT MANAGEMENT STRUCTURAL DESIGN
STREAM CHANNEL ALTERATIONS CIVIL ENGINEERING FLOOD PLAIN MODELING
JCH Engineering & Consulting, P.L.L.C.
6755 N. Albert Lane Idaho Falls, ID 83401
E-mail: jasoncivil@alumni.nd.edu
Ph. (208) 308-2109

RECEIVED
JAN 29 2014
Department of Water Resources
Eastern Region

ESPA Impact Analysis Report

Idaho Water Company
Combined Off-Setting Transfers (35-2348, 35-7929)

Transfer #1: City of Ammon
Transfer #2: City of Chubbuck
Transfer #3: County Line Farms
Transfer #4: City of Blackfoot

Prepared by Jason C. Helms, P.E.
January 28, 2014

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APPENDICES

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Appendix B.	Map: Diversion Locations Within The ESPA
Appendix C.	ESPA Transfer Spreadsheet Input Summaries
Appendix D.	ESPA Transfer Spreadsheet Input Data
Table D.1	Data Entry Table : Transfer #1 - City of Ammon
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Table E.1	Off-Setting Impacts: Heise To Shelley
Table E.2	Off-Setting Impacts: Shelley To Near Blackfoot
Table E.3	Off-Setting Impacts: Near Blackfoot To Neeley

1. General Information

This report presents the results of an evaluation of off-setting transient changes to the model river reaches of the Eastern Snake River Plain Aquifer (ESPA) resulting from the off-setting impacts of four individual water right transfers which have been combined for mitigation purposes.

Each of the four transfers seek to change the place of use for portions of existing water rights 35-2348 and 35-7929. A table showing the proposed splits based on proportional fractions of the existing right is attached as **Appendix A**. A map showing the locations of the proposed and historical diversion locations with respect to the ESPA is attached as **Appendix B**.

The existing water rights 35-2348 and 35-7929 have a combined authorized volume of 4.0 acre-ft per acre for use on the combined acreage. Water right 35-2348 has a priority date of August 18, 1953 while water right 35-7929 has a priority date of December 3, 1980. According to FSA reports, approximately 60 acres of the land to which the water rights are appurtenant was fallow between 2007 and 2011 however use was resumed on the entire authorized acreage in the 2013 season.

Transient impacts are severe in some cases and Transfer #1 to the City of Ammon requires an initial reduction during the first two years after transfer to mitigate the Heise to Shelley reach to a level within 5% of historical impacts where the mitigating effects of the other transfers are initially inadequate. Similarly, Transfer #4 to the City of Blackfoot requires an initial reduction to 88% of the transferred volume during the first year after transfer to mitigate increased impacts in the Shelley to Near Blackfoot reach. For all other transfers, the full transferred volume is available immediately following formal transfer approval by IDWR with the analysis modeling the new use as early as the spring trimester in 2014.

2. Model Approach

Simulation of transient impacts to ESPA river reaches resulting from the proposed transfers was performed utilizing the most recent ESPA Transfer

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Spreadsheet Tool Version 3.1 developed by IDWR in cooperation with the Idaho Water Resources Research Institute (IWRRI). In each of the five model analyses, the determination of changes to ESPA river reaches was evaluated utilizing only the specific volume proposed for each individual transfer. The "without transfer" impacts are determined by modeling the diversion of the historical headgate volume authorized by the water right beginning on the priority date of the water right and continuing through the end of the model time period. This provides a baseline of priority authorized reach impacts according to the historical diversion location of the proposed transferred water rights. The impacts resulting from the new diversion location is modeled in the "TO Well" with total change in impacts calculated through summation of residual impacts still propagating from the past historical use combined with the new impacts resulting from diversion of the water right at the proposed new location.

Following determination of independent transfer impacts, the results were examined to determine if mitigation was required for each model time step. If the individual reach impacts exceed 10% of the total diversion, ***and*** the increase in reach impacts exceeds 2 acre-ft per year ***and*** the increase in reach impacts exceeds 10% of the calculated historical baseline impacts then mitigation is required. Where mitigation was found to be required for an individual transfer, the off-setting impacts from some combination of the other transfers is included to determine if additional mitigation is required. Only the City of Ammon and City of Blackfoot transfers exceed the historical reach impacts when the off-setting impacts are considered, however, an initial reduction in authorized volume for each of these transfers provides adequate buffer to satisfiy the mitigation requirement. The City of Ammon, City of Chubbuck and City of Blackfoot well systems were modeled using the weighted centroid based on recent historical diversion records available from the Water Measurement Information System.

3. Transfer #1 (City of Ammon)

Transfer #1 seeks to provide ground water irrigation water rights for use within the service area of the municipal water supply system of the City of Ammon to meet peak summer demand. The City of Ammon wells lie within 5

individual ESPA model cells. The transfer seeks to authorize the diversion of the transferred water right from any of the City of Ammon wells and analysis of historical diversions indicates the centroid of diversions lies within ESPA model cell 75,163. The steady state impacts from the proposed transfer are shown below in **Table 1**. All spring reaches not shown experience negligible impacts.

OFF-SETTING TRANSFER #1				Steady State Impacts by Reach					
	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl
Farms, LLC	2S,32E-15	64.0	SP070124	1.8	2.2	16.6	40.7	0.9	0.9
City of Ammon	2N,38E-27	64.0	SP075163	5.0	9.1	23.4	24.8	0.6	0.6
		Change in Impacts:		3.2	6.9	6.7	-15.9	-0.3	-0.3
Mitigation Required? (> 6 afa or >10% hist.)				NO	YES	YES	NO	NO	NO

Table 1: Changes to ESPA Reach Impacts Resulting from Proposed Transfer to City of Ammon

3.1. Transfer #1 ESPA Transient Impacts

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to ESPA model cell (75,163) utilizing the ESPA Transfer Spreadsheet

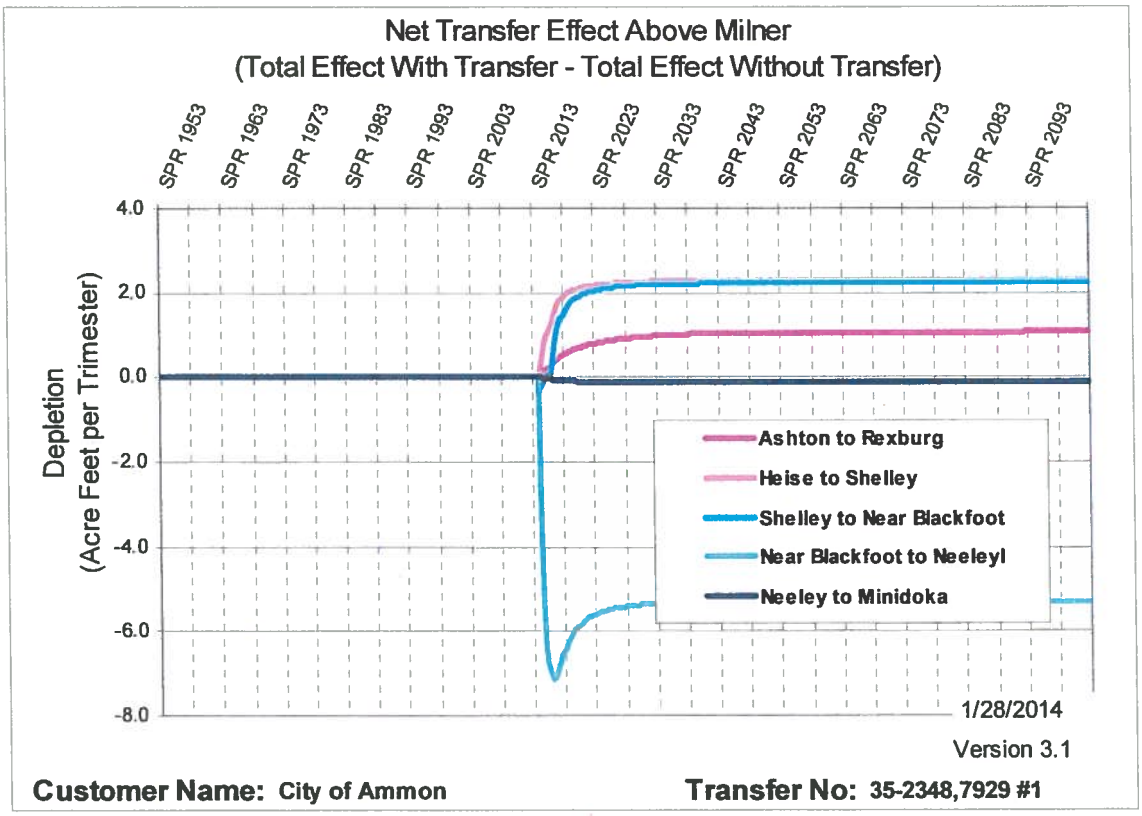

Chart 1: Transient ESPA Reach Impacts from Proposed Transfer to the City of Ammon

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are shown in **Chart 1.** The transient analysis reveals a gradual increase over projected historical impacts in the three uppermost reaches - Ashton to Rexburg, Heise to Shelley and Shelley to Near Blackfoot, however, only the Heise to Shelley and Shelley to Near Blackfoot reaches experience a net increase over 2 acre-ft per trimester requiring mitigation. The off-setting mitigation provided by this transfer in the Near Blackfoot to Neeley reach is also apparent.

4. Transfer #2 (City of Chubbuck)

Transfer #2 seeks to provide ground water irrigation water rights for use within the service area of the municipal water supply system of the City of Chubbuck. The City of Chubbuck wells lie within several individual ESPA model cells as shown in the application for transfer. The transfer seeks to authorize the diversion of the transferred water right from any of the city wells. Analysis of historical diversions indicates the centroid of diversions lies within ESPA model cell 96,122. **Table 2** (below) shows the historical and expected steady state impacts (acre-ft per year) of the proposed transfer. The ESPA reaches comprising at least 10% of the total impacts related to diversion from the proposed well are the Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches (impacts shaded).

OFF-SETTING TRANSFER #2				Steady State Impacts by Reach					
	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl
Farms, LLC	2S,32E-15	286.0	SP070124	8.1	9.6	74.4	181.8	4.2	4.2
City of Chubbuck	6S,34E-3	286.0	SP096122	5.9	7.0	65.1	197.1	4.0	3.7
		Change in Impacts:		-2.2	-2.6	-9.3	15.3	-0.2	-0.5
quired? (Change > 6 afa or Change >10% historical):				NO	NO	NO	NO	NO	NO

Table 2: Changes to ESPA Reach Impacts Resulting from Proposed Transfer to the City of Chubbuck

This location within the ESPA model generates higher reach impacts in the Near Blackfoot to Neeley model reach, although total impacts are within 10% of historical levels so no mitigation is required according to current IDWR policy[1]. Transfer #2 to the City of Chubbuck generates off-setting mitigation credits for

[1] IDWR Administrator's Memorandum (Transfer Processing No. 24, 12/21/2009) pg. 13 (b).

Transfer #1 in the Heise to Shelley and Shelley to Near Blackfoot reaches and also for Transfer #4 in the Shelley to Near Blackfoot reach.

4.1. Transfer #2 ESPA Transient Impacts

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to the City of Chubbuck utilizing the ESPA Transfer Spreadsheet showing the upper ESPA reach impacts (acre-ft per trimester) are shown below in **Chart 2.** All spring reaches not shown experience negligible impacts.

According to the transient analysis, there is an initial spike where historical impacts overlap with modeled new diversions exceeding the steady state values. These compounded impacts recede after approximately 20 years asymptotically approaching the steady state impacts. In agreement with the calculated steady state analysis, this transfer generates off-setting credits in the Ashton to Rexburg, Heise to Shelley and Shelley to Near Blackfoot reaches.

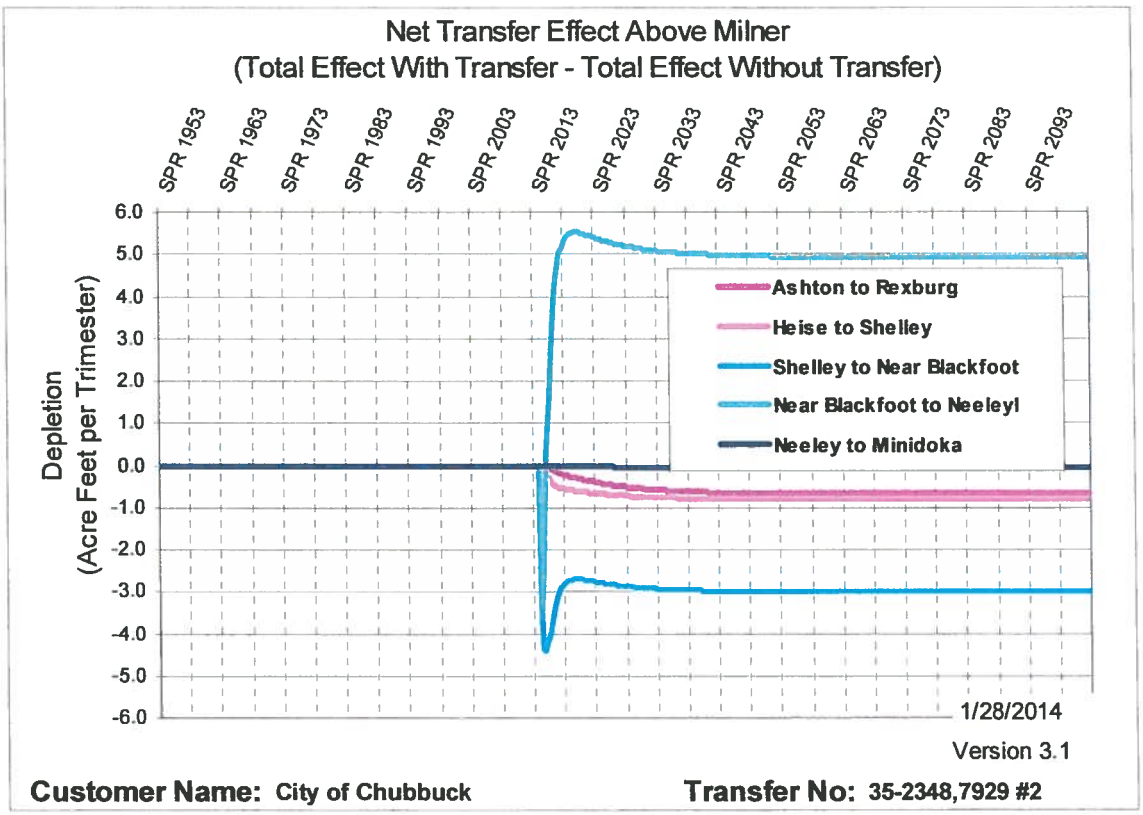

Chart 2: Transient ESPA Reach Impacts from Proposed Transfer to the City of Chubbuck

5. Transfer #3 (County Line Farms)

Transfer #3 seeks to provide 77.5 acres of ground water irrigation water rights for irrigation uses within an existing permissible place of use associated with current water rights 35-14046, 35-14052 and 35-14280. **Table 3** below shows the expected steady state impacts of the proposed transfer to the County Line Farm property in the upper ESPA reaches. The ESPA reaches comprising at least 10% of the total impacts related to diversion from the proposed well is only the Ashton to Rexburg reach (impacts shaded). All spring reaches not shown experience negligible impacts.

OFF-SETTING TRANSFER #3				Steady State Impacts by Reach					
	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl
Farms, LLC	2S,32E-15	310.0	SP070124	8.7	10.4	80.6	197.0	4.6	4.5
County Line Farm	6S,29E-12	310.0	SP082097	4.8	5.7	46.9	217.2	14.9	10.8
		Change in Impacts:		-4.0	-4.8	-33.7	20.2	10.3	6.3
quired? (Change > 6 afa or Change >10% historical):				NO	NO	NO	YES	NO	NO

Table 3: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to County Line Farm

This location within the ESPA model generates significantly higher reach impacts in the Near Blackfoot to Neeley model reach (requiring mitigation) while providing significant off-setting mitigation to the three uppermost reaches. According to the steady state analysis, significant off-setting mitigation is provided by this transfer for Transfer #1 within the Heise to Shelley and Shelley to Near Blackfoot reaches and single-handedly mitigates the steady state impacts of Transfer #4 to the City of Blackfoot within the Shelley to Near Blackfoot reach.

5.1. Transfer #3 ESPA Transient Impacts

Calculated transient changes (acre-ft per trimester) from historical impacts to upper ESPA reaches resulting from the proposed transfer to the County Line Farm property utilizing the ESPA Transfer Spreadsheet are shown in **Chart 3.**

According to the results of the transient model analysis, additional impacts in the Near Blackfoot to Neeley reach increase quickly hovering around 6 acre-ft

per trimester over historical levels requiring mitigation. An increase is also apparent in the Neeley to Minidoka reach, however these impacts represent less than 10% of the total impacts so no mitigation is necessary in this case. The mild offsetting mitigation generated by this transfer in the Heise to Shelley reach partially mitigating Transfer #1, and the more significant mitigation benefiting the Shelley to Near Blackfoot reach mitigating Transfer #4 is also clear.

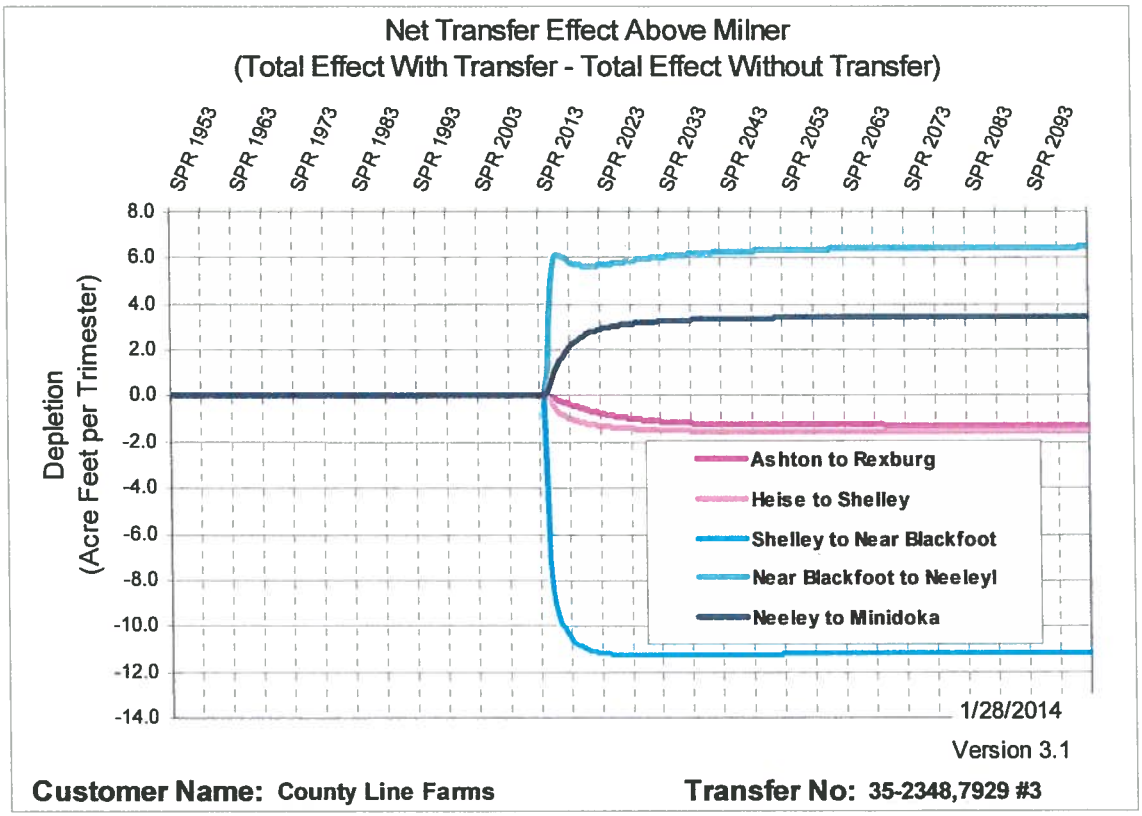

Chart 3: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to City of Chubbuck

6. Transfer #4 (City of Blackfoot)

Transfer #4 seeks to provide ground water irrigation water rights for use within the service area of the municipal water supply system of the City of Blackfoot. The City of Blackfoot wells lie within several individual ESPA model cells as shown in the application for transfer. The transfer seeks to authorize the diversion of the transferred water right from any of the city wells. Analysis of historical diversions indicates the centroid of diversions lies within ESPA model

cell 83,137. **Table 4** (below) shows the expected steady state impacts (acre-ft per year) of the proposed transfer to the Blackfoot city wells in the upper ESPA reaches. The ESPA reaches comprising at least 10% of the total impacts related to diversion from the proposed well are the Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches (impacts shaded).

Transfer to this location within the ESPA model generates more than double the historical impacts in the the Shelley to Near Blackfoot reach at steady state with a similar decrease in the lower Near Blackfoot to Neeley reach. According to the steady state values, this particular transfer provides significant off-setting mitigation specifically for Transfer #3 in the Near Blackfoot to Neeley reach of the Snake River.

OFF-SETTING TRANSFER #4				Steady State Impacts by Reach					
	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl
Farms, LLC	2S,32E-15	100.0	SP070124	2.8	3.4	26.0	63.5	1.5	1.5
City of Blackfoot	2S,35E-34	100.0	SP083137	1.8	2.3	59.1	34.6	0.8	0.8
		Change in Impacts:		-1.0	-1.1	33.1	-29.0	-0.7	-0.7
Mitigation Required? (> 6 afa or >10% hist.)				NO	NO	YES	NO	NO	NO

Table 4: Changes to ESPA Reach Impacts Resulting from Transfer to City of Blackfoot

6.1. Transfer #4 ESPA Transient Impacts

Evaluation of transient ESPA reach impacts (acre-ft per trimester) calculated utilizing the ESPA Transfer Spreadsheet resulting from Transfer #4 are shown in **Chart 4.** According to the results of the transient model analysis, transfer to this location generates significant and immediate additional impacts to the Shelley to Near Blackfoot reach. The off-setting credits generated in the Near Blackfoot to Neeley reach is also apparent. An initial pumping reduction during the first year after transfer is included to fully mitigate the initial spike in impacts within the Shelley to Near Blackfoot reach. The full transferred volume is available for use thereafter. All spring reaches not shown experience negligible impacts

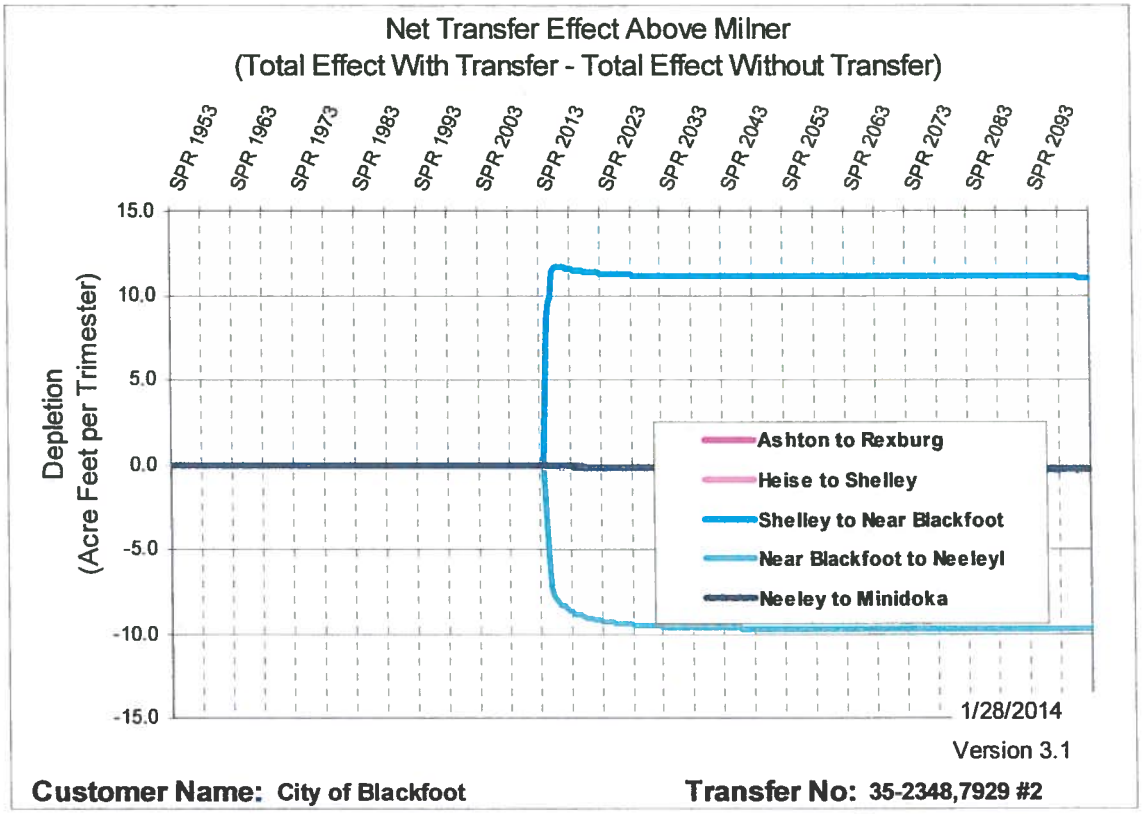

Chart 4: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to the City of Blackfoot

7. Analysis of Required Mitigation & Off-Setting Impacts

Based on the results of the transient analysis conducted for each individual transfer, there are three ESPA model reaches requiring mitigation by three of the four transfers. **Table 5** below provides a summary of the combination of required mitigation calculated at steady state for the transfers. In

SUMMARY - Required Mitigation & Credits Provided by Off-Setting Credit Transfers							
				Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl
Transfer #1 TO: City of Ammon					6.9	6.7	-15.9	-0.3	-0.3
Transfer #2 TO: City of Chubbuck				-2.2	-2.6	-9.3		-0.2	-0.5
Transfer #3 TO: County Line Farm				-4.0	-4.8	-33.7	20.2		
Transfer #4 TO: City of Blackfoot				-1.0	-1.1	33.1	-29.0	-0.7	-0.7
			Net Off-Setting Impacts	-7.17	-1.53	-3.21	-24.66	-1.30	-1.56
				OK	OK	OK	OK	OK	OK

Table 5: Evaluation of Required and Off-Setting Mitigation (Steady State Values Shown)

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all cases, the total of additional impacts is adequately offset by some combination of credits generated by the companion transfers at steady state.

7.1. Heise to Shelley (Transfer #1 Impact Mitigation)

Table 6 below shows the transient impacts generated by each of the four companion transfers within the Heise to Shelley reach. The values shown include the initial pumping reductions associated with Transfer #1 which requires a 25% reduction for the first two years and Transfer #4 which requires a 12% reduction for a single year. **Table 7** that follows specifically shows the combined off-setting impacts are maintained transiently within 5% of historical projected impacts through 2020 after which point minor credits begin to accrue.

HEISE - SHELLEY
Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot		
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change
WIN 2012	0.71	0.71	0.00	3.18	3.18	0.00	3.44	3.44	0.00	1.11	1.11	0.00
SPR 2013	0.71	0.71	0.00	3.18	3.18	0.00	3.44	3.44	0.00	1.11	1.11	0.00
SUM 2013	0.71	0.71	0.00	3.18	3.18	0.00	3.44	3.44	0.00	1.11	1.11	0.00
WIN 2013	0.71	0.71	0.00	3.18	3.18	0.00	3.45	3.45	0.00	1.11	1.11	0.00
SPR 2014	0.92	0.71	0.21	3.15	3.18	-0.03	3.40	3.45	-0.04	1.10	1.11	-0.01
SUM 2014	1.22	0.71	0.50	3.08	3.18	-0.10	3.32	3.45	-0.13	1.09	1.11	-0.02
WIN 2014	1.48	0.71	0.77	2.99	3.18	-0.19	3.21	3.45	-0.24	1.07	1.11	-0.04
SPR 2015	1.68	0.71	0.97	2.91	3.18	-0.27	3.09	3.45	-0.36	1.05	1.11	-0.06
SUM 2015	1.83	0.71	1.11	2.84	3.18	-0.34	2.97	3.45	-0.48	1.03	1.11	-0.08
WIN 2015	1.93	0.71	1.21	2.78	3.18	-0.41	2.87	3.45	-0.58	1.01	1.11	-0.10
SPR 2016	2.07	0.71	1.36	2.73	3.18	-0.45	2.78	3.45	-0.67	1.00	1.11	-0.12
SUM 2016	2.22	0.71	1.51	2.69	3.18	-0.49	2.70	3.45	-0.75	0.98	1.11	-0.13
WIN 2016	2.36	0.71	1.65	2.66	3.18	-0.52	2.63	3.45	-0.82	0.97	1.11	-0.14
SPR 2017	2.47	0.71	1.75	2.64	3.18	-0.55	2.57	3.45	-0.88	0.96	1.11	-0.16
SUM 2017	2.55	0.71	1.83	2.62	3.19	-0.56	2.52	3.45	-0.93	0.95	1.11	-0.17
WIN 2017	2.61	0.71	1.89	2.61	3.19	-0.58	2.47	3.45	-0.98	0.94	1.11	-0.18
SPR 2018	2.66	0.71	1.94	2.59	3.19	-0.59	2.43	3.45	-1.02	0.93	1.11	-0.18
SUM 2018	2.69	0.71	1.98	2.58	3.19	-0.60	2.40	3.45	-1.06	0.92	1.11	-0.19
WIN 2018	2.72	0.71	**2.01**	2.57	3.19	-0.61	2.36	3.45	-1.09	0.91	1.11	-0.20
SPR 2019	2.75	0.71	**2.03**	2.56	3.19	-0.62	2.33	3.46	-1.12	0.91	1.11	-0.21
SUM 2019	2.77	0.71	**2.06**	2.56	3.19	-0.63	2.31	3.46	-1.15	0.90	1.11	-0.21
WIN 2019	2.79	0.71	**2.07**	2.55	3.19	-0.64	2.28	3.46	-1.17	0.89	1.11	-0.22
SPR 2020	2.80	0.71	**2.09**	2.54	3.19	-0.65	2.26	3.46	-1.20	0.89	1.12	-0.23
SUM 2020	2.82	0.71	**2.10**	2.54	3.19	-0.65	2.24	3.46	-1.22	0.88	1.12	-0.23
WIN 2020	2.83	0.71	**2.12**	2.53	3.19	-0.66	2.22	3.46	-1.24	0.88	1.12	-0.24
SPR 2021	2.84	0.71	**2.13**	2.52	3.19	-0.67	2.20	3.46	-1.25	0.87	1.12	-0.24
SUM 2021	2.85	0.71	**2.14**	2.52	3.19	-0.68	2.19	3.46	-1.27	0.87	1.12	-0.25
WIN 2021	2.86	0.71	**2.15**	2.51	3.19	-0.68	2.17	3.46	-1.29	0.86	1.12	-0.25

Table 6: Heise-Shelley Initial Excess and Off-Setting Transient Impacts

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	Combined Transfers 1-4			
	With Transfer	Without Transfer	Change [af]	Change [% of historical]
WIN 2012	8.44	8.44	0.00	0.0%
SPR 2013	8.44	8.44	0.00	0.0%
SUM 2013	8.44	8.44	0.00	0.0%
WIN 2013	8.45	8.45	0.00	0.0%
SPR 2014	8.58	8.45	0.13	**1.5%**
SUM 2014	8.70	8.45	0.25	**2.9%**
WIN 2014	8.75	8.45	0.30	**3.4%**
SPR 2015	8.73	8.45	0.28	**3.2%**
SUM 2015	8.67	8.46	0.21	**2.4%**
WIN 2015	8.59	8.46	0.13	**1.5%**
SPR 2016	8.57	8.46	0.11	**1.3%**
SUM 2016	8.60	8.46	0.14	**1.6%**
WIN 2016	8.62	8.46	0.16	**1.9%**
SPR 2017	8.64	8.46	0.17	**2.0%**
SUM 2017	8.64	8.47	0.17	**2.0%**
WIN 2017	8.63	8.47	0.16	**1.9%**
SPR 2018	8.61	8.47	0.14	**1.7%**
SUM 2018	8.59	8.47	0.13	**1.5%**
WIN 2018	8.57	8.47	0.10	**1.2%**
SPR 2019	8.55	8.47	0.08	**1.0%**
SUM 2019	8.53	8.47	0.06	**0.7%**
WIN 2019	8.51	8.47	0.04	**0.5%**
SPR 2020	8.49	8.47	0.02	**0.2%**
SUM 2020	8.47	8.48	0.00	**0.0%**
WIN 2020	8.46	8.48	-0.02	-0.2%
SPR 2021	8.44	8.48	-0.04	-0.5%
SUM 2021	8.42	8.48	-0.06	-0.7%
WIN 2021	8.40	8.48	-0.08	-0.9%

Table 7: Heise-Shelley Combined Transient Impacts

7.2. Shelley to Near Blackfoot

Chart 5 on the following page graphically shows the calculated transient impacts within the Shelley to Near Blackfoot reach associated with the proposed transfer to the City of Ammon and City of Blackfoot (both requiring mitigation) and the off-setting mitigation provided by the companion transfers to the City of Chubbuck and County Line Farms. According to the combined results, the transfers to the City of Chubbuck and County Line Farms provide ample mitigation throughout the model period apart from the very first model trimester which (if you look closely) exhibits a very slight increase of 0.4 percent resulting

from Transfer #4 to the City of Blackfoot. The initial reduction maintains this initial increase and also prevents excess impacts during the rebound visible in the chart around 2018.

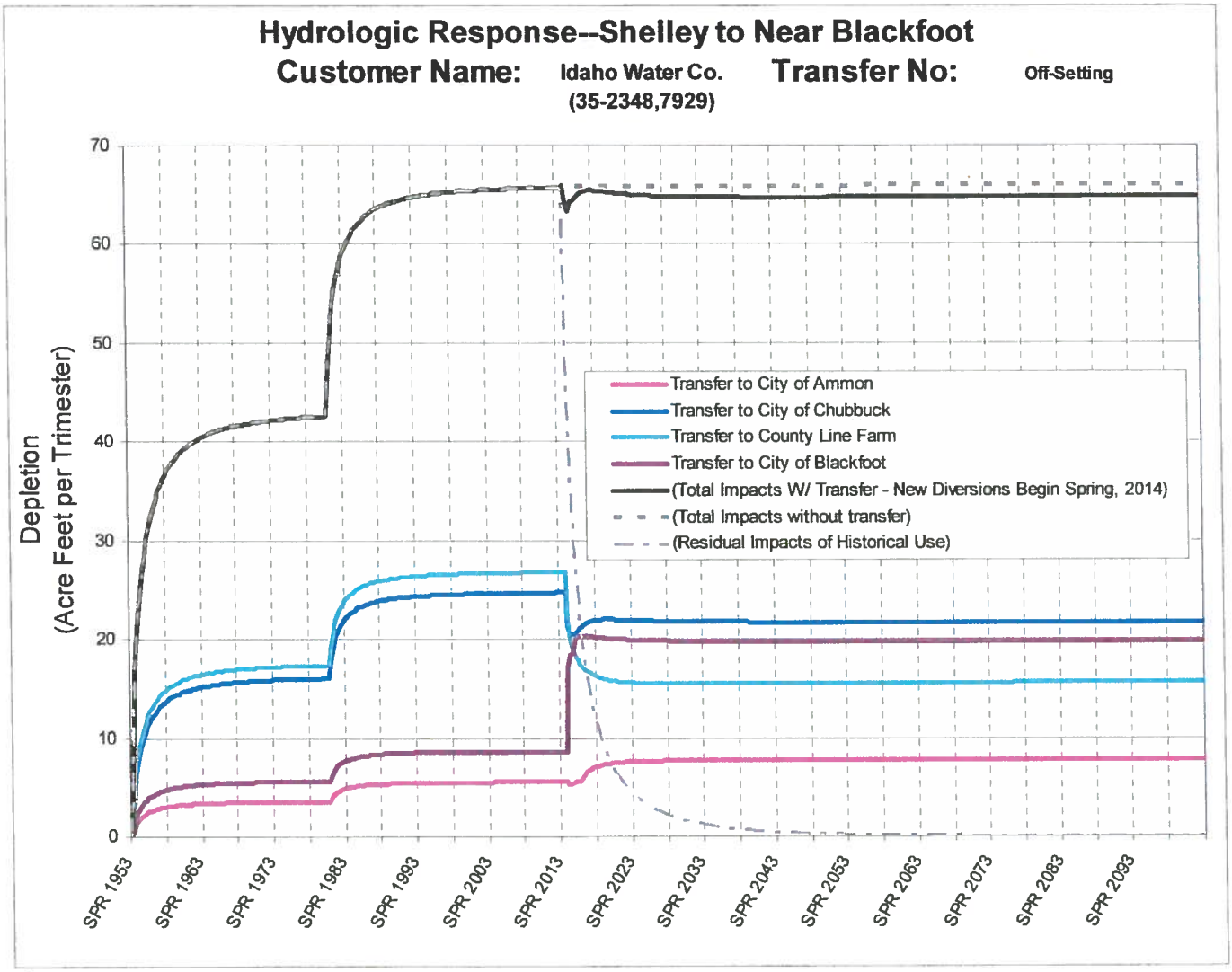

Chart 5: Shelley to Near Blackfoot Combined Transient Impacts

7.3. Near Blackfoot to Neeley Impacts

Chart 6 shows the individual and off-setting transient impacts within the Near Blackfoot to Neeley reach associated with the proposed transfers. According to the transient model analysis, the combined total impacts within the Near Blackfoot to Neeley reach are maintained below historical levels throughout

the transient model period as a result of the combined off-setting transfers including the initial pumping reductions. While only Transfer #3 to County Line Farms specifically requires mitigation, the additional impacts caused by the transfer to the City of Chubbuck that are within 10% of historical are also fully mitigated by the transfers to the City of Ammon and the City of Blackfoot.

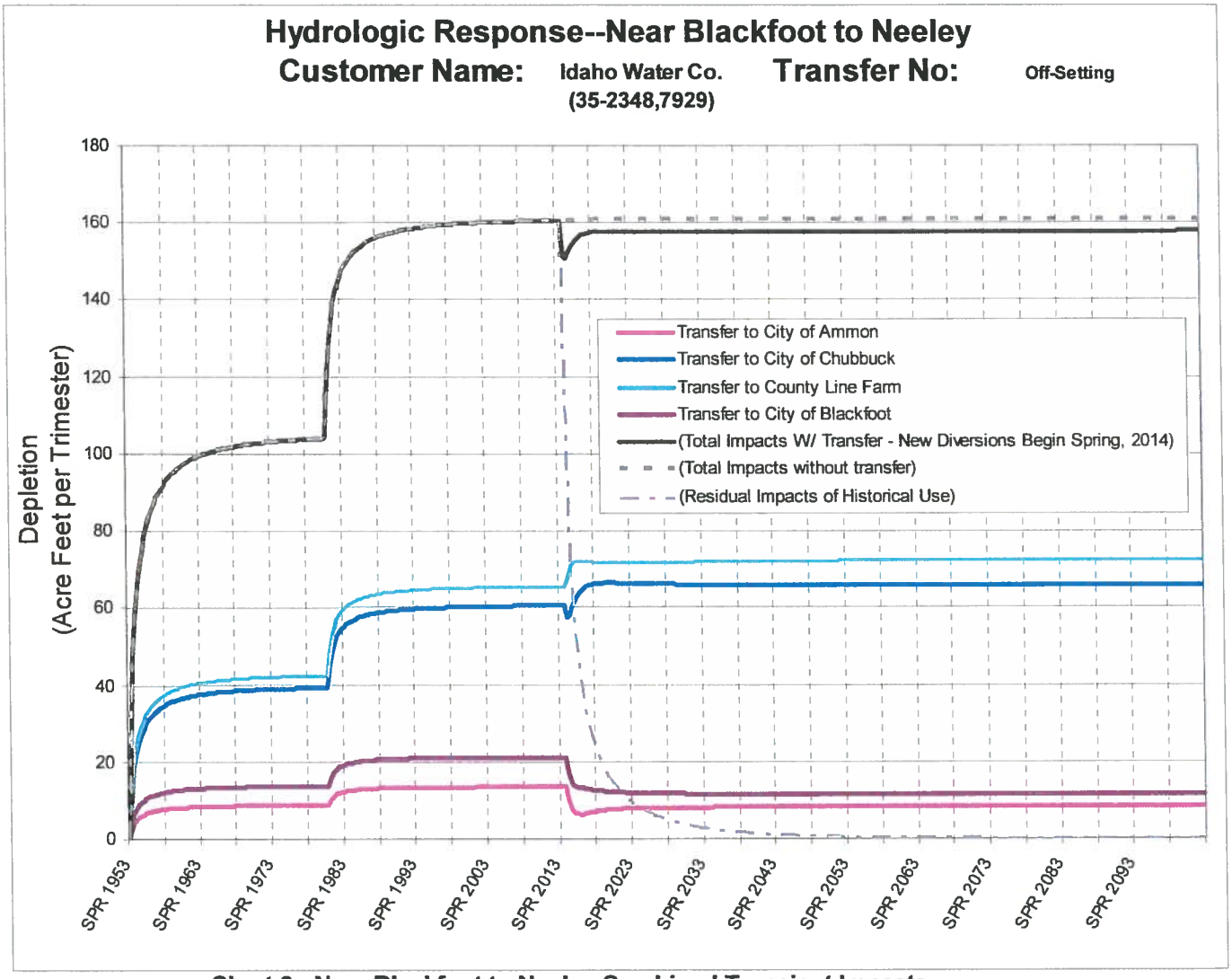

Chart 6: Near Blackfoot to Neeley Combined Transient Impacts

8. Results & Conclusions

According to the ESPA Transfer Spreadsheet transient analysis, the spatial distribution of the water right portions associated with the proposed set of off-setting transfers maintains ESPA reach impacts closely near historical levels.

While the transfer to the City of Ammon generates slightly increased impacts during the initial period of the transient model even with the inclusion of the off-setting impacts produced by the companion transfers, the total impacts are mitigated to within 5% of historical levels when the City of Ammon portion is limited to 75% of the transferred volume during the first two years after transfer. Similarly, the transfer to the City of Blackfoot causes unmitigated impacts during the initial period following transfer approval however the single year reduction to 88% of the transferred volume fully mitigates this initial spike in impacts.

The ESPA Transfer Spreadsheet input data summary describing the details of the model analysis is attached as **Appendix C**. The input data utilized for each of the four transfers is attached as **Appendix D**. The stepwise results of the analysis tabulating required mitigation and off-setting impacts for each of the three ESPA reaches found to require mitigation is attached as **Appendix E**.

APPENDIX A

Farms, LLC Existing Water Rights						100.00%
Water Right	**Priority**	**Diversion Rate**		**Diversion Volume**		**Acres**
35-2348	8/18/1953	4.08	4.08	816		204.0 313.0
35-7929	12/3/1980	*2.66*		*532*	**436**	133.0
TOTAL:		4.08 combined		1252.0 combined		313.0 combined

Transfer #1 to City of Ammon						5.11%
Water Right	**Priority**	**Diversion Rate**		**Diversion Volume**		**Acres**
35-2348	8/18/1953	0.21	0.21	41.7		10.4
35-7929	12/3/1980	*0.14*		*27.2*	**22.3**	6.8
TOTAL:		**0.21 combined**		**64.0 combined**		**16.0 combined**

Transfer #2 to City of Chubbuck						22.84%
Water Right	**Priority**	**Diversion Rate**		**Diversion Volume**		**Acres**
35-2348	8/18/1953	0.93	0.93	186.4		46.6
35-7929	12/3/1980	0.61		*121.5*	**99.6**	30.4
TOTAL:		**0.93 combined**		**286.0 combined**		**71.5 combined**

Transfer #3 to County Line Farm						24.76%
Water Right	**Priority**	**Diversion Rate**		**Diversion Volume**		**Acres**
35-2348	8/18/1953	1.01	1.01	202.0		50.5
35-7929	12/3/1980	0.66		*131.7*	**108.0**	32.9
TOTAL:		**1.01 combined**		**310.0 combined**		**77.5 combined**

Transfer #4 to City of Blackfoot						7.99%
Water Right	**Priority**	**Diversion Rate**		**Diversion Volume**		**Acres**
35-2348	8/18/1953	0.33	0.33	65.2		16.3
35-7929	12/3/1980	0.21		*42.5*	**34.8**	10.6
TOTAL:		**0.33 combined**		**100.0 combined**		**25.0 combined**

Remaining Water Rights						39.30%
Water Right	**Priority**	**Diversion Rate**		**Diversion Volume**		**Acres**
35-2348	8/18/1953	0.97	0.97	194.7		48.7
35-7929	12/3/1980	0.63		126.9		31.7
TOTAL:		1.93 combined		592.0 combined		123.0 combined

Calculated Water Right Splits For Transfer

APPENDIX B

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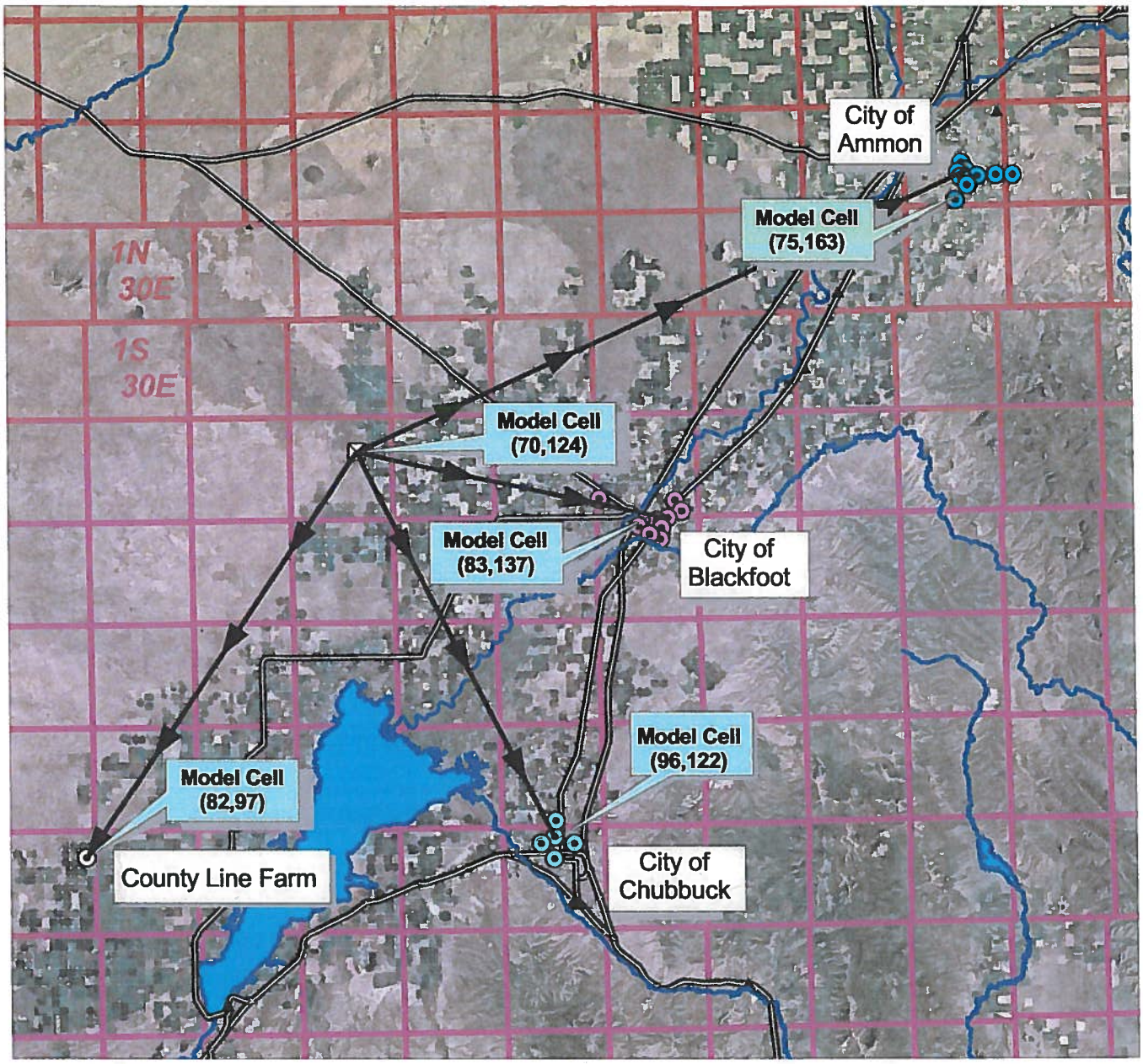

JCH - 1/28/2014

NAIP Aerial Photo

5 0 5 10 15 20 Miles

N W E S

- 35-2348 & 35-7929 Existing P.O.D.
- County Line Farm Proposed P.O.D.
- City of Ammon Proposed P.O.D.
- City of Backfoot Proposed P.O.D.
- City of Chubbuck Proposed P.O.D.
- Primary Roads
- Major Rivers
- Major Lakes
- Township & Range
- ESPA Model Grid

Diversion Locations Within The ESPA (Off-Setting Transfers 35-2348 & 35-7929)

APPENDIX C

(Idaho Water Co. Off-Setting Transfers: 35-2348 & 35-7929)

ESPA Ground Water Rights Transfer Spreadsheet Data Summary

TRANSFER NO:	Pending	**PREPARED BY:**	Jason C. Helms, P.E.
TRANSFER NAME:	Idaho Water Co. : 35-2348, 7929	**DATE:**	1/28/2014
		Transfer Tool Version	Version 3.1

WATER RIGHTS INVOLVED: **HISTORIC BENEFICIAL USE:**

Group 1 Transfer Rights		Group 2 Additional Mitigation I		Group 3 Additional Mitigatio		Trans/Mit. Rights	Acres to	Beneficial Use	Total
Right No.	Priority Dat	Right No.	riority Dat	Right No.	riority Da	(group no.)	Dry Up (ac)	(af/yr)	(af/yr)
35-2348	8/18/1953					Model 1	16.0	64.0	64.0
35-7929	12/3/1980					Model 2	71.5	286.0	286.0
						Model 3	77.5	310.0	310.0
						Model 4	25.0	100.0	100.0
						TOTAL:	190.0	760.0	760.0

MODEL 1 CELL LOCATIONS:

	TO WELL	FROM1 WELL	ROM2 WE	ROM3 WELL
ROW	75	70	0	0
COLUMN	163	124	0	0

City of Ammon Farms, LLC

	Start Date		End Date		Water Use		Acres	
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)	Authorized (acres)	Notes
TO Well	Spring	1953	Winter	2013	0.0	0.0	0.0	No use prior to transfer
(Projected Use)	**Spring**	**2014**	**Winter**	**2015**	**48.0**	**16.0**	**12.0**	**25% Initial pumping reduction. 75% available first 2 years**
	Spring	2016	Winter	2102	64.0	21.3	16.0	Full use 2016 forward
FROM1 Well	Summer	1953	Winter	1980	41.7	13.9	10.4	35-2348 historical use
(With Transfer)	Spring	1981	Winter	2013	64.0	21.3	16.0	Add 35-7929 historical use
	Spring	2014	Winter	2102	0.0	0.0	0.0	Dry up for transfer 2014+
FROM1 Well	Summer	1953	Winter	1980	41.7	13.9	10.4	35-2348 historical use
(Without Transfer)	Spring	1981	Winter	2013	64.0	21.3	16.0	Add 35-7929 historical use
	Spring	2014	Winter	2102	64.0	21.3	16.0	continue use without transfer
FROM2 Well	Not Used							
FROM3 Well	Not Used							

MODEL 2 CELL LOCATIONS:

	TO WELL	FROM1 WELL	ROM2 WE	ROM3 WELL
ROW	96	70	0	0
COLUMN	122	124	0	0

City of Chubbuck Farms, LLC

	Start Date		End Date		Water Use		Acres	
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)	Authorized (acres)	Notes
TO Well	Spring	1973	Winter	2011	0.0	0.0	0.0	No use prior to transfer
(Projected Use)	Spring	2014	Winter	2102	286.0	95.3	71.5	Full use begins Spr,2014
FROM1 Well	Summer	1953	Winter	1980	186.4	62.1	46.6	35-2348 historical use
(With Transfer)	Spring	1981	Winter	2013	286.0	95.3	71.5	Add 35-7929 historical use
	Spring	2014	Winter	2102	0.0	0.0	0.0	Dry up for transfer 2014+
FROM1 Well	Summer	1953	Winter	1980	186.4	62.1	46.6	35-2348 historical use
(Without Transfer)	Spring	1981	Winter	2013	286.0	95.3	71.5	Add 35-7929 historical use
	Spring	2014	Winter	2102	286.0	95.3	71.5	continue use without transfer
FROM2 Well	Not Used							
FROM3 Well	Not Used							

(Idaho Water Co. Off-Setting Transfers: 35-2348 & 35-7929)

MODEL 3 CELL LOCATIONS:

	TO WELL	FROM1 WELL	ROM2 WE	ROM3 WELL
ROW	82	70	0	0
COLUMN	97	124	0	0

County Line Farm Farms, LLC

	Start Date		End Date		Water Use Annual	Water Use Trimester	Acres Authorized	
	Season	Year	Season	Year	(af/yr)	(af/trimester)	(acres)	Notes
TO Well	Spring	1953	Winter	2013	0.0	0.0	0.0	No use prior to transfer
(Projected Use)	Spring	2014	Winter	2102	310.0	103.3	77.5	Full use begins Spr,2014
FROM1 Well	Summer	1953	Winter	1980	202.0	67.3	50.5	35-2348 historical use
(With Transfer)	Spring	1981	Winter	2013	310.0	103.3	77.5	Add 35-7929 historical use
	Spring	2014	Winter	2102	0.0	0.0	0.0	Dry up for transfer 2014+
FROM1 Well	Summer	1953	Winter	1980	202.0	67.3	50.5	35-2348 historical use
(Without Transfer)	Spring	1981	Winter	2013	310.0	103.3	77.5	Add 35-7929 historical use
	Spring	2014	Winter	2102	310.0	103.3	77.5	continue use without transfer
FROM2 Well	Not Used							
FROM3 Well	Not Used							

MODEL 4 CELL LOCATIONS:

	TO WELL	FROM1 WELL	ROM2 WE	ROM3 WELL
ROW	83	70	0	0
COLUMN	137	124	0	0

City of Blackfoot Farms, LLC

	Start Date		End Date		Water Use Annual	Water Use Trimester	Acres Authorized	
	Season	Year	Season	Year	(af/yr)	(af/trimester)	(acres)	Notes
TO Well	Spring	1953	Winter	2013	0.0	0.0	0.0	No use prior to transfer
(Projected Use)	**Spring**	**2014**	**Winter**	**2014**	**88.0**	**29.3**	**22.0**	**12% Initial pumping reduction. 88% available first year**
	Spring	2015	Winter	2102	100.0	33.3	25.0	Full use 2015 forward
FROM1 Well	Summer	1953	Winter	1980	65.2	21.7	16.3	35-2348 historical use
(With Transfer)	Spring	1981	Winter	2013	100.0	33.3	25.0	Add 35-7929 historical use
	Spring	2014	Winter	2102	0.0	0.0	0.0	Dry up for transfer 2014+
FROM1 Well	Summer	1953	Winter	1980	65.2	21.7	16.3	35-2348 historical use
(Without Transfer)	Spring	1981	Winter	2013	100.0	33.3	25.0	Add 35-7929 historical use
	Spring	2014	Winter	2102	100.0	33.3	25.0	continue use without transfer
FROM2 Well	Not Used							
FROM3 Well	Not Used							

APPENDIX D

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Idaho Water Company
Off-Setting Transfers 35-2348 & 35-7929

MODEL 1

Data Entry: Residual and additional new impacts resulting from transfer
TO The City of Ammon within TWP 2N, RNG. 38E, Section 27

Cells this color are set up for user entries

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

YEAR 1953
SEASON 1

TRANSFER NO: 35-2348,7929 #1
TRANSFER NAME: City of Ammon

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	75	70		
COLUMN	163	124		

35-2348	8/18/1953	41.7
35-7929	12/3/1980	22.3
	Total	64.0

TRIMESTER OF ACTIVITY	City of Ammon Farms, LLC TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfe AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfe AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfe AF/TRIMESTER
SPR 1953	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1953	0.00	13.90	13.90	0.00	0.00	0.00	0.00
WIN 1953	0.00	13.90	13.90	0.00	0.00	0.00	0.00
SPR 1954	0.00	13.90	13.90	0.00	0.00	0.00	0.00
WIN 1979	0.00	13.90	13.90	0.00	0.00	0.00	0.00
SPR 1980	0.00	13.90	13.90	0.00	0.00	0.00	0.00
SUM 1980	0.00	13.90	13.90	0.00	0.00	0.00	0.00
WIN 1980	0.00	13.90	13.90	0.00	0.00	0.00	0.00
SPR 1981	0.00	21.33	21.33	0.00	0.00	0.00	0.00
SUM 1981	0.00	21.33	21.33	0.00	0.00	0.00	0.00
WIN 1981	0.00	21.33	21.33	0.00	0.00	0.00	0.00
SPR 1982	0.00	21.33	21.33	0.00	0.00	0.00	0.00
SPR 2012	0.00	21.33	21.33	0.00	0.00	0.00	0.00
SUM 2012	0.00	21.33	21.33	0.00	0.00	0.00	0.00
WIN 2012	0.00	21.33	21.33	0.00	0.00	0.00	0.00
SPR 2013	0.00	21.33	21.33	0.00	0.00	0.00	0.00
SUM 2013	0.00	21.33	21.33	0.00	0.00	0.00	0.00
WIN 2013	0.00	21.33	21.33	0.00	0.00	0.00	0.00
SPR 2014	16.00	0.00	21.33	0.00	0.00	0.00	0.00
SUM 2014	16.00	0.00	21.33	0.00	0.00	0.00	0.00
WIN 2014	16.00	0.00	21.33	0.00	0.00	0.00	0.00
SPR 2015	16.00	0.00	21.33	0.00	0.00	0.00	0.00
SUM 2015	16.00	0.00	21.33	0.00	0.00	0.00	0.00
WIN 2015	16.00	0.00	21.33	0.00	0.00	0.00	0.00
SPR 2016	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SUM 2016	21.33	0.00	21.33	0.00	0.00	0.00	0.00
WIN 2016	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SPR 2017	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SUM 2017	21.33	0.00	21.33	0.00	0.00	0.00	0.00
WIN 2017	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SPR 2018	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SUM 2100	21.33	0.00	21.33	0.00	0.00	0.00	0.00
WIN 2100	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SPR 2101	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SUM 2101	21.33	0.00	21.33	0.00	0.00	0.00	0.00
WIN 2101	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SPR 2102	21.33	0.00	21.33	0.00	0.00	0.00	0.00
SUM 2102	21.33	0.00	21.33	0.00	0.00	0.00	0.00
WIN 2102	21.33	0.00	21.33	0.00	0.00	0.00	0.00

Idaho Water Company
Off-Setting Transfers 35-2348 & 35-7929

MODEL 2

Data Entry: Residual and additional new impacts resulting from transfer

TO City of Chubbuck well centroid within TWP 6S, RNG. 34E, Section 3

Cells this color are set up for user entries

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

YEAR 1953

SEASON 1

TRANSFER NO: 35-2348,7929 #2

TRANSFER NAME: City of Chubbuck

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	96	70		
COLUMN	122	124		
	City of Chubbuck	Farms, LLC		

									35-2348	8/18/1953	186.4
									35-7929	12/3/1980	99.6
										Total	286.0

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfe AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfe AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfe AF/TRIMESTER
SPR 1953	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1953	0.00	62.13	62.13	0.00	0.00	0.00	0.00
WIN 1953	0.00	62.13	62.13	0.00	0.00	0.00	0.00
SPR 1954	0.00	62.13	62.13	0.00	0.00	0.00	0.00
WIN 1979	0.00	62.13	62.13	0.00	0.00	0.00	0.00
SPR 1980	0.00	62.13	62.13	0.00	0.00	0.00	0.00
SUM 1980	0.00	62.13	62.13	0.00	0.00	0.00	0.00
WIN 1980	0.00	62.13	62.13	0.00	0.00	0.00	0.00
SPR 1981	0.00	95.33	95.33	0.00	0.00	0.00	0.00
SUM 1981	0.00	95.33	95.33	0.00	0.00	0.00	0.00
WIN 1981	0.00	95.33	95.33	0.00	0.00	0.00	0.00
SPR 1982	0.00	95.33	95.33	0.00	0.00	0.00	0.00
SPR 2012	0.00	95.33	95.33	0.00	0.00	0.00	0.00
SUM 2012	0.00	95.33	95.33	0.00	0.00	0.00	0.00
WIN 2012	0.00	95.33	95.33	0.00	0.00	0.00	0.00
SPR 2013	0.00	95.33	95.33	0.00	0.00	0.00	0.00
SUM 2013	0.00	95.33	95.33	0.00	0.00	0.00	0.00
WIN 2013	0.00	95.33	95.33	0.00	0.00	0.00	0.00
SPR 2014	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SUM 2014	95.33	0.00	95.33	0.00	0.00	0.00	0.00
WIN 2014	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SPR 2015	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SUM 2015	95.33	0.00	95.33	0.00	0.00	0.00	0.00
WIN 2015	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SPR 2016	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SUM 2016	95.33	0.00	95.33	0.00	0.00	0.00	0.00
WIN 2016	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SPR 2017	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SUM 2017	95.33	0.00	95.33	0.00	0.00	0.00	0.00
WIN 2017	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SPR 2018	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SUM 2100	95.33	0.00	95.33	0.00	0.00	0.00	0.00
WIN 2100	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SPR 2101	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SUM 2101	95.33	0.00	95.33	0.00	0.00	0.00	0.00
WIN 2101	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SPR 2102	95.33	0.00	95.33	0.00	0.00	0.00	0.00
SUM 2102	95.33	0.00	95.33	0.00	0.00	0.00	0.00
WIN 2102	95.33	0.00	95.33	0.00	0.00	0.00	0.00

Idaho Water Company
Off-Setting Transfers 35-2348 & 35-7929

MODEL 3

Data Entry: Residual and additional new impacts resulting from transfer

TO County Line Farms

Cells this color are set up for user entries

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

TRANSFER NO: 35-2348,7929 #3

YEAR 1953

SEASON 1

TRANSFER NAME: County Line Farms

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	82	70		
COLUMN	97	124		

35-2348	8/18/1953	202.0
35-7929	12/3/1980	108.0
	Total	310.0

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfe AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfe AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfe AF/TRIMESTER
SPR 1953	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1953	0.00	67.33	67.33	0.00	0.00	0.00	0.00
WIN 1953	0.00	67.33	67.33	0.00	0.00	0.00	0.00
SPR 1954	0.00	67.33	67.33	0.00	0.00	0.00	0.00
WIN 1979	0.00	67.33	67.33	0.00	0.00	0.00	0.00
SPR 1980	0.00	67.33	67.33	0.00	0.00	0.00	0.00
SUM 1980	0.00	67.33	67.33	0.00	0.00	0.00	0.00
WIN 1980	0.00	67.33	67.33	0.00	0.00	0.00	0.00
SPR 1981	0.00	103.33	103.33	0.00	0.00	0.00	0.00
SUM 1981	0.00	103.33	103.33	0.00	0.00	0.00	0.00
WIN 1981	0.00	103.33	103.33	0.00	0.00	0.00	0.00
SPR 1982	0.00	103.33	103.33	0.00	0.00	0.00	0.00
SPR 2012	0.00	103.33	103.33	0.00	0.00	0.00	0.00
SUM 2012	0.00	103.33	103.33	0.00	0.00	0.00	0.00
WIN 2012	0.00	103.33	103.33	0.00	0.00	0.00	0.00
SPR 2013	0.00	103.33	103.33	0.00	0.00	0.00	0.00
SUM 2013	0.00	103.33	103.33	0.00	0.00	0.00	0.00
WIN 2013	0.00	103.33	103.33	0.00	0.00	0.00	0.00
SPR 2014	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SUM 2014	103.33	0.00	103.33	0.00	0.00	0.00	0.00
WIN 2014	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SPR 2015	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SUM 2015	103.33	0.00	103.33	0.00	0.00	0.00	0.00
WIN 2015	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SPR 2016	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SUM 2016	103.33	0.00	103.33	0.00	0.00	0.00	0.00
WIN 2016	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SPR 2017	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SUM 2017	103.33	0.00	103.33	0.00	0.00	0.00	0.00
WIN 2017	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SPR 2018	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SUM 2100	103.33	0.00	103.33	0.00	0.00	0.00	0.00
WIN 2100	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SPR 2101	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SUM 2101	103.33	0.00	103.33	0.00	0.00	0.00	0.00
WIN 2101	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SPR 2102	103.33	0.00	103.33	0.00	0.00	0.00	0.00
SUM 2102	103.33	0.00	103.33	0.00	0.00	0.00	0.00
WIN 2102	103.33	0.00	103.33	0.00	0.00	0.00	0.00

Idaho Water Company
Off-Setting Transfers 35-2348 & 35-7929

MODEL 4

Data Entry: Residual and additional new impacts resulting from transfer

TO City of Blackfoot well centroid within TWP 2S, RNG. 35E, Section 34

Cells this color are set up for user entries

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

TRANSFER NO: 35-2348,7929 #4

YEAR 1953

TRANSFER NAME:

SEASON 1

City of Blackfoot

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	83	70		
COLUMN	137	124		

35-2348	8/18/1953	65.2
35-7929	12/3/1980	34.8
Farms, LLC	Total	100.0

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	FROM1 WELL Without Transfe AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	FROM2 WELL Without Transfe AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	FROM3 WELL Without Transfe AF/TRIMESTER
SPR 1953	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 1953	0.00	21.73	21.73	0.00	0.00	0.00	0.00
WIN 1953	0.00	21.73	21.73	0.00	0.00	0.00	0.00
SPR 1954	0.00	21.73	21.73	0.00	0.00	0.00	0.00
WIN 1979	0.00	21.73	21.73	0.00	0.00	0.00	0.00
SPR 1980	0.00	21.73	21.73	0.00	0.00	0.00	0.00
SUM 1980	0.00	21.73	21.73	0.00	0.00	0.00	0.00
WIN 1980	0.00	21.73	21.73	0.00	0.00	0.00	0.00
SPR 1981	0.00	33.33	33.33	0.00	0.00	0.00	0.00
SUM 1981	0.00	33.33	33.33	0.00	0.00	0.00	0.00
WIN 1981	0.00	33.33	33.33	0.00	0.00	0.00	0.00
SPR 1982	0.00	33.33	33.33	0.00	0.00	0.00	0.00
SPR 2012	0.00	33.33	33.33	0.00	0.00	0.00	0.00
SUM 2012	0.00	33.33	33.33	0.00	0.00	0.00	0.00
WIN 2012	0.00	33.33	33.33	0.00	0.00	0.00	0.00
SPR 2013	0.00	33.33	33.33	0.00	0.00	0.00	0.00
SUM 2013	0.00	33.33	33.33	0.00	0.00	0.00	0.00
WIN 2013	0.00	33.33	33.33	0.00	0.00	0.00	0.00
SPR 2014	29.33	0.00	33.33	0.00	0.00	0.00	0.00
SUM 2014	29.33	0.00	33.33	0.00	0.00	0.00	0.00
WIN 2014	29.33	0.00	33.33	0.00	0.00	0.00	0.00
SPR 2015	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SUM 2015	33.33	0.00	33.33	0.00	0.00	0.00	0.00
WIN 2015	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SPR 2016	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SUM 2016	33.33	0.00	33.33	0.00	0.00	0.00	0.00
WIN 2016	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SPR 2017	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SUM 2017	33.33	0.00	33.33	0.00	0.00	0.00	0.00
WIN 2017	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SPR 2018	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SUM 2100	33.33	0.00	33.33	0.00	0.00	0.00	0.00
WIN 2100	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SPR 2101	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SUM 2101	33.33	0.00	33.33	0.00	0.00	0.00	0.00
WIN 2101	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SPR 2102	33.33	0.00	33.33	0.00	0.00	0.00	0.00
SUM 2102	33.33	0.00	33.33	0.00	0.00	0.00	0.00
WIN 2102	33.33	0.00	33.33	0.00	0.00	0.00	0.00

APPENDIX E

HEISE - SHELLEY TRANSIENT IMPACTS
(Idaho Water Company Off-Setting Transfers 35-2348, 35-7929)

HEISE - SHELLEY
Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change [af]	Change [% of historical]
SPR 2013	0.71	0.71	0.00	3.18	3.18	0.00	3.44	3.44	0.00	1.11	1.11	0.00	8.44	8.44	0.00	0.0%
SUM 2013	0.71	0.71	0.00	3.18	3.18	0.00	3.44	3.44	0.00	1.11	1.11	0.00	8.44	8.44	0.00	0.0%
WIN 2013	0.71	0.71	0.00	3.18	3.18	0.00	3.45	3.45	0.00	1.11	1.11	0.00	8.45	8.45	0.00	0.0%
SPR 2014	0.92	0.71	0.21	3.15	3.18	-0.03	3.40	3.45	-0.04	1.10	1.11	-0.01	8.58	8.45	0.13	1.5%
SUM 2014	1.22	0.71	0.50	3.08	3.18	-0.10	3.32	3.45	-0.13	1.09	1.11	-0.02	8.70	8.45	0.25	2.9%
WIN 2014	1.48	0.71	0.77	2.99	3.18	-0.19	3.21	3.45	-0.24	1.07	1.11	-0.04	8.75	8.45	0.30	3.4%
SPR 2015	1.68	0.71	0.97	2.91	3.18	-0.27	3.09	3.45	-0.36	1.05	1.11	-0.06	8.73	8.45	0.28	3.2%
SUM 2015	1.83	0.71	1.11	2.84	3.18	-0.34	2.97	3.45	-0.48	1.03	1.11	-0.08	8.67	8.46	0.21	2.4%
WIN 2015	1.93	0.71	1.21	2.78	3.18	-0.41	2.87	3.45	-0.58	1.01	1.11	-0.10	8.59	8.46	0.13	1.5%
SPR 2016	2.07	0.71	1.36	2.73	3.18	-0.45	2.78	3.45	-0.67	1.00	1.11	-0.12	8.57	8.46	0.11	1.3%
SUM 2016	2.22	0.71	1.51	2.69	3.18	-0.49	2.70	3.45	-0.75	0.98	1.11	-0.13	8.60	8.46	0.14	1.6%
WIN 2016	2.36	0.71	1.65	2.66	3.18	-0.52	2.63	3.45	-0.82	0.97	1.11	-0.14	8.62	8.46	0.16	1.9%
SPR 2017	2.47	0.71	1.75	2.64	3.18	-0.55	2.57	3.45	-0.88	0.96	1.11	-0.16	8.64	8.46	0.17	2.0%
SUM 2017	2.55	0.71	1.83	2.62	3.19	-0.56	2.52	3.45	-0.93	0.95	1.11	-0.17	8.64	8.47	0.17	2.0%
WIN 2017	2.61	0.71	1.89	2.61	3.19	-0.58	2.47	3.45	-0.98	0.94	1.11	-0.18	8.63	8.47	0.16	1.9%
SPR 2018	2.66	0.71	1.94	2.59	3.19	-0.59	2.43	3.45	-1.02	0.93	1.11	-0.18	8.61	8.47	0.14	1.7%
SUM 2018	2.69	0.71	1.98	2.58	3.19	-0.60	2.40	3.45	-1.06	0.92	1.11	-0.19	8.59	8.47	0.13	1.5%
WIN 2018	2.72	0.71	2.01	2.57	3.19	-0.61	2.36	3.45	-1.09	0.91	1.11	-0.20	8.57	8.47	0.10	1.2%
SPR 2019	2.75	0.71	2.03	2.56	3.19	-0.62	2.33	3.46	-1.12	0.91	1.11	-0.21	8.55	8.47	0.08	1.0%
SUM 2019	2.77	0.71	2.06	2.56	3.19	-0.63	2.31	3.46	-1.15	0.90	1.11	-0.21	8.53	8.47	0.06	0.7%
WIN 2019	2.79	0.71	2.07	2.55	3.19	-0.64	2.28	3.46	-1.17	0.89	1.11	-0.22	8.51	8.47	0.04	0.5%
SPR 2020	2.80	0.71	2.09	2.54	3.19	-0.65	2.26	3.46	-1.20	0.89	1.12	-0.23	8.49	8.47	0.02	0.2%
SUM 2020	2.82	0.71	2.10	2.54	3.19	-0.65	2.24	3.46	-1.22	0.88	1.12	-0.23	8.47	8.48	0.00	0.0%
WIN 2020	2.83	0.71	2.12	2.53	3.19	-0.66	2.22	3.46	-1.24	0.88	1.12	-0.24	8.46	8.48	-0.02	-0.2%
SPR 2021	2.84	0.71	2.13	2.52	3.19	-0.67	2.20	3.46	-1.25	0.87	1.12	-0.24	8.44	8.48	-0.04	-0.5%
SUM 2021	2.85	0.71	2.14	2.52	3.19	-0.68	2.19	3.46	-1.27	0.87	1.12	-0.25	8.42	8.48	-0.06	-0.7%
WIN 2021	2.86	0.71	2.15	2.51	3.19	-0.68	2.17	3.46	-1.29	0.86	1.12	-0.25	8.40	8.48	-0.08	-0.9%
SPR 2022	2.87	0.71	2.15	2.50	3.19	-0.69	2.16	3.46	-1.30	0.86	1.12	-0.26	8.39	8.48	-0.09	-1.1%
SUM 2022	2.88	0.71	2.16	2.50	3.19	-0.69	2.14	3.46	-1.32	0.85	1.12	-0.26	8.37	8.48	-0.11	-1.3%
WIN 2022	2.88	0.71	2.17	2.49	3.19	-0.70	2.13	3.46	-1.33	0.85	1.12	-0.27	8.36	8.48	-0.13	-1.5%
SPR 2023	2.89	0.71	2.17	2.49	3.19	-0.71	2.12	3.46	-1.34	0.85	1.12	-0.27	8.34	8.48	-0.14	-1.7%
SUM 2023	2.90	0.71	2.18	2.48	3.19	-0.71	2.11	3.46	-1.35	0.84	1.12	-0.27	8.33	8.48	-0.16	-1.9%
WIN 2023	2.90	0.71	2.19	2.48	3.19	-0.72	2.10	3.46	-1.36	0.84	1.12	-0.28	8.31	8.48	-0.17	-2.0%
SPR 2024	2.91	0.71	2.19	2.47	3.19	-0.72	2.09	3.46	-1.37	0.84	1.12	-0.28	8.30	8.49	-0.18	-2.2%
SUM 2024	2.91	0.71	2.20	2.47	3.19	-0.73	2.08	3.46	-1.38	0.83	1.12	-0.28	8.29	8.49	-0.20	-2.4%
WIN 2024	2.92	0.71	2.20	2.46	3.19	-0.73	2.07	3.46	-1.39	0.83	1.12	-0.29	8.28	8.49	-0.21	-2.5%
SPR 2025	2.92	0.71	2.21	2.46	3.19	-0.74	2.06	3.46	-1.40	0.83	1.12	-0.29	8.27	8.49	-0.22	-2.7%
SUM 2025	2.93	0.71	2.21	2.45	3.19	-0.74	2.05	3.46	-1.41	0.82	1.12	-0.29	8.25	8.49	-0.23	-2.8%
WIN 2025	2.93	0.71	2.21	2.45	3.19	-0.75	2.04	3.46	-1.42	0.82	1.12	-0.30	8.24	8.49	-0.24	-3.0%
SPR 2026	2.93	0.71	2.22	2.44	3.19	-0.75	2.04	3.46	-1.43	0.82	1.12	-0.30	8.23	8.49	-0.26	-3.1%
SUM 2026	2.94	0.71	2.22	2.44	3.19	-0.75	2.03	3.46	-1.43	0.82	1.12	-0.30	8.22	8.49	-0.27	-3.2%
WIN 2026	2.94	0.71	2.23	2.44	3.20	-0.76	2.02	3.46	-1.44	0.81	1.12	-0.30	8.21	8.49	-0.28	-3.4%
SPR 2027	2.94	0.72	2.23	2.43	3.20	-0.76	2.02	3.46	-1.45	0.81	1.12	-0.30	8.21	8.49	-0.29	-3.5%
SUM 2027	2.95	0.72	2.23	2.43	3.20	-0.77	2.01	3.46	-1.45	0.81	1.12	-0.31	8.20	8.49	-0.29	-3.6%
WIN 2027	2.95	0.72	2.24	2.43	3.20	-0.77	2.00	3.46	-1.46	0.81	1.12	-0.31	8.19	8.49	-0.30	-3.7%
SPR 2028	2.95	0.72	2.24	2.42	3.20	-0.77	2.00	3.46	-1.47	0.81	1.12	-0.31	8.18	8.49	-0.31	-3.8%
SUM 2028	2.96	0.72	2.24	2.42	3.20	-0.78	1.99	3.46	-1.47	0.80	1.12	-0.31	8.17	8.49	-0.32	-3.9%
WIN 2028	2.96	0.72	2.24	2.42	3.20	-0.78	1.99	3.46	-1.48	0.80	1.12	-0.32	8.17	8.49	-0.33	-4.0%
SPR 2029	2.96	0.72	2.25	2.41	3.20	-0.78	1.98	3.46	-1.48	0.80	1.12	-0.32	8.16	8.49	-0.34	-4.1%
SUM 2029	2.96	0.72	2.25	2.41	3.20	-0.79	1.98	3.46	-1.49	0.80	1.12	-0.32	8.15	8.49	-0.34	-4.2%
WIN 2029	2.97	0.72	2.25	2.41	3.20	-0.79	1.97	3.46	-1.49	0.80	1.12	-0.32	8.15	8.49	-0.35	-4.3%
SPR 2030	2.97	0.72	2.25	2.41	3.20	-0.79	1.97	3.47	-1.50	0.80	1.12	-0.32	8.14	8.50	-0.36	-4.4%
SUM 2030	2.97	0.72	2.26	2.40	3.20	-0.79	1.97	3.47	-1.50	0.79	1.12	-0.32	8.13	8.50	-0.36	-4.5%
WIN 2030	2.97	0.72	2.26	2.40	3.20	-0.80	1.96	3.47	-1.50	0.79	1.12	-0.33	8.13	8.50	-0.37	-4.5%
SPR 2031	2.97	0.72	2.26	2.40	3.20	-0.80	1.96	3.47	-1.51	0.79	1.12	-0.33	8.12	8.50	-0.37	-4.6%
SUM 2031	2.98	0.72	2.26	2.40	3.20	-0.80	1.95	3.47	-1.51	0.79	1.12	-0.33	8.12	8.50	-0.38	-4.7%
WIN 2031	2.98	0.72	2.26	2.40	3.20	-0.80	1.95	3.47	-1.52	0.79	1.12	-0.33	8.11	8.50	-0.38	-4.7%
SPR 2032	2.98	0.72	2.26	2.39	3.20	-0.80	1.95	3.47	-1.52	0.79	1.12	-0.33	8.11	8.50	-0.39	-4.8%
SUM 2032	2.98	0.72	2.27	2.39	3.20	-0.81	1.94	3.47	-1.52	0.79	1.12	-0.33	8.10	8.50	-0.39	-4.9%
WIN 2032	2.98	0.72	2.27	2.39	3.20	-0.81	1.94	3.47	-1.52	0.78	1.12	-0.33	8.10	8.50	-0.40	-4.9%
SPR 2033	2.98	0.72	2.27	2.39	3.20	-0.81	1.94	3.47	-1.53	0.78	1.12	-0.33	8.09	8.50	-0.40	-5.0%
SUM 2033	2.99	0.72	2.27	2.39	3.20	-0.81	1.94	3.47	-1.53	0.78	1.12	-0.34	8.09	8.50	-0.41	-5.0%
WIN 2033	2.99	0.72	2.27	2.38	3.20	-0.81	1.93	3.47	-1.53	0.78	1.12	-0.34	8.09	8.50	-0.41	-5.1%
SPR 2034	2.99	0.72	2.27	2.38	3.20	-0.82	1.93	3.47	-1.54	0.78	1.12	-0.34	8.08	8.50	-0.42	-5.2%
SUM 2034	2.99	0.72	2.27	2.38	3.20	-0.82	1.93	3.47	-1.54	0.78	1.12	-0.34	8.08	8.50	-0.42	-5.2%
WIN 2034	2.99	0.72	2.28	2.38	3.20	-0.82	1.93	3.47	-1.54	0.78	1.12	-0.34	8.08	8.50	-0.42	-5.2%
SPR 2035	2.99	0.72	2.28	2.38	3.20	-0.82	1.92	3.47	-1.54	0.78	1.12	-0.34	8.07	8.50	-0.43	-5.3%
SUM 2035	2.99	0.72	2.28	2.38	3.20	-0.82	1.92	3.47	-1.54	0.78	1.12	-0.34	8.07	8.50	-0.43	-5.3%
WIN 2035	2.99	0.72	2.28	2.38	3.20	-0.82	1.92	3.47	-1.55	0.78	1.12	-0.34	8.07	8.50	-0.43	-5.4%
SPR 2036	3.00	0.72	2.28	2.37	3.20	-0.82	1.92	3.47	-1.55	0.78	1.12	-0.34	8.06	8.50	-0.44	-5.4%
SUM 2036	3.00	0.72	2.28	2.37	3.20	-0.83	1.92	3.47	-1.55	0.77	1.12	-0.34	8.06	8.50	-0.44	-5.5%
WIN 2036	3.00	0.72	2.28	2.37	3.20	-0.83	1.92	3.47	-1.55	0.77	1.12	-0.34	8.06	8.50	-0.44	-5.5%
SPR 2037	3.00	0.72	2.28	2.37	3.20	-0.83	1.91	3.47	-1.55	0.77	1.12	-0.35	8.06	8.50	-0.45	-5.5%
SUM 2037	3.00	0.72	2.28	2.37	3.20	-0.83	1.91	3.47	-1.56	0.77	1.12	-0.35	8.05	8.50	-0.45	-5.6%
WIN 2037	3.00	0.72	2.28	2.37	3.20	-0.83	1.91	3.47	-1.56	0.77	1.12	-0.35	8.05	8.50	-0.45	-5.6%

79218

HEISE - SHELLEY TRANSIENT IMPACTS
(Idaho Water Company Off-Setting Transfers 35-2348, 35-7929)

Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change [af]	Change [% of historical]
SPR 2038	3.00	0.72	2.28	2.37	3.20	-0.83	1.91	3.47	-1.56	0.77	1.12	-0.35	8.05	8.50	-0.45	-5.6%
SUM 2038	3.00	0.72	2.29	2.37	3.20	-0.83	1.91	3.47	-1.56	0.77	1.12	-0.35	8.05	8.50	-0.46	-5.7%
WIN 2038	3.00	0.72	2.29	2.37	3.20	-0.83	1.91	3.47	-1.56	0.77	1.12	-0.35	8.05	8.50	-0.46	-5.7%
SPR 2039	3.00	0.72	2.29	2.37	3.20	-0.83	1.91	3.47	-1.56	0.77	1.12	-0.35	8.04	8.50	-0.46	-5.7%
SUM 2039	3.00	0.72	2.29	2.36	3.20	-0.84	1.91	3.47	-1.56	0.77	1.12	-0.35	8.04	8.50	-0.46	-5.7%
WIN 2039	3.00	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.56	0.77	1.12	-0.35	8.04	8.50	-0.46	-5.8%
SPR 2040	3.00	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.77	1.12	-0.35	8.04	8.50	-0.47	-5.8%
SUM 2040	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.77	1.12	-0.35	8.04	8.50	-0.47	-5.8%
WIN 2040	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.77	1.12	-0.35	8.04	8.50	-0.47	-5.8%
SPR 2041	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.77	1.12	-0.35	8.03	8.50	-0.47	-5.9%
SUM 2041	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.77	1.12	-0.35	8.03	8.50	-0.47	-5.9%
WIN 2041	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.77	1.12	-0.35	8.03	8.51	-0.47	-5.9%
SPR 2042	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.77	1.12	-0.35	8.03	8.51	-0.47	-5.9%
SUM 2042	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.76	1.12	-0.35	8.03	8.51	-0.48	-5.9%
WIN 2042	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.76	1.12	-0.35	8.03	8.51	-0.48	-6.0%
SPR 2043	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.76	1.12	-0.36	8.03	8.51	-0.48	-6.0%
SUM 2043	3.01	0.72	2.29	2.36	3.20	-0.84	1.90	3.47	-1.57	0.76	1.12	-0.36	8.03	8.51	-0.48	-6.0%
WIN 2043	3.01	0.72	2.29	2.36	3.20	-0.85	1.90	3.47	-1.57	0.76	1.12	-0.36	8.02	8.51	-0.48	-6.0%
SPR 2044	3.01	0.72	2.29	2.36	3.20	-0.85	1.89	3.47	-1.57	0.76	1.12	-0.36	8.02	8.51	-0.48	-6.0%
SUM 2044	3.01	0.72	2.29	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.48	-6.0%
WIN 2044	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.48	-6.0%
SPR 2045	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
SUM 2045	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
WIN 2045	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
SPR 2046	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
SUM 2046	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
WIN 2046	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
SPR 2047	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
SUM 2047	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
WIN 2047	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
SPR 2048	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.02	8.51	-0.49	-6.1%
SUM 2048	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.49	-6.2%
WIN 2048	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.49	-6.2%
SPR 2049	3.01	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.49	-6.2%
SUM 2049	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
WIN 2049	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SPR 2050	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SUM 2050	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
WIN 2050	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SPR 2051	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SUM 2051	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
WIN 2051	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SPR 2052	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SUM 2052	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
WIN 2052	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SPR 2053	3.02	0.72	2.30	2.35	3.20	-0.85	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.2%
SUM 2053	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
WIN 2053	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SPR 2054	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SUM 2054	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
WIN 2054	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SPR 2055	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SUM 2055	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
WIN 2055	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SPR 2056	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SUM 2056	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
WIN 2056	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SPR 2057	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SUM 2057	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
WIN 2057	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SPR 2058	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SUM 2058	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.58	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
WIN 2058	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SPR 2059	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
SUM 2059	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.50	-6.3%
WIN 2059	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SPR 2060	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SUM 2060	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
WIN 2060	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SPR 2061	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SUM 2061	3.02	0.72	2.30	2.35	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
WIN 2061	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SPR 2062	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SUM 2062	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
WIN 2062	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SPR 2063	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%

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HEISE - SHELLEY TRANSIENT IMPACTS

(Idaho Water Company Off-Setting Transfers 35-2348, 35-7929)

Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change [af]	Change [% of historical]
SUM 2063	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
WIN 2063	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SPR 2064	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SUM 2064	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
WIN 2064	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SPR 2065	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.36	8.01	8.51	-0.51	-6.3%
SUM 2065	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2065	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2066	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2066	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.76	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2066	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2067	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2067	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2067	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2068	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2068	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2068	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2069	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2069	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2069	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2070	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2070	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2070	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2071	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2071	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2071	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2072	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2072	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2072	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2073	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2073	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2073	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2074	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2074	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2074	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2075	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SUM 2075	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
WIN 2075	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.3%
SPR 2076	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.4%
SUM 2076	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.4%
WIN 2076	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.51	-0.51	-6.4%
SPR 2077	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2077	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2077	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2078	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2078	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2078	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2079	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2079	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2079	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2080	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2080	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2080	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2081	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2081	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2081	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2082	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2082	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2082	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2083	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2083	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2083	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2084	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2084	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2084	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2085	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2085	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2085	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2086	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2086	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2086	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2087	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2087	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2087	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2088	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2088	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%

HEISE - SHELLEY TRANSIENT IMPACTS
(Idaho Water Company Off-Setting Transfers 35-2348, 35-7929)

Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change [af]	Change [% of historical]
WIN 2088	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2089	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2089	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.59	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2089	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2090	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2090	3.02	0.72	2.30	2.34	3.20	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2090	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2091	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2091	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2091	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2092	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2092	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2092	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2093	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2093	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2093	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2094	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2094	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2094	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2095	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2095	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2095	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2096	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2096	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2096	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2097	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2097	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2097	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2098	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2098	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2098	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2099	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2099	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2099	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2100	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2100	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2100	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2101	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2101	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2101	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SPR 2102	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
SUM 2102	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%
WIN 2102	3.02	0.72	2.30	2.34	3.21	-0.86	1.89	3.47	-1.58	0.75	1.12	-0.37	8.01	8.52	-0.51	-6.4%

SHELLEY - NEAR BLACKFOOT

Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfers	Without Transfers	Change [af]	Change [% of historical]
WIN 2011	5.53	5.53	0.00	24.72	24.72	0.00	26.79	26.79	0.00	8.64	8.64	0.00	65.68	65.68	0.00	0.0%
SPR 2012	5.53	5.53	0.00	24.72	24.72	0.00	26.79	26.79	0.00	8.64	8.64	0.00	65.68	65.68	0.00	0.0%
SUM 2012	5.53	5.53	0.00	24.72	24.72	0.00	26.79	26.79	0.00	8.64	8.64	0.00	65.69	65.69	0.00	0.0%
WIN 2012	5.53	5.53	0.00	24.72	24.72	0.00	26.80	26.80	0.00	8.64	8.64	0.00	65.69	65.69	0.00	0.0%
SPR 2013	5.53	5.53	0.00	24.72	24.72	0.00	26.80	26.80	0.00	8.64	8.64	0.00	65.70	65.70	0.00	0.0%
SUM 2013	5.53	5.53	0.00	24.72	24.72	0.00	26.80	26.80	0.00	8.64	8.64	0.00	65.70	65.70	0.00	0.0%
WIN 2013	5.53	5.53	0.00	24.73	24.73	0.00	26.80	26.80	0.00	8.65	8.65	0.00	65.70	65.70	0.00	0.0%
SPR 2014	5.29	5.53	-0.24	21.41	24.73	-3.32	22.06	26.80	-4.74	17.19	8.65	**8.55**	65.96	65.71	0.25	**0.4%**
SUM 2014	5.36	5.53	-0.18	20.47	24.73	-4.26	19.94	26.80	-6.86	18.36	8.65	**9.71**	64.13	65.71	-1.58	-2.5%
WIN 2014	5.46	5.53	-0.08	20.38	24.73	-4.35	18.90	26.81	-7.90	18.53	8.65	**9.89**	63.27	65.72	-2.45	-3.9%
SPR 2015	5.54	5.53	0.00	20.55	24.73	-4.18	18.27	26.81	-8.54	19.98	8.65	**11.33**	64.34	65.72	-1.38	-2.2%
SUM 2015	5.60	5.53	0.06	20.80	24.73	-3.93	17.82	26.81	-8.98	20.26	8.65	**11.61**	64.48	65.72	-1.24	-1.9%
WIN 2015	5.64	5.53	0.11	21.06	24.73	-3.68	17.47	26.81	-9.34	20.33	8.65	**11.68**	64.50	65.73	-1.22	-1.9%
SPR 2016	6.04	5.54	0.51	21.28	24.73	-3.46	17.19	26.81	-9.62	20.35	8.65	**11.70**	64.86	65.73	-0.87	-1.3%
SUM 2016	6.37	5.54	0.83	21.47	24.74	-3.27	16.95	26.81	-9.86	20.33	8.65	**11.68**	65.12	65.73	-0.61	-0.9%
WIN 2016	6.61	5.54	1.07	21.62	24.74	-3.12	16.75	26.81	-10.06	20.31	8.65	**11.66**	65.28	65.74	-0.45	-0.7%
SPR 2017	6.78	5.54	1.25	21.73	24.74	-3.00	16.58	26.81	-10.23	20.28	8.65	**11.63**	65.38	65.74	-0.36	-0.5%
SUM 2017	6.92	5.54	1.38	21.82	24.74	-2.92	16.44	26.82	-10.38	20.25	8.65	**11.60**	65.43	65.74	-0.31	-0.5%
WIN 2017	7.03	5.54	1.49	21.89	24.74	-2.85	16.31	26.82	-10.50	20.22	8.65	**11.57**	65.45	65.74	-0.30	-0.5%
SPR 2018	7.11	5.54	1.58	21.93	24.74	-2.81	16.21	26.82	-10.61	20.19	8.65	**11.54**	65.45	65.75	-0.30	-0.5%
SUM 2018	7.19	5.54	1.65	21.97	24.74	-2.78	16.11	26.82	-10.70	20.16	8.65	**11.51**	65.43	65.75	-0.32	-0.5%
WIN 2018	7.25	5.54	1.71	21.99	24.74	-2.76	16.04	26.82	-10.78	20.14	8.65	**11.48**	65.41	65.75	-0.34	-0.5%
SPR 2019	7.30	5.54	1.77	22.00	24.74	-2.75	15.97	26.82	-10.85	20.11	8.65	**11.46**	65.38	65.75	-0.37	-0.6%
SUM 2019	7.35	5.54	1.81	22.00	24.75	-2.74	15.91	26.82	-10.91	20.09	8.65	**11.43**	65.35	65.76	-0.41	-0.6%
WIN 2019	7.39	5.54	1.85	22.01	24.75	-2.74	15.86	26.82	-10.96	20.07	8.65	**11.41**	65.32	65.76	-0.44	-0.7%
SPR 2020	7.42	5.54	1.88	22.00	24.75	-2.74	15.81	26.82	-11.01	20.05	8.65	**11.39**	65.28	65.76	-0.48	-0.7%
SUM 2020	7.45	5.54	1.91	22.00	24.75	-2.75	15.77	26.82	-11.05	20.03	8.65	**11.37**	65.25	65.76	-0.51	-0.8%
WIN 2020	7.48	5.54	1.94	21.99	24.75	-2.76	15.74	26.83	-11.08	20.01	8.65	**11.36**	65.22	65.77	-0.55	-0.8%
SPR 2021	7.50	5.54	1.96	21.98	24.75	-2.77	15.71	26.83	-11.12	19.99	8.65	**11.34**	65.19	65.77	-0.58	-0.9%
SUM 2021	7.52	5.54	1.99	21.97	24.75	-2.78	15.69	26.83	-11.14	19.98	8.65	**11.33**	65.16	65.77	-0.61	-0.9%
WIN 2021	7.54	5.54	**2.00**	21.96	24.75	-2.79	15.66	26.83	-11.17	19.97	8.65	**11.31**	65.13	65.77	-0.64	-1.0%
SPR 2022	7.56	5.54	**2.02**	21.95	24.75	-2.80	15.64	26.83	-11.19	19.95	8.65	**11.30**	65.11	65.77	-0.66	-1.0%
SUM 2022	7.57	5.54	**2.04**	21.94	24.75	-2.81	15.62	26.83	-11.20	19.94	8.65	**11.29**	65.08	65.78	-0.69	-1.1%
WIN 2022	7.59	5.54	**2.05**	21.94	24.75	-2.82	15.61	26.83	-11.22	19.93	8.65	**11.27**	65.06	65.78	-0.71	-1.1%
SPR 2023	7.60	5.54	**2.06**	21.93	24.75	-2.83	15.60	26.83	-11.23	19.92	8.66	**11.26**	65.04	65.78	-0.74	-1.1%
SUM 2023	7.61	5.54	**2.07**	21.92	24.75	-2.84	15.58	26.83	-11.25	19.91	8.66	**11.25**	65.02	65.78	-0.76	-1.2%
WIN 2023	7.62	5.54	**2.08**	21.91	24.75	-2.85	15.57	26.83	-11.26	19.90	8.66	**11.24**	65.00	65.78	-0.78	-1.2%
SPR 2024	7.63	5.54	**2.09**	21.90	24.76	-2.86	15.56	26.83	-11.27	19.89	8.66	**11.24**	64.99	65.78	-0.80	-1.2%
SUM 2024	7.64	5.54	**2.10**	21.89	24.76	-2.87	15.56	26.83	-11.28	19.88	8.66	**11.23**	64.97	65.79	-0.82	-1.3%
WIN 2024	7.65	5.54	**2.11**	21.88	24.76	-2.88	15.55	26.83	-11.29	19.88	8.66	**11.22**	64.95	65.79	-0.83	-1.3%
SPR 2025	7.66	5.54	**2.12**	21.87	24.76	-2.88	15.54	26.83	-11.29	19.87	8.66	**11.21**	64.94	65.79	-0.85	-1.3%
SUM 2025	7.66	5.54	**2.12**	21.87	24.76	-2.89	15.54	26.84	-11.30	19.86	8.66	**11.20**	64.93	65.79	-0.86	-1.3%
WIN 2025	7.67	5.54	**2.13**	21.86	24.76	-2.90	15.53	26.84	-11.30	19.85	8.66	**11.20**	64.92	65.79	-0.88	-1.3%
SPR 2026	7.68	5.54	**2.14**	21.85	24.76	-2.91	15.53	26.84	-11.31	19.85	8.66	**11.19**	64.90	65.79	-0.89	-1.4%
SUM 2026	7.68	5.54	**2.14**	21.84	24.76	-2.91	15.52	26.84	-11.31	19.84	8.66	**11.19**	64.89	65.79	-0.90	-1.4%
WIN 2026	7.69	5.54	**2.15**	21.84	24.76	-2.92	15.52	26.84	-11.32	19.84	8.66	**11.18**	64.88	65.79	-0.91	-1.4%
SPR 2027	7.69	5.54	**2.15**	21.83	24.76	-2.93	15.52	26.84	-11.32	19.83	8.66	**11.17**	64.87	65.80	-0.92	-1.4%
SUM 2027	7.70	5.54	**2.15**	21.83	24.76	-2.93	15.52	26.84	-11.32	19.83	8.66	**11.17**	64.87	65.80	-0.93	-1.4%
WIN 2027	7.70	5.54	**2.16**	21.82	24.76	-2.94	15.51	26.84	-11.32	19.82	8.66	**11.16**	64.86	65.80	-0.94	-1.5%
SPR 2028	7.70	5.54	**2.16**	21.82	24.76	-2.95	15.51	26.84	-11.33	19.82	8.66	**11.16**	64.85	65.80	-0.95	-1.5%
SUM 2028	7.71	5.54	**2.17**	21.81	24.76	-2.95	15.51	26.84	-11.33	19.81	8.66	**11.16**	64.84	65.80	-0.96	-1.5%
WIN 2028	7.71	5.54	**2.17**	21.81	24.76	-2.96	15.51	26.84	-11.33	19.81	8.66	**11.15**	64.84	65.80	-0.97	-1.5%
SPR 2029	7.71	5.54	**2.17**	21.80	24.76	-2.96	15.51	26.84	-11.33	19.81	8.66	**11.15**	64.83	65.80	-0.97	-1.5%
SUM 2029	7.72	5.54	**2.18**	21.80	24.76	-2.97	15.51	26.84	-11.33	19.80	8.66	**11.14**	64.82	65.80	-0.98	-1.5%
WIN 2029	7.72	5.54	**2.18**	21.79	24.76	-2.97	15.51	26.84	-11.33	19.80	8.66	**11.14**	64.82	65.81	-0.99	-1.5%
SPR 2030	7.72	5.54	**2.18**	21.79	24.76	-2.98	15.51	26.84	-11.33	19.80	8.66	**11.14**	64.81	65.81	-0.99	-1.5%
SUM 2030	7.73	5.54	**2.18**	21.78	24.76	-2.98	15.51	26.84	-11.33	19.79	8.66	**11.13**	64.81	65.81	-1.00	-1.5%
WIN 2030	7.73	5.54	**2.19**	21.78	24.76	-2.98	15.51	26.84	-11.33	19.79	8.66	**11.13**	64.80	65.81	-1.00	-1.5%
SPR 2031	7.73	5.54	**2.19**	21.78	24.77	-2.99	15.51	26.84	-11.33	19.79	8.66	**11.13**	64.80	65.81	-1.01	-1.6%
SUM 2031	7.73	5.54	**2.19**	21.77	24.77	-2.99	15.51	26.84	-11.34	19.78	8.66	**11.12**	64.80	65.81	-1.01	-1.6%
WIN 2031	7.74	5.54	**2.19**	21.77	24.77	-3.00	15.51	26.84	-11.34	19.78	8.66	**11.12**	64.79	65.81	-1.02	-1.6%
SPR 2032	7.74	5.54	**2.20**	21.77	24.77	-3.00	15.51	26.84	-11.33	19.78	8.66	**11.12**	64.79	65.81	-1.02	-1.6%
SUM 2032	7.74	5.54	**2.20**	21.76	24.77	-3.00	15.51	26.84	-11.33	19.78	8.66	**11.12**	64.79	65.81	-1.03	-1.6%
WIN 2032	7.74	5.54	**2.20**	21.76	24.77	-3.01	15.51	26.85	-11.33	19.77	8.66	**11.11**	64.78	65.81	-1.03	-1.6%
SPR 2033	7.74	5.54	**2.20**	21.76	24.77	-3.01	15.51	26.85	-11.33	19.77	8.66	**11.11**	64.78	65.81	-1.03	-1.6%
SUM 2033	7.74	5.54	**2.20**	21.75	24.77	-3.01	15.51	26.85	-11.33	19.77	8.66	**11.11**	64.78	65.82	-1.04	-1.6%
WIN 2033	7.75	5.54	**2.20**	21.75	24.77	-3.02	15.51	26.85	-11.33	19.77	8.66	**11.11**	64.78	65.82	-1.04	-1.6%
SPR 2034	7.75	5.54	**2.20**	21.75	24.77	-3.02	15.51	26.85	-11.33	19.76	8.66	**11.10**	64.77	65.82	-1.04	-1.6%
SUM 2034	7.75	5.54	**2.21**	21.75	24.77	-3.02	15.51	26.85	-11.33	19.76	8.66	**11.10**	64.77	65.82	-1.04	-1.6%
WIN 2034	7.75	5.54	**2.21**	21.75	24.77	-3.02	15.52	26.85	-11.33	19.76	8.66	**11.10**	64.77	65.82	-1.05	-1.6%
SPR 2035	7.75	5.54	**2.21**	21.74	24.77	-3.03	15.52	26.85	-11.33	19.76	8.66	**11.10**	64.77	65.82	-1.05	-1.6%
SUM 2035	7.75	5.54	**2.21**	21.74	24.77	-3.03	15.52	26.85	-11.33	19.76	8.66	**11.10**	64.77	65.82	-1.05	-1.6%
WIN 2035	7.75	5.54	**2.21**	21.74	24.77	-3.03	15.52	26.85	-11.33	19.76	8.66	**11.09**	64.77	65.82	-1.05	-1.6%
SPR 2036	7.76	5.54	**2.21**	21.74	24.77	-3.03	15.52	26.85	-11.33	19.75	8.66	**11.09**	64.76	65.82	-1.06	-1.6%

70910

SHELLEY - NEAR BLACKFOOT

Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfers	Without Transfers	Change [af]	Change [% of historical]
SUM 2036	7.76	5.54	2.21	21.74	24.77	-3.03	15.52	26.85	-11.33	19.75	8.66	11.09	64.76	65.82	-1.06	-1.6%
WIN 2036	7.76	5.54	2.21	21.73	24.77	-3.04	15.52	26.85	-11.33	19.75	8.66	11.09	64.76	65.82	-1.06	-1.6%
SPR 2037	7.76	5.54	2.22	21.73	24.77	-3.04	15.52	26.85	-11.33	19.75	8.66	11.09	64.76	65.82	-1.06	-1.6%
SUM 2037	7.76	5.54	2.22	21.73	24.77	-3.04	15.52	26.85	-11.33	19.75	8.66	11.09	64.76	65.82	-1.06	-1.6%
WIN 2037	7.76	5.54	2.22	21.73	24.77	-3.04	15.52	26.85	-11.33	19.75	8.66	11.09	64.76	65.82	-1.07	-1.6%
SPR 2038	7.76	5.54	2.22	21.73	24.77	-3.04	15.53	26.85	-11.32	19.75	8.66	11.08	64.76	65.83	-1.07	-1.6%
SUM 2038	7.76	5.54	2.22	21.73	24.77	-3.05	15.53	26.85	-11.32	19.74	8.66	11.08	64.76	65.83	-1.07	-1.6%
WIN 2038	7.76	5.54	2.22	21.72	24.77	-3.05	15.53	26.85	-11.32	19.74	8.66	11.08	64.76	65.83	-1.07	-1.7%
SPR 2039	7.76	5.54	2.22	21.72	24.77	-3.05	15.53	26.85	-11.32	19.74	8.66	11.08	64.76	65.83	-1.07	-1.7%
SUM 2039	7.76	5.54	2.22	21.72	24.77	-3.05	15.53	26.85	-11.32	19.74	8.66	11.08	64.76	65.83	-1.07	-1.7%
WIN 2039	7.76	5.54	2.22	21.72	24.77	-3.05	15.53	26.85	-11.32	19.74	8.66	11.08	64.76	65.83	-1.07	-1.7%
SPR 2040	7.77	5.54	2.22	21.72	24.77	-3.05	15.53	26.85	-11.32	19.74	8.66	11.08	64.76	65.83	-1.07	-1.7%
SUM 2040	7.77	5.54	2.22	21.72	24.77	-3.05	15.53	26.85	-11.32	19.74	8.66	11.08	64.75	65.83	-1.07	-1.7%
WIN 2040	7.77	5.54	2.22	21.72	24.77	-3.06	15.53	26.85	-11.32	19.74	8.66	11.08	64.75	65.83	-1.08	-1.7%
SPR 2041	7.77	5.54	2.22	21.72	24.77	-3.06	15.53	26.85	-11.32	19.74	8.66	11.07	64.75	65.83	-1.08	-1.7%
SUM 2041	7.77	5.54	2.22	21.72	24.77	-3.06	15.54	26.85	-11.32	19.74	8.66	11.07	64.75	65.83	-1.08	-1.7%
WIN 2041	7.77	5.54	2.22	21.71	24.77	-3.06	15.54	26.85	-11.32	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
SPR 2042	7.77	5.54	2.22	21.71	24.77	-3.06	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
SUM 2042	7.77	5.54	2.23	21.71	24.77	-3.06	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
WIN 2042	7.77	5.54	2.23	21.71	24.77	-3.06	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
SPR 2043	7.77	5.54	2.23	21.71	24.77	-3.06	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
SUM 2043	7.77	5.54	2.23	21.71	24.77	-3.06	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
WIN 2043	7.77	5.54	2.23	21.71	24.77	-3.07	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
SPR 2044	7.77	5.54	2.23	21.71	24.77	-3.07	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.83	-1.08	-1.7%
SUM 2044	7.77	5.54	2.23	21.71	24.77	-3.07	15.54	26.85	-11.31	19.73	8.66	11.07	64.75	65.84	-1.08	-1.7%
WIN 2044	7.77	5.54	2.23	21.71	24.77	-3.07	15.55	26.85	-11.31	19.73	8.66	11.07	64.75	65.84	-1.08	-1.7%
SPR 2045	7.77	5.54	2.23	21.71	24.78	-3.07	15.55	26.85	-11.31	19.73	8.66	11.07	64.75	65.84	-1.08	-1.7%
SUM 2045	7.77	5.54	2.23	21.71	24.78	-3.07	15.55	26.85	-11.31	19.73	8.66	11.06	64.75	65.84	-1.08	-1.7%
WIN 2045	7.77	5.54	2.23	21.71	24.78	-3.07	15.55	26.85	-11.31	19.73	8.66	11.06	64.75	65.84	-1.08	-1.7%
SPR 2046	7.77	5.54	2.23	21.70	24.78	-3.07	15.55	26.85	-11.31	19.73	8.66	11.06	64.75	65.84	-1.08	-1.7%
SUM 2046	7.77	5.54	2.23	21.70	24.78	-3.07	15.55	26.85	-11.31	19.73	8.66	11.06	64.75	65.84	-1.08	-1.7%
WIN 2046	7.77	5.54	2.23	21.70	24.78	-3.07	15.55	26.86	-11.30	19.73	8.66	11.06	64.75	65.84	-1.08	-1.7%
SPR 2047	7.77	5.54	2.23	21.70	24.78	-3.07	15.55	26.86	-11.30	19.73	8.66	11.06	64.75	65.84	-1.08	-1.7%
SUM 2047	7.77	5.54	2.23	21.70	24.78	-3.07	15.55	26.86	-11.30	19.72	8.66	11.06	64.75	65.84	-1.08	-1.7%
WIN 2047	7.77	5.54	2.23	21.70	24.78	-3.07	15.55	26.86	-11.30	19.72	8.66	11.06	64.75	65.84	-1.08	-1.7%
SPR 2048	7.78	5.54	2.23	21.70	24.78	-3.07	15.55	26.86	-11.30	19.72	8.66	11.06	64.75	65.84	-1.09	-1.7%
SUM 2048	7.78	5.54	2.23	21.70	24.78	-3.08	15.55	26.86	-11.30	19.72	8.66	11.06	64.75	65.84	-1.09	-1.7%
WIN 2048	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SPR 2049	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SUM 2049	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
WIN 2049	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SPR 2050	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SUM 2050	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
WIN 2050	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SPR 2051	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SUM 2051	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
WIN 2051	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.30	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SPR 2052	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.29	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SUM 2052	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.29	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
WIN 2052	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.29	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SPR 2053	7.78	5.54	2.23	21.70	24.78	-3.08	15.56	26.86	-11.29	19.72	8.66	11.06	64.76	65.84	-1.09	-1.7%
SUM 2053	7.78	5.54	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.06	64.76	65.85	-1.09	-1.7%
WIN 2053	7.78	5.54	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SPR 2054	7.78	5.54	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SUM 2054	7.78	5.54	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
WIN 2054	7.78	5.54	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SPR 2055	7.78	5.54	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SUM 2055	7.78	5.55	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
WIN 2055	7.78	5.55	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SPR 2056	7.78	5.55	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SUM 2056	7.78	5.55	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
WIN 2056	7.78	5.55	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SPR 2057	7.78	5.55	2.23	21.70	24.78	-3.08	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SUM 2057	7.78	5.55	2.23	21.69	24.78	-3.09	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
WIN 2057	7.78	5.55	2.23	21.69	24.78	-3.09	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SPR 2058	7.78	5.55	2.23	21.69	24.78	-3.09	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SUM 2058	7.78	5.55	2.23	21.69	24.78	-3.09	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
WIN 2058	7.78	5.55	2.23	21.69	24.78	-3.09	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SPR 2059	7.78	5.55	2.23	21.69	24.78	-3.09	15.57	26.86	-11.29	19.72	8.66	11.05	64.76	65.85	-1.09	-1.7%
SUM 2059	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.09	-1.7%
WIN 2059	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.09	-1.7%
SPR 2060	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.09	-1.7%
SUM 2060	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.09	-1.7%
WIN 2060	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.08	-1.7%

SHELLEY - NEAR BLACKFOOT

Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet.

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfers	Without Transfers	Change [af]	Change [% of historical]
SPR 2061	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.08	-1.7%
SUM 2061	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.08	-1.7%
WIN 2061	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.72	8.66	11.05	64.77	65.85	-1.08	-1.7%
SPR 2062	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.66	11.05	64.77	65.85	-1.08	-1.7%
SUM 2062	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.66	11.05	64.77	65.85	-1.08	-1.7%
WIN 2062	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.66	11.05	64.77	65.85	-1.08	-1.7%
SPR 2063	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.66	11.05	64.77	65.85	-1.08	-1.7%
SUM 2063	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.66	11.05	64.77	65.85	-1.08	-1.7%
WIN 2063	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.66	11.05	64.77	65.85	-1.08	-1.7%
SPR 2064	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.66	11.05	64.77	65.85	-1.08	-1.7%
SUM 2064	7.78	5.55	2.23	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.85	-1.08	-1.7%
WIN 2064	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.85	-1.08	-1.7%
SPR 2065	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.85	-1.08	-1.7%
SUM 2065	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.85	-1.08	-1.7%
WIN 2065	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.85	-1.08	-1.7%
SPR 2066	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
SUM 2066	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
WIN 2066	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
SPR 2067	7.78	5.55	2.24	21.69	24.78	-3.09	15.58	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
SUM 2067	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
WIN 2067	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
SPR 2068	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
SUM 2068	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
WIN 2068	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
SPR 2069	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
SUM 2069	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.77	65.86	-1.08	-1.7%
WIN 2069	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.28	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2070	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2070	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2070	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2071	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2071	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2071	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2072	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2072	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2072	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2073	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2073	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2073	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2074	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2074	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2074	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2075	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2075	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2075	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2076	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2076	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2076	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2077	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2077	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2077	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2078	7.78	5.55	2.24	21.69	24.78	-3.09	15.59	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2078	7.78	5.55	2.24	21.69	24.78	-3.09	15.60	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2078	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2079	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.86	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2079	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2079	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2080	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2080	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2080	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2081	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SUM 2081	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
WIN 2081	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.78	65.86	-1.08	-1.7%
SPR 2082	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.86	-1.08	-1.7%
SUM 2082	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.86	-1.08	-1.7%
WIN 2082	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.86	-1.08	-1.7%
SPR 2083	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.86	-1.08	-1.7%
SUM 2083	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.86	-1.08	-1.7%
WIN 2083	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.86	-1.08	-1.7%
SPR 2084	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.86	-1.08	-1.7%
SUM 2084	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2084	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2085	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2085	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%

SHELLEY - NEAR BLACKFOOT

Impacts of transfers (Values are [acre-ft per trimester] determined from ESPA Transfer Spreadsheet

	City of Ammon			City of Chubbuck			County Line Farms			City of Blackfoot			Combined Transfers 1-4			
	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfer	Without Transfer	Change	With Transfers	Without Transfers	Change [af]	Change [% of historical]
WIN 2085	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2086	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2086	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2086	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2087	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2087	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2087	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2088	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2088	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2088	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.27	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2089	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2089	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2089	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2090	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2090	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2090	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2091	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2091	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2091	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2092	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2092	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2092	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SPR 2093	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
SUM 2093	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.05	64.79	65.87	-1.08	-1.7%
WIN 2093	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SPR 2094	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SUM 2094	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
WIN 2094	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SPR 2095	7.78	5.55	2.24	21.69	24.79	-3.09	15.60	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SUM 2095	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
WIN 2095	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SPR 2096	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SUM 2096	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
WIN 2096	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SPR 2097	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SUM 2097	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
WIN 2097	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SPR 2098	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
SUM 2098	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.79	65.87	-1.08	-1.7%
WIN 2098	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SPR 2099	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SUM 2099	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
WIN 2099	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SPR 2100	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SUM 2100	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
WIN 2100	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SPR 2101	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SUM 2101	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
WIN 2101	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SPR 2102	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
SUM 2102	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.08	-1.7%
WIN 2102	7.78	5.55	2.24	21.69	24.79	-3.09	15.61	26.87	-11.26	19.71	8.67	11.04	64.80	65.87	-1.07	-1.7%

	CHANGE IN IMPACTS DUE TO TRANSFERS [ACRE_FT/TRIMESTER]				
	Transfer to City of Ammon	Transfer to City of Chubbuck	Transfer to County Line Farm	Transfer to City of Blackfoot	Mitigation Deficit
WIN 2011	0.00	0.00	0.00	0.00	0.00
SPR 2012	0.00	0.00	0.00	0.00	0.00
SUM 2012	0.00	0.00	0.00	0.00	0.00
WIN 2012	0.00	0.00	0.00	0.00	0.00
SPR 2013	0.00	0.00	0.00	0.00	0.00
SUM 2013	0.00	0.00	0.00	0.00	0.00
WIN 2013	0.00	0.00	0.00	0.00	0.00
SPR 2014	-3.54	-3.18	1.52	-4.04	-9.24
SUM 2014	-5.39	-2.29	3.92	-6.01	-9.78
WIN 2014	-6.31	-0.72	5.33	-7.07	-8.76
SPR 2015	-6.77	0.78	6.07	-7.47	-7.39
SUM 2015	-7.01	2.04	6.42	-7.70	-6.25
WIN 2015	-7.14	3.04	6.55	-7.87	-5.42
SPR 2016	-7.12	3.81	6.57	-8.02	-4.75
SUM 2016	-7.00	4.39	6.54	-8.14	-4.21
WIN 2016	-6.85	4.82	6.47	-8.25	-3.81
SPR 2017	-6.70	5.14	6.40	-8.35	-3.51
SUM 2017	-6.55	5.37	6.33	-8.43	-3.29
WIN 2017	-6.42	5.53	6.26	-8.51	-3.15
SPR 2018	-6.30	5.64	6.19	-8.58	-3.05
SUM 2018	-6.20	5.71	6.14	-8.65	-2.99
WIN 2018	-6.11	5.76	6.10	-8.71	-2.96
SPR 2019	-6.03	5.79	6.06	-8.76	-2.94
SUM 2019	-5.96	5.81	6.03	-8.81	-2.94
WIN 2019	-5.90	5.81	6.00	-8.86	-2.94
SPR 2020	-5.85	5.80	5.98	-8.90	-2.95
SUM 2020	-5.80	5.80	5.97	-8.94	-2.97
WIN 2020	-5.76	5.78	5.96	-8.97	-2.99
SPR 2021	-5.72	5.77	5.95	-9.01	-3.00
SUM 2021	-5.68	5.75	5.95	-9.04	-3.02
WIN 2021	-5.65	5.73	5.95	-9.07	-3.04
SPR 2022	-5.63	5.71	5.95	-9.10	-3.06
SUM 2022	-5.60	5.69	5.96	-9.12	-3.07
WIN 2022	-5.58	5.67	5.96	-9.14	-3.09
SPR 2023	-5.56	5.65	5.97	-9.17	-3.10
SUM 2023	-5.54	5.63	5.98	-9.19	-3.12
WIN 2023	-5.52	5.62	5.98	-9.21	-3.13
SPR 2024	-5.51	5.60	5.99	-9.23	-3.14
SUM 2024	-5.49	5.58	6.00	-9.24	-3.15
WIN 2024	-5.48	5.56	6.01	-9.26	-3.16
SPR 2025	-5.47	5.55	6.03	-9.28	-3.17
SUM 2025	-5.46	5.53	6.04	-9.29	-3.18
WIN 2025	-5.45	5.52	6.05	-9.31	-3.19
SPR 2026	-5.44	5.50	6.06	-9.32	-3.20
SUM 2026	-5.43	5.49	6.07	-9.33	-3.20
WIN 2026	-5.42	5.48	6.08	-9.35	-3.21
SPR 2027	-5.41	5.46	6.10	-9.36	-3.21
SUM 2027	-5.41	5.45	6.11	-9.37	-3.22
WIN 2027	-5.40	5.44	6.12	-9.38	-3.22
SPR 2028	-5.39	5.43	6.13	-9.39	-3.23
SUM 2028	-5.39	5.42	6.14	-9.40	-3.23
WIN 2028	-5.38	5.41	6.15	-9.41	-3.23
SPR 2029	-5.38	5.40	6.16	-9.42	-3.23
SUM 2029	-5.37	5.39	6.18	-9.42	-3.24
WIN 2029	-5.37	5.38	6.19	-9.43	-3.24
SPR 2030	-5.36	5.37	6.20	-9.44	-3.24
SUM 2030	-5.36	5.36	6.21	-9.45	-3.24
WIN 2030	-5.36	5.35	6.22	-9.46	-3.24
SPR 2031	-5.35	5.34	6.23	-9.46	-3.24
SUM 2031	-5.35	5.34	6.24	-9.47	-3.24
WIN 2031	-5.35	5.33	6.25	-9.47	-3.24
SPR 2032	-5.34	5.32	6.26	-9.48	-3.24
SUM 2032	-5.34	5.32	6.27	-9.49	-3.24
WIN 2032	-5.34	5.31	6.28	-9.49	-3.24
SPR 2033	-5.33	5.30	6.29	-9.50	-3.24
SUM 2033	-5.33	5.30	6.30	-9.50	-3.24
WIN 2033	-5.33	5.29	6.30	-9.51	-3.24
SPR 2034	-5.33	5.29	6.31	-9.51	-3.24
SUM 2034	-5.33	5.28	6.32	-9.52	-3.24

	CHANGE IN IMPACTS DUE TO TRANSFERS [ACRE_FT/TRIMESTER]				
	Transfer to City of Ammon	Transfer to City of Chubbuck	Transfer to County Line Farm	Transfer to City of Blackfoot	Mitigation Deficit
WIN 2034	-5.32	5.27	6.33	-9.52	-3.24
SPR 2035	-5.32	5.27	6.34	-9.53	-3.24
SUM 2035	-5.32	5.27	6.34	-9.53	-3.24
WIN 2035	-5.32	5.26	6.35	-9.53	-3.24
SPR 2036	-5.32	5.26	6.36	-9.54	-3.24
SUM 2036	-5.31	5.25	6.37	-9.54	-3.24
WIN 2036	-5.31	5.25	6.37	-9.54	-3.24
SPR 2037	-5.31	5.24	6.38	-9.55	-3.23
SUM 2037	-5.31	5.24	6.39	-9.55	-3.23
WIN 2037	-5.31	5.24	6.39	-9.55	-3.23
SPR 2038	-5.31	5.23	6.40	-9.56	-3.23
SUM 2038	-5.31	5.23	6.41	-9.56	-3.23
WIN 2038	-5.31	5.23	6.41	-9.56	-3.23
SPR 2039	-5.30	5.22	6.42	-9.57	-3.23
SUM 2039	-5.30	5.22	6.42	-9.57	-3.23
WIN 2039	-5.30	5.22	6.43	-9.57	-3.23
SPR 2040	-5.30	5.21	6.44	-9.57	-3.22
SUM 2040	-5.30	5.21	6.44	-9.58	-3.22
WIN 2040	-5.30	5.21	6.45	-9.58	-3.22
SPR 2041	-5.30	5.21	6.45	-9.58	-3.22
SUM 2041	-5.30	5.20	6.46	-9.58	-3.22
WIN 2041	-5.30	5.20	6.46	-9.58	-3.22
SPR 2042	-5.30	5.20	6.47	-9.59	-3.22
SUM 2042	-5.30	5.20	6.47	-9.59	-3.22
WIN 2042	-5.29	5.20	6.48	-9.59	-3.21
SPR 2043	-5.29	5.19	6.48	-9.59	-3.21
SUM 2043	-5.29	5.19	6.48	-9.59	-3.21
WIN 2043	-5.29	5.19	6.49	-9.59	-3.21
SPR 2044	-5.29	5.19	6.49	-9.60	-3.21
SUM 2044	-5.29	5.19	6.50	-9.60	-3.21
WIN 2044	-5.29	5.18	6.50	-9.60	-3.21
SPR 2045	-5.29	5.18	6.50	-9.60	-3.21
SUM 2045	-5.29	5.18	6.51	-9.60	-3.20
WIN 2045	-5.29	5.18	6.51	-9.60	-3.20
SPR 2046	-5.29	5.18	6.51	-9.61	-3.20
SUM 2046	-5.29	5.18	6.52	-9.61	-3.20
WIN 2046	-5.29	5.17	6.52	-9.61	-3.20
SPR 2047	-5.29	5.17	6.52	-9.61	-3.20
SUM 2047	-5.29	5.17	6.53	-9.61	-3.20
WIN 2047	-5.29	5.17	6.53	-9.61	-3.20
SPR 2048	-5.29	5.17	6.53	-9.61	-3.20
SUM 2048	-5.29	5.17	6.54	-9.61	-3.19
WIN 2048	-5.29	5.17	6.54	-9.61	-3.19
SPR 2049	-5.29	5.17	6.54	-9.62	-3.19
SUM 2049	-5.29	5.16	6.55	-9.62	-3.19
WIN 2049	-5.29	5.16	6.55	-9.62	-3.19
SPR 2050	-5.29	5.16	6.55	-9.62	-3.19
SUM 2050	-5.29	5.16	6.55	-9.62	-3.19
WIN 2050	-5.29	5.16	6.56	-9.62	-3.19
SPR 2051	-5.29	5.16	6.56	-9.62	-3.19
SUM 2051	-5.29	5.16	6.56	-9.62	-3.19
WIN 2051	-5.28	5.16	6.56	-9.62	-3.19
SPR 2052	-5.28	5.16	6.57	-9.62	-3.18
SUM 2052	-5.28	5.16	6.57	-9.62	-3.18
WIN 2052	-5.28	5.16	6.57	-9.62	-3.18
SPR 2053	-5.28	5.15	6.57	-9.63	-3.18
SUM 2053	-5.28	5.15	6.58	-9.63	-3.18
WIN 2053	-5.28	5.15	6.58	-9.63	-3.18
SPR 2054	-5.28	5.15	6.58	-9.63	-3.18
SUM 2054	-5.28	5.15	6.58	-9.63	-3.18
WIN 2054	-5.28	5.15	6.58	-9.63	-3.18
SPR 2055	-5.28	5.15	6.59	-9.63	-3.18
SUM 2055	-5.28	5.15	6.59	-9.63	-3.18
WIN 2055	-5.28	5.15	6.59	-9.63	-3.17
SPR 2056	-5.28	5.15	6.59	-9.63	-3.17
SUM 2056	-5.28	5.15	6.59	-9.63	-3.17
WIN 2056	-5.28	5.15	6.59	-9.63	-3.17
SPR 2057	-5.28	5.15	6.60	-9.63	-3.17
SUM 2057	-5.28	5.15	6.60	-9.63	-3.17

	CHANGE IN IMPACTS DUE TO TRANSFERS [ACRE_FT/TRIMESTER]				
	Transfer to City of Ammon	Transfer to City of Chubbuck	Transfer to County Line Farm	Transfer to City of Blackfoot	Mitigation Deficit
WIN 2057	-5.28	5.15	6.60	-9.63	-3.17
SPR 2058	-5.28	5.15	6.60	-9.63	-3.17
SUM 2058	-5.28	5.15	6.60	-9.63	-3.17
WIN 2058	-5.28	5.14	6.60	-9.63	-3.17
SPR 2059	-5.28	5.14	6.61	-9.63	-3.17
SUM 2059	-5.28	5.14	6.61	-9.64	-3.17
WIN 2059	-5.28	5.14	6.61	-9.64	-3.17
SPR 2060	-5.28	5.14	6.61	-9.64	-3.17
SUM 2060	-5.28	5.14	6.61	-9.64	-3.16
WIN 2060	-5.28	5.14	6.61	-9.64	-3.16
SPR 2061	-5.28	5.14	6.61	-9.64	-3.16
SUM 2061	-5.28	5.14	6.62	-9.64	-3.16
WIN 2061	-5.28	5.14	6.62	-9.64	-3.16
SPR 2062	-5.28	5.14	6.62	-9.64	-3.16
SUM 2062	-5.28	5.14	6.62	-9.64	-3.16
WIN 2062	-5.28	5.14	6.62	-9.64	-3.16
SPR 2063	-5.28	5.14	6.62	-9.64	-3.16
SUM 2063	-5.28	5.14	6.62	-9.64	-3.16
WIN 2063	-5.28	5.14	6.62	-9.64	-3.16
SPR 2064	-5.28	5.14	6.63	-9.64	-3.16
SUM 2064	-5.28	5.14	6.63	-9.64	-3.16
WIN 2064	-5.28	5.14	6.63	-9.64	-3.16
SPR 2065	-5.28	5.14	6.63	-9.64	-3.16
SUM 2065	-5.28	5.14	6.63	-9.64	-3.16
WIN 2065	-5.28	5.14	6.63	-9.64	-3.15
SPR 2066	-5.28	5.14	6.63	-9.64	-3.15
SUM 2066	-5.28	5.14	6.63	-9.64	-3.15
WIN 2066	-5.28	5.14	6.63	-9.64	-3.15
SPR 2067	-5.28	5.14	6.63	-9.64	-3.15
SUM 2067	-5.28	5.14	6.64	-9.64	-3.15
WIN 2067	-5.28	5.14	6.64	-9.64	-3.15
SPR 2068	-5.28	5.14	6.64	-9.64	-3.15
SUM 2068	-5.28	5.14	6.64	-9.64	-3.15
WIN 2068	-5.28	5.14	6.64	-9.64	-3.15
SPR 2069	-5.28	5.13	6.64	-9.64	-3.15
SUM 2069	-5.28	5.13	6.64	-9.64	-3.15
WIN 2069	-5.28	5.13	6.64	-9.64	-3.15
SPR 2070	-5.28	5.13	6.64	-9.64	-3.15
SUM 2070	-5.28	5.13	6.64	-9.64	-3.15
WIN 2070	-5.28	5.13	6.64	-9.64	-3.15
SPR 2071	-5.28	5.13	6.65	-9.64	-3.15
SUM 2071	-5.28	5.13	6.65	-9.64	-3.15
WIN 2071	-5.28	5.13	6.65	-9.64	-3.15
SPR 2072	-5.28	5.13	6.65	-9.65	-3.15
SUM 2072	-5.28	5.13	6.65	-9.65	-3.14
WIN 2072	-5.28	5.13	6.65	-9.65	-3.14
SPR 2073	-5.28	5.13	6.65	-9.65	-3.14
SUM 2073	-5.28	5.13	6.65	-9.65	-3.14
WIN 2073	-5.28	5.13	6.65	-9.65	-3.14
SPR 2074	-5.28	5.13	6.65	-9.65	-3.14
SUM 2074	-5.28	5.13	6.65	-9.65	-3.14
WIN 2074	-5.28	5.13	6.65	-9.65	-3.14
SPR 2075	-5.28	5.13	6.65	-9.65	-3.14
SUM 2075	-5.28	5.13	6.66	-9.65	-3.14
WIN 2075	-5.28	5.13	6.66	-9.65	-3.14
SPR 2076	-5.28	5.13	6.66	-9.65	-3.14
SUM 2076	-5.28	5.13	6.66	-9.65	-3.14
WIN 2076	-5.28	5.13	6.66	-9.65	-3.14
SPR 2077	-5.28	5.13	6.66	-9.65	-3.14
SUM 2077	-5.28	5.13	6.66	-9.65	-3.14
WIN 2077	-5.28	5.13	6.66	-9.65	-3.14
SPR 2078	-5.28	5.13	6.66	-9.65	-3.14
SUM 2078	-5.28	5.13	6.66	-9.65	-3.14
WIN 2078	-5.28	5.13	6.66	-9.65	-3.14
SPR 2079	-5.28	5.13	6.66	-9.65	-3.14
SUM 2079	-5.28	5.13	6.66	-9.65	-3.14
WIN 2079	-5.28	5.13	6.66	-9.65	-3.14
SPR 2080	-5.28	5.13	6.66	-9.65	-3.14
SUM 2080	-5.28	5.13	6.66	-9.65	-3.14

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	CHANGE IN IMPACTS DUE TO TRANSFERS [ACRE_FT/TRIMESTER]				
	Transfer to City of Ammon	Transfer to City of Chubbuck	Transfer to County Line Farm	Transfer to City of Blackfoot	Mitigation Deficit
WIN 2080	-5.28	5.13	6.67	-9.65	-3.14
SPR 2081	-5.28	5.13	6.67	-9.65	-3.14
SUM 2081	-5.28	5.13	6.67	-9.65	-3.13
WIN 2081	-5.28	5.13	6.67	-9.65	-3.13
SPR 2082	-5.28	5.13	6.67	-9.65	-3.13
SUM 2082	-5.28	5.13	6.67	-9.65	-3.13
WIN 2082	-5.28	5.13	6.67	-9.65	-3.13
SPR 2083	-5.28	5.13	6.67	-9.65	-3.13
SUM 2083	-5.28	5.13	6.67	-9.65	-3.13
WIN 2083	-5.28	5.13	6.67	-9.65	-3.13
SPR 2084	-5.28	5.13	6.67	-9.65	-3.13
SUM 2084	-5.28	5.13	6.67	-9.65	-3.13
WIN 2084	-5.28	5.13	6.67	-9.65	-3.13
SPR 2085	-5.28	5.13	6.67	-9.65	-3.13
SUM 2085	-5.28	5.13	6.67	-9.65	-3.13
WIN 2085	-5.28	5.13	6.67	-9.65	-3.13
SPR 2086	-5.28	5.13	6.67	-9.65	-3.13
SUM 2086	-5.28	5.13	6.67	-9.65	-3.13
WIN 2086	-5.28	5.13	6.67	-9.65	-3.13
SPR 2087	-5.28	5.13	6.67	-9.65	-3.13
SUM 2087	-5.28	5.13	6.68	-9.65	-3.13
WIN 2087	-5.28	5.13	6.68	-9.65	-3.13
SPR 2088	-5.28	5.13	6.68	-9.65	-3.13
SUM 2088	-5.28	5.13	6.68	-9.65	-3.13
WIN 2088	-5.28	5.13	6.68	-9.65	-3.13
SPR 2089	-5.28	5.13	6.68	-9.65	-3.13
SUM 2089	-5.28	5.13	6.68	-9.65	-3.13
WIN 2089	-5.28	5.13	6.68	-9.65	-3.13
SPR 2090	-5.28	5.13	6.68	-9.65	-3.13
SUM 2090	-5.28	5.13	6.68	-9.65	-3.13
WIN 2090	-5.28	5.13	6.68	-9.65	-3.13
SPR 2091	-5.28	5.13	6.68	-9.65	-3.13
SUM 2091	-5.28	5.13	6.68	-9.65	-3.13
WIN 2091	-5.28	5.13	6.68	-9.65	-3.13
SPR 2092	-5.28	5.13	6.68	-9.65	-3.13
SUM 2092	-5.28	5.13	6.68	-9.65	-3.13
WIN 2092	-5.28	5.13	6.68	-9.65	-3.13
SPR 2093	-5.28	5.13	6.68	-9.65	-3.13
SUM 2093	-5.28	5.13	6.68	-9.65	-3.13
WIN 2093	-5.28	5.13	6.68	-9.65	-3.13
SPR 2094	-5.28	5.13	6.68	-9.65	-3.12
SUM 2094	-5.28	5.13	6.68	-9.65	-3.12
WIN 2094	-5.28	5.13	6.68	-9.65	-3.12
SPR 2095	-5.28	5.13	6.68	-9.65	-3.12
SUM 2095	-5.28	5.13	6.68	-9.65	-3.12
WIN 2095	-5.28	5.13	6.68	-9.65	-3.12
SPR 2096	-5.28	5.13	6.69	-9.65	-3.12
SUM 2096	-5.28	5.13	6.69	-9.65	-3.12
WIN 2096	-5.28	5.13	6.69	-9.65	-3.12
SPR 2097	-5.28	5.13	6.69	-9.65	-3.12
SUM 2097	-5.28	5.13	6.69	-9.65	-3.12
WIN 2097	-5.28	5.13	6.69	-9.65	-3.12
SPR 2098	-5.28	5.13	6.69	-9.65	-3.12
SUM 2098	-5.28	5.13	6.69	-9.65	-3.12
WIN 2098	-5.28	5.13	6.69	-9.65	-3.12
SPR 2099	-5.28	5.13	6.69	-9.65	-3.12
SUM 2099	-5.28	5.13	6.69	-9.65	-3.12
WIN 2099	-5.28	5.13	6.69	-9.65	-3.12
SPR 2100	-5.28	5.13	6.69	-9.65	-3.12
SUM 2100	-5.28	5.13	6.69	-9.65	-3.12
WIN 2100	-5.28	5.13	6.69	-9.65	-3.12
SPR 2101	-5.28	5.13	6.69	-9.65	-3.12
SUM 2101	-5.28	5.13	6.69	-9.65	-3.12
WIN 2101	-5.28	5.12	6.69	-9.65	-3.12
SPR 2102	-5.28	5.12	6.69	-9.65	-3.12
SUM 2102	-5.28	5.12	6.69	-9.65	-3.12
WIN 2102	-5.28	5.12	6.69	-9.65	-3.12