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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

MAY 25 2011

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Department of Water Resources
Eastern Region

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25 2011

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

Department of Water Resources
Eastern Region

Name of Applicant(s) **Jerry and Connie Brower**

Phone **(480) 325-7405**

Mailing address **2767 Leisure World Mesa, AZ 85206**

Email

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

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

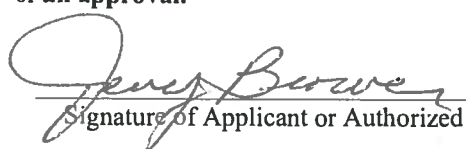
☐ No Representative

Name of Representative **Jason C. Helms, P.E. (Thompson Engineering, Inc.)** Phone **(208) 745-8771**

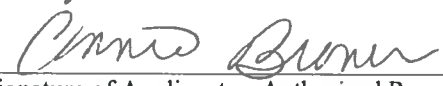
Mailing address **215 Farnsworth Way, Rigby ID 83442** Email **jhelms@teidaho.com**

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

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.


Signature of Applicant or Authorized Representative

Jerry Brower
Print Name and Title if applicable


Signature of Applicant or Authorized Representative

Connie Brower
Print Name and Title if applicable

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 Create Permissible Place of Use
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**. Create a permissible place of use for all remaining irrigation water rights and authorize both rights for diversion from either of both wells originally associated with each water right. Applicant retained ownership of 188 acres of original parent water rights 35-2241A & 35-2242. All other split portions are being transferred off.

77 44 7

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

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

1. Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
35-141635-14019 (split)	1.18 / 340.0	IRRIGATION	4/1 to 11/1	GROUND WATER
35-1415635-14069 (split)	1.55 / 412.0	IRRIGATION	4/1 to 11/1	GROUND WATER
			to	
			to	
			to	
			to	
			to	
			to	
			to	
			to	
Total <u>2.73</u> cfs and/or <u>752.0</u> ac-ft				

2. Total amount of water being transferred or changed 2.73 cubic feet per second and/or 752.0 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 #
no			SE	SW	36	01S	33E	Bingham	Ground Water	Extg. Well 35-14019
no		NW	SW	NE	36	01S	33E	Bingham	Ground Water	Extg. Well 35-14069

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	
01S	33E	36	8	35	40	38.5	40		3.5	40	40	4.5	0.5	3	34	40	2.5	3	332.5

Total Acres (for irrigation use) 332.5 PPU

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 flow meters.

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

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

- c. Are the lands from which you propose to transfer the water right subject to any liens, deeds of trust, mortgages, or contracts?
If yes, ☐ Attach a notarized statement from the holder of the lien, deed of trust, mortgage or contract agreeing to the proposed changes on official letterhead signed by an authorized representative. Label it **Attachment #6**. List the name of the entity and type of lien: _____

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: None overall.

Total irrigation under these combined water right portions will be limited to 188 acres in a single irrigation season.

- 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: These water rights currently appurtenant to proposed POU. See also recently approved Transfers #76655, 76491 and 76296. Additional transfers pending for all other portions of parent water rights 35-14019 & 35-14069.

- 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: Other portions of water right 35-14019 & 35-14069 currently enrolled in the Idaho Water Supply Bank.

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

Current Water Right No.: 35-14019

Current Owner: IDAHO WATER CO LLC
Priority Date: 8/19/1952
Origin: Water Right
Status: Water Supply Bank Active
Basis: Decreed

Source
GROUND WATER

Tributary

Beneficial Use	From To	Diversion Rate	Annual Volume
IRRIGATION	04/01 to 10/31	4.26 CFS	1232 AF
	Total Diversion	4.26 CFS	1232 AF

Location of Point(s) of Diversion

GROUND WATER SE1/4SW1/4 Sec. 36, Twp 01S, Rge 33E B.M.
BINGHAM County

Place of Use

IRRIGATION Within BINGHAM County

T01S R33E S36	NESW	40.00	T01S R33E S36	NWSW	39.00
T01S R33E S36	SWSW	38.00	T01S R33E S36	SESW	39.00
T01S R33E S36	NESE	39.00	T01S R33E S36	NWSE	40.00
T01S R33E S36	SWSE	39.00	T01S R33E S36	SESE	34.00

Total Acres: 308

Conditions of Approval:

1. 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.

Decreed Date: 1/31/2002

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

Current Water Right No.: 35-14069

Current Owner: IDAHO WATER CO LLC

Priority Date: 8/19/1952

Origin: Water Right

Status: Active

Basis: Decreed

Source

GROUND WATER

Tributary

Beneficial Use	From To	Diversion Rate	Annual Volume
IRRIGATION	04/01 to 11/01	4.01 CFS	1068.8 AF
	Total Diversion	4.01 CFS	1068.8 AF

Location of Point(s) of Diversion

GROUND WATER NW1/4SW1/4NE1/4 Sec. 36, Twp 01S, Rge 33E B.M.
BINGHAM County

Place of Use

IRRIGATION Within BINGHAM County

T01S R33E S36	NENE	7.00	T01S R33E S36	NWNE	26.20
T01S R33E S36	SWNE	39.00	T01S R33E S36	SENE	38.00
T01S R33E S36	NENW	39.00	T01S R33E S36	NWNW	39.00
T01S R33E S36	SWNW	39.00	T01S R33E S36	SENW	40.00

Total Acres: 267.2

Conditions of Approval:

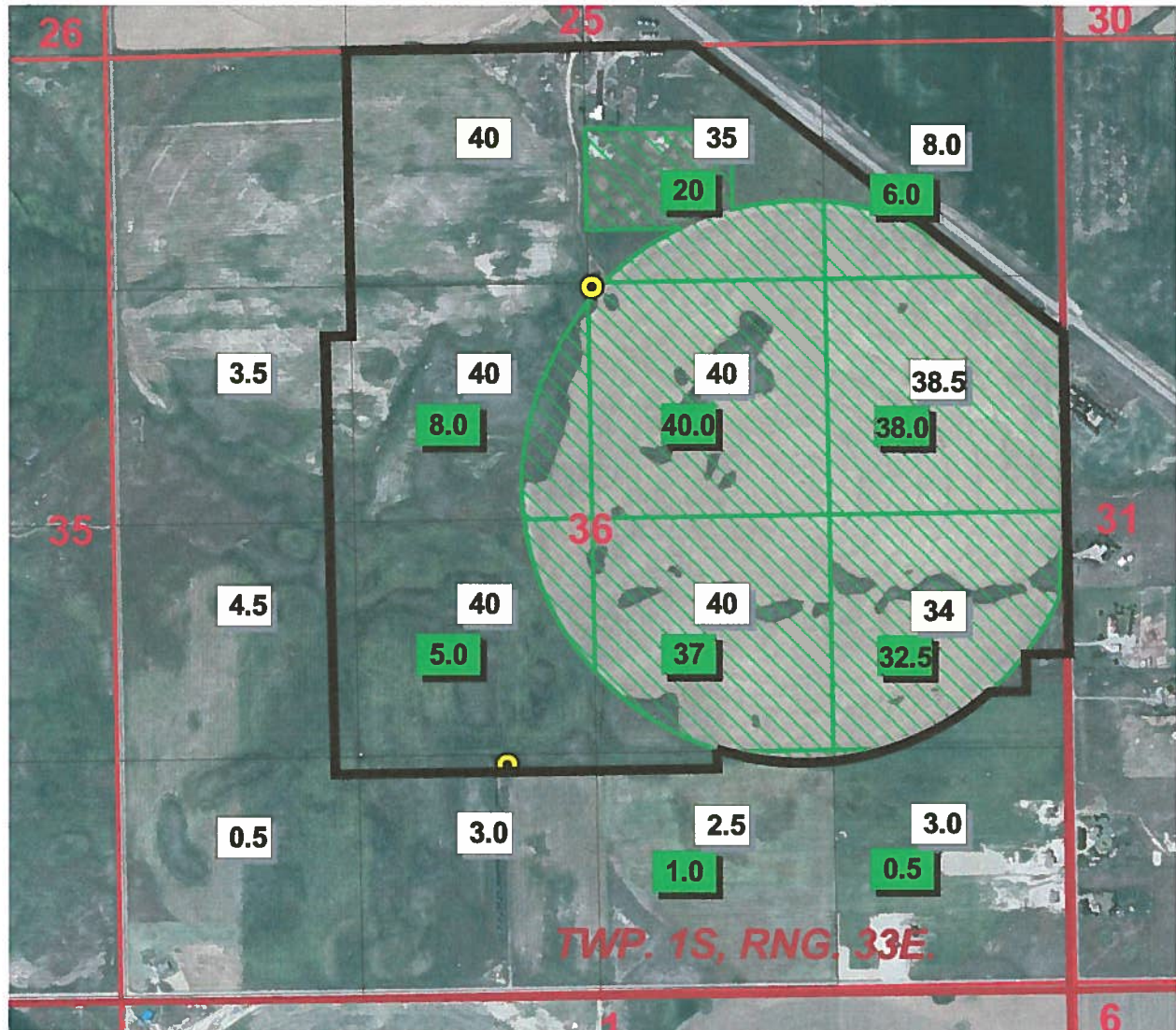
1. T19 Pursuant to Section 42-1412(6), Idaho Code, this water right is subject to such general provisions necessary for the definition of the rights or for the efficient administration of water rights as may be determined by the Snake River Basin Adjudication court at a point in time no later than the entry of the final unified decree.

Decreed Date: 1/31/2002

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for the rights described in part 1. Clearly depict the land by section, township and range number.



JCH - February 15, 2011

0.25

0

0.25 Miles

2009 NAIP Aerial Photo

JERRY AND CONNIE BROWER
PROPOSED IRRIGATION AND PERMISSIBLE PLACE OF USE
Portions of 35-14019, 35-14069 (T.1S, R.33E, SECTION 36)

- Existing P.O.D.
- ▭ PLSS Township Boundaries
- ▭ PLSS Section Lines
- ▭ 40's
- 6.0 ▭ Proposed Irrigation (188.0 Ac. Total)
- 6.0 ▭ Permissible Place of Use (332.5 Ac. Total)



Attachment #7a

77 4 4 7

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESTransfer No. 77447**APPLICATION FOR TRANSFER OF WATER RIGHT
MINIMUM REQUIREMENTS CHECKLIST**Brower Transfer
(Create PPU for Remaining)

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 and water right proof report or details report for Part 2A of the transfer application are available from any Department office or on the Department's website at <http://www.idwr.idaho.gov/>.

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 Proof Report (obtained from Department) or Details Report (obtained on website) 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 transfer 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).
- ☒ ☐ #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 <http://www.idwr.idaho.gov/water/rights/>.
- ☐ ☒ #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.)
- ☐ ☒ #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: Create permissible place of use for remaining irrigation water rights retained by applicant.

Since we had no Tax documents
Here in Arizona we Had the
Court House e-mail us This
document - Hope it will work.

Thank you -

Christie Brown



PROPERTY MASTER

02/24/2011

Year	2010	Parcel #	RP011.525	Parcel Status	Active	Property Type	Real	Reappraisal Year	2010
Location Code	008000	Code Area	008000	Parcel Type		Appraiser	LF	Physical Inspection	03/05/2010

Physical Location	
Address	BLACKFOOT ID 83221-0000
Group Type	SECT
Group #	045291
Description	T1S R33E SEC 36
Zoning	M1
Township/Range/Section	1S 33E 36

Primary Owner/Contact Information	
Name	BROWER JERRY 1235 W HWY 26 BLACKFOOT ID 83221-1544
Legal	T1S R33E SEC 36 T-16125-L-16203-T-16213* T-16209-T-16211-T-16205-T-16206
Deed Reference No:	2435 04/08/2010

Additional Owners/Contacts	
Solid Waste	Unit 1 Type B
Photo & Map	Photo: Map:

Property Values						
Status	State Cat Code	Acres	Assessed Value	Assessment Roll	Property Occupancy	Valuation Method
Active	1	186.848	31,312	Primary	Non-Occupancy	LAND BASE
Active	5	348.536	19,663	Primary	Non-Occupancy	LAND BASE
Active	19	6.000	0	Primary	Non-Occupancy	LAND BASE
Active	32		4,066	Primary	Non-Occupancy	COST
Totals		541.384	55,041	Total Values		
			0	Less Homeowner's Exemption		
			55,041	Taxable Value		

Land Base Cost	SCC Class Code	Quantity	Unit	Rate	Value	%	Reason	Comment	ADJUSTMENTS
1 3A	S109	87.473	AC \$	233.00	\$	20.381			
1 3B	S109	99.375	AC \$	110.00	\$	10.931			
19 A		6.000	AC \$	-	\$	0			
5 6B		278.064	AC \$	69.00	\$	19.186			
5 6E		1.858	AC \$	35.00	\$	65			
5 7Z		68.614	AC \$	6.00	\$	412			
Total Acres				Total	\$	50.975			*Also vary slightly from final value due to rounding
Total Sq Ft		541.384							

When recorded return to Idaho Water Company LLC
1135 Valley Rd So
Eden, Idaho 83325

24 ^{cut 6020}
E
H.P. - 1 Pl. 4: 17

577887

REQUEST OF
Idaho Water Co.
1135 Valley Rd So
Eden ID 83325

SPECIAL WARRANTY DEED FOR WATER RIGHT

Jerry Brower and Connie Brower, husband and wife, of 1235 W Hwy 26 Blackfoot, Idaho 83221 (Grantor) do hereby grant, bargain, sell, assign and convey unto Idaho Water Company LLC, an Idaho Limited Liability Company registered to do business in Idaho as Idaho Water Company LLC, a/k/a Idaho Water Co. LLC whose address is 1135 Valley Rd. So. Eden, Idaho 83325, (Grantee) and to Grantees heirs and assigns forever, all of Grantor's right title and interest in the water rights described in Exhibits 1 and hereto (collectively the "Water Rights")

Grantor retains no residual or reversionary interest in any of the Water Rights listed in the exhibits of the contract between Buyer and Seller.

Grantor hereby covenants and warrants to Grantee as follows:

- (A) that Grantor is the owner of the Water Rights;
- (B) that Grantor has not conveyed any of the Water Rights to Anyone other than Grantee;
- (C) that each of the Water Rights is free from all liens, claims, Or encumbrances;
- (D) that Grantor has the authority to convey the Water Rights to Grantee;
- (E) the Grantor has disclosed to Grantee in good faith all relevant information known to Grantor bearing on the validity and extent of the Water Rights.

Grantor makes no other covenants or warranties as to the Water Rights.

The Subject Water Rights are appurtenant to the real property described in Exhibit 3

Special Warranty Deed For Water Rights - 1

IN WITNESS WHEREOF, the undersigned authorized officers of Grantor, acting on behalf of Grantor, have caused their names to be hereunto subscribed on the date shown by each name.

Grantor: Jerry Brower and Connie Brower husband and wife

By: [Signature] Date 3-1-07
Jerry Brower

By: [Signature] Date 3-1-07
Connie Brower

Exhibits: Attached

Exhibit 1: Water Right Numbers 35-2241A and 35-2242

Exhibit 2: Water Right Report

Exhibit 3: Legals of portions of Water Rights included in The Agreement for Purchase and Sale of Water Rights. 400 acres of the above mentioned Water Rights. Balance to be retained by Grantor(Seller).

STATE OF IDAHO

)
) S.
County of Bingham)

On this 1 day of March, 2007, before me the undersigned Notary Public in and for said state, personally appeared Jerry Brower and Connie Brower husband and wife, they known or identified to me to be the persons whose name is subscribed to the within and foregoing instrument, and acknowledged to me that executed the same.

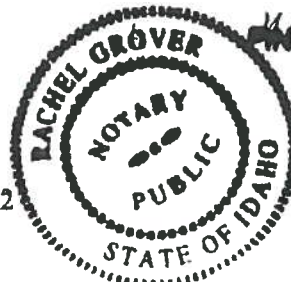
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary public for B. Idaho

Residing at Blackfoot

My commission expires 11-10-2012

Special Warranty Deed For Water Rights - 2



77447

RECEIVED

526295

CORPORATION WARRANTY DEED

APR 05 2006

Department of Water Resources
Eastern Region

FOR VALUE RECEIVED, IDAHO AGRICULTURAL CREDIT ASSOCIATION, fka Eastern Idaho Production Credit Association, a Federally Chartered corporation duly organized and existing under the Farm Credit Act of 1971, as amended, whose address is 188 West Judicial, Blackfoot, Idaho, 83221 (hereinafter "Grantor"), does hereby grant, bargain, sell and convey unto JERRY W. BROWER and CONNIE L. BROWER, husband and wife, whose address is 1235 West Hwy 26, Blackfoot, Idaho, 83221, (hereinafter "Grantee"), the following real property located in Bingham County, Idaho to-wit:

Township 1 South, Range 33 East Boise Meridian,

Section 25: All of the SW $\frac{1}{4}$ SE $\frac{1}{4}$ lying South of Highway #26
(containing 3 acres more or less)

Section 36: All lying South of Highway #26

TO HAVE AND TO HOLD the said premises together with their appurtenant water rights unto said Grantees, their heirs and assigns forever. The said Grantor does hereby covenant to and with the said Grantees, that it is the owner in fee simple of said premises; that they are free and clear from all encumbrances, excepting encumbrances and easements of record, mining claims, conflict in boundary lines, shortage in area, and any facts which a correct survey and inspection of the premises would disclose and which are not shown by the public records, and that they will warrant and defend the same from all lawful claims whatsoever.

DATED this 23rd day of April, 2003.



IDAHO AGRICULTURAL CREDIT ASSOCIATION
fka: Eastern Idaho Production Credit Association

BY

Arnold Seeley
President

ATTEST

Colleen Adams
Secretary



STATE OF IDAHO)
)ss.
County of Bingham)

On this 23rd day of April, 2003, before me, the undersigned, a Notary Public in and for the above-named County and State, personally appeared Arnold Seeley and Colleen Adams, known to me to be the President and Secretary, respectively, of the corporation that executed the instrument or the person(s) who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the

Township 1 South, Range 33 East Boise Meridian,
 Section 25: All of the SW $\frac{1}{4}$ SE $\frac{1}{4}$ lying South of Highway #26
 (containing 3 acres more or less)
 Section 36: All lying South of Highway #26

TO HAVE AND TO HOLD the said premises together with their appurtenant water rights unto said Grantees, their heirs and assigns forever. The said Grantor does hereby covenant to and with the said Grantees, that it is the owner in fee simple of said premises; that they are free and clear from all encumbrances, excepting encumbrances and easements of record, mining claims, conflict in boundary lines, shortage in area, and any facts which a correct survey and inspection of the premises would disclose and which are not shown by the public records, and that they will warrant and defend the same from all lawful claims whatsoever.

DATED this 23rd day of April, 2003.



IDAHO AGRICULTURAL CREDIT ASSOCIATION
 aka: Eastern Idaho Production Credit Association

BY

Arnold Seeley
 President

ATTEST

Colleen Adams
 Secretary



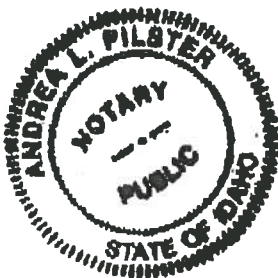
STATE OF IDAHO)
)ss.
 County of Bingham)

On this 23rd day of April, 2003, before me, the undersigned, a Notary Public in and for the above-named County and State, personally appeared Arnold Seeley and Colleen Adams, known to me to be the President and Secretary, respectively, of the corporation that executed the instrument or the person(s) who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have herewith set my hand and affixed my official seal the day and year in this certificate first above written.

Andrea L. Pilster

Notary Public for the State of Idaho
 Residing at Blackfoot, Idaho
 My Commission Expires 10/30/2008



526295

2003 MAY -6 PM 3:47
 RECORDED IN THE RECORDS OF
 JERRY BRISER
 BINGHAM COUNTY RECORDS
 BLACKFOOT, IDAHO
 FILED IN DEPT 346

77447

ESPA Impact Analysis Report

Idaho Water Company Combined Off-Setting Transfers (35-14019, 35-14069)

Transfer #1: City of Chubbuck
Transfer #2: Country Club Hills Subdivision
Transfer #3: Theodore Baar
Transfer #4: LDS Church Hibbard Stake
Transfer #5: LDS Church Rigby Ward
Transfer #6: Cannon-Shelley Dairy

Prepared by Jason C. Helms, P.E.
April 18, 2011
jasoncivil@alumni.nd.edu

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APPENDICES

Appendix A.	Table: Water Right Splits For Transfers
Appendix B.	Map: Diversion Locations In Relation to The ESPA
Appendix C.	ESPA Transfer Spreadsheet Input Summary
Appendix D.	ESPA Transfer Spreadsheet Input Data
Table D.1	Data Entry Table : Transfer #1 - City of Chubbuck
Table D.2	Data Entry Table : Transfer #2 - Country Club Hills
Table D.3	Data Entry Table: Transfer #3 - Theodore Baar
Table D.4	Data Entry Table: Transfer #4 - LDS Church-Hibbard
Table D.5	Data Entry Table: Transfer #5 - LDS Church-Rigby
Table D.6	Data Entry Table: Transfer #6 - Cannon-Shelley Dairy
Appendix E.	Combined Reach Results
Table E.1	Combined Impacts: Ashton To Rexburg
Table E.2	Combined Impacts: Heise To Shelley
Table E.3	Combined Impacts: Shelley To Near Blackfoot
Table E.4	Combined 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 six individual transfers.

Each of the six transfers seek to change the place of use for varying portions of existing water rights 35-14019 and 35-14069. A table showing the proposed splits is attached as Appendix A.

For the purposes of this analysis, changes in the nature of use are disregarded and all transfers are considered to be transfers of irrigation rights. This allows the standard authorized headgate volume of the water rights to be utilized for all model analyses. Consideration for consumptive volume in the case of nature of use changes can be considered to occur once the "irrigation" water rights (associated with their own documented historical consumptive use) are allowed for diversion at the proposed new places of use.

The existing water rights 35-14019 and 35-14069 both have the full volume of 4.0 acre-ft per acre authorized for use. In the case of the LDS-Hibbard transfer, the standard authorized "headgate" volume is reduced from 4.0 acre-ft per acre to 3.5 acre-ft per acre in accordance with the current Idaho Department of Water Resources (IDWR) standard boundaries. This change is incorporated in the model through a net reduction in available authorized volume per acre transferred. Even so, mitigation for the transient impacts to the Ashton to Rexburg reach resulting from the LDS-Hibbard transfer requires the transferred water right to develop the volume in a staged manner. This is also the case for the Country Club Hills transfer to match the off-setting impacts generated largely by the companion transfer to the City of Chubbuck. In the case of the other four transfers, the full transferred volume is available immediately following formal transfer approval by IDWR with the model allowing approval as soon as Summer, 2011.

2. Model Approach

Simulation of transient impacts to ESPA river reaches resulting from the proposed transfers was performed utilizing the most recent ESPA Transfer Spreadsheet Tool Version 3.1 developed by IDWR in cooperation with the Idaho Water Resources Research Institute (IWRRI). In each of the six 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 historical headgate volume authorized by the water right¹ 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 timestep. 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 results from the spatial distribution within the ESPA according to the steady state model.

For the transient evaluation the transfers generally succeed in mitigating one another, however some variation is present during the initial transient period. Further analysis of the cumulative transient changes to each reach including the

¹ In all model analyses associated with this report, the FROM1 Well corresponds to water right 35-14019 and the FROM2 well corresponds to water right 35-14069 to explicitly identify the portions of each right involved in each transfer.

impacts of the off-setting transfers for the same model timesteps demonstrates a net reach gain (more positive than negative mitigation) for each model reach that requires mitigation well within the transient model time period.

In five of the six transfers, the significant ESPA reaches are the uppermost reaches so only the reaches above Milner are considered. In the case of the Baar transfer, the significant reaches comprising at least 10% of the total diversion within that ESPA model cell are the spring reaches from Devil's Washbowl to Thousand Springs however the change in reach impacts (transient to steady state) of the Baar transfer are all less than 2 acre-ft per trimester so no mitigation evaluation is required for those model reaches of the Snake River.

3. Transfer #1

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 Chubbuck. Table 1 (below) shows the expected steady state ESPA reach impacts (acre-ft per year) of the proposed transfer to the City of Chubbuck. The ESPA reaches comprising at least 10% of the total impacts of diversion from the Chubbuck wells are the Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches (impacts shaded).

This location within the ESPA model has significantly higher reach impacts in the Near Blackfoot to Neeley Model reach, however it also generates significant off-setting credits for all three uppermost ESPA reaches.

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
Brower	1S,33E-36	1140.0	SP072131	36.4	44.1	324.5	689.2	15.9	15.7
City of Chubbuck	6S,34E-3	1140.0	SP096122	23.4	28.0	259.5	785.6	15.9	14.6
Change in Impacts:				-13.1	-16.0	-65.0	96.5	-0.1	-1.2
Mitigation Required? (> 6 afa or >10% hist.)				NO	NO	NO	YES	NO	NO

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

3.1. Transfer #1 ESPA Transient Impacts

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to the City of Chubbuck utilizing the ESPA Transfer Spreadsheet is shown below in Chart 1. The transient analysis reveals an initial increase over the steady state value in the Near Blackfoot to Neeley reach declining after approximately 20 years. The mitigating benefits are also apparent, particularly in the Shelley to Near Blackfoot reach.

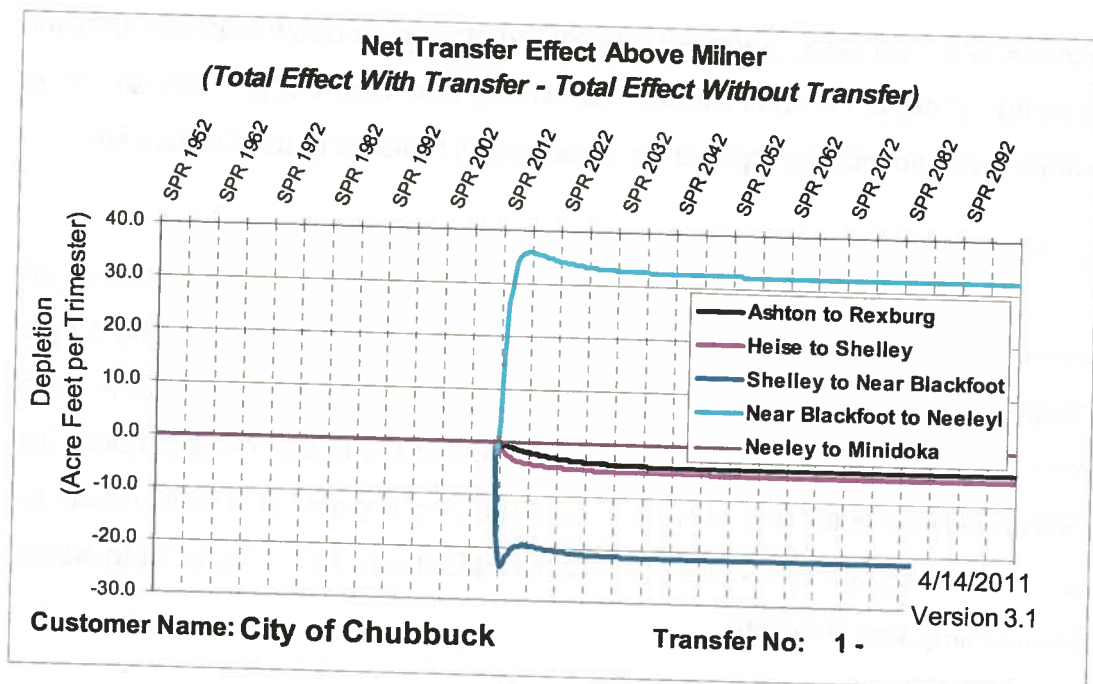


Chart 1: Transient ESPA Reach Impacts from Proposed Transfer to the City of Chubbuck

4. Transfer #2

Transfer #2 seeks to provide ground water irrigation water rights for use within the service area of the municipal water supply system of the Country Club Hills Subdivision. Table 2 (below) shows the expected steady state impacts (acre-ft per year) of the proposed transfer to the Country Club Hills Subdivision. The ESPA reaches comprising at least 10% of the total impacts related to diversion from the proposed wells are the Heise to Shelley, Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches (impacts shaded).

This location within the ESPA model has significantly higher reach impacts in the Heise to Shelley and Shelley to Near Blackfoot Model reaches. The Ashton to Rexburg reach also indicates increased impacts, however the magnitude of the impacts is less than 10% of the total diversion so no mitigation is required for that reach with respect to this individual transfer. Transfer #2 generates significant off-setting credits for the Near Blackfoot to Neeley reach.

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
Brower	1S,33E-36	207.2	SP072131	6.6	8.0	59.0	125.3	2.9	2.9
Country Club Hills	1N,38E-28	207.2	SP080159	13.4	22.1	88.3	77.8	1.9	1.9
Change in Impacts:				6.8	14.1	29.4	-47.5	-1.0	-0.9
Mitigation Required? (> 6 afa or >10% hist.)				NO	YES	YES	NO	NO	NO

Table 2: Changes to ESPA Reach Impacts Resulting from Proposed Transfer to Country Club Hills

4.1. Transfer #2 ESPA Transient Impacts

Transfer #2 is proposed with a staged development, not so much to mitigate the additional transient impacts of this particular transfer, but rather to fully mitigate the transient impacts of Transfer #1 on the Near Blackfoot to Neeley reach. The schedule of proposed diversions is shown in Table 3.

Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
Summer	2011	Winter	2012	160.0	53.3	40.0	77% available years 1-2
Spring	2013	Winter	2017	180.0	60.0	45.0	87% available years 3-7
Spring	2018	Winter	2023	200.0	66.7	50.0	97% available years 8-13
Spring	2024	Winter	2101	207.2	69.1	51.8	100% year 13 forward

Table 3: Schedule of Available Mitigated Diversions for Country Club Hills Transfer

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to the Country Club Hills Subdivision utilizing the ESPA Transfer Spreadsheet is shown below in Chart 2.

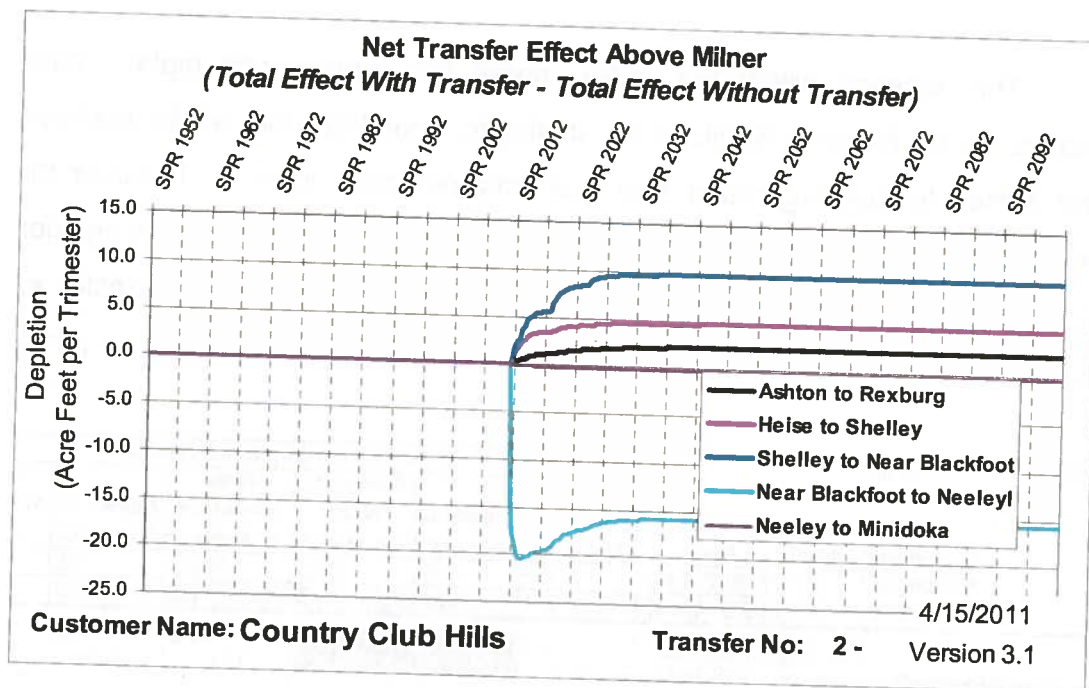


Chart 2: Transient ESPA Reach Impacts from Transfer to Country Club Hills

The transient analysis reflects the staged development with significant increased impacts apparent in the Heise to Shelley and Shelley to Near Blackfoot reaches both requiring mitigation. The off-setting mitigation provided by this transfer to the Near Blackfoot to Neeley reach is also apparent and includes the muted initial mitigation peak that recedes toward the steady state value within approximately 10 years.

5. Transfer #3

Transfer #3 seeks to provide 3 acres of ground water irrigation water rights for possible future conversion to stockwater uses on the Baar Dairy within Jerome County. Tables 4 and Table 5 (below) show the expected steady state impacts of the proposed transfer to the Baar property in the upper ESPA reaches and the lower ESPA spring reaches respectively. The ESPA reaches comprising at least 10% of the total impacts related to diversion from the proposed wells are the Devil's Washbowl to Buhl, Buhl to Thousand Springs and the Thousand Springs Complex (impacts shaded).

According to the steady state analysis, none of the significant reaches experience increased impacts over 6 acre-ft per year. Transfer #3 generates significant off-setting credits for the Near Blackfoot to Neeley reach.

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
Brower	1S,33E-36	12.0	SP072131	0.4	0.5	3.4	7.3	0.2
Baar	9S,16E-3	12.0	SP055021	0.0	0.0	0.2	0.7	0.2
Change in Impacts:				-0.4	-0.4	-3.2	-6.5	0.0
Mitigation Required? (> 6 afa or >10% hist.)				NO	NO	NO	NO	NO

Table 5: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to Baar

OFF-SETTING TRANSFER #3				Devil's Washbowl to Buhl	Buhl to Thousand Springs	Thousand Springs	Thousand Springs to Malad	Malad	Malad to Bancroft
	POD Location	Model Volume [afa]	Model Node						
Brower	1S,33E-36	12.0	SP072131	0.2	0.1	0.0	0.0	0.0	0.0
Baar	9S,16E-3	12.0	SP055021	6.0	2.5	1.4	0.1	0.7	0.0
Change in Impacts:				5.9	2.5	1.3	0.1	0.7	0.0
Mitigation Required? (> 6 afa or >10% hist.)				NO	NO	NO	NO	NO	NO

Table 4: Changes to ESPA Reach Impacts (Below Milner) Resulting from Transfer to Baar

5.1. Transfer #3 ESPA Transient Impacts

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to the Baar Dairy utilizing the ESPA Transfer Spreadsheet showing the upper and lower ESPA reach impacts (acre-ft per trimester) resulting from Transfer #3 are shown below in Chart 3 and Chart 4 respectively.

According to the transient analysis, additional impacts increase quickly but do not exceed 2 acre-ft per trimester so no mitigation is required with respect to this individual transfer. This transfer generates transient credits in all upper reaches, particularly the Near Blackfoot to Neeley and Shelley to Near Blackfoot reaches.

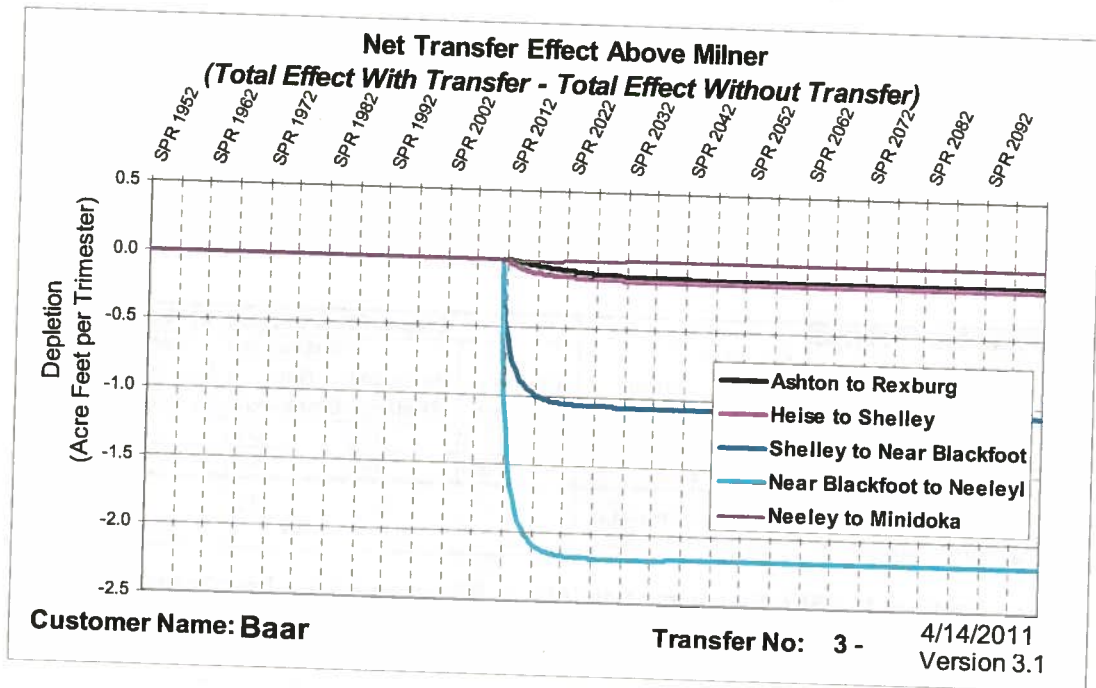


Chart 3: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to Baar

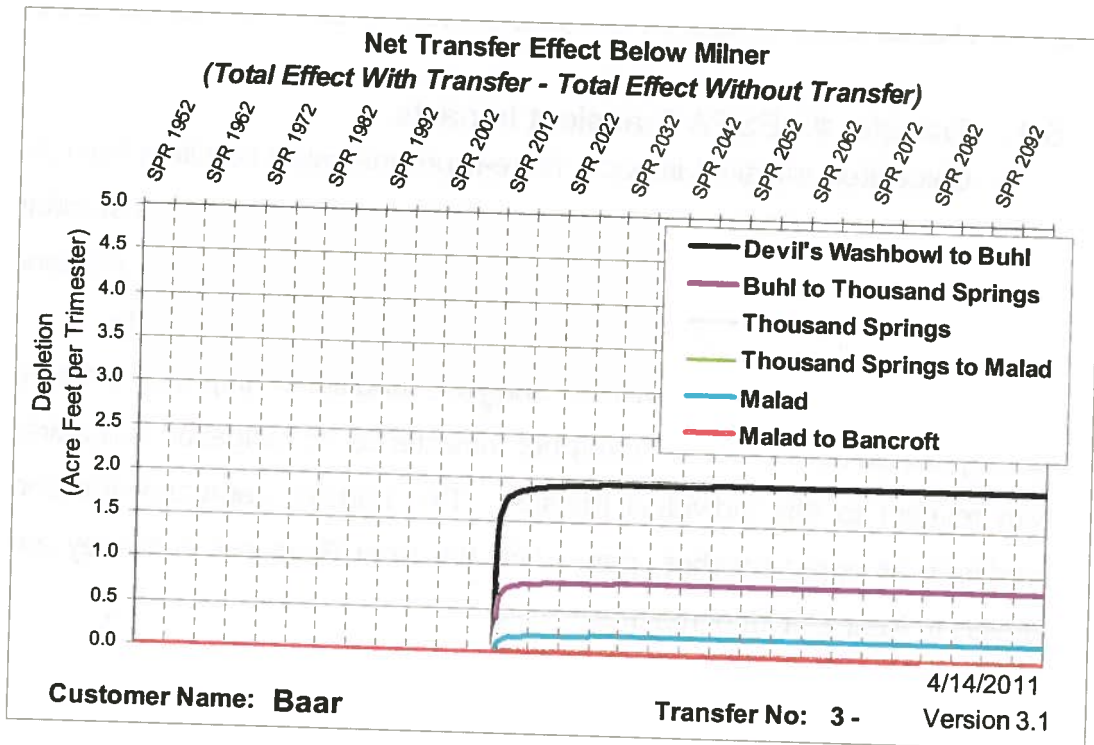


Chart 4: Changes to ESPA Reach Impacts (Below Milner) Resulting from Transfer to Baar

6. Transfer #4

Transfer #4 seeks to provide ground water irrigation water rights for use by the LDS Church Hibbard church. Table 6 (below) shows the expected steady state impacts (acre-ft per year) of the proposed transfer to the LDS-Hibbard church 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 Ashton to Rexburg and Heise to Shelley reaches (impacts shaded).

This location within the ESPA model has significantly higher reach impacts in the Ashton to Rexburg Model reach. The Heise to Shelley reach also indicates increased impacts, however the magnitude of the impacts is less than 6 acre-ft per year.

According to the steady state analysis, mitigation will be required in the Ashton to Rexburg reach. This particular transfer provides significant off-setting benefits to the Near Blackfoot to Neeley reach of the Snake River.

OFF-SETTING TRANSFER #4 (Staged Pumping)				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
Brower	1S,33E-36	17.7	SP072131	0.6	0.7	5.0	10.7	0.2	0.2
LDS Hibbard 2,3	6N,39E-1	15.5	SP056183	12.1	3.0	0.2	0.2	0.0	0.0
Change in Impacts:				11.5	2.3	-4.9	-10.5	-0.2	-0.2
Mitigation Required? (> 6 afa or >10% hist.)				YES	NO	NO	NO	NO	NO

Table 6: Changes to ESPA Reach Impacts Resulting from Transfer to LDS-Hibbard

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 is shown below in Chart 5. In this case, the staged development required by the quick response of the Ashton reach by diversion at this location is apparent. The staged development of the water right is shown below in Table 7.

Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
Summer	2011	Winter	2018	7.0	2.3	2.0	23% available years 1-8 68% available years 9-13 91% available years 14-17 100% year 18 forward
Spring	2019	Winter	2023	10.5	3.5	3.0	
Spring	2024	Winter	2027	14.0	4.7	4.0	
Spring	2028	Winter	2101	15.4	5.1	4.4	

Table 7: Shedule of Availble Mitigated Diversions for LDS-Hibbard Transfer.

Based on the results of the transient analysis for this individual transfer, mitigation is required where the impacts exceed 2 acre-ft per trimester which occurs in the Ashton to Rexburg reach almost immediately. This transfer also generates off-setting credits in both the Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches of the Snake river.

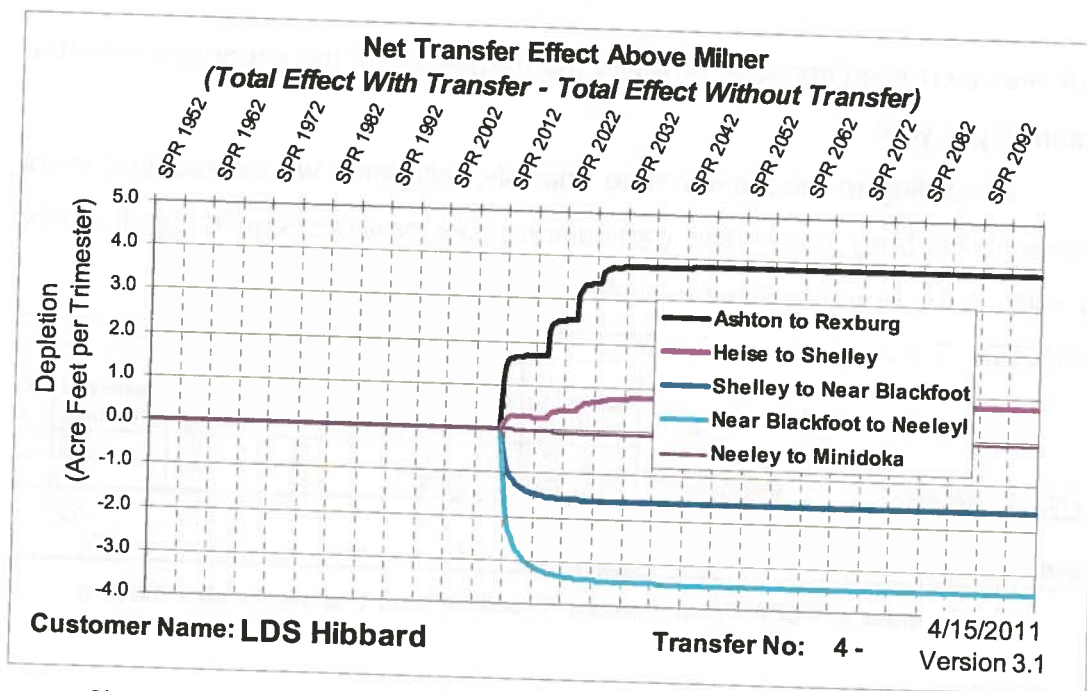


Chart 5: Changes to ESPA Reach Impacts Resulting from Transfer to LDS-Hibbard

7. Transfer #5

Transfer #5 seeks to provide ground water irrigation water rights for use by the LDS Church Rigby church. Table 8 (below) shows the expected steady state impacts (acre-ft per year) of the proposed transfer to the LDS-Rigby church property. The ESPA reaches comprising at least 10% of the total impacts associated with diversion from the Rigby Ward well are the four

uppermost ESPA reaches: Ashton to Rexburg, Heise to Shelley, Shelley to Near Blackfoot and Near Blackfoot to Neeley (impacts shaded).

According to the steady state analysis, no reach impact increases exceed 6 acre-ft per year although it does provide off-setting credits to the Shelley to Near Blackfoot and Near Blackfoot to Neeley model reaches of the Snake River.

OFF-SETTING TRANSFER #5				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
Brower	1S,33E-36	12.3	SP072131	0.4	0.5	3.5	7.4	0.2	0.2
LDS Rigby 11	1S,36E-26	12.3	SP066170	2.7	6.4	1.4	1.7	0.0	0.0
Change in Impacts:				2.3	6.0	-2.1	-5.7	-0.1	-0.1
Mitigation Required? (> 6 afa or >10% hist.)				NO	NO	NO	NO	NO	NO

Table 8: Changes to ESPA Reach Impacts Resulting from Transfer to LDS-Rigby Ward

7.1. Transfer #5 ESPA Transient Impacts

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to the LDS Church Rigby property utilizing the ESPA Transfer Spreadsheet is shown below in Chart 6.

According to the transient analysis, additional impacts rise quickly but do not exceed 2 acre-ft per trimester in any model reach so no mitigation is required with respect to this individual transfer. This transfer does generate transient credits in all the Near Blackfoot to Neeley and Shelley to Near Blackfoot reaches

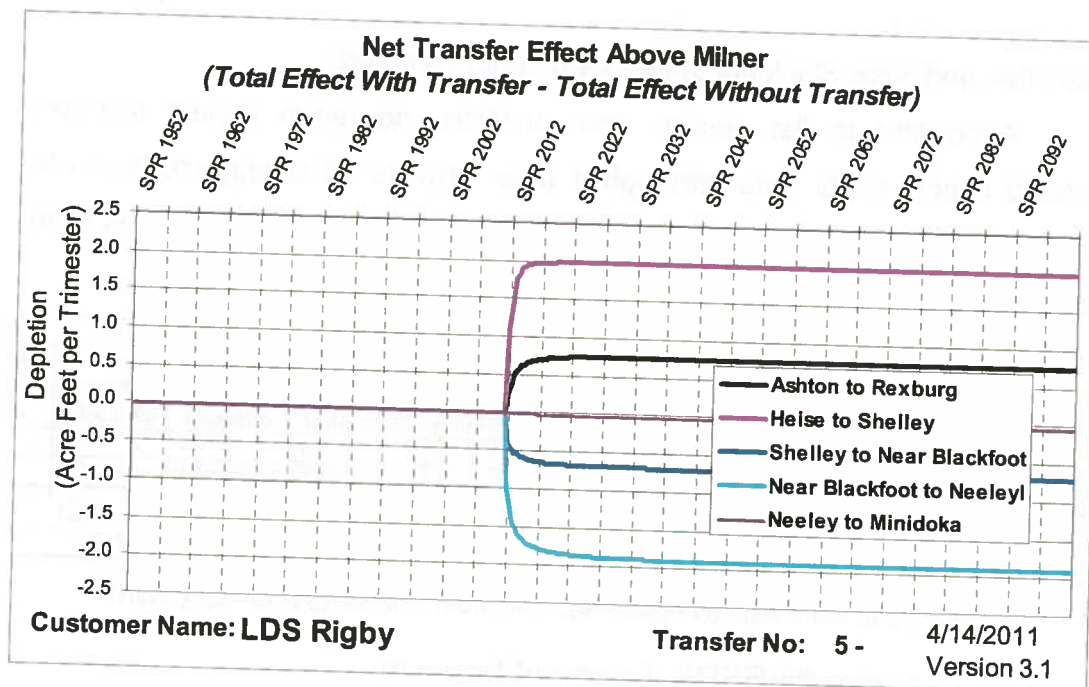


Chart 6: Changes to ESPA Reach Impacts Resulting from Transfer to LDS-Rigby

8. Transfer #6

Transfer #6 seeks to provide 31.4 acres of ground water irrigation water rights for conversion to stockwater uses on the Cannon-Shelley Dairy within Bonneville County. Table 9 (below) shows the expected steady state impacts of the proposed transfer to the Cannon-Shelley property in the upper ESPA reaches. The ESPA reaches comprising at least 10% of the total impacts related to diversion from the proposed wells are the Shelley to Near Blackfoot and Near Blackfoot to Neeley Reaches (impacts shaded).

OFF-SETTING TRANSFER #6				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
Brower	1S,33E-36	125.6	SP072131	4.0	4.9	35.8	75.9	1.8	1.7
Cannon-Shelley	1S,36E-26	125.6	SP076153	7.3	10.8	56.6	47.6	1.1	1.2
Change in Impacts:				3.3	5.9	20.8	-28.3	-0.6	-0.6
Mitigation Required? (> 6 afa or >10% hist.)				NO	NO	YES	NO	NO	NO

Table 9 Changes to ESPA Reach Impacts Resulting from Transfer to Cannon-Shelley Dairy

According to the steady state analysis, mitigation will be required in the Shelley to Near Blackfoot reach. It is also apparent that this particular transfer provides significant off-setting benefits to the Near Blackfoot to Neeley reach of the Snake River.

8.1. Transfer #6 ESPA Transient Impacts

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to the Cannon-Shelley Dairy utilizing the ESPA Transfer Spreadsheet is shown below in Chart 7. The transient analysis reveals a quick and steady increase in the Shelley to Near Blackfoot reach requiring mitigation. The increase to the Heise to Shelley reach is also apparent however it doesn't exceed 2 acre-ft per trimester so no mitigation is required for this reach for this particular transfer. The off-setting mitigation provided by this transfer to the Near Blackfoot to Neeley reach is also apparent and includes an initial mitigation peak that recedes toward the steady state value within approximately 15 years.

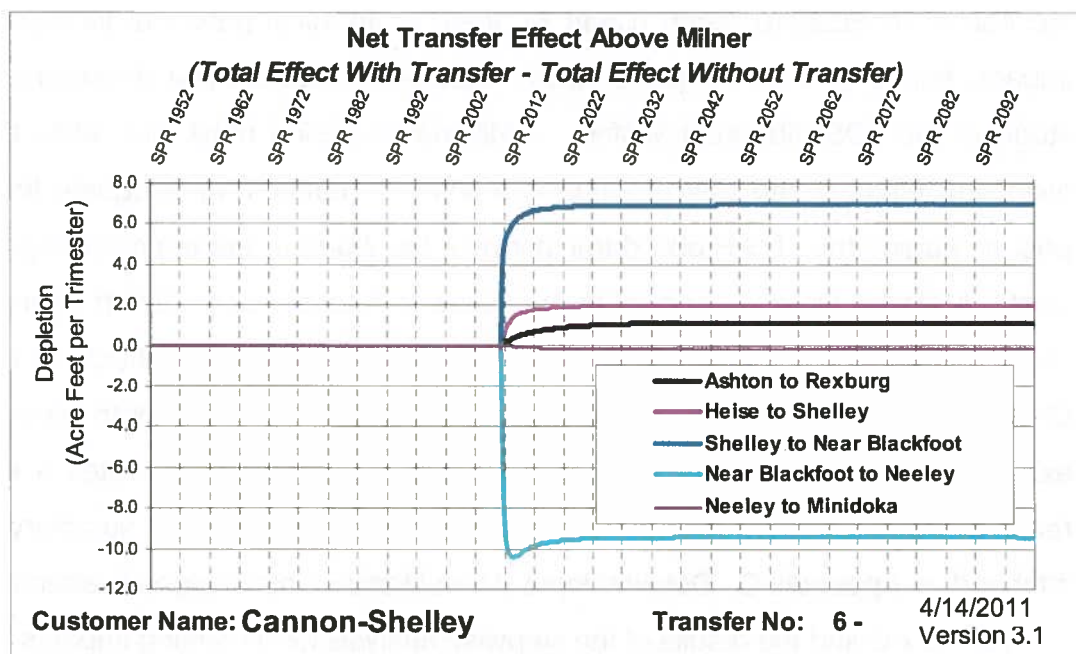


Chart 7: Changes to ESPA Reach Impacts Resulting from Transfer to Cannon-Shelley

9. Analysis of Off-Setting Impacts

Based on the results of the transient analysis conducted for each individual transfer, there are four ESPA model reaches requiring mitigation by four of the six transfers. Table 10 below shows the steady state impacts and off-setting impacts for the model reaches requiring mitigation.

Steady State Impacts by Reach				
	Ashton to Rexburg [afa]	Heise to Shelley [afa]	Shelley to Near Blackfoot [afa]	Near Blackfoot to Neeley [afa]
Transfer #1 City of Chubbuck	-13.1	-16.0	-65.0	96.5
Transfer #2 Country Club Hills	-	14.1	29.4	-47.5
Transfer #3 Baar Dairy	-0.4	-0.4	-3.2	-6.5
Transfer #4 LDS-Hibbard	11.5	-	-4.9	-10.5
Transfer #5 LDS-Rigby	-	-	-2.1	-5.7
Transfer #6 Cannon-Shelley	-	-	20.8	-28.3
	-1.9	-2.4	-25.0	-2.1

Table 10: Evaluation of Required and Off-Setting Mitigation (Steady State Values Shown)

The following charts show the combined individual and off-setting transient impacts of the six transfers according to the combinations identified in Table 10. In general, the combined value of increased impacts and off-setting credits are shown for every model timestep to be less than zero. In the case of the Ashton to Rexburg reach (Chart 8), there is an initial period of increased impacts less than 2 acre-ft per trimester associated with the first development stage of the LDS-Hibbard transfer. Additional diversion must wait while the mitigating effect of the City of Chubbuck transfer reaches an adequate level prior to staging the LDS-Hibbard transfer over the 2 acre-ft per trimester impact level. A similar increase occurs in the Heise to Shelley reach (Chart 9) as a result of the Country Club Hills Transfer, however the mitigating effects of the Chubbuck transfer quickly reaches an adequate mitigating level prior to impacts exceeding the 2 acre-ft per trimester increase and actually generates a net reach benefit thereafter. An ESPA Transfer Spreadsheet input data summary is attached as Appendix C. Detailed input data utilized in this analysis is attached as Appendix D and the results of the stepwise analysis for off-setting impacts for each reach found to require mitigation is attached as Appendix E.

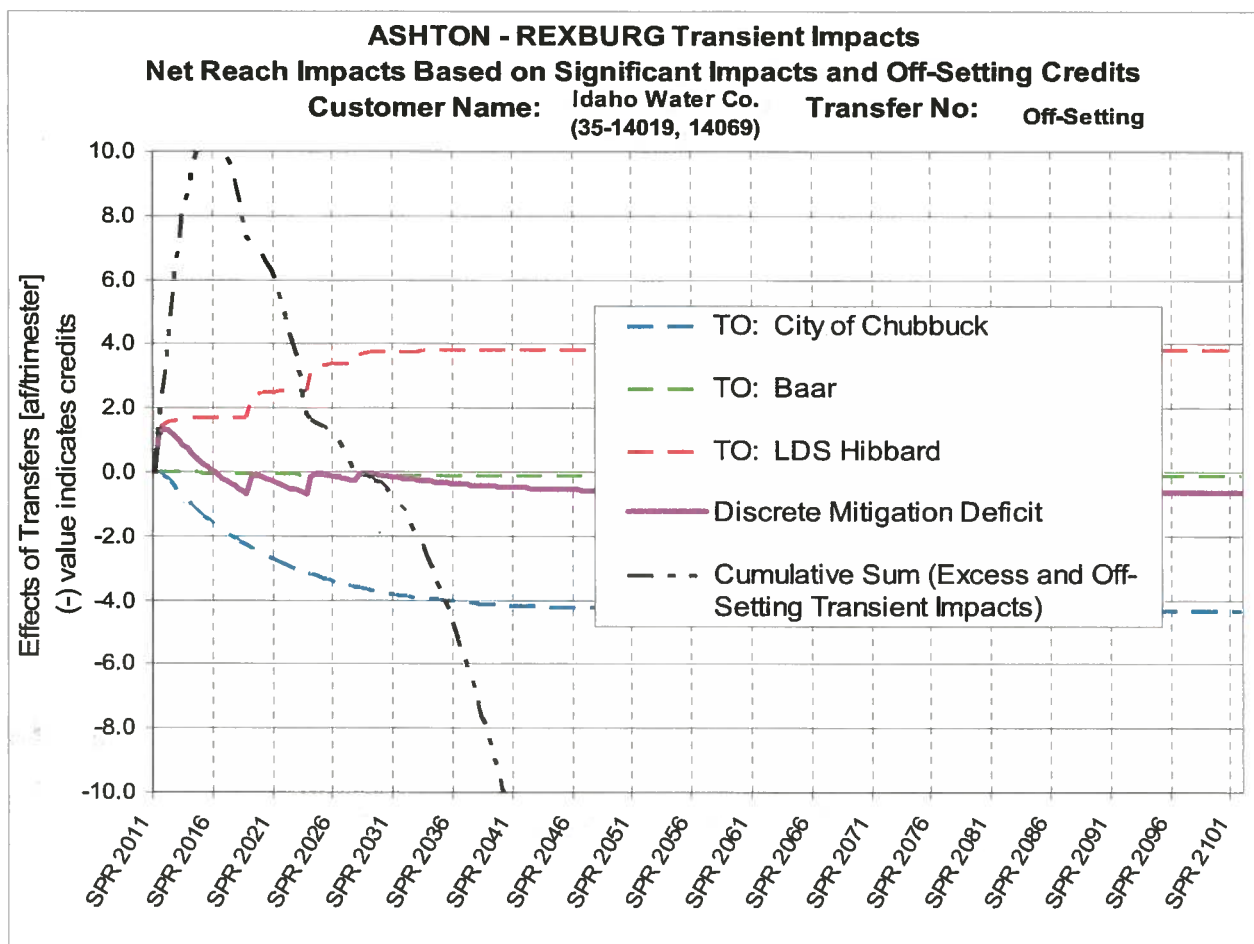


Chart 8: Ashton to Rexburg ESPA Reach Combined Transient Impacts

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Baar	TO: LDS Hibbard	SUM
	Ashton to Rexburg	Ashton to Rexburg	Ashton to Rexburg	Discrete Mitigation Deficit
WIN 2010	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00
SUM 2011	-0.02	0.00	1.14	1.11
WIN 2011	-0.09	0.00	1.42	1.32
SPR 2012	-0.20	0.00	1.52	1.32
SUM 2012	-0.34	-0.01	1.57	1.23
WIN 2012	-0.49	-0.01	1.60	1.11
SPR 2013	-0.64	-0.01	1.63	0.98
SUM 2013	-0.78	-0.01	1.64	0.85
WIN 2013	-0.92	-0.02	1.65	0.72
SPR 2014	-1.05	-0.02	1.66	0.60
SUM 2014	-1.16	-0.02	1.67	0.48
WIN 2014	-1.28	-0.03	1.67	0.37
SPR 2015	-1.38	-0.03	1.68	0.26
SUM 2015	-1.48	-0.03	1.68	0.16
WIN 2015	-1.58	-0.03	1.68	0.07
SPR 2016	-1.67	-0.04	1.68	-0.02

Table 11: Sample: Ashton to Rexburg Combined Transient Impacts
 (Full results attached as Appendix E.1)

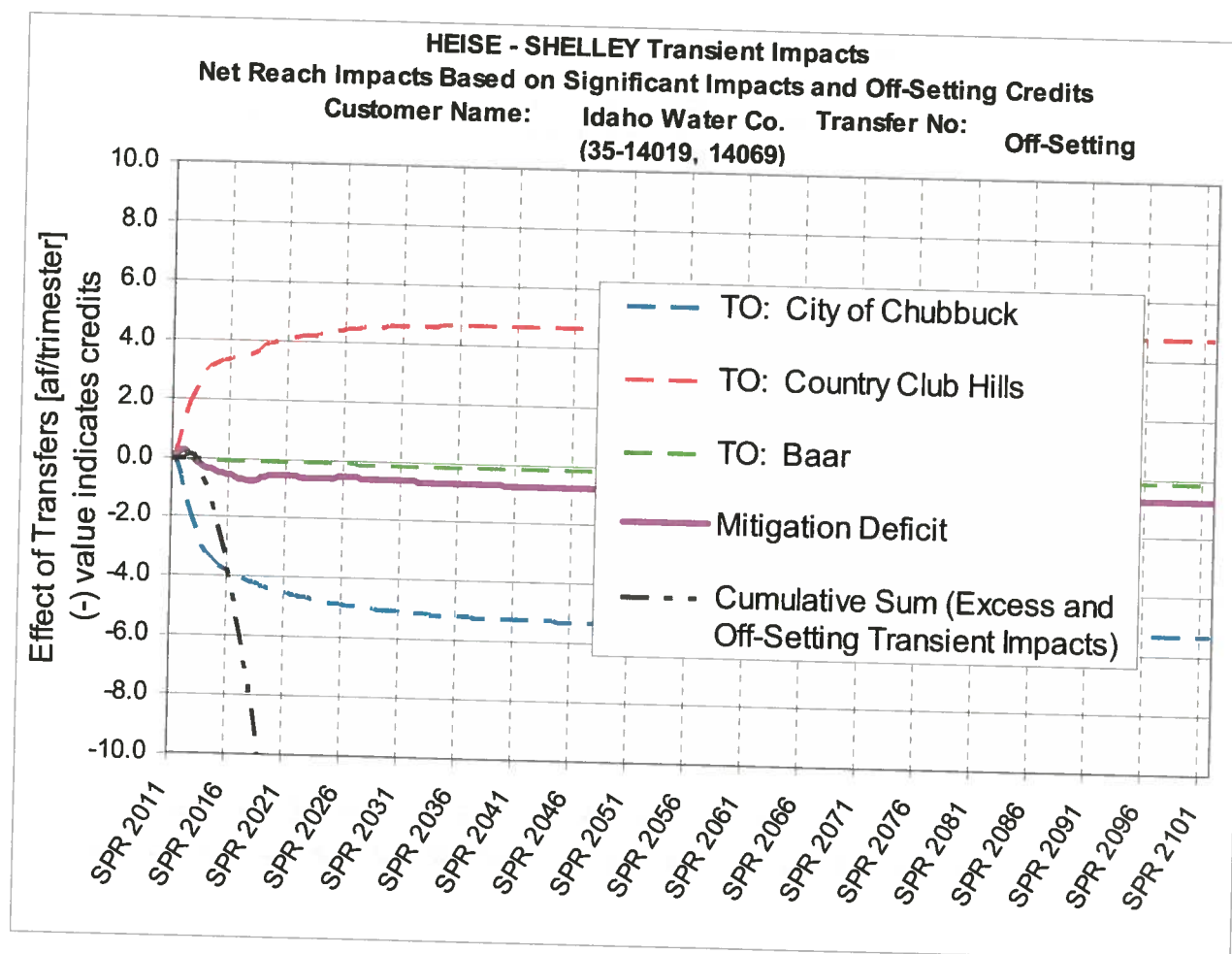


Chart 9: Heise to Shelley ESPA Reach Combined Transient Impacts

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	SUM
	Heise to Shelley	Heise to Shelley	Heise to Shelley	Mitigation Deficit
WIN 2010	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00
SUM 2011	-0.23	0.35	0.00	0.12
WIN 2011	-0.66	0.89	-0.01	0.22
SPR 2012	-1.18	1.41	-0.02	0.21
SUM 2012	-1.69	1.83	-0.03	0.11
WIN 2012	-2.14	2.13	-0.04	-0.04
SPR 2013	-2.51	2.40	-0.04	-0.16
SUM 2013	-2.81	2.63	-0.05	-0.24
WIN 2013	-3.05	2.82	-0.06	-0.29
SPR 2014	-3.25	2.97	-0.07	-0.35
SUM 2014	-3.40	3.08	-0.07	-0.39
WIN 2014	-3.53	3.17	-0.08	-0.44
SPR 2015	-3.63	3.23	-0.08	-0.48
SUM 2015	-3.72	3.29	-0.09	-0.52
WIN 2015	-3.80	3.33	-0.09	-0.56
SPR 2016	-3.87	3.37	-0.09	-0.60

Table 12: Sample: Heise to Shelley Combined Transient Impacts
(Full results attached as Appendix E.2)

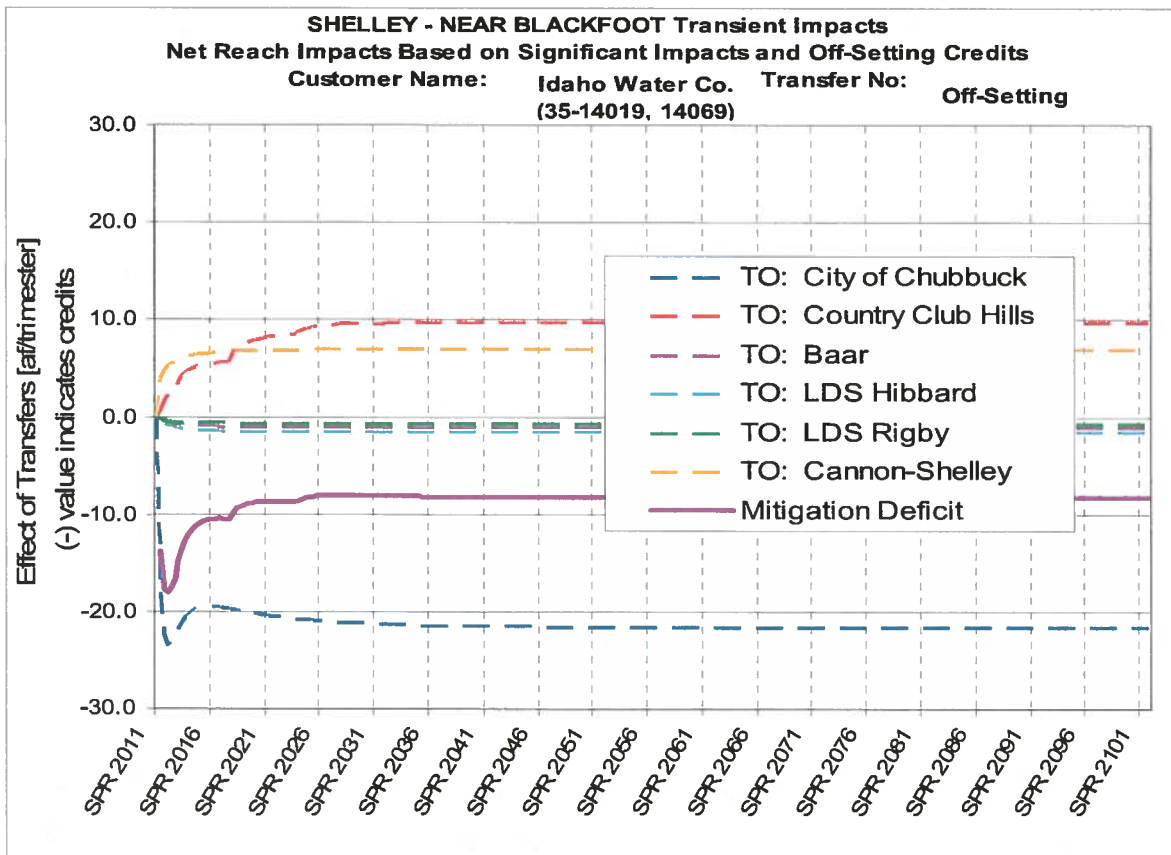


Chart 10: Shelley to Near Blackfoot ESPA Reach Combined Transient Impacts

TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]							
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	Mitigation Deficit
	Shelley to Nr Bckft	Shelley to Nr Bckft	Shelley to Nr Bckft	Shelley to Nr Bckft	Shelley to Nr Bckft	Shelley to Nr Bckft	
WIN 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2011	-17.35	0.64	-0.29	-0.43	-0.27	3.84	-13.87
WIN 2011	-22.49	1.55	-0.47	-0.69	-0.40	4.69	-17.80
SPR 2012	-23.54	2.14	-0.58	-0.85	-0.47	5.16	-18.14
SUM 2012	-23.30	2.49	-0.65	-0.96	-0.50	5.47	-17.45
WIN 2012	-22.65	2.72	-0.72	-1.05	-0.53	5.71	-16.53
SPR 2013	-21.94	3.57	-0.76	-1.13	-0.55	5.89	-14.92
SUM 2013	-21.29	4.15	-0.80	-1.18	-0.56	6.03	-13.66
WIN 2013	-20.74	4.53	-0.84	-1.23	-0.58	6.14	-12.72
SPR 2014	-20.32	4.79	-0.87	-1.27	-0.59	6.24	-12.02
SUM 2014	-20.00	4.98	-0.89	-1.31	-0.60	6.31	-11.51
WIN 2014	-19.78	5.13	-0.91	-1.34	-0.61	6.38	-11.13
SPR 2015	-19.64	5.24	-0.93	-1.37	-0.62	6.44	-10.87
SUM 2015	-19.55	5.34	-0.94	-1.39	-0.62	6.48	-10.69
WIN 2015	-19.51	5.41	-0.96	-1.41	-0.63	6.53	-10.57
SPR 2016	-19.51	5.48	-0.97	-1.43	-0.63	6.56	-10.50

Table 13: Sample: Shelley to Near Blackfoot Combined Transient Impacts
(Full results attached as Appendix E.3)

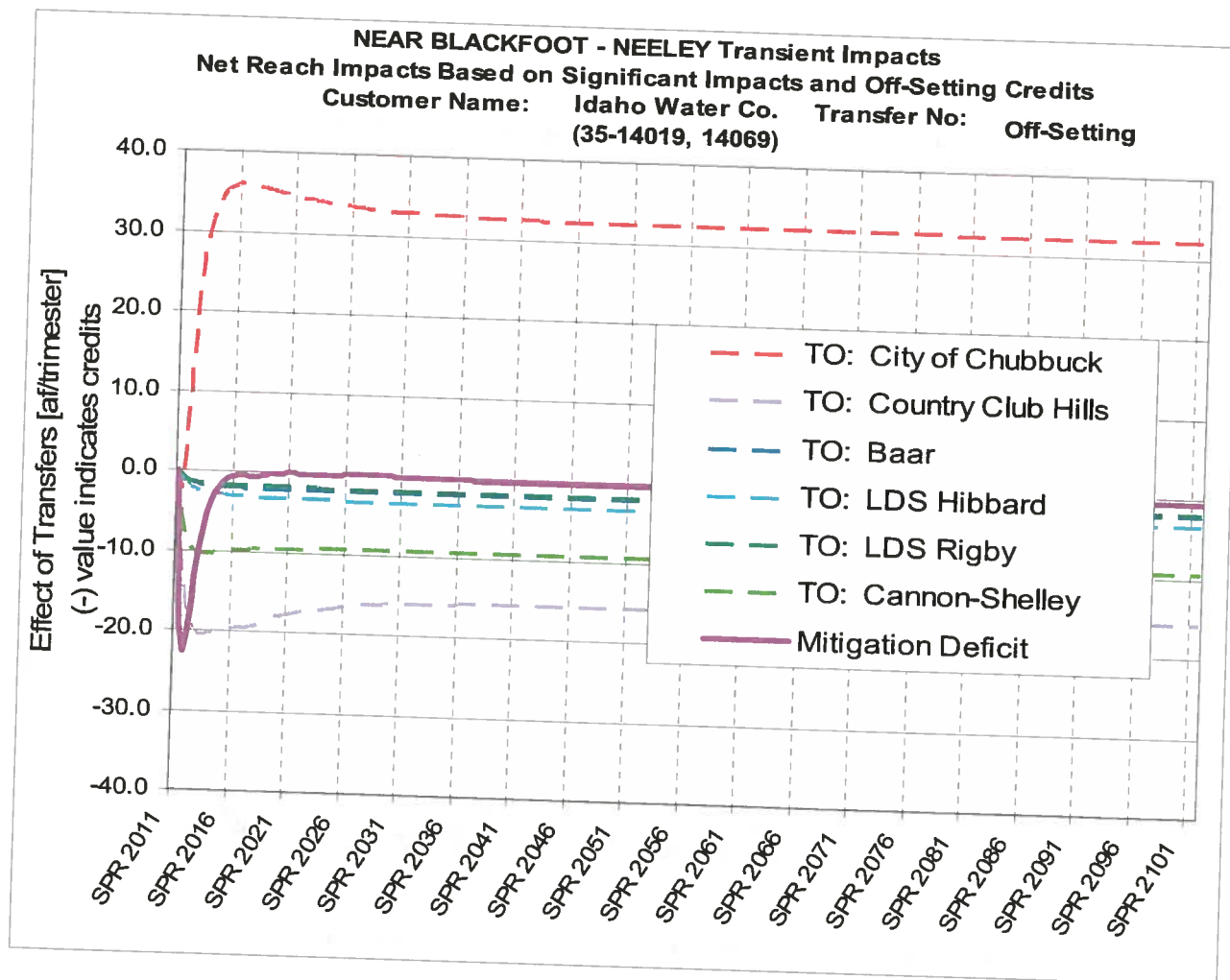


Chart 11: Near Blackfoot to Neeley ESPA Reach Combined Transient Impacts

	TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]						Mitigation Deficit
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	
	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	
WIN 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2011	-2.50	-9.61	-0.61	-0.90	-0.61	-5.41	-19.64
WIN 2011	4.08	-15.04	-1.01	-1.49	-1.00	-8.25	-22.72
SPR 2012	11.34	-17.82	-1.27	-1.87	-1.23	-9.55	-20.40
SUM 2012	17.60	-19.26	-1.45	-2.14	-1.38	-10.13	-16.74
WIN 2012	22.62	-20.04	-1.58	-2.33	-1.47	-10.36	-13.15
SPR 2013	26.49	-20.36	-1.67	-2.47	-1.54	-10.43	-9.98
SUM 2013	29.39	-20.43	-1.75	-2.59	-1.59	-10.42	-7.39
WIN 2013	31.52	-20.38	-1.81	-2.69	-1.62	-10.37	-5.36
SPR 2014	33.05	-20.27	-1.87	-2.77	-1.65	-10.31	-3.83
SUM 2014	34.13	-20.16	-1.91	-2.84	-1.68	-10.25	-2.70
WIN 2014	34.87	-20.04	-1.95	-2.90	-1.70	-10.18	-1.90
SPR 2015	35.36	-19.94	-1.98	-2.95	-1.72	-10.12	-1.34
SUM 2015	35.67	-19.84	-2.00	-3.00	-1.73	-10.06	-0.96
WIN 2015	35.85	-19.76	-2.03	-3.04	-1.75	-10.00	-0.72
SPR 2016	35.94	-19.68	-2.04	-3.07	-1.76	-9.96	-0.58

Table 14: Sample: Near Blackfoot to Neeley Combined Transient Impacts
 (Full results attached as Appendix E.4)

APPENDIX A

Table: Water Right Splits For Transfers

Water Right Split Worksheet

(Idaho Water Company "Brower" Rights 35-14019, 35-14069)

Existing Water Rights				
Water Right	Priority	Rate [cfs]	Volume [afa]	Acres
35-14019	8/19/1952	4.26	1232.0	308.0
35-14069	8/19/1952	4.01	1068.8	267.2
TOTAL:		8.28 Total	2300.8 combined	575.2 combined

Relative Fraction

100.0%
100.0%
100.00%

Transfer to City of Chubbuck				
Water Right	Priority	Rate [cfs]	Volume [afa]	Acres
35-14019*	8/19/1952	2.25	651.2	162.8
35-14069*	8/19/1952	1.84	488.8	122.2
TOTAL:		4.09 Total	1140.0 combined	285.0 combined

52.9%
45.7%
49.55%

Transfer To Country Club Hills				
Water Right	Priority	Rate [cfs]	Volume [afa]	Acres
35-14019*	8/19/1952	0.34	99.2	24.8
35-14069*	8/19/1952	0.41	108.0	27.0
TOTAL:		0.75 Total	207.2 afa	51.8 ac

8.1%
10.1%
9.01%

Transfer To Ted Baar				
Water Right	Priority	Rate [cfs]	Volume [afa]	Acres
35-14019*	8/19/1952	0.04	12.0	3.0
35-14069*	8/19/1952	0.00	0.0	0.0
TOTAL:		0.04 Total	12.0 afa	3.0 ac

1.0%
0.0%
0.52%

Transfer To LDS Site: Hibbard 2,3				
Water Right	Priority	Rate [cfs]	Volume [afa]	Acres
35-14019*	8/19/1952	0.00	0.0	0.0
35-14069*	8/19/1952	0.07	17.7	4.4
TOTAL:		0.07 Total	17.7 afa	4.4 ac

0.0%
1.7%
0.77%

Transfer To LDS Site: Rigby 11				
Water Right	Priority	Rate [cfs]	Volume [afa]	Acres
35-14019*	8/19/1952	0.00	0.0	0.0
35-14069*	8/19/1952	0.05	12.3	3.1
TOTAL:		0.05 Total	12.3 afa	3.1 ac

0.0%
1.2%
0.53%

Transfer to Cannon-Shelley Properties				
Water Right	Priority	Rate [cfs]	Volume [afa]	Acres
35-14019*	8/19/1952	0.43	125.6	31.4
35-14069*	8/19/1952	0.00	0	0
TOTAL:		0.43 Total	125.6 Total	31.4 Total

10.2%
0.0%
5.46%

Browers PPU Transfer				
Water Right	Priority	Diversion Rate	Diversion Volume	Acres
35-14019*	8/19/1952	1.18	340.0	85.0
35-14069*	8/19/1952	1.55	412.0	103.0
TOTAL:		2.73 Total	752.0 Total	188.0 Total

27.6%
38.5%
32.68%

Remaining Water Rights (Idaho Water Co.)				
Water Right	Priority	Diversion Rate	Diversion Volume	Acres
35-14019*	8/19/1952	0.01	4.0	1.0
35-14069*	8/19/1952	0.11	30.0	7.5
TOTAL:		0.12 Total	34.0 Total	8.5 Total

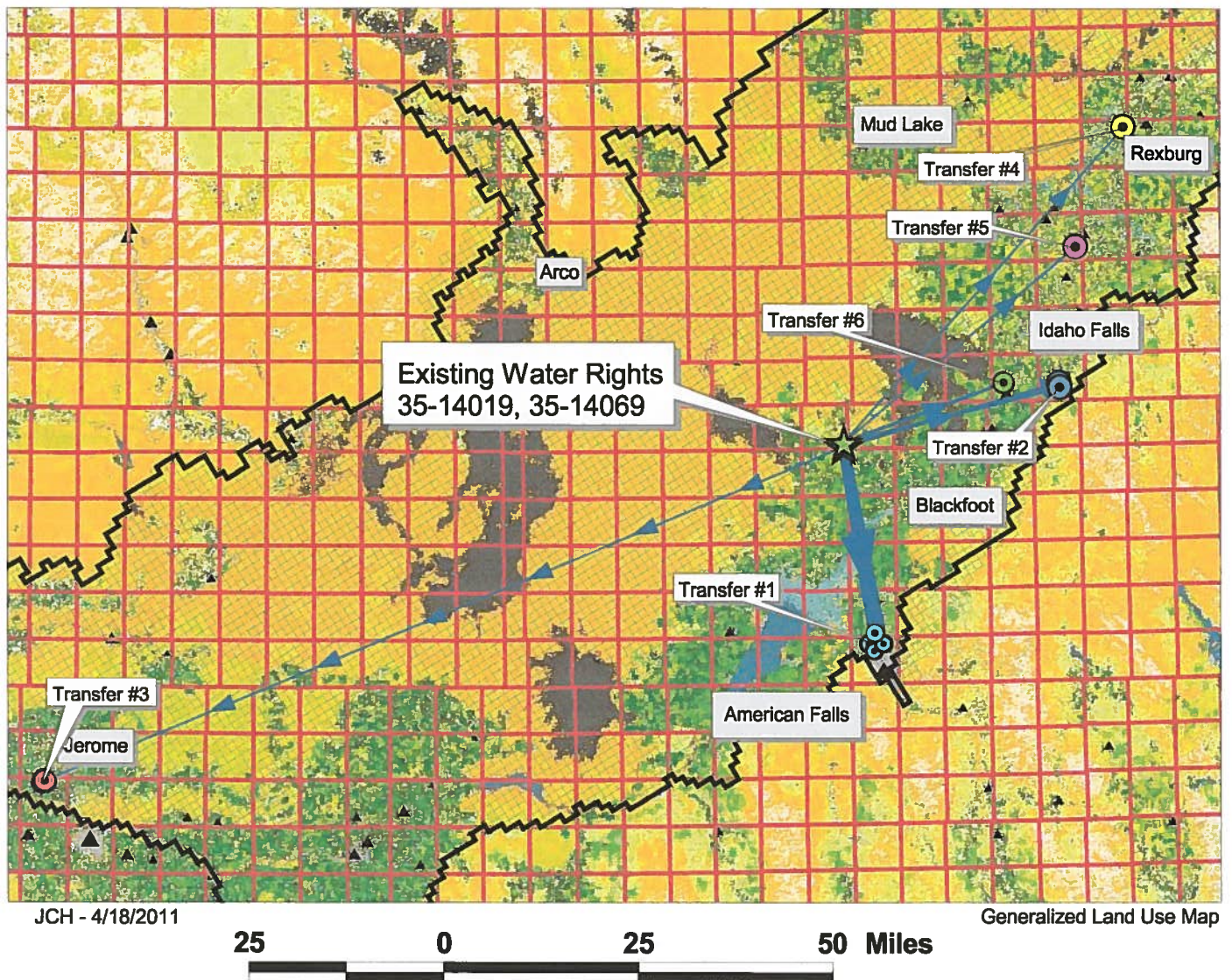
(J.D. Heiskell contract)
(LDS Church contract)

1.48%

APPENDIX B

Map: Diversion Locations In Relation to The ESPA

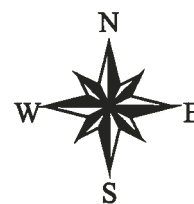
Idaho Water Company Off-Setting Transfers 35-14019, 14069) Diversion Locations Within The Eastern Snake Plain Aquifer Model



- Transfer #1: City of Chubbuck (285 ac)
- Transfer #2: Country Club Hills (51.8 ac)
- Transfer #3: Theodore Baar (3 ac)
- Transfer #4: LDS Church-Hibbard (4.4 ac)
- Transfer #5: LDS Church-Rigby (3.1 ac)
- Transfer #6: Cannon-Shelley Dairy (31.4ac)

- ★ 35-14019 Historical POD
- ★ 35-14069 Historical POD

- ESPA Model Boundary
- ESPA Model Cells
- Townships



APPENDIX B

APPENDIX C

ESPA Transfer Spreadsheet Input Summary

ESPA Transfer Spreadsheet Analysis: Data Entry Summary (Idaho Water Co. Off-Setting Transfers: 35-14019 & 14069)

TRANSFER NO:	Pending	PREPARED BY:	Jason C. Helms, P.E.
TRANSFER NAME:	Idaho Water Company : 35-14019,	DATE:	4/18/2011
		Transfer Tool Version	Version 3.1

WATER RIGHTS INVOLVED:

Group 1		Group 2		Group 3		HISTORIC BENEFICIAL USE:			
Transfer Rights		Additional Mitigation		Existing Falls Water		Trans/Mit.			
Right No.	Priority Date	Right No.	Priority Date	Right No.	Priority Date	(group no.)	Acres to Dry Up (ac)	Beneficial Use (af/yr)	Total (af/yr)
35-14019	8/19/1952					Model 1	285.0	1140.0	1140.0
35-14069	8/19/1952					Model 2	51.8	207.2	207.2
						Model 3	3	12	12.0
						Model 4	4.4	17.7	17.7
						Model 5	3.1	12.3	12.3
						Model 6	31.4	125.6	125.6
TOTAL:							378.7	1514.8	1514.8

MODEL 1 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	96	72	72	0
COLUMN	122	131	131	0
	6S34E-3	1S33E-36	1S33E-36	

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well (Projected Use)	Summer	2011	Winter	2101	1140.0	380.0	285.0	Full Use @ 100%
FROM1 Well (With Transfer) 35-14019	Summer	1952	Spring	2011	651.2	217.1	162.8	35-14019 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM1 Well (Without Transfer)	Summer	1952	Winter	2101	651.2	217.1	162.8	Historical and Projected Continuing use
FROM2 Well (With Transfer) 35-14069	Summer	1952	Spring	2011	488.8	162.9	122.2	35-14069 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM2 Well (Without Transfer)	Summer	1952	Winter	2101	488.8	162.9	122.2	Historical and Projected Continuing use
FROM3 Well	Not Used							

MODEL 2 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	80	72	72	0
COLUMN	159	131	131	0
	1N38E-28	1S33E-36	1S33E-36	

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well (Projected Use)	Summer	2011	Winter	2012	160.0	53.3	40.0	77% available years 1-2
	Spring	2013	Winter	2017	180.0	60.0	45.0	87% available years 3-7
	Spring	2018	Winter	2023	200.0	66.7	50.0	97% available years 8-13
	Spring	2024	Winter	2101	207.2	69.1	51.8	100% year 13 forward
FROM1 Well (With Transfer) 35-14019	Summer	1952	Spring	2011	99.2	33.1	24.8	35-14019 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM1 Well (Without Transfer)	Summer	1952	Winter	2101	99.2	33.1	24.8	Historical and Projected Continuing use
FROM2 Well (With Transfer) 35-14069	Summer	1952	Spring	2011	108.0	36.0	27.0	35-14069 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM2 Well (Without Transfer)	Summer	1952	Winter	2101	108.0	36.0	27.0	Historical and Projected Continuing use
FROM3 Well	Not Used							

ESPA Transfer Spreadsheet Analysis: Data Entry Summary (Idaho Water Co. Off-Setting Transfers: 35-14019 & 14069)

MODEL 3 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	55	72	72	0
COLUMN	21	131	131	0

9S16E-3 1S33E-36 1S33E-36

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well (Projected Use)	Summer	2011	Winter	2101	12.0	4.0	3.0	Full Use @ 100%
FROM1 Well (With Transfer) 35-14019	Summer	1952	Spring	2011	12.0	4.0	3.0	35-14019 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM1 Well (Without Transfer)	Summer	1952	Winter	2101	12.0	4.0	3.0	Historical and Projected Continuing use
FROM2 Well (With Transfer) 35-14069	Summer	1952	Spring	2011	0.0	0.0	0.0	35-14069 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM2 Well (Without Transfer)	Summer	1952	Spring	2101	0.0	0.0	0.0	Historical and Projected Continuing use
FROM3 Well	Not Used							

MODEL 4 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	56	72	72	0
COLUMN	183	131	131	0

6N39E-1 1S33E-36

Note Reduction in headgate volume included at TO location.

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well (Projected Use)	Summer	2011	Winter	2018	7.0	2.3	2.0	23% available years 1-8
	Spring	2019	Winter	2023	10.5	3.5	3.0	68% available years 9-13
	Spring	2024	Winter	2027	14.0	4.7	4.0	91% available years 14-17
	Spring	2028	Winter	2101	15.4	5.1	4.4	100% year 18 forward
FROM1 Well (With Transfer) 35-14019	Summer	1952	Spring	2011	0.0	0.0	0.0	35-14019 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM1 Well (Without Transfer)	Summer	1952	Winter	2101	0.0	0.0	0.0	Historical and Projected Continuing use
FROM2 Well (With Transfer) 35-14069	Summer	1952	Spring	2011	17.7	5.9	4.4	35-14069 Historical Use
	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM2 Well (Without Transfer)	Summer	1952	Spring	2101	17.7	5.9	4.4	Historical and Projected Continuing use
FROM3 Well	Not Used							

ESPA Transfer Spreadsheet Analysis: Data Entry Summary (Idaho Water Co. Off-Setting Transfers: 35-14019 & 14069)

MODEL 5 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	66	72	72	0
COLUMN	170	131	131	0

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well (Projected Use)	Summer	2011	Winter	2101	12.3	4.1	3.1	Full Use @ 100%
FROM1 Well (With Transfer)	Summer	1952	Spring	2011	0.0	0.0	0.0	35-14069 Historical Use
1S33E-36	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM1 Well (Without Transfer)	Summer	1952	Winter	2101	0.0	0.0	0.0	Historical and Projected Continuing use
FROM2 Well (With Transfer)	Summer	1952	Spring	2011	12.3	4.1	3.1	35-14069 Historical Use
35-14069	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM2 Well (Without Transfer)	Summer	1952	Spring	2101	12.3	4.1	3.1	Historical and Projected Continuing use
FROM3 Well	Not Used							

MODEL 6 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	76	72	72	0
COLUMN	153	131	131	0

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well (Projected Use)	Summer	2011	Winter	2101	125.6	41.9	31.4	Full Use @ 100%
FROM1 Well (With Transfer)	Summer	1952	Spring	2011	125.6	41.9	31.4	35-14019 Historical Use
35-14019	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM1 Well (Without Transfer)	Summer	1952	Winter	2101	125.6	41.9	31.4	Historical and Projected Continuing use
FROM2 Well (With Transfer)	Summer	1952	Spring	2011	0.0	0.0	0.0	35-14069 Historical Use
35-14069	Summer	2011	Winter	2101	0.0	0.0	0.0	Dried Up For Transfer following spring, 2011
FROM2 Well (Without Transfer)	Summer	1952	Spring	2101	0.0	0.0	0.0	Historical and Projected Continuing use
FROM3 Well	Not Used							

APPENDIX D

ESPA Transfer Spreadsheet Input Data

- Appendix D.1 Data Entry Table : Transfer #1 - City of Chubbuck
- Appendix D.2 Data Entry Table : Transfer #2 - Country Club Hills
- Appendix D.3 Data Entry Table: Transfer #3 - Theodore Baar
- Appendix D.4 Data Entry Table: Transfer #4 - LDS Church-Hibbard
- Appendix D.5 Data Entry Table: Transfer #5 - LDS Church-Rigby
- Appendix D.6 Data Entry Table: Transfer #6 - Cannon-Shelley Dairy

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

MODEL 1									
Data Entry: Residual and additional new impacts resulting from transfer of 35-14019, 35-14069									
TO The City of Chubbuck 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" BUTTON									
TRANSFER NO:		1 -offsetting							
YEAR		1952		TRANSFER NAME:		City of Chubbuck			
SEASON		1.319727891							
ENTER CELL LOCATIONS:		35-14019		35-14069					
		'TO' CELL		'FROM1' CELL		'FROM2' CELL		'FROM3' CELL	
ROW		96		72		72			
COLUMN		122		131		131			
		6S34E-3		1S33E-36		1S33E-36			
TRIMESTER		TO WELL		FROM1 WELL		FROM2 WELL		FROM3 WELL	
OF ACTIVITY		Projected Use AF/TRIMESTER		With Transfer AF/TRIMESTER		Without Transfer AF/TRIMESTER		With Transfer AF/TRIMESTER	
		0.0		0.0		0.0		0.0	
SUM 1952		0.0		217.1		217.1		162.9	
WIN 2009		0.0		217.1		217.1		162.9	
SPR 2010		0.0		217.1		217.1		162.9	
SUM 2010		0.0		217.1		217.1		162.9	
WIN 2010		0.0		217.1		217.1		162.9	
SPR 2011		0.0		217.1		217.1		162.9	
SUM 2011		380.0		0.0		217.1		0.0	
WIN 2011		380.0		0.0		217.1		0.0	
SPR 2012		380.0		0.0		217.1		0.0	
SUM 2012		380.0		0.0		217.1		0.0	
WIN 2012		380.0		0.0		217.1		0.0	
SPR 2013		380.0		0.0		217.1		0.0	
SUM 2013		380.0		0.0		217.1		0.0	
WIN 2013		380.0		0.0		217.1		0.0	
SPR 2014		380.0		0.0		217.1		0.0	
SUM 2014		380.0		0.0		217.1		0.0	
WIN 2014		380.0		0.0		217.1		0.0	
SPR 2015		380.0		0.0		217.1		0.0	
SUM 2015		380.0		0.0		217.1		0.0	
WIN 2015		380.0		0.0		217.1		0.0	
SPR 2016		380.0		0.0		217.1		0.0	
SUM 2016		380.0		0.0		217.1		0.0	
WIN 2016		380.0		0.0		217.1		0.0	
SPR 2017		380.0		0.0		217.1		0.0	
SUM 2017		380.0		0.0		217.1		0.0	
WIN 2017		380.0		0.0		217.1		0.0	
SPR 2018		380.0		0.0		217.1		0.0	
SUM 2018		380.0		0.0		217.1		0.0	
WIN 2018		380.0		0.0		217.1		0.0	
SPR 2019		380.0		0.0		217.1		0.0	
SUM 2099		380.0		0.0		217.1		0.0	
WIN 2099		380.0		0.0		217.1		0.0	
SPR 2100		380.0		0.0		217.1		0.0	
SUM 2100		380.0		0.0		217.1		0.0	
WIN 2100		380.0		0.0		217.1		0.0	
SPR 2101		380.0		0.0		217.1		0.0	
SUM 2101		380.0		0.0		217.1		0.0	
WIN 2101		380.0		0.0		217.1		0.0	

Idaho Water Company Off-Setting Transfers 35-14019 & 35-14069

MODEL 2									
Data Entry: Residual and additional new impacts resulting from transfer of 35-14019 & 35-14069									
TO Country Club Hills Subdivision within TWP 1N, RNG. 38E, Section 28									
Cells this color are set up for user entries									
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON									
YEAR		1952		TRANSFER NO:		2 -offsetting			
SEASON				TRANSFER NAME:		Country Club Hills		51.8	
								24.8	
								1.319727891	
ENTER CELL LOCATIONS:									
		35-14019		35-14069					
		'FROM1' CELL		'FROM2' CELL		'FROM3' CELL			
ROW	TO CELL	80	72	72		35-14019	8/19/1952	99.2	
COLUMN	159	131	131			35-14069	8/19/1952	108.0	
	1N38E-28	1S33E-36	1S33E-36			Total		207.2	
TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL			
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER		
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1952	0.0	33.1	33.1	36.0	36.0	0.0	0.0	0.0	
WIN 2009	0.0	33.1	33.1	36.0	36.0	0.0	0.0	0.0	
SPR 2010	0.0	33.1	33.1	36.0	36.0	0.0	0.0	0.0	
SUM 2010	0.0	33.1	33.1	36.0	36.0	0.0	0.0	0.0	
WIN 2010	0.0	33.1	33.1	36.0	36.0	0.0	0.0	0.0	
SPR 2011	0.0	33.1	33.1	36.0	36.0	0.0	0.0	0.0	
SUM 2011	53.3	0.0	33.1	36.0	36.0	0.0	0.0	0.0	
WIN 2011	53.3	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2012	53.3	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2012	53.3	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2012	53.3	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2013	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2013	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2013	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2014	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2014	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2014	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2015	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2015	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2015	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2016	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2016	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2016	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2017	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2017	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2017	60.0	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2018	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2018	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2018	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2019	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2019	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2019	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2020	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2020	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2020	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2021	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2021	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2021	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2022	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2022	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2022	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2023	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2023	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2023	66.7	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2024	69.1	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2024	69.1	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2024	69.1	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2025	69.1	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SUM 2025	69.1	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
WIN 2025	69.1	0.0	33.1	0.0	36.0	0.0	0.0	0.0	
SPR 2026	69.1	0.0	33.1	0.0	36.0	0.0	0.0	0.0	

JCH - 4/18/2011

APPENDIX D.2

Model 2: Data Entry Table

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

MODEL 3							
Data Entry: Residual and additional new impacts resulting from transfer of 35-14019							
TO Baar Property. within TWP 9S, RNG. 16E, Section 3							
Cells this color are set up for user entries							
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON							
TRANSFER NO:		3 -offsetting					
YEAR		1952					
SEASON		Baar					
ENTER CELL LOCATIONS:		35-14019		35-14069			
TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL	35-14019	8/19/1952	12.0	
55	72	72		35-14069	8/19/1952	0.0	
21	131	131		Total			12.0
TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM2 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	FROM3 WELL With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	4.0	4.0	0.0	0.0	0.0	0.0
WIN 2009	0.0	4.0	4.0	0.0	0.0	0.0	0.0
SPR 2010	0.0	4.0	4.0	0.0	0.0	0.0	0.0
SUM 2010	0.0	4.0	4.0	0.0	0.0	0.0	0.0
WIN 2010	0.0	4.0	4.0	0.0	0.0	0.0	0.0
SPR 2011	0.0	4.0	4.0	0.0	0.0	0.0	0.0
SUM 2011	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2011	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2012	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2012	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2012	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2013	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2013	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2013	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2014	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2014	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2014	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2015	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2015	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2015	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2016	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2016	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2016	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2017	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2017	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2017	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2018	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2018	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2018	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2019	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2099	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2100	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2100	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2100	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SPR 2101	4.0	0.0	4.0	0.0	0.0	0.0	0.0
SUM 2101	4.0	0.0	4.0	0.0	0.0	0.0	0.0
WIN 2101	4.0	0.0	4.0	0.0	0.0	0.0	0.0

Idaho Water Company

Off-Setting Transfers 35-14019 & 35-14069

MODEL 4									
Data Entry: Residual and additional new impacts resulting from transfer of 35-14069									
TO LDS-Hibbard Stake Center within TWP 6N, RNG.39E, Section 1									
Cells this color are set up for user entries									
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON		TRANSFER NO:							
YEAR		1952		TRANSFER NAME:					
SEASON		LDS Hibbard							
						3.9			
						0			
						1.319727891			
ENTER CELL LOCATIONS:		35-14019		35-14069					
TO CELL		FROM1 CELL		FROM2 CELL		FROM3 CELL			
56		72		72		35-14019		8/19/1952	
183		131		131		35-14069		8/19/1952	
								Total	
								15.5	
(Includes Volume Reduction for Climatic Change in Annual Use = 3.5 afa/ac)									
TRIMESTER OF ACTIVITY	TO WELL		FROM1 WELL		FROM2 WELL		FROM3 WELL		
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER		
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1952	0.0	0.0	0.0	0.0	5.9	5.9	0.0	0.0	0.0
WIN 2009	0.0	0.0	0.0	0.0	5.9	5.9	0.0	0.0	0.0
SPR 2010	0.0	0.0	0.0	0.0	5.9	5.9	0.0	0.0	0.0
SUM 2010	0.0	0.0	0.0	0.0	5.9	5.9	0.0	0.0	0.0
WIN 2010	0.0	0.0	0.0	0.0	5.9	5.9	0.0	0.0	0.0
SPR 2011	0.0	0.0	0.0	0.0	5.9	5.9	0.0	0.0	0.0
SUM 2011	2.3	0.0	0.0	0.0	5.9	5.9	0.0	0.0	0.0
WIN 2011	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2012	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2012	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2012	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2013	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2013	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2013	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2014	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2014	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2014	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2015	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2015	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2015	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2016	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2016	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2016	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2017	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2017	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2017	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2018	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2018	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2018	2.3	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2019	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2019	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2019	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2020	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2020	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2020	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2021	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2021	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2021	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2022	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2022	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2022	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2023	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2023	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2023	3.5	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2024	4.7	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SUM 2024	4.7	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
WIN 2024	4.7	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
SPR 2025	4.7	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0

Idaho Water Company
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SUM 2025	4.7	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2025	4.7	0.0	0.0	0.0	5.9	0.0	0.0
SPR 2026	4.7	0.0	0.0	0.0	5.9	0.0	0.0
SUM 2026	4.7	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2026	4.7	0.0	0.0	0.0	5.9	0.0	0.0
SPR 2027	4.7	0.0	0.0	0.0	5.9	0.0	0.0
SUM 2027	4.7	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2027	4.7	0.0	0.0	0.0	5.9	0.0	0.0
SPR 2028	5.1	0.0	0.0	0.0	5.9	0.0	0.0
SUM 2028	5.1	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2028	5.1	0.0	0.0	0.0	5.9	0.0	0.0
SPR 2029	5.1	0.0	0.0	0.0	5.9	0.0	0.0
SUM 2029	5.1	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2029	5.1	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2099	5.1	0.0	0.0	0.0	5.9	0.0	0.0
SPR 2100	5.1	0.0	0.0	0.0	5.9	0.0	0.0
SUM 2100	5.1	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2100	5.1	0.0	0.0	0.0	5.9	0.0	0.0
SPR 2101	5.1	0.0	0.0	0.0	5.9	0.0	0.0
SUM 2101	5.1	0.0	0.0	0.0	5.9	0.0	0.0
WIN 2101	5.1	0.0	0.0	0.0	5.9	0.0	0.0

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

MODEL 5									
Data Entry: Residual and additional new impacts resulting from transfer of 35-14069									
TO LDS-Rigby 11 Stake Center within TWP 4N, RNG.38E, Section 25									
Cells this color are set up for user entries									
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON									
TRANSFER NO:		5 -offsetting							
YEAR		1952							
SEASON		LDS Rigby							
ENTER CELL LOCATIONS:									
		35-14019	35-14069						
		'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL				
ROW		66	72	72					
COLUMN		170	131	131					
		4N38E-25	1S33E-36	1S33E-36					
					35-14019	8/19/1952	0.0		
					35-14069	8/19/1952	12.3		
					Total				12.3
TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL			
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER		
SPR 1952	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
SUM 1952	0.0	0.0	0.0	0.0	4.1	4.1	0.0		
WIN 2009	0.0	0.0	0.0	0.0	4.1	4.1	0.0		
SPR 2010	0.0	0.0	0.0	0.0	4.1	4.1	0.0		
SUM 2010	0.0	0.0	0.0	0.0	4.1	4.1	0.0		
WIN 2010	0.0	0.0	0.0	0.0	4.1	4.1	0.0		
SPR 2011	0.0	0.0	0.0	0.0	4.1	4.1	0.0		
SUM 2011	4.1	0.0	0.0	0.0	4.1	4.1	0.0		
WIN 2011	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2012	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2012	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2012	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2013	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2013	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2013	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2014	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2014	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2014	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2015	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2015	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2015	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2016	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2016	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2016	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2017	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2017	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2017	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2018	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2018	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2018	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2019	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2019	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2019	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2099	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2100	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2100	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2100	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SPR 2101	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
SUM 2101	4.1	0.0	0.0	0.0	0.0	4.1	0.0		
WIN 2101	4.1	0.0	0.0	0.0	0.0	4.1	0.0		

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

MODEL 6							
Data Entry: Residual and additional new impacts resulting from transfer of 35-14019							
TO Cannon-Shelley Dairy within TWP 1N, RNG. 37E, Section 20							
Cells this color are set up for user entries							
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON							
TRANSFER NO:		6 -offsetting					
YEAR		1952					
SEASON		Cannon-Shelley					
TRANSFER NAME:							
ENTER CELL LOCATIONS:		35-14019		35-14069			
TO' CELL		'FROM1' CELL		'FROM2' CELL		'FROM3' CELL	
ROW		76		72		72	
COLUMN		153		131		131	
1N37E-20		1S33E-36		1S33E-36			
TRIMESTER OF ACTIVITY		Projected Use AF/TRIMESTER		With Transfer AF/TRIMESTER		Without Transfer AF/TRIMESTER	
SPR 1952		0.0		0.0		0.0	
SUM 1952		0.0		41.9		41.9	
WIN 1952		0.0		41.9		41.9	
WIN 2009		0.0		41.9		41.9	
SPR 2010		0.0		41.9		41.9	
SUM 2010		0.0		41.9		41.9	
WIN 2010		0.0		41.9		41.9	
SPR 2011		0.0		41.9		41.9	
SUM 2011		41.9		0.0		41.9	
WIN 2011		41.9		0.0		41.9	
SPR 2012		41.9		0.0		41.9	
SUM 2012		41.9		0.0		41.9	
WIN 2012		41.9		0.0		41.9	
SPR 2013		41.9		0.0		41.9	
SUM 2013		41.9		0.0		41.9	
WIN 2013		41.9		0.0		41.9	
SPR 2014		41.9		0.0		41.9	
SUM 2014		41.9		0.0		41.9	
WIN 2014		41.9		0.0		41.9	
SPR 2015		41.9		0.0		41.9	
SUM 2015		41.9		0.0		41.9	
WIN 2015		41.9		0.0		41.9	
SPR 2016		41.9		0.0		41.9	
SUM 2016		41.9		0.0		41.9	
WIN 2016		41.9		0.0		41.9	
SPR 2017		41.9		0.0		41.9	
SUM 2017		41.9		0.0		41.9	
WIN 2017		41.9		0.0		41.9	
SPR 2018		41.9		0.0		41.9	
SUM 2018		41.9		0.0		41.9	
WIN 2018		41.9		0.0		41.9	
SPR 2019		41.9		0.0		41.9	
SUM 2019		41.9		0.0		41.9	
WIN 2019		41.9		0.0		41.9	
WIN 2099		41.9		0.0		41.9	
SPR 2100		41.9		0.0		41.9	
SUM 2100		41.9		0.0		41.9	
WIN 2100		41.9		0.0		41.9	
SPR 2101		41.9		0.0		41.9	
SUM 2101		41.9		0.0		41.9	
WIN 2101		41.9		0.0		41.9	

APPENDIX E

Combined ESPA Reach Results

Table E.1	Combined Impacts: Ashton To Rexburg
Table E.2	Combined Impacts: Heise To Shelley
Table E.3	Combined Impacts: Shelley To Near Blackfoot
Table E.4	Combined Impacts: Near Blackfoot To Neeley

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Baar	TO: LDS Hibbard	SUM
	Ashton to Rexburg	Ashton to Rexburg	Ashton to Rexburg	Discrete Mitigation Deficit
WIN 2010	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00
SUM 2011	-0.02	0.00	1.14	1.11
WIN 2011	-0.09	0.00	1.42	1.32
SPR 2012	-0.20	0.00	1.52	1.32
SUM 2012	-0.34	-0.01	1.57	1.23
WIN 2012	-0.49	-0.01	1.60	1.11
SPR 2013	-0.64	-0.01	1.63	0.98
SUM 2013	-0.78	-0.01	1.64	0.85
WIN 2013	-0.92	-0.02	1.65	0.72
SPR 2014	-1.05	-0.02	1.66	0.60
SUM 2014	-1.16	-0.02	1.67	0.48
WIN 2014	-1.28	-0.03	1.67	0.37
SPR 2015	-1.38	-0.03	1.68	0.26
SUM 2015	-1.48	-0.03	1.68	0.16
WIN 2015	-1.58	-0.03	1.68	0.07
SPR 2016	-1.67	-0.04	1.68	-0.02
SUM 2016	-1.76	-0.04	1.68	-0.11
WIN 2016	-1.84	-0.04	1.68	-0.20
SPR 2017	-1.92	-0.04	1.68	-0.28
SUM 2017	-2.00	-0.05	1.68	-0.37
WIN 2017	-2.08	-0.05	1.68	-0.45
SPR 2018	-2.16	-0.05	1.68	-0.52
SUM 2018	-2.23	-0.05	1.68	-0.60
WIN 2018	-2.30	-0.06	1.68	-0.67
SPR 2019	-2.37	-0.06	2.25	-0.18
SUM 2019	-2.44	-0.06	2.39	-0.10
WIN 2019	-2.50	-0.06	2.44	-0.12
SPR 2020	-2.57	-0.06	2.47	-0.16
SUM 2020	-2.63	-0.07	2.49	-0.21
WIN 2020	-2.69	-0.07	2.50	-0.25
SPR 2021	-2.74	-0.07	2.51	-0.31
SUM 2021	-2.80	-0.07	2.51	-0.36
WIN 2021	-2.85	-0.07	2.52	-0.41
SPR 2022	-2.91	-0.07	2.52	-0.46
SUM 2022	-2.96	-0.08	2.53	-0.51
WIN 2022	-3.01	-0.08	2.53	-0.55
SPR 2023	-3.06	-0.08	2.53	-0.60
SUM 2023	-3.10	-0.08	2.54	-0.65
WIN 2023	-3.15	-0.08	2.54	-0.69
SPR 2024	-3.19	-0.08	3.11	-0.17
SUM 2024	-3.23	-0.09	3.25	-0.07
WIN 2024	-3.27	-0.09	3.30	-0.05
SPR 2025	-3.31	-0.09	3.33	-0.07
SUM 2025	-3.35	-0.09	3.35	-0.09
WIN 2025	-3.38	-0.09	3.36	-0.11
SPR 2026	-3.42	-0.09	3.37	-0.14
SUM 2026	-3.45	-0.09	3.38	-0.16

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Baar	TO: LDS Hibbard	SUM
	Ashton to Rexburg	Ashton to Rexburg	Ashton to Rexburg	Discrete Mitigation Deficit
WIN 2026	-3.49	-0.09	3.39	-0.19
SPR 2027	-3.52	-0.09	3.40	-0.22
SUM 2027	-3.55	-0.10	3.40	-0.24
WIN 2027	-3.58	-0.10	3.40	-0.27
SPR 2028	-3.61	-0.10	3.63	-0.07
SUM 2028	-3.63	-0.10	3.70	-0.04
WIN 2028	-3.66	-0.10	3.72	-0.04
SPR 2029	-3.68	-0.10	3.73	-0.05
SUM 2029	-3.71	-0.10	3.74	-0.07
WIN 2029	-3.73	-0.10	3.75	-0.08
SPR 2030	-3.75	-0.10	3.75	-0.10
SUM 2030	-3.78	-0.10	3.76	-0.12
WIN 2030	-3.80	-0.10	3.76	-0.14
SPR 2031	-3.82	-0.10	3.77	-0.15
SUM 2031	-3.84	-0.10	3.77	-0.17
WIN 2031	-3.85	-0.10	3.77	-0.19
SPR 2032	-3.87	-0.11	3.78	-0.20
SUM 2032	-3.89	-0.11	3.78	-0.22
WIN 2032	-3.91	-0.11	3.78	-0.23
SPR 2033	-3.92	-0.11	3.78	-0.25
SUM 2033	-3.94	-0.11	3.78	-0.26
WIN 2033	-3.95	-0.11	3.79	-0.27
SPR 2034	-3.97	-0.11	3.79	-0.29
SUM 2034	-3.98	-0.11	3.79	-0.30
WIN 2034	-3.99	-0.11	3.79	-0.31
SPR 2035	-4.01	-0.11	3.79	-0.33
SUM 2035	-4.02	-0.11	3.79	-0.34
WIN 2035	-4.03	-0.11	3.79	-0.35
SPR 2036	-4.04	-0.11	3.79	-0.36
SUM 2036	-4.05	-0.11	3.80	-0.37
WIN 2036	-4.06	-0.11	3.80	-0.38
SPR 2037	-4.07	-0.11	3.80	-0.39
SUM 2037	-4.08	-0.11	3.80	-0.40
WIN 2037	-4.09	-0.11	3.80	-0.41
SPR 2038	-4.10	-0.11	3.80	-0.42
SUM 2038	-4.11	-0.11	3.80	-0.42
WIN 2038	-4.12	-0.11	3.80	-0.43
SPR 2039	-4.13	-0.11	3.80	-0.44
SUM 2039	-4.14	-0.11	3.80	-0.45
WIN 2039	-4.14	-0.11	3.80	-0.45
SPR 2040	-4.15	-0.11	3.80	-0.46
SUM 2040	-4.16	-0.11	3.80	-0.47
WIN 2040	-4.16	-0.11	3.80	-0.47
SPR 2041	-4.17	-0.11	3.80	-0.48
SUM 2041	-4.18	-0.11	3.80	-0.49
WIN 2041	-4.18	-0.11	3.80	-0.49
SPR 2042	-4.19	-0.12	3.81	-0.50
SUM 2042	-4.19	-0.12	3.81	-0.50

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Baar	TO: LDS Hibbard	SUM
	Ashton to Rexburg	Ashton to Rexburg	Ashton to Rexburg	Discrete Mitigation Deficit
WIN 2042	-4.20	-0.12	3.81	-0.51
SPR 2043	-4.20	-0.12	3.81	-0.51
SUM 2043	-4.21	-0.12	3.81	-0.52
WIN 2043	-4.21	-0.12	3.81	-0.52
SPR 2044	-4.22	-0.12	3.81	-0.53
SUM 2044	-4.22	-0.12	3.81	-0.53
WIN 2044	-4.23	-0.12	3.81	-0.54
SPR 2045	-4.23	-0.12	3.81	-0.54
SUM 2045	-4.23	-0.12	3.81	-0.54
WIN 2045	-4.24	-0.12	3.81	-0.55
SPR 2046	-4.24	-0.12	3.81	-0.55
SUM 2046	-4.25	-0.12	3.81	-0.55
WIN 2046	-4.25	-0.12	3.81	-0.56
SPR 2047	-4.25	-0.12	3.81	-0.56
SUM 2047	-4.26	-0.12	3.81	-0.56
WIN 2047	-4.26	-0.12	3.81	-0.57
SPR 2048	-4.26	-0.12	3.81	-0.57
SUM 2048	-4.26	-0.12	3.81	-0.57
WIN 2048	-4.27	-0.12	3.81	-0.57
SPR 2049	-4.27	-0.12	3.81	-0.58
SUM 2049	-4.27	-0.12	3.81	-0.58
WIN 2049	-4.27	-0.12	3.81	-0.58
SPR 2050	-4.28	-0.12	3.81	-0.58
SUM 2050	-4.28	-0.12	3.81	-0.59
WIN 2050	-4.28	-0.12	3.81	-0.59
SPR 2051	-4.28	-0.12	3.81	-0.59
SUM 2051	-4.29	-0.12	3.81	-0.59
WIN 2051	-4.29	-0.12	3.81	-0.60
SPR 2052	-4.29	-0.12	3.81	-0.60
SUM 2052	-4.29	-0.12	3.81	-0.60
WIN 2052	-4.29	-0.12	3.81	-0.60
SPR 2053	-4.30	-0.12	3.81	-0.60
SUM 2053	-4.30	-0.12	3.81	-0.60
WIN 2053	-4.30	-0.12	3.81	-0.61
SPR 2054	-4.30	-0.12	3.81	-0.61
SUM 2054	-4.30	-0.12	3.81	-0.61
WIN 2054	-4.30	-0.12	3.81	-0.61
SPR 2055	-4.30	-0.12	3.81	-0.61
SUM 2055	-4.31	-0.12	3.81	-0.61
WIN 2055	-4.31	-0.12	3.81	-0.61
SPR 2056	-4.31	-0.12	3.81	-0.62
SUM 2056	-4.31	-0.12	3.81	-0.62
WIN 2056	-4.31	-0.12	3.81	-0.62
SPR 2057	-4.31	-0.12	3.81	-0.62
SUM 2057	-4.31	-0.12	3.81	-0.62
WIN 2057	-4.31	-0.12	3.81	-0.62
SPR 2058	-4.32	-0.12	3.81	-0.62
SUM 2058	-4.32	-0.12	3.81	-0.62

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Baar	TO: LDS Hibbard	SUM
	Ashton to Rexburg	Ashton to Rexburg	Ashton to Rexburg	Discrete Mitigation Deficit
WIN 2058	-4.32	-0.12	3.81	-0.62
SPR 2059	-4.32	-0.12	3.81	-0.63
SUM 2059	-4.32	-0.12	3.81	-0.63
WIN 2059	-4.32	-0.12	3.81	-0.63
SPR 2060	-4.32	-0.12	3.81	-0.63
SUM 2060	-4.32	-0.12	3.81	-0.63
WIN 2060	-4.32	-0.12	3.81	-0.63
SPR 2061	-4.32	-0.12	3.81	-0.63
SUM 2061	-4.32	-0.12	3.81	-0.63
WIN 2061	-4.32	-0.12	3.81	-0.63
SPR 2062	-4.33	-0.12	3.81	-0.63
SUM 2062	-4.33	-0.12	3.81	-0.63
WIN 2062	-4.33	-0.12	3.81	-0.63
SPR 2063	-4.33	-0.12	3.81	-0.63
SUM 2063	-4.33	-0.12	3.81	-0.63
WIN 2063	-4.33	-0.12	3.81	-0.64
SPR 2064	-4.33	-0.12	3.81	-0.64
SUM 2064	-4.33	-0.12	3.81	-0.64
WIN 2064	-4.33	-0.12	3.81	-0.64
SPR 2065	-4.33	-0.12	3.81	-0.64
SUM 2065	-4.33	-0.12	3.81	-0.64
WIN 2065	-4.33	-0.12	3.81	-0.64
SPR 2066	-4.33	-0.12	3.81	-0.64
SUM 2066	-4.33	-0.12	3.81	-0.64
WIN 2066	-4.33	-0.12	3.81	-0.64
SPR 2067	-4.33	-0.12	3.81	-0.64
SUM 2067	-4.33	-0.12	3.81	-0.64
WIN 2067	-4.33	-0.12	3.81	-0.64
SPR 2068	-4.33	-0.12	3.81	-0.64
SUM 2068	-4.34	-0.12	3.81	-0.64
WIN 2068	-4.34	-0.12	3.81	-0.64
SPR 2069	-4.34	-0.12	3.81	-0.64
SUM 2069	-4.34	-0.12	3.81	-0.64
WIN 2069	-4.34	-0.12	3.81	-0.64
SPR 2070	-4.34	-0.12	3.81	-0.64
SUM 2070	-4.34	-0.12	3.81	-0.64
WIN 2070	-4.34	-0.12	3.81	-0.64
SPR 2071	-4.34	-0.12	3.81	-0.65
SUM 2071	-4.34	-0.12	3.81	-0.65
WIN 2071	-4.34	-0.12	3.81	-0.65
SPR 2072	-4.34	-0.12	3.81	-0.65
SUM 2072	-4.34	-0.12	3.81	-0.65
WIN 2072	-4.34	-0.12	3.81	-0.65
SPR 2073	-4.34	-0.12	3.81	-0.65
SUM 2073	-4.34	-0.12	3.81	-0.65
WIN 2073	-4.34	-0.12	3.81	-0.65
SPR 2074	-4.34	-0.12	3.81	-0.65
SUM 2074	-4.34	-0.12	3.81	-0.65

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Baar	TO: LDS Hibbard	SUM
	Ashton to Rexburg	Ashton to Rexburg	Ashton to Rexburg	Discrete Mitigation Deficit
WIN 2074	-4.34	-0.12	3.81	-0.65
SPR 2075	-4.34	-0.12	3.81	-0.65
SUM 2075	-4.34	-0.12	3.81	-0.65
WIN 2075	-4.34	-0.12	3.81	-0.65
SPR 2076	-4.34	-0.12	3.81	-0.65
SUM 2076	-4.34	-0.12	3.81	-0.65
WIN 2076	-4.34	-0.12	3.81	-0.65
SPR 2077	-4.34	-0.12	3.81	-0.65
SUM 2077	-4.34	-0.12	3.81	-0.65
WIN 2077	-4.34	-0.12	3.81	-0.65
SPR 2078	-4.34	-0.12	3.81	-0.65
SUM 2078	-4.34	-0.12	3.81	-0.65
WIN 2078	-4.34	-0.12	3.81	-0.65
SPR 2079	-4.34	-0.12	3.81	-0.65
SUM 2079	-4.34	-0.12	3.81	-0.65
WIN 2079	-4.34	-0.12	3.81	-0.65
SPR 2080	-4.34	-0.12	3.81	-0.65
SUM 2080	-4.34	-0.12	3.81	-0.65
WIN 2080	-4.35	-0.12	3.81	-0.65
SPR 2081	-4.35	-0.12	3.81	-0.65
SUM 2081	-4.35	-0.12	3.81	-0.65
WIN 2081	-4.35	-0.12	3.81	-0.65
SPR 2082	-4.35	-0.12	3.81	-0.65
SUM 2082	-4.35	-0.12	3.81	-0.65
WIN 2082	-4.35	-0.12	3.81	-0.65
SPR 2083	-4.35	-0.12	3.81	-0.65
SUM 2083	-4.35	-0.12	3.81	-0.65
WIN 2083	-4.35	-0.12	3.81	-0.65
SPR 2084	-4.35	-0.12	3.81	-0.65
SUM 2084	-4.35	-0.12	3.81	-0.65
WIN 2084	-4.35	-0.12	3.81	-0.65
SPR 2085	-4.35	-0.12	3.81	-0.65
SUM 2085	-4.35	-0.12	3.81	-0.65
WIN 2085	-4.35	-0.12	3.81	-0.65
SPR 2086	-4.35	-0.12	3.81	-0.65
SUM 2086	-4.35	-0.12	3.81	-0.65
WIN 2086	-4.35	-0.12	3.81	-0.65
SPR 2087	-4.35	-0.12	3.81	-0.65
SUM 2087	-4.35	-0.12	3.81	-0.66
WIN 2087	-4.35	-0.12	3.81	-0.66
SPR 2088	-4.35	-0.12	3.81	-0.66
SUM 2088	-4.35	-0.12	3.81	-0.66
WIN 2088	-4.35	-0.12	3.81	-0.66
SPR 2089	-4.35	-0.12	3.81	-0.66
SUM 2089	-4.35	-0.12	3.81	-0.66
WIN 2089	-4.35	-0.12	3.81	-0.66
SPR 2090	-4.35	-0.12	3.81	-0.66
SUM 2090	-4.35	-0.12	3.81	-0.66

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]			
TO: City of Chubbuck	TO: Baar	TO: LDS Hibbard	SUM
Ashton to Rexburg	Ashton to Rexburg	Ashton to Rexburg	Discrete Mitigation Deficit
WIN 2090	-4.35	-0.12	3.81
SPR 2091	-4.35	-0.12	3.81
SUM 2091	-4.35	-0.12	3.81
WIN 2091	-4.35	-0.12	3.81
SPR 2092	-4.35	-0.12	3.81
SUM 2092	-4.35	-0.12	3.81
WIN 2092	-4.35	-0.12	3.81
SPR 2093	-4.35	-0.12	3.81
SUM 2093	-4.35	-0.12	3.81
WIN 2093	-4.35	-0.12	3.81
SPR 2094	-4.35	-0.12	3.81
SUM 2094	-4.35	-0.12	3.81
WIN 2094	-4.35	-0.12	3.81
SPR 2095	-4.35	-0.12	3.81
SUM 2095	-4.35	-0.12	3.81
WIN 2095	-4.35	-0.12	3.81
SPR 2096	-4.35	-0.12	3.81
SUM 2096	-4.35	-0.12	3.81
WIN 2096	-4.35	-0.12	3.81
SPR 2097	-4.35	-0.12	3.81
SUM 2097	-4.35	-0.12	3.81
WIN 2097	-4.35	-0.12	3.81
SPR 2098	-4.35	-0.12	3.81
SUM 2098	-4.35	-0.12	3.81
WIN 2098	-4.35	-0.12	3.81
SPR 2099	-4.35	-0.12	3.81
SUM 2099	-4.35	-0.12	3.81
WIN 2099	-4.35	-0.12	3.81
SPR 2100	-4.35	-0.12	3.81
SUM 2100	-4.35	-0.12	3.81
WIN 2100	-4.35	-0.12	3.81
SPR 2101	-4.35	-0.12	3.81
SUM 2101	-4.35	-0.12	3.81
WIN 2101	-4.35	-0.12	3.81

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	SUM
	Heise to Shelley	Heise to Shelley	Heise to Shelley	Mitigation Deficit
WIN 2010	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00
SUM 2011	-0.23	0.35	0.00	0.12
WIN 2011	-0.66	0.89	-0.01	0.22
SPR 2012	-1.18	1.41	-0.02	0.21
SUM 2012	-1.69	1.83	-0.03	0.11
WIN 2012	-2.14	2.13	-0.04	-0.04
SPR 2013	-2.51	2.40	-0.04	-0.16
SUM 2013	-2.81	2.63	-0.05	-0.24
WIN 2013	-3.05	2.82	-0.06	-0.29
SPR 2014	-3.25	2.97	-0.07	-0.35
SUM 2014	-3.40	3.08	-0.07	-0.39
WIN 2014	-3.53	3.17	-0.08	-0.44
SPR 2015	-3.63	3.23	-0.08	-0.48
SUM 2015	-3.72	3.29	-0.09	-0.52
WIN 2015	-3.80	3.33	-0.09	-0.56
SPR 2016	-3.87	3.37	-0.09	-0.60
SUM 2016	-3.94	3.40	-0.10	-0.64
WIN 2016	-4.00	3.42	-0.10	-0.67
SPR 2017	-4.05	3.45	-0.10	-0.71
SUM 2017	-4.10	3.47	-0.10	-0.74
WIN 2017	-4.15	3.48	-0.11	-0.77
SPR 2018	-4.20	3.55	-0.11	-0.76
SUM 2018	-4.24	3.64	-0.11	-0.71
WIN 2018	-4.28	3.74	-0.11	-0.66
SPR 2019	-4.33	3.82	-0.11	-0.61
SUM 2019	-4.36	3.89	-0.11	-0.59
WIN 2019	-4.40	3.95	-0.12	-0.57
SPR 2020	-4.44	3.99	-0.12	-0.56
SUM 2020	-4.47	4.03	-0.12	-0.56
WIN 2020	-4.51	4.06	-0.12	-0.57
SPR 2021	-4.54	4.09	-0.12	-0.57
SUM 2021	-4.57	4.11	-0.12	-0.58
WIN 2021	-4.60	4.13	-0.12	-0.59
SPR 2022	-4.63	4.15	-0.12	-0.60
SUM 2022	-4.65	4.16	-0.12	-0.61
WIN 2022	-4.68	4.18	-0.13	-0.63
SPR 2023	-4.71	4.19	-0.13	-0.64
SUM 2023	-4.73	4.21	-0.13	-0.65
WIN 2023	-4.75	4.22	-0.13	-0.66
SPR 2024	-4.78	4.25	-0.13	-0.66
SUM 2024	-4.80	4.29	-0.13	-0.64
WIN 2024	-4.82	4.33	-0.13	-0.62
SPR 2025	-4.84	4.36	-0.13	-0.61
SUM 2025	-4.86	4.39	-0.13	-0.60
WIN 2025	-4.88	4.41	-0.13	-0.60
SPR 2026	-4.89	4.43	-0.13	-0.59
SUM 2026	-4.91	4.45	-0.13	-0.59

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TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	SUM
	Heise to Shelley	Heise to Shelley	Heise to Shelley	Mitigation Deficit
WIN 2026	-4.93	4.47	-0.13	-0.60
SPR 2027	-4.94	4.48	-0.13	-0.60
SUM 2027	-4.96	4.49	-0.13	-0.60
WIN 2027	-4.97	4.50	-0.13	-0.61
SPR 2028	-4.99	4.51	-0.14	-0.61
SUM 2028	-5.00	4.52	-0.14	-0.62
WIN 2028	-5.01	4.53	-0.14	-0.62
SPR 2029	-5.03	4.54	-0.14	-0.63
SUM 2029	-5.04	4.54	-0.14	-0.63
WIN 2029	-5.05	4.55	-0.14	-0.64
SPR 2030	-5.06	4.56	-0.14	-0.64
SUM 2030	-5.07	4.56	-0.14	-0.65
WIN 2030	-5.08	4.57	-0.14	-0.65
SPR 2031	-5.09	4.57	-0.14	-0.65
SUM 2031	-5.10	4.58	-0.14	-0.66
WIN 2031	-5.11	4.58	-0.14	-0.66
SPR 2032	-5.12	4.59	-0.14	-0.67
SUM 2032	-5.13	4.59	-0.14	-0.67
WIN 2032	-5.13	4.60	-0.14	-0.68
SPR 2033	-5.14	4.60	-0.14	-0.68
SUM 2033	-5.15	4.61	-0.14	-0.68
WIN 2033	-5.16	4.61	-0.14	-0.69
SPR 2034	-5.16	4.61	-0.14	-0.69
SUM 2034	-5.17	4.62	-0.14	-0.69
WIN 2034	-5.18	4.62	-0.14	-0.70
SPR 2035	-5.18	4.62	-0.14	-0.70
SUM 2035	-5.19	4.63	-0.14	-0.70
WIN 2035	-5.19	4.63	-0.14	-0.71
SPR 2036	-5.20	4.63	-0.14	-0.71
SUM 2036	-5.20	4.63	-0.14	-0.71
WIN 2036	-5.21	4.64	-0.14	-0.71
SPR 2037	-5.21	4.64	-0.14	-0.72
SUM 2037	-5.22	4.64	-0.14	-0.72
WIN 2037	-5.22	4.64	-0.14	-0.72
SPR 2038	-5.23	4.64	-0.14	-0.72
SUM 2038	-5.23	4.65	-0.14	-0.73
WIN 2038	-5.23	4.65	-0.14	-0.73
SPR 2039	-5.24	4.65	-0.14	-0.73
SUM 2039	-5.24	4.65	-0.14	-0.73
WIN 2039	-5.25	4.65	-0.14	-0.73
SPR 2040	-5.25	4.66	-0.14	-0.74
SUM 2040	-5.25	4.66	-0.14	-0.74
WIN 2040	-5.26	4.66	-0.14	-0.74
SPR 2041	-5.26	4.66	-0.14	-0.74
SUM 2041	-5.26	4.66	-0.14	-0.74
WIN 2041	-5.26	4.66	-0.14	-0.75
SPR 2042	-5.27	4.66	-0.14	-0.75
SUM 2042	-5.27	4.66	-0.14	-0.75

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TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	SUM
	Heise to Shelley	Heise to Shelley	Heise to Shelley	Mitigation Deficit
WIN 2042	-5.27	4.67	-0.14	-0.75
SPR 2043	-5.27	4.67	-0.14	-0.75
SUM 2043	-5.28	4.67	-0.14	-0.75
WIN 2043	-5.28	4.67	-0.14	-0.75
SPR 2044	-5.28	4.67	-0.14	-0.75
SUM 2044	-5.28	4.67	-0.14	-0.76
WIN 2044	-5.29	4.67	-0.14	-0.76
SPR 2045	-5.29	4.67	-0.14	-0.76
SUM 2045	-5.29	4.67	-0.14	-0.76
WIN 2045	-5.29	4.67	-0.14	-0.76
SPR 2046	-5.29	4.68	-0.14	-0.76
SUM 2046	-5.29	4.68	-0.14	-0.76
WIN 2046	-5.30	4.68	-0.14	-0.76
SPR 2047	-5.30	4.68	-0.14	-0.76
SUM 2047	-5.30	4.68	-0.14	-0.76
WIN 2047	-5.30	4.68	-0.14	-0.77
SPR 2048	-5.30	4.68	-0.14	-0.77
SUM 2048	-5.30	4.68	-0.14	-0.77
WIN 2048	-5.30	4.68	-0.14	-0.77
SPR 2049	-5.31	4.68	-0.14	-0.77
SUM 2049	-5.31	4.68	-0.14	-0.77
WIN 2049	-5.31	4.68	-0.14	-0.77
SPR 2050	-5.31	4.68	-0.14	-0.77
SUM 2050	-5.31	4.68	-0.14	-0.77
WIN 2050	-5.31	4.68	-0.14	-0.77
SPR 2051	-5.31	4.68	-0.14	-0.77
SUM 2051	-5.31	4.68	-0.14	-0.77
WIN 2051	-5.31	4.68	-0.14	-0.77
SPR 2052	-5.31	4.68	-0.14	-0.77
SUM 2052	-5.32	4.69	-0.14	-0.77
WIN 2052	-5.32	4.69	-0.14	-0.78
SPR 2053	-5.32	4.69	-0.14	-0.78
SUM 2053	-5.32	4.69	-0.14	-0.78
WIN 2053	-5.32	4.69	-0.14	-0.78
SPR 2054	-5.32	4.69	-0.14	-0.78
SUM 2054	-5.32	4.69	-0.14	-0.78
WIN 2054	-5.32	4.69	-0.14	-0.78
SPR 2055	-5.32	4.69	-0.14	-0.78
SUM 2055	-5.32	4.69	-0.14	-0.78
WIN 2055	-5.32	4.69	-0.14	-0.78
SPR 2056	-5.32	4.69	-0.14	-0.78
SUM 2056	-5.32	4.69	-0.14	-0.78
WIN 2056	-5.32	4.69	-0.14	-0.78
SPR 2057	-5.32	4.69	-0.14	-0.78
SUM 2057	-5.33	4.69	-0.14	-0.78
WIN 2057	-5.33	4.69	-0.14	-0.78
SPR 2058	-5.33	4.69	-0.14	-0.78
SUM 2058	-5.33	4.69	-0.14	-0.78

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TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]			
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar
	Heise to Shelley	Heise to Shelley	Heise to Shelley
			Mitigation Deficit
WIN 2058	-5.33	4.69	-0.14
SPR 2059	-5.33	4.69	-0.14
SUM 2059	-5.33	4.69	-0.14
WIN 2059	-5.33	4.69	-0.14
SPR 2060	-5.33	4.69	-0.14
SUM 2060	-5.33	4.69	-0.14
WIN 2060	-5.33	4.69	-0.14
SPR 2061	-5.33	4.69	-0.14
SUM 2061	-5.33	4.69	-0.14
WIN 2061	-5.33	4.69	-0.14
SPR 2062	-5.33	4.69	-0.14
SUM 2062	-5.33	4.69	-0.14
WIN 2062	-5.33	4.69	-0.14
SPR 2063	-5.33	4.69	-0.14
SUM 2063	-5.33	4.69	-0.14
WIN 2063	-5.33	4.69	-0.14
SPR 2064	-5.33	4.69	-0.14
SUM 2064	-5.33	4.69	-0.14
WIN 2064	-5.33	4.69	-0.14
SPR 2065	-5.33	4.69	-0.14
SUM 2065	-5.33	4.69	-0.14
WIN 2065	-5.33	4.69	-0.14
SPR 2066	-5.33	4.69	-0.14
SUM 2066	-5.33	4.69	-0.14
WIN 2066	-5.33	4.69	-0.14
SPR 2067	-5.33	4.69	-0.14
SUM 2067	-5.34	4.69	-0.14
WIN 2067	-5.34	4.69	-0.14
SPR 2068	-5.34	4.69	-0.14
SUM 2068	-5.34	4.69	-0.15
WIN 2068	-5.34	4.69	-0.15
SPR 2069	-5.34	4.69	-0.15
SUM 2069	-5.34	4.69	-0.15
WIN 2069	-5.34	4.69	-0.15
SPR 2070	-5.34	4.69	-0.15
SUM 2070	-5.34	4.69	-0.15
WIN 2070	-5.34	4.69	-0.15
SPR 2071	-5.34	4.69	-0.15
SUM 2071	-5.34	4.69	-0.15
WIN 2071	-5.34	4.69	-0.15
SPR 2072	-5.34	4.69	-0.15
SUM 2072	-5.34	4.69	-0.15
WIN 2072	-5.34	4.69	-0.15
SPR 2073	-5.34	4.69	-0.15
SUM 2073	-5.34	4.69	-0.15
WIN 2073	-5.34	4.69	-0.15
SPR 2074	-5.34	4.69	-0.15
SUM 2074	-5.34	4.69	-0.15

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TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	SUM
	Heise to Shelley	Heise to Shelley	Heise to Shelley	Mitigation Deficit
WIN 2074	-5.34	4.69	-0.15	-0.79
SPR 2075	-5.34	4.69	-0.15	-0.79
SUM 2075	-5.34	4.69	-0.15	-0.79
WIN 2075	-5.34	4.69	-0.15	-0.79
SPR 2076	-5.34	4.69	-0.15	-0.79
SUM 2076	-5.34	4.69	-0.15	-0.79
WIN 2076	-5.34	4.69	-0.15	-0.79
SPR 2077	-5.34	4.69	-0.15	-0.79
SUM 2077	-5.34	4.69	-0.15	-0.79
WIN 2077	-5.34	4.69	-0.15	-0.79
SPR 2078	-5.34	4.69	-0.15	-0.79
SUM 2078	-5.34	4.69	-0.15	-0.79
WIN 2078	-5.34	4.69	-0.15	-0.79
SPR 2079	-5.34	4.69	-0.15	-0.79
SUM 2079	-5.34	4.69	-0.15	-0.79
WIN 2079	-5.34	4.69	-0.15	-0.79
SPR 2080	-5.34	4.69	-0.15	-0.79
SUM 2080	-5.34	4.69	-0.15	-0.79
WIN 2080	-5.34	4.69	-0.15	-0.79
SPR 2081	-5.34	4.69	-0.15	-0.79
SUM 2081	-5.34	4.69	-0.15	-0.79
WIN 2081	-5.34	4.69	-0.15	-0.79
SPR 2082	-5.34	4.69	-0.15	-0.79
SUM 2082	-5.34	4.69	-0.15	-0.79
WIN 2082	-5.34	4.69	-0.15	-0.79
SPR 2083	-5.34	4.69	-0.15	-0.79
SUM 2083	-5.34	4.69	-0.15	-0.79
WIN 2083	-5.34	4.69	-0.15	-0.79
SPR 2084	-5.34	4.69	-0.15	-0.79
SUM 2084	-5.34	4.69	-0.15	-0.79
WIN 2084	-5.34	4.69	-0.15	-0.79
SPR 2085	-5.34	4.69	-0.15	-0.79
SUM 2085	-5.34	4.69	-0.15	-0.79
WIN 2085	-5.34	4.69	-0.15	-0.79
SPR 2086	-5.34	4.69	-0.15	-0.79
SUM 2086	-5.34	4.69	-0.15	-0.79
WIN 2086	-5.34	4.69	-0.15	-0.79
SPR 2087	-5.34	4.69	-0.15	-0.79
SUM 2087	-5.34	4.69	-0.15	-0.79
WIN 2087	-5.34	4.69	-0.15	-0.79
SPR 2088	-5.34	4.69	-0.15	-0.79
SUM 2088	-5.34	4.69	-0.15	-0.79
WIN 2088	-5.34	4.69	-0.15	-0.79
SPR 2089	-5.34	4.69	-0.15	-0.79
SUM 2089	-5.34	4.69	-0.15	-0.79
WIN 2089	-5.34	4.69	-0.15	-0.79
SPR 2090	-5.34	4.69	-0.15	-0.79
SUM 2090	-5.34	4.69	-0.15	-0.79

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TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]				
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	SUM
	Heise to Shelley	Heise to Shelley	Heise to Shelley	Mitigation Deficit
WIN 2090	-5.34	4.69	-0.15	-0.79
SPR 2091	-5.34	4.69	-0.15	-0.79
SUM 2091	-5.34	4.69	-0.15	-0.79
WIN 2091	-5.34	4.69	-0.15	-0.79
SPR 2092	-5.34	4.69	-0.15	-0.79
SUM 2092	-5.34	4.69	-0.15	-0.79
WIN 2092	-5.34	4.69	-0.15	-0.79
SPR 2093	-5.34	4.69	-0.15	-0.79
SUM 2093	-5.34	4.69	-0.15	-0.79
WIN 2093	-5.34	4.69	-0.15	-0.79
SPR 2094	-5.34	4.69	-0.15	-0.79
SUM 2094	-5.34	4.69	-0.15	-0.79
WIN 2094	-5.34	4.69	-0.15	-0.79
SPR 2095	-5.34	4.69	-0.15	-0.79
SUM 2095	-5.34	4.69	-0.15	-0.79
WIN 2095	-5.34	4.69	-0.15	-0.79
SPR 2096	-5.34	4.69	-0.15	-0.79
SUM 2096	-5.34	4.69	-0.15	-0.79
WIN 2096	-5.34	4.69	-0.15	-0.79
SPR 2097	-5.34	4.69	-0.15	-0.79
SUM 2097	-5.34	4.69	-0.15	-0.79
WIN 2097	-5.34	4.69	-0.15	-0.79
SPR 2098	-5.34	4.70	-0.15	-0.79
SUM 2098	-5.34	4.70	-0.15	-0.79
WIN 2098	-5.34	4.70	-0.15	-0.79
SPR 2099	-5.34	4.70	-0.15	-0.79
SUM 2099	-5.34	4.70	-0.15	-0.79
WIN 2099	-5.34	4.70	-0.15	-0.79
SPR 2100	-5.34	4.70	-0.15	-0.79
SUM 2100	-5.34	4.70	-0.15	-0.79
WIN 2100	-5.34	4.70	-0.15	-0.79
SPR 2101	-5.34	4.70	-0.15	-0.79
SUM 2101	-5.34	4.70	-0.15	-0.79
WIN 2101	-5.34	4.70	-0.15	-0.79

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TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]						
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley
	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft
						Mitigation Deficit
WIN 2010	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2011	-17.35	0.64	-0.29	-0.43	-0.27	3.84
WIN 2011	-22.49	1.55	-0.47	-0.69	-0.40	4.69
SPR 2012	-23.54	2.14	-0.58	-0.85	-0.47	5.16
SUM 2012	-23.30	2.49	-0.65	-0.96	-0.50	5.47
WIN 2012	-22.65	2.72	-0.72	-1.05	-0.53	5.71
SPR 2013	-21.94	3.57	-0.76	-1.13	-0.55	5.89
SUM 2013	-21.29	4.15	-0.80	-1.18	-0.56	6.03
WIN 2013	-20.74	4.53	-0.84	-1.23	-0.58	6.14
SPR 2014	-20.32	4.79	-0.87	-1.27	-0.59	6.24
SUM 2014	-20.00	4.98	-0.89	-1.31	-0.60	6.31
WIN 2014	-19.78	5.13	-0.91	-1.34	-0.61	6.38
SPR 2015	-19.64	5.24	-0.93	-1.37	-0.62	6.44
SUM 2015	-19.55	5.34	-0.94	-1.39	-0.62	6.48
WIN 2015	-19.51	5.41	-0.96	-1.41	-0.63	6.53
SPR 2016	-19.51	5.48	-0.97	-1.43	-0.63	6.56
SUM 2016	-19.53	5.53	-0.98	-1.45	-0.64	6.59
WIN 2016	-19.57	5.58	-0.99	-1.46	-0.64	6.62
SPR 2017	-19.62	5.61	-0.99	-1.48	-0.65	6.65
SUM 2017	-19.68	5.65	-1.00	-1.49	-0.65	6.67
WIN 2017	-19.75	5.68	-1.01	-1.50	-0.65	6.69
SPR 2018	-19.82	6.42	-1.01	-1.51	-0.66	6.71
SUM 2018	-19.89	6.92	-1.02	-1.52	-0.66	6.73
WIN 2018	-19.95	7.25	-1.02	-1.53	-0.66	6.74
SPR 2019	-20.02	7.49	-1.03	-1.53	-0.66	6.75
SUM 2019	-20.09	7.66	-1.03	-1.54	-0.67	6.77
WIN 2019	-20.16	7.80	-1.03	-1.55	-0.67	6.78
SPR 2020	-20.22	7.91	-1.04	-1.55	-0.67	6.79
SUM 2020	-20.28	8.00	-1.04	-1.56	-0.67	6.80
WIN 2020	-20.34	8.08	-1.04	-1.56	-0.67	6.80
SPR 2021	-20.40	8.15	-1.04	-1.56	-0.68	6.81
SUM 2021	-20.45	8.20	-1.04	-1.57	-0.68	6.82
WIN 2021	-20.50	8.25	-1.05	-1.57	-0.68	6.83
SPR 2022	-20.55	8.30	-1.05	-1.57	-0.68	6.83
SUM 2022	-20.60	8.33	-1.05	-1.58	-0.68	6.84
WIN 2022	-20.64	8.37	-1.05	-1.58	-0.68	6.84
SPR 2023	-20.68	8.40	-1.05	-1.58	-0.68	6.85
SUM 2023	-20.73	8.43	-1.05	-1.59	-0.68	6.85
WIN 2023	-20.76	8.45	-1.05	-1.59	-0.68	6.86
SPR 2024	-20.80	8.73	-1.06	-1.59	-0.68	6.86
SUM 2024	-20.84	8.92	-1.06	-1.59	-0.69	6.87
WIN 2024	-20.87	9.05	-1.06	-1.59	-0.69	6.87
SPR 2025	-20.90	9.15	-1.06	-1.60	-0.69	6.87
SUM 2025	-20.93	9.22	-1.06	-1.60	-0.69	6.88
WIN 2025	-20.96	9.28	-1.06	-1.60	-0.69	6.88
SPR 2026	-20.99	9.33	-1.06	-1.60	-0.69	6.88
SUM 2026	-21.02	9.37	-1.06	-1.60	-0.69	6.89
WIN 2026	-21.04	9.40	-1.06	-1.60	-0.69	6.89
SPR 2027	-21.07	9.43	-1.06	-1.60	-0.69	6.89
SUM 2027	-21.09	9.46	-1.06	-1.60	-0.69	6.89
WIN 2027	-21.11	9.49	-1.06	-1.60	-0.69	6.90

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	TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]						
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	Mitigation Deficit
	Shelley to Nr Blackft	Shelley to Nr Blackft	Shelley to Nr Blackft	Shelley to Nr Blackft	Shelley to Nr Blackft	Shelley to Nr Blackft	
SPR 2028	-21.13	9.51	-1.06	-1.61	-0.69	6.90	-8.09
SUM 2028	-21.15	9.53	-1.06	-1.61	-0.69	6.90	-8.09
WIN 2028	-21.17	9.54	-1.06	-1.61	-0.69	6.90	-8.09
SPR 2029	-21.19	9.56	-1.06	-1.61	-0.69	6.90	-8.09
SUM 2029	-21.21	9.57	-1.06	-1.61	-0.69	6.91	-8.10
WIN 2029	-21.23	9.59	-1.06	-1.61	-0.69	6.91	-8.10
SPR 2030	-21.24	9.60	-1.06	-1.61	-0.69	6.91	-8.10
SUM 2030	-21.26	9.61	-1.06	-1.61	-0.69	6.91	-8.11
WIN 2030	-21.27	9.62	-1.07	-1.61	-0.69	6.91	-8.11
SPR 2031	-21.29	9.63	-1.07	-1.61	-0.69	6.91	-8.12
SUM 2031	-21.30	9.64	-1.07	-1.61	-0.69	6.91	-8.12
WIN 2031	-21.32	9.65	-1.07	-1.61	-0.69	6.92	-8.13
SPR 2032	-21.33	9.65	-1.07	-1.61	-0.69	6.92	-8.13
SUM 2032	-21.34	9.66	-1.07	-1.61	-0.70	6.92	-8.14
WIN 2032	-21.35	9.67	-1.07	-1.61	-0.70	6.92	-8.14
SPR 2033	-21.36	9.67	-1.07	-1.61	-0.70	6.92	-8.15
SUM 2033	-21.37	9.68	-1.07	-1.61	-0.70	6.92	-8.15
WIN 2033	-21.38	9.68	-1.07	-1.61	-0.70	6.92	-8.16
SPR 2034	-21.39	9.69	-1.07	-1.61	-0.70	6.92	-8.16
SUM 2034	-21.40	9.69	-1.07	-1.61	-0.70	6.92	-8.17
WIN 2034	-21.41	9.70	-1.07	-1.62	-0.70	6.92	-8.17
SPR 2035	-21.42	9.70	-1.07	-1.62	-0.70	6.92	-8.17
SUM 2035	-21.43	9.71	-1.07	-1.62	-0.70	6.93	-8.18
WIN 2035	-21.44	9.71	-1.07	-1.62	-0.70	6.93	-8.18
SPR 2036	-21.45	9.71	-1.07	-1.62	-0.70	6.93	-8.19
SUM 2036	-21.45	9.72	-1.07	-1.62	-0.70	6.93	-8.19
WIN 2036	-21.46	9.72	-1.07	-1.62	-0.70	6.93	-8.19
SPR 2037	-21.47	9.72	-1.07	-1.62	-0.70	6.93	-8.20
SUM 2037	-21.47	9.73	-1.07	-1.62	-0.70	6.93	-8.20
WIN 2037	-21.48	9.73	-1.07	-1.62	-0.70	6.93	-8.21
SPR 2038	-21.49	9.73	-1.07	-1.62	-0.70	6.93	-8.21
SUM 2038	-21.49	9.73	-1.07	-1.62	-0.70	6.93	-8.21
WIN 2038	-21.50	9.74	-1.07	-1.62	-0.70	6.93	-8.22
SPR 2039	-21.50	9.74	-1.07	-1.62	-0.70	6.93	-8.22
SUM 2039	-21.51	9.74	-1.07	-1.62	-0.70	6.93	-8.22
WIN 2039	-21.51	9.74	-1.07	-1.62	-0.70	6.93	-8.22
SPR 2040	-21.52	9.75	-1.07	-1.62	-0.70	6.93	-8.23
SUM 2040	-21.52	9.75	-1.07	-1.62	-0.70	6.93	-8.23
WIN 2040	-21.53	9.75	-1.07	-1.62	-0.70	6.93	-8.23
SPR 2041	-21.53	9.75	-1.07	-1.62	-0.70	6.93	-8.24
SUM 2041	-21.54	9.75	-1.07	-1.62	-0.70	6.93	-8.24
WIN 2041	-21.54	9.75	-1.07	-1.62	-0.70	6.93	-8.24
SPR 2042	-21.55	9.76	-1.07	-1.62	-0.70	6.93	-8.24
SUM 2042	-21.55	9.76	-1.07	-1.62	-0.70	6.93	-8.25
WIN 2042	-21.55	9.76	-1.07	-1.62	-0.70	6.93	-8.25
SPR 2043	-21.56	9.76	-1.07	-1.62	-0.70	6.93	-8.25
SUM 2043	-21.56	9.76	-1.07	-1.62	-0.70	6.93	-8.25
WIN 2043	-21.56	9.76	-1.07	-1.62	-0.70	6.94	-8.25
SPR 2044	-21.57	9.76	-1.07	-1.62	-0.70	6.94	-8.26
SUM 2044	-21.57	9.76	-1.07	-1.62	-0.70	6.94	-8.26
WIN 2044	-21.57	9.76	-1.07	-1.62	-0.70	6.94	-8.26
SPR 2045	-21.57	9.77	-1.07	-1.62	-0.70	6.94	-8.26

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	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	Mitigation Deficit
	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	
SUM 2045	-21.58	9.77	-1.07	-1.62	-0.70	6.94	-8.26
WIN 2045	-21.58	9.77	-1.07	-1.62	-0.70	6.94	-8.27
SPR 2046	-21.58	9.77	-1.07	-1.62	-0.70	6.94	-8.27
SUM 2046	-21.59	9.77	-1.07	-1.62	-0.70	6.94	-8.27
WIN 2046	-21.59	9.77	-1.07	-1.62	-0.70	6.94	-8.27
SPR 2047	-21.59	9.77	-1.07	-1.62	-0.70	6.94	-8.27
SUM 2047	-21.59	9.77	-1.07	-1.62	-0.70	6.94	-8.27
WIN 2047	-21.59	9.77	-1.07	-1.62	-0.70	6.94	-8.27
SPR 2048	-21.60	9.77	-1.07	-1.62	-0.70	6.94	-8.28
SUM 2048	-21.60	9.77	-1.07	-1.62	-0.70	6.94	-8.28
WIN 2048	-21.60	9.77	-1.07	-1.62	-0.70	6.94	-8.28
SPR 2049	-21.60	9.77	-1.07	-1.62	-0.70	6.94	-8.28
SUM 2049	-21.60	9.78	-1.07	-1.62	-0.70	6.94	-8.28
WIN 2049	-21.61	9.78	-1.07	-1.62	-0.70	6.94	-8.28
SPR 2050	-21.61	9.78	-1.07	-1.62	-0.70	6.94	-8.28
SUM 2050	-21.61	9.78	-1.07	-1.62	-0.70	6.94	-8.28
WIN 2050	-21.61	9.78	-1.07	-1.62	-0.70	6.94	-8.29
SPR 2051	-21.61	9.78	-1.07	-1.62	-0.70	6.94	-8.29
SUM 2051	-21.61	9.78	-1.07	-1.62	-0.70	6.94	-8.29
WIN 2051	-21.61	9.78	-1.07	-1.62	-0.70	6.94	-8.29
SPR 2052	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.29
SUM 2052	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.29
WIN 2052	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.29
SPR 2053	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.29
SUM 2053	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.29
WIN 2053	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.29
SPR 2054	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SUM 2054	-21.62	9.78	-1.07	-1.62	-0.70	6.94	-8.30
WIN 2054	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SPR 2055	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SUM 2055	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
WIN 2055	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SPR 2056	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SUM 2056	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
WIN 2056	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SPR 2057	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SUM 2057	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
WIN 2057	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SPR 2058	-21.63	9.78	-1.07	-1.62	-0.70	6.94	-8.30
SUM 2058	-21.64	9.78	-1.07	-1.62	-0.70	6.94	-8.30
WIN 2058	-21.64	9.78	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2059	-21.64	9.78	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2059	-21.64	9.78	-1.07	-1.62	-0.70	6.94	-8.31
WIN 2059	-21.64	9.78	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2060	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2060	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
WIN 2060	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2061	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2061	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
WIN 2061	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2062	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2062	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31

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	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	
	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	
WIN 2062	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2063	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2063	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
WIN 2063	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2064	-21.64	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2064	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
WIN 2064	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2065	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2065	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
WIN 2065	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2066	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SUM 2066	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
WIN 2066	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.31
SPR 2067	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2067	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2067	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2068	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2068	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2068	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2069	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2069	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2069	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2070	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2070	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2070	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2071	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2071	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2071	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2072	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2072	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2072	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2073	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2073	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2073	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2074	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2074	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2074	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2075	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2075	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2075	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2076	-21.65	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2076	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2076	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2077	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2077	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2077	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2078	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2078	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2078	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2079	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2079	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2079	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32

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	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	Mitigation Deficit
	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	
SPR 2080	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2080	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2080	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2081	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SUM 2081	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
WIN 2081	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.32
SPR 2082	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2082	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2082	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2083	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2083	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2083	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2084	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2084	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2084	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2085	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2085	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2085	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2086	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2086	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2086	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2087	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2087	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2087	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2088	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2088	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2088	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2089	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2089	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2089	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2090	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2090	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2090	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2091	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2091	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2091	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2092	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2092	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2092	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2093	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2093	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2093	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2094	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2094	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2094	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2095	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2095	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2095	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2096	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2096	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2096	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2097	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33

Idaho Water Company
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TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]							
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	Mitigation Deficit
	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	Shelley to Nr Bickft	
SUM 2097	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2097	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2098	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2098	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2098	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2099	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2099	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2099	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2100	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2100	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2100	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SPR 2101	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
SUM 2101	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33
WIN 2101	-21.66	9.79	-1.07	-1.62	-0.70	6.94	-8.33

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TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]						
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley
	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley
						Mitigation Deficit
WIN 2010	0.00	0.00	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00	0.00	0.00
SUM 2011	-2.50	-9.61	-0.61	-0.90	-0.61	-5.41
WIN 2011	4.08	-15.04	-1.01	-1.49	-1.00	-8.25
SPR 2012	11.34	-17.82	-1.27	-1.87	-1.23	-9.55
SUM 2012	17.60	-19.26	-1.45	-2.14	-1.38	-10.13
WIN 2012	22.62	-20.04	-1.58	-2.33	-1.47	-10.36
SPR 2013	26.49	-20.36	-1.67	-2.47	-1.54	-10.43
SUM 2013	29.39	-20.43	-1.75	-2.59	-1.59	-10.42
WIN 2013	31.52	-20.38	-1.81	-2.69	-1.62	-10.37
SPR 2014	33.05	-20.27	-1.87	-2.77	-1.65	-10.31
SUM 2014	34.13	-20.16	-1.91	-2.84	-1.68	-10.25
WIN 2014	34.87	-20.04	-1.95	-2.90	-1.70	-10.18
SPR 2015	35.36	-19.94	-1.98	-2.95	-1.72	-10.12
SUM 2015	35.67	-19.84	-2.00	-3.00	-1.73	-10.06
WIN 2015	35.85	-19.76	-2.03	-3.04	-1.75	-10.00
SPR 2016	35.94	-19.68	-2.04	-3.07	-1.76	-9.96
SUM 2016	35.95	-19.62	-2.06	-3.11	-1.77	-9.91
WIN 2016	35.92	-19.56	-2.08	-3.13	-1.78	-9.87
SPR 2017	35.86	-19.51	-2.09	-3.16	-1.79	-9.84
SUM 2017	35.77	-19.47	-2.10	-3.18	-1.80	-9.81
WIN 2017	35.67	-19.43	-2.11	-3.20	-1.80	-9.78
SPR 2018	35.56	-19.29	-2.12	-3.22	-1.81	-9.75
SUM 2018	35.44	-19.07	-2.13	-3.24	-1.82	-9.73
WIN 2018	35.32	-18.83	-2.13	-3.26	-1.82	-9.71
SPR 2019	35.21	-18.61	-2.14	-3.27	-1.83	-9.69
SUM 2019	35.09	-18.40	-2.14	-3.28	-1.83	-9.67
WIN 2019	34.97	-18.22	-2.15	-3.30	-1.83	-9.65
SPR 2020	34.86	-18.07	-2.15	-3.31	-1.84	-9.64
SUM 2020	34.76	-17.93	-2.15	-3.32	-1.84	-9.63
WIN 2020	34.65	-17.81	-2.16	-3.33	-1.85	-9.61
SPR 2021	34.55	-17.71	-2.16	-3.34	-1.85	-9.60
SUM 2021	34.46	-17.62	-2.16	-3.35	-1.85	-9.59
WIN 2021	34.36	-17.54	-2.16	-3.35	-1.85	-9.58
SPR 2022	34.28	-17.46	-2.17	-3.36	-1.86	-9.57
SUM 2022	34.19	-17.40	-2.17	-3.37	-1.86	-9.56
WIN 2022	34.11	-17.34	-2.17	-3.37	-1.86	-9.56
SPR 2023	34.03	-17.29	-2.17	-3.38	-1.86	-9.55
SUM 2023	33.96	-17.25	-2.17	-3.39	-1.87	-9.54
WIN 2023	33.89	-17.21	-2.17	-3.39	-1.87	-9.54
SPR 2024	33.82	-17.13	-2.17	-3.40	-1.87	-9.53
SUM 2024	33.76	-17.03	-2.17	-3.40	-1.87	-9.52
WIN 2024	33.70	-16.92	-2.18	-3.40	-1.87	-9.52
SPR 2025	33.64	-16.82	-2.18	-3.41	-1.88	-9.51
SUM 2025	33.58	-16.73	-2.18	-3.41	-1.88	-9.51
WIN 2025	33.53	-16.65	-2.18	-3.42	-1.88	-9.51
SPR 2026	33.48	-16.58	-2.18	-3.42	-1.88	-9.50
SUM 2026	33.43	-16.52	-2.18	-3.42	-1.88	-9.50
WIN 2026	33.38	-16.46	-2.18	-3.42	-1.88	-9.49
SPR 2027	33.34	-16.41	-2.18	-3.43	-1.88	-9.49
SUM 2027	33.29	-16.36	-2.18	-3.43	-1.88	-9.49
WIN 2027	33.25	-16.32	-2.18	-3.43	-1.89	-9.49

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	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	Mitigation Deficit
	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley	Nr Bickft To Neeley	
SPR 2028	33.21	-16.29	-2.18	-3.43	-1.89	-9.48	-0.06
SUM 2028	33.17	-16.25	-2.18	-3.44	-1.89	-9.48	-0.06
WIN 2028	33.14	-16.22	-2.18	-3.44	-1.89	-9.48	-0.07
SPR 2029	33.10	-16.20	-2.18	-3.44	-1.89	-9.48	-0.08
SUM 2029	33.07	-16.17	-2.18	-3.44	-1.89	-9.47	-0.09
WIN 2029	33.04	-16.15	-2.18	-3.44	-1.89	-9.47	-0.10
SPR 2030	33.01	-16.13	-2.18	-3.45	-1.89	-9.47	-0.11
SUM 2030	32.98	-16.11	-2.18	-3.45	-1.89	-9.47	-0.12
WIN 2030	32.95	-16.09	-2.18	-3.45	-1.89	-9.47	-0.13
SPR 2031	32.92	-16.08	-2.18	-3.45	-1.89	-9.46	-0.14
SUM 2031	32.90	-16.06	-2.18	-3.45	-1.89	-9.46	-0.15
WIN 2031	32.87	-16.05	-2.18	-3.45	-1.90	-9.46	-0.17
SPR 2032	32.85	-16.04	-2.18	-3.45	-1.90	-9.46	-0.18
SUM 2032	32.82	-16.02	-2.18	-3.45	-1.90	-9.46	-0.19
WIN 2032	32.80	-16.01	-2.18	-3.46	-1.90	-9.46	-0.20
SPR 2033	32.78	-16.00	-2.18	-3.46	-1.90	-9.46	-0.21
SUM 2033	32.76	-15.99	-2.18	-3.46	-1.90	-9.45	-0.22
WIN 2033	32.74	-15.98	-2.18	-3.46	-1.90	-9.45	-0.23
SPR 2034	32.72	-15.97	-2.18	-3.46	-1.90	-9.45	-0.24
SUM 2034	32.70	-15.97	-2.18	-3.46	-1.90	-9.45	-0.25
WIN 2034	32.68	-15.96	-2.18	-3.46	-1.90	-9.45	-0.26
SPR 2035	32.67	-15.95	-2.18	-3.46	-1.90	-9.45	-0.27
SUM 2035	32.65	-15.94	-2.18	-3.46	-1.90	-9.45	-0.28
WIN 2035	32.64	-15.94	-2.18	-3.46	-1.90	-9.45	-0.29
SPR 2036	32.62	-15.93	-2.18	-3.46	-1.90	-9.45	-0.30
SUM 2036	32.61	-15.93	-2.18	-3.46	-1.90	-9.45	-0.31
WIN 2036	32.59	-15.92	-2.18	-3.47	-1.90	-9.45	-0.32
SPR 2037	32.58	-15.91	-2.18	-3.47	-1.90	-9.45	-0.33
SUM 2037	32.57	-15.91	-2.18	-3.47	-1.90	-9.45	-0.34
WIN 2037	32.55	-15.91	-2.18	-3.47	-1.90	-9.44	-0.34
SPR 2038	32.54	-15.90	-2.18	-3.47	-1.90	-9.44	-0.35
SUM 2038	32.53	-15.90	-2.18	-3.47	-1.90	-9.44	-0.36
WIN 2038	32.52	-15.89	-2.18	-3.47	-1.90	-9.44	-0.37
SPR 2039	32.51	-15.89	-2.18	-3.47	-1.90	-9.44	-0.37
SUM 2039	32.50	-15.88	-2.18	-3.47	-1.90	-9.44	-0.38
WIN 2039	32.49	-15.88	-2.18	-3.47	-1.91	-9.44	-0.39
SPR 2040	32.48	-15.88	-2.18	-3.47	-1.91	-9.44	-0.39
SUM 2040	32.47	-15.87	-2.18	-3.47	-1.91	-9.44	-0.40
WIN 2040	32.46	-15.87	-2.18	-3.47	-1.91	-9.44	-0.41
SPR 2041	32.45	-15.87	-2.18	-3.47	-1.91	-9.44	-0.41
SUM 2041	32.44	-15.87	-2.18	-3.47	-1.91	-9.44	-0.42
WIN 2041	32.44	-15.86	-2.18	-3.47	-1.91	-9.44	-0.42
SPR 2042	32.43	-15.86	-2.18	-3.47	-1.91	-9.44	-0.43
SUM 2042	32.42	-15.86	-2.18	-3.47	-1.91	-9.44	-0.44
WIN 2042	32.41	-15.86	-2.18	-3.47	-1.91	-9.44	-0.44
SPR 2043	32.41	-15.85	-2.18	-3.47	-1.91	-9.44	-0.45
SUM 2043	32.40	-15.85	-2.18	-3.47	-1.91	-9.44	-0.45
WIN 2043	32.39	-15.85	-2.18	-3.47	-1.91	-9.44	-0.46
SPR 2044	32.39	-15.85	-2.18	-3.48	-1.91	-9.44	-0.46
SUM 2044	32.38	-15.85	-2.18	-3.48	-1.91	-9.44	-0.46
WIN 2044	32.37	-15.84	-2.18	-3.48	-1.91	-9.44	-0.47
SPR 2045	32.37	-15.84	-2.18	-3.48	-1.91	-9.44	-0.47

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	TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]						Mitigation Deficit
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	
	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	
SUM 2045	32.36	-15.84	-2.18	-3.48	-1.91	-9.44	-0.48
WIN 2045	32.36	-15.84	-2.18	-3.48	-1.91	-9.44	-0.48
SPR 2046	32.35	-15.84	-2.18	-3.48	-1.91	-9.44	-0.48
SUM 2046	32.35	-15.84	-2.18	-3.48	-1.91	-9.44	-0.49
WIN 2046	32.34	-15.84	-2.18	-3.48	-1.91	-9.44	-0.49
SPR 2047	32.34	-15.83	-2.18	-3.48	-1.91	-9.44	-0.50
SUM 2047	32.33	-15.83	-2.18	-3.48	-1.91	-9.44	-0.50
WIN 2047	32.33	-15.83	-2.18	-3.48	-1.91	-9.44	-0.50
SPR 2048	32.33	-15.83	-2.18	-3.48	-1.91	-9.44	-0.51
SUM 2048	32.32	-15.83	-2.18	-3.48	-1.91	-9.44	-0.51
WIN 2048	32.32	-15.83	-2.18	-3.48	-1.91	-9.44	-0.51
SPR 2049	32.31	-15.83	-2.18	-3.48	-1.91	-9.44	-0.51
SUM 2049	32.31	-15.83	-2.18	-3.48	-1.91	-9.44	-0.52
WIN 2049	32.31	-15.83	-2.18	-3.48	-1.91	-9.44	-0.52
SPR 2050	32.30	-15.83	-2.17	-3.48	-1.91	-9.44	-0.52
SUM 2050	32.30	-15.82	-2.17	-3.48	-1.91	-9.44	-0.53
WIN 2050	32.30	-15.82	-2.17	-3.48	-1.91	-9.44	-0.53
SPR 2051	32.29	-15.82	-2.17	-3.48	-1.91	-9.44	-0.53
SUM 2051	32.29	-15.82	-2.17	-3.48	-1.91	-9.44	-0.53
WIN 2051	32.29	-15.82	-2.17	-3.48	-1.91	-9.44	-0.54
SPR 2052	32.28	-15.82	-2.17	-3.48	-1.91	-9.44	-0.54
SUM 2052	32.28	-15.82	-2.17	-3.48	-1.91	-9.44	-0.54
WIN 2052	32.28	-15.82	-2.17	-3.48	-1.91	-9.44	-0.54
SPR 2053	32.28	-15.82	-2.17	-3.48	-1.91	-9.44	-0.55
SUM 2053	32.27	-15.82	-2.17	-3.48	-1.91	-9.44	-0.55
WIN 2053	32.27	-15.82	-2.17	-3.48	-1.91	-9.44	-0.55
SPR 2054	32.27	-15.82	-2.17	-3.48	-1.91	-9.44	-0.55
SUM 2054	32.27	-15.82	-2.17	-3.48	-1.91	-9.44	-0.55
WIN 2054	32.26	-15.82	-2.17	-3.48	-1.91	-9.44	-0.56
SPR 2055	32.26	-15.82	-2.17	-3.48	-1.91	-9.44	-0.56
SUM 2055	32.26	-15.82	-2.17	-3.48	-1.91	-9.44	-0.56
WIN 2055	32.26	-15.82	-2.17	-3.48	-1.91	-9.44	-0.56
SPR 2056	32.26	-15.81	-2.17	-3.48	-1.91	-9.44	-0.56
SUM 2056	32.25	-15.81	-2.17	-3.48	-1.91	-9.44	-0.56
WIN 2056	32.25	-15.81	-2.17	-3.48	-1.91	-9.44	-0.57
SPR 2057	32.25	-15.81	-2.17	-3.48	-1.91	-9.44	-0.57
SUM 2057	32.25	-15.81	-2.17	-3.48	-1.91	-9.44	-0.57
WIN 2057	32.25	-15.81	-2.17	-3.48	-1.91	-9.44	-0.57
SPR 2058	32.25	-15.81	-2.17	-3.48	-1.91	-9.44	-0.57
SUM 2058	32.24	-15.81	-2.17	-3.48	-1.91	-9.44	-0.57
WIN 2058	32.24	-15.81	-2.17	-3.48	-1.91	-9.44	-0.57
SPR 2059	32.24	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
SUM 2059	32.24	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
WIN 2059	32.24	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
SPR 2060	32.24	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
SUM 2060	32.24	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
WIN 2060	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
SPR 2061	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
SUM 2061	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.58
WIN 2061	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SPR 2062	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SUM 2062	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

	TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]						Mitigation Deficit
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon-Shelley	
	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	
WIN 2062	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SPR 2063	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SUM 2063	32.23	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
WIN 2063	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SPR 2064	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SUM 2064	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
WIN 2064	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SPR 2065	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.59
SUM 2065	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
WIN 2065	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
SPR 2066	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
SUM 2066	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
WIN 2066	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
SPR 2067	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
SUM 2067	32.22	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
WIN 2067	32.21	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
SPR 2068	32.21	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
SUM 2068	32.21	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
WIN 2068	32.21	-15.81	-2.17	-3.48	-1.91	-9.44	-0.60
SPR 2069	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SUM 2069	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
WIN 2069	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SPR 2070	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SUM 2070	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
WIN 2070	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SPR 2071	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SUM 2071	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
WIN 2071	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SPR 2072	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SUM 2072	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
WIN 2072	32.21	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SPR 2073	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SUM 2073	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
WIN 2073	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.61
SPR 2074	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SUM 2074	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
WIN 2074	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SPR 2075	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SUM 2075	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
WIN 2075	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SPR 2076	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SUM 2076	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
WIN 2076	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SPR 2077	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SUM 2077	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
WIN 2077	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SPR 2078	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SUM 2078	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
WIN 2078	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SPR 2079	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SUM 2079	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
WIN 2079	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

	TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]						
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon- Shelley	Mitigation Deficit
	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	
SPR 2080	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SUM 2080	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
WIN 2080	32.20	-15.81	-2.17	-3.49	-1.91	-9.44	-0.62
SPR 2081	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2081	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2081	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2082	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2082	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2082	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2083	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2083	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2083	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2084	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2084	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2084	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2085	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2085	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2085	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2086	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2086	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2086	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2087	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2087	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2087	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2088	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2088	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2088	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2089	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2089	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
WIN 2089	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SPR 2090	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.63
SUM 2090	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2090	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2091	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2091	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2091	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2092	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2092	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2092	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2093	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2093	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2093	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2094	32.19	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2094	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2094	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2095	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2095	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2095	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2096	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2096	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2096	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2097	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64

Idaho Water Company
Off-Setting Transfers 35-14019 & 35-14069

	TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]						Mitigation Deficit
	TO: City of Chubbuck	TO: Country Club Hills	TO: Baar	TO: LDS Hibbard	TO: LDS Rigby	TO: Cannon- Shelley	
	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	
SUM 2097	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2097	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2098	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2098	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2098	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2099	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2099	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2099	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2100	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2100	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2100	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SPR 2101	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
SUM 2101	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64
WIN 2101	32.18	-15.81	-2.17	-3.49	-1.91	-9.44	-0.64

Steady State Impacts of Proposed Water Right Transfers

(Idaho Water Co. Off-Setting Transfers: 35-14019, 35-14069)

Changes to Steady State Impacts of Proposed Off-Setting Transfers (Evaluated Individually)														
OFF-SETTING TRANSFER #1									Steady State Impacts by Reach					
	Water Right	Div. rate	Div. Volume	Acres	Priority	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
Brower	combined	4.09	1140.0	285.0	8/19/1952	1S,33E-36	1140.0	SP072131	36.4	44.1	324.5	689.2	15.9	15.7
City of Chubbuck	combined	4.09	1140.0	285.0	8/19/1952	6S,34E-3	1140.0	SP097121	23.3	28.0	260.6	784.6	15.8	14.5
Change in Impacts:									-13.1	-16.0	-63.9	95.4	-0.1	-1.2
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	NO	YES	NO	NO
OFF-SETTING TRANSFER #2									Steady State Impacts by Reach					
	Water Right	Div. rate	Div. Volume	Acres	Priority	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
Brower	35-14019-3	0.75	207.2	51.8	8/19/1952	1S,33E-36	207.2	SP072131	6.6	8.0	59.0	125.3	2.9	2.9
Country Club Hills	35-14019-3	0.75	207.2	51.8	8/19/1952	1N,38E-28	207.2	SP080159	13.4	22.1	88.3	77.8	1.9	1.9
Change in Impacts:									6.8	14.1	29.4	-47.5	-1.0	-0.9
Mitigation Required? (> 6 afa or >10% hist.)									NO	YES	YES	NO	NO	NO
OFF-SETTING TRANSFER #3									Steady State Impacts by Reach					
	Water Right	Div. rate	Div. Volume	Acres	Priority	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
Brower	35-14019-4	0.04	12.0	3.0	8/19/1952	1S,33E-36	12.0	SP072131	0.4	0.5	3.4	7.3	0.2	0.2
Baar	35-14019-4	0.04	12.0	3.0	8/19/1952	9S,16E-3	12.0	SP055021	0.0	0.0	0.2	0.7	0.2	6.0
Change in Impacts:									-0.4	-0.4	-3.2	-6.5	0.0	5.9
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	NO	NO	NO	NO
OFF-SETTING TRANSFER #4 (Staged Pumping)									Steady State Impacts by Reach					
	Water Right	Div. rate	Div. Volume	Acres	Priority	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
Brower	35-14069-3	0.07	17.7	4.4	8/19/1952	1S,33E-36	17.7	SP072131	0.6	0.7	5.0	10.7	0.2	0.2
LDS Hibbard 2,3	35-14069-3	0.07	15.5	4.4	8/19/1952	6N,39E-1	15.5	SP056183	12.1	3.0	0.2	0.2	0.0	0.0
Change in Impacts:									11.5	2.3	-4.9	-10.5	-0.2	-0.2
Mitigation Required? (> 6 afa or >10% hist.)									YES	NO	NO	NO	NO	NO
OFF-SETTING TRANSFER #5									Steady State Impacts by Reach					
	Water Right	Div. rate	Div. Volume	Acres	Priority	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
Brower	35-14069-4	0.05	12.3	3.1	8/19/1952	1S,33E-36	12.3	SP072131	0.4	0.5	3.5	7.4	0.2	0.2
LDS Rigby 11	35-14069-4	0.05	12.3	3.1	8/19/1952	1S,36E-26	12.3	SP066170	2.7	6.4	1.4	1.7	0.0	0.0
Change in Impacts:									2.3	6.0	-2.1	-5.7	-0.1	-0.1
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	NO	NO	NO	NO
OFF-SETTING TRANSFER #6									Steady State Impacts by Reach					
	Water Right	Div. rate	Div. Volume	Acres	Priority	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
Brower	combined	0.43	125.6	31.4	8/19/1952	1S,33E-36	125.6	SP072131	4.0	4.9	35.8	75.9	1.8	1.7
Cannon-Shelley	combined	0.43	125.6	31.4	8/19/1952	1S,36E-26	125.6	SP076153	7.3	10.8	56.6	47.6	1.1	1.2
Change in Impacts:									3.3	5.9	20.8	-28.3	-0.6	-0.6
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	YES	NO	NO	NO
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 Chubbuck									-13.1	-16.0	-63.9	95.4	-0.1	-1.2
Transfer #2 TO: Country Club Hills										14.1	29.4	-47.5	-1.0	-0.9
Transfer #3 TO: Baar									-0.4	-0.4	-3.2	-6.5		
Transfer #4 TO: LDS Hibbard 2,3									11.5		-4.9	-10.5	-0.2	-0.2
Transfer #5 TO: LDS Rigby 11											-2.1	-5.7	-0.1	-0.1
Transfer #6 TO: Cannon-Shelley											20.8	-28.3	-0.6	-0.6
Net Off-Setting Impacts									-1.95	-2.40	-23.94	-3.08	-2.09	-3.07
									OK	OK	OK	OK	OK	OK

Steady State Impacts of Proposed Water Right Transfers

(Idaho Water Co. Off-Setting Transfers: 35-14019, 35-14069)

Changes to Steady State Impacts of Proposed Off-Setting Transfers (Evaluated Individually)															
OFF-SETTING TRANSFER #1								Steady State Impacts by Reach							
	Water Right	Div. rate	Div. Volume	Acres	Priority	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	
Brower	combined	4.09	1140.0	285.0	8/19/1952	1S,33E-36	855.0	SP072131	27.3	33.1	243.4	516.9	11.9	11.8	
City of Chubbuck	combined	4.09	1140.0	285.0	8/19/1952	6S,34E-3	855.0	SP097121	17.5	21.0	195.4	588.5	11.9	10.9	
Change in Impacts:									-9.8	-12.0	-47.9	71.6	-0.1	-0.9	
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	NO	YES	NO	NO	
OFF-SETTING TRANSFER #2								Steady State Impacts by Reach							
	Water Right	Div. rate	Div. Volume	Acres	Priority	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	
Brower	35-14019-3	0.75	207.2	51.8	8/19/1952	1S,33E-36	155.4	SP072131	5.0	6.0	44.2	93.9	2.2	2.1	
Country Club Hills	35-14019-3	0.75	207.2	51.8	8/19/1952	1N,38E-28	155.4	SP080159	10.1	16.6	66.3	58.4	1.4	1.4	
Change in Impacts:									5.1	10.6	22.0	-35.6	-0.8	-0.7	
Mitigation Required? (> 6 afa or >10% hist.)									NO	YES	YES	NO	NO	NO	
OFF-SETTING TRANSFER #3								Steady State Impacts by Reach							
	Water Right	Div. rate	Div. Volume	Acres	Priority	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	
Brower	35-14019-4	0.04	12.0	3.0	8/19/1952	1S,33E-36	9.0	SP072131	0.3	0.3	2.6	5.4	0.1	0.1	
Baar	35-14019-4	0.04	12.0	3.0	8/19/1952	9S,16E-3	9.0	SP055021	0.0	0.0	0.2	0.6	0.2	4.5	
Change in Impacts:									-0.3	-0.3	-2.4	-4.9	0.0	4.4	
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	NO	NO	NO	NO	
OFF-SETTING TRANSFER #4 (Staged Pumping)								Steady State Impacts by Reach							
	Water Right	Div. rate	Div. Volume	Acres	Priority	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	
Brower	35-14069-3	0.07	17.7	4.4	8/19/1952	1S,33E-36	13.3	SP072131	0.4	0.5	3.8	8.0	0.2	0.2	
LDS Hibbard 2,3	35-14069-3	0.07	15.5	4.4	8/19/1952	6N,39E-1	11.6	SP056183	9.1	2.3	0.1	0.2	0.0	0.0	
Change in Impacts:									8.5	1.7	-3.7	-7.9	-0.2	-0.2	
Mitigation Required? (> 6 afa or >10% hist.)									YES	NO	NO	NO	NO	NO	
OFF-SETTING TRANSFER #5								Steady State Impacts by Reach							
	Water Right	Div. rate	Div. Volume	Acres	Priority	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	
Brower	35-14069-4	0.04	12.3	3.1	8/19/1952	1S,33E-36	9.2	SP072131	0.3	0.4	2.6	5.6	0.1	0.1	
LDS Rigby 11	35-14069-4	0.04	12.3	3.1	8/19/1952	1S,36E-26	9.2	SP066170	2.0	4.8	1.0	1.3	0.0	0.0	
Change in Impacts:									1.7	4.5	-1.6	-4.3	-0.1	-0.1	
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	NO	NO	NO	NO	
OFF-SETTING TRANSFER #6								Steady State Impacts by Reach							
	Water Right	Div. rate	Div. Volume	Acres	Priority	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	
Brower	combined	0.43	125.6	31.4	8/19/1952	1S,33E-36	85.6	SP072131	2.7	3.3	24.4	51.7	1.2	1.2	
Cannon-Shelley	combined	0.43	125.6	31.4	8/19/1952	1S,36E-26	85.6	SP076153	5.0	7.3	38.5	32.4	0.8	0.8	
Change in Impacts:									2.2	4.0	14.2	-19.3	-0.4	-0.4	
Mitigation Required? (> 6 afa or >10% hist.)									NO	NO	YES	NO	NO	NO	
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 Chubbuck									-9.8	-12.0	-47.9	71.6	-0.1	-0.9	
Transfer #2 TO: Country Club Hills										10.6	22.0	-35.6	-0.8	-0.7	
Transfer #3 TO: Baar									-0.3	-0.3	-2.4	-4.9			
Transfer #4 TO: LDS Hibbard 2,3									8.5		-3.7	-7.9	-0.2	-0.2	
Transfer #5 TO: LDS Rigby 11											-1.6	-4.3	-0.1	-0.1	
Transfer #6 TO: Cannon-Shelley											14.2	-19.3	-0.4	-0.4	
Net Off-Setting Impacts									-1.46	-1.80	-19.38	-0.37	-1.52	-2.27	
									OK	OK	OK	OK	OK	OK	