

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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78017

Department of Water Resources
Eastern Region

APPLICATION FOR TRANSFER OF WATER RIGHT PART 1

Name of Applicant(s) Idaho Water Co. Phone (208) 312-1135

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

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

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

☐ No Representative

Name of Representative Jason C. Helms, P.E. Phone (208) 308-2109

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

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

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


Signature of Applicant or Authorized Representative


Print Name and Title if applicable


Signature of Applicant or Authorized Representative

Print Name and Title if applicable

A. PURPOSE OF TRANSFER

- ☒ Change point of diversion ☒ Add diversion point(s) ☒ Change place of use
☐ Change nature of use ☐ Change period of use ☒ Other Provide off-setting ESPA mitigation.
- 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**. Change the place of use for a portion of existing water right 35-14162 to authorize irrigation within the area shown on attachment #7a. Irrigated area will be permanently set-aside at the original place of use to offset new use. This transfer also seeks to correct well location for currently authorized rights 35-14046, 14052.

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1 Continued

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

1. <u>Right Number</u>	<u>Amount</u> (cfs/ac-ft)	<u>Nature of Use</u>	<u>Period of Use</u>		<u>Source & Tributary</u>
35-14162 (split)	1.19 / 310.0	IRRIGATION	4/1	to 10/31	GROUND WATER
35-14046	0.41 / 110.9	IRRIGATION	4/1	to 10/31	GROUND WATER
35-14052	1.55 / 309.1	IRRIGATION	4/1	to 10/31	GROUND WATER
_____	_____	_____	_____	to _____	_____
_____	_____	_____	_____	to _____	_____
_____	_____	_____	_____	to _____	_____
_____	_____	_____	_____	to _____	_____
_____	_____	_____	_____	to _____	_____
_____	_____	_____	_____	to _____	_____
Total <u>2.74</u> cfs and/or <u>730.0</u> ac-ft					

2. Total amount of water being transferred or changed 2.74 cubic feet per second and/or 730.0 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 #
n		SE	SE	NW	12	06S	29E	Power	Ground Water	Extg. Well

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	
06S	29E	12					40	40	40	40	40	40	40	40					320

Total Acres (for irrigation use) 320 (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 irrigation system (see existing water rights 35-14046, 35-14052).

- b. Who owns the property at the point(s) of diversion? **County Line Farms**

If other than the applicant, describe the arrangement enabling the applicant to access the property for the diversion system: _____
See attached agreement between Idaho Water Co. & County Line Farms allowing the proposed change.

- 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: _____
35-14162 is held in the water supply bank. Remaining total irrigation use at existing location will be reduced to provide water for this transfer. The portion indicated in this transfer represents a 77.5 acre proportional fraction.

- 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: No other rights at historical place of use.
Existing water rights 35-14046 & 35-14052 at the proposed place of use are limited to a combined irrigation of 105.0
acres within the existing permissible place of use. This portion of 35-14162 will be used to irrigate an additional 77.5 ac.
through the same diversion system. This transfer seeks to correct the diversion location authorized under existing rights
35-14046 and 35-14052 which are currently at the proposed place of use.

- 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: 35-14162 is currently held in the Water Supply Bank .

No Irrigation will occur under the proposed transfer portion until formally released following transfer approval.

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

Current Water Right No.: 35-14162

Current Owner: IDAHO WATER CO LLC
 Priority Date: 7/19/1973
 Origin: Water Right
 Status: Water Supply Bank Active
 Basis: Decreed

Source

Tributary

GROUND WATER

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	1.98 CFS	516 AF
	<u>Total Diversion</u>	1.98 CFS	516 AF

Location of Point(s) of Diversion

GROUND WATER SE1/4NW1/4 Sec. 22, Twp 01S, Rge 33E B.M.
 BINGHAM County

Place of Use

IRRIGATION Within BINGHAM County

T01S R33E S22	SWNW	29.00	T01S R33E S22	SENE	28.00
T01S R33E S22	NESW	38.00	T01S R33E S22	NWSW	34.00
Total Acres: 129					

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: 6/7/2002

5. 004 This right does not grant any right-of-way or easement across the land of another.
6. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
7. 214 Prior to the diversion and use of water under Transfer approval 76805, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.
8. 201 The combination of changes under:
Transfer approval 76778 as described under rights 25-14326 and 25-14327;
Transfer approval 76804 as described under rights 29-13979 and 29-13980;
Transfer approval 76805 as described under rights 35-14046 and 35-14052;
Transfer approval 76806 as described under rights 36-16878 and 36-16879;
Transfer approval 76808 as described under rights 21-13121 and 21-13122;

provide the necessary mitigation for any increased depletion to connected reaches of the Snake River that would result from each individual transfer. These transfer approvals shall not require mutual dependence for ongoing mitigation.

Any future action, including a subsequent transfer of this right or an order rescinding a transfer approval, which would result in a change to the point(s) of diversion under this right may require mitigation for the effects of the change. Such future action to change the point(s) of diversion under this right shall be analyzed for effects to connected reaches of the Snake River based on the priority date, point(s) of diversion and steady-state quantity as authorized for this right.
9. 213 Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
10. K02 This right is based upon an enlargement of Right No. 35-14052 pursuant to Section 42-1426, Idaho Code.
11. X35 Rights 35-14046 and 35-14052 when combined shall not exceed a total diversion rate of 1.55 cfs, a total annual maximum diversion volume of 420.0 af at the field headgate, and the irrigation of 105.0 acres.
12. C11 This water right is subordinate to all water rights with a priority date earlier than April 12, 1994, that are not decreed as enlargements pursuant to Section 42-1426, Idaho Code. As between water rights decreed as enlargements pursuant to Section 42-1426, Idaho Code, the earlier priority right is the superior right.
13. T07 The right holder shall accomplish the change authorized by this transfer within one year(s) of the date of this approval.
14. 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.
15. R02 A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
16. R64 This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.

Decreed Date: 9/12/2002

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6. 201 The combination of changes under:
 Transfer approval 76778 as described under rights 25-14326 and 25-14327;
 Transfer approval 76804 as described under rights 29-13979 and 29-13980;
 Transfer approval 76805 as described under rights 35-14046 and 35-14052;
 Transfer approval 76806 as described under rights 36-16878 and 36-16879;
 Transfer approval 76808 as described under rights 21-13121 and 21-13122;

 provide the necessary mitigation for any increased depletion to connected reaches of the Snake River that would result from each individual transfer. These transfer approvals shall not require mutual dependence for ongoing mitigation.

 Any future action, including a subsequent transfer of this right or an order rescinding a transfer approval, which would result in a change to the point(s) of diversion under this right may require mitigation for the effects of the change. Such future action to change the point(s) of diversion under this right shall be analyzed for effects to connected reaches of the Snake River based on the priority date, point(s) of diversion and steady-state quantity as authorized for this right.
7. 206 Rights 35-14046 and 35-14052 are limited to the irrigation of a specific 105.0 acres within the 320.0 acre place of use authorized by these rights in a single irrigation season. The specific 105.0 acres to be irrigated by the right holder shall be identified prior to use by submittal of a land list and a representative electronic shape file or by submittal of a land list and a map sufficiently detailed to allow creation of an electronic shape file to be associated with this right in the geographic information system component of the water rights database maintained by the department. Before changing the 105.0 acres to be irrigated within the 320.0 acre place of use, the right holder shall submit a new land list and representative electronic shape file or map to the Department prior to the irrigation season in which the change will occur.
8. R02 A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
9. R05 Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.
10. 046 Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
11. X35 Rights 35-14046 and 35-14052 when combined shall not exceed a total diversion rate of 1.55 cfs, a total annual maximum diversion volume of 420.0 af at the field headgate, and the irrigation of 105.0 acres.
12. T08 Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
13. K01 Right No. 35-14046 is an enlargement of this right pursuant to Section 42-1426, Idaho Code.
14. T07 The right holder shall accomplish the change authorized by this transfer within one year(s) of the date of this approval.
15. 004 This right does not grant any right-of-way or easement across the land of another.

Decreed Date: 9/12/2002

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT PART 3

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

- ☒ Attach a map of the diversion, measurement, control, and distribution system. Label it **Attachment #7a**.
- ☒ If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. Label it **Attachment #7b**. If the place of use currently consists of a permissible place of use, then the attachment is not required if the application contains a clear statement that the boundaries for the place of use are not proposed to be changed by the transfer and the total number of irrigated acres within the place of use before and after the transfer is clearly stated.

B. CHANGES IN NATURE OF USE (Water Balance)

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

C. PLACE OF USE CHANGES TO SUPPLEMENTAL IRRIGATION RIGHTS

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

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

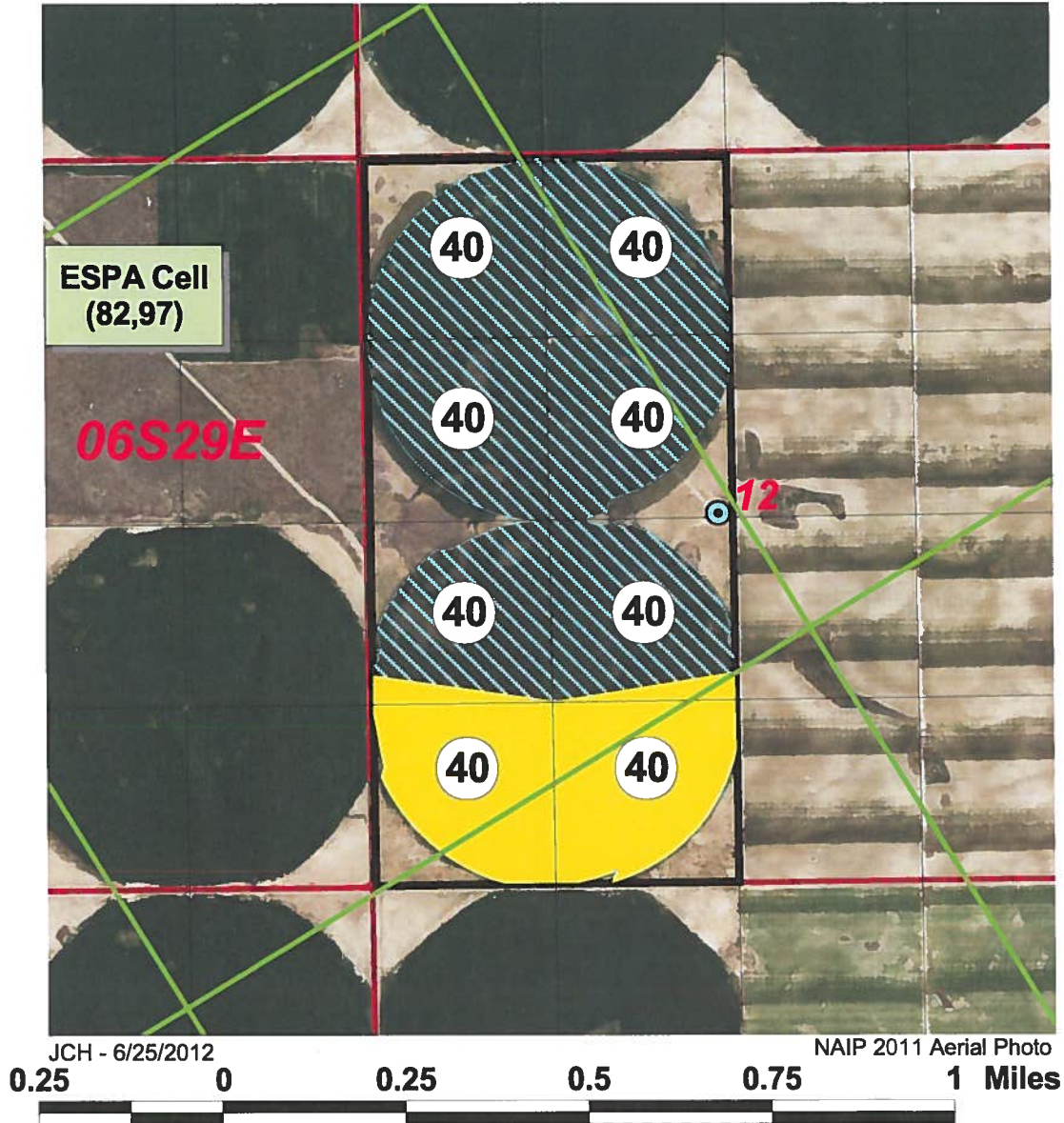
FOR DEPARTMENT USE ONLY

Transfer contains **pages and** **attachments.**

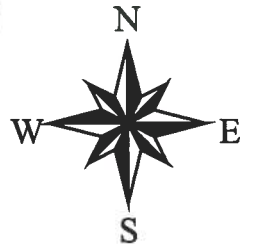
Received by _____	Date _____	Prelim. Check by _____	Date _____
Fee Paid <u>580.00</u>	Date <u>7/3/2012</u>	Received by <u>Blah</u>	Receipt # <u>E037764</u>
Add'l Fee Paid <u>80.00</u>	Date <u>7/3/2012</u>	Received by <u>Blah</u>	Receipt # <u>E037765</u>

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APPLICATION FOR TRANSFER OF WATER RIGHT (Proposed Place of Use)



- ESPA Model Grid
- Existing Well (35-14046, 14052)
- Proposed Authorized Irrigation (182.5 ac)
- Temporary Rental (77.5 ac)
- County Line Farms Proposed Permissible Place Of Use
- Townships
- Sections



ATTACHMENT #7A

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ESPA Impact Analysis Report

Idaho Water Company Combined Off-Setting Transfers (35-14162)

- Transfer #1: City of Ammon
- Transfer #2: County Line Farms
- Transfer #3: Jefferson County Lake
- Transfer #4: Country Club Hills Subdivision

Prepared by Jason C. Helms, P.E.
May 23, 2012

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APPENDICES

Appendix A.	Table: Water Right 35-14162 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 Ammon (Well #9)
Table D.2	Data Entry Table : Transfer #1 - City of Ammon (Well #10)
Table D.3	Data Entry Table : Transfer #2 - Country Club Hills
Table D.4	Data Entry Table: Transfer #3 - Jefferson County Lake
Table D.5	Data Entry Table: Transfer #4 - County Line Farms
Appendix E.	Combined ESPA Reach Results
Table E.1	Off-Setting Impacts: Heise To Shelley
Table E.2	Off-Setting Impacts: Shelley To Near Blackfoot
Table E.3	Off-Setting Impacts: Near Blackfoot To Neeley

1. General Information

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

Each of the four transfers seek to change the place of use for varying portions of existing water rights 35-14162. A table showing the proposed splits based on proportional fractions of the existing right is attached as **Appendix A**. A map showing the locations of the proposed and historical diversion locations is attached as **Appendix B**.

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 right 35-14162 has the maximum authorized volume of 4.0 acre-ft per acre authorized for use. For each transfer, the full transferred volume is considered to be available immediately following formal transfer approval by IDWR with the model allowing approval as soon as Spring, 2012.

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 four model analyses, the determination of changes to ESPA river reaches was evaluated utilizing only the specific volume proposed for each individual transfer. The "without transfer" impacts are determined by modeling the diversion of the historical headgate volume authorized by the water right beginning on the priority

date of the water right and continuing through the end of the model time period. This provides a baseline of priority authorized reach impacts according to the historical diversion location of the proposed transferred water rights. The impacts resulting from the new diversion location is modeled in the "TO Well" with total change in impacts calculated through summation of residual impacts still propagating from the past historical use combined with the new impacts resulting from diversion of the water right at the proposed new location.

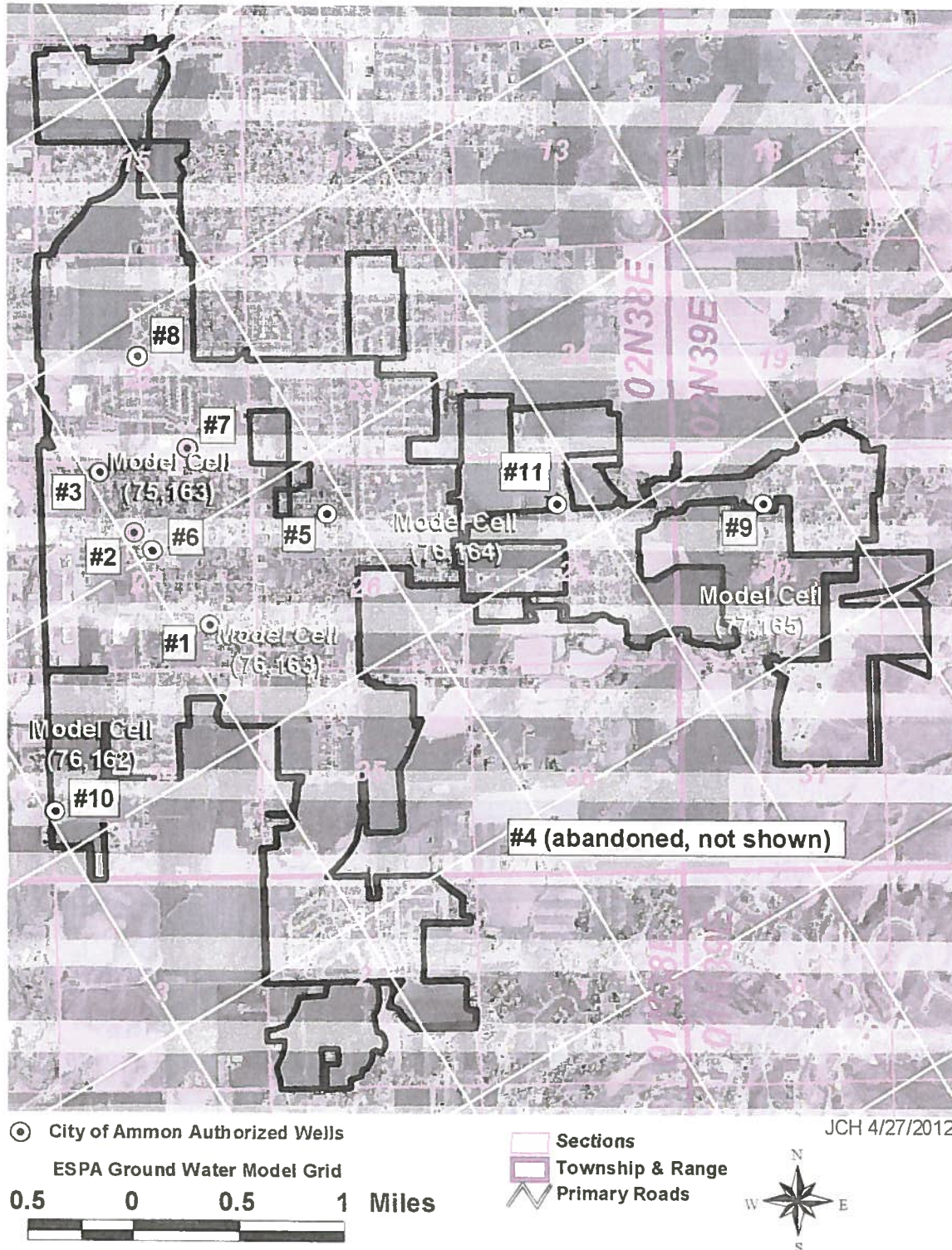
Following determination of independent transfer impacts, the results were examined to determine if mitigation was required for each model timestep. If the individual reach impacts exceed 10% of the total diversion, **and** the increase in reach impacts exceeds 2 acre-ft per year **and** the increase 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 of all proposed diversions according to the steady state model.

The City of Ammon diversion system spans 5 separate ESPA model cells so the worst-case combination was determined for both the mitigation required by the transfer as well as for the off-setting mitigation provided by the transfer. For the City of Ammon transfer, the mitigation requirement is highest considering diversion from the well within ESPA model Cell 77,165. In terms of the off-setting mitigation provided for the County Line Farms transfer, the City of Ammon portion was considered to be diverted from the well within ESPA Model Cell 76,162 which conservatively provides the least off-setting mitigation to the Near Blackfoot to Neeley reach.

3. Transfer #1 (City of Ammon)

Transfer #1 seeks to provide ground water irrigation water rights for use within the service area of the municipal water supply system of the City of Ammon to meet peak summertime demand. The City of Ammon wells lie within 5 individual ESPA model cells as shown on **Figure 1**. The transfer seeks to authorize the diversion of the transferred water right from any of the City of

Ammon wells. **Table 1** (following page) shows the expected steady state ESPA reach impacts (acre-ft per year) of the proposed transfer to any of the included model cells. The ESPA reaches comprising at least 10% of the total impacts for



all potential diversion locations are the Heise to Shelley, Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches (impacts shaded).

As shown below, ground water diversion from the City of Ammon system within the ESPA model in comparison to diversions from the existing well generates increased reach impacts in the Heise to Shelley Model and Shelley to Near Blackfoot model reaches while also generates significant off-setting credits for the Near Blackfoot to Neeley ESPA model reach.

Steady State Impacts of Existing Water Use				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
Idaho Water Co.	1S,33E-22	60.0	SP069131	2.0	2.5	17.1	36.0	0.8	0.8
Hist.Depletion [afa]		60.0		2.0	2.5	17.1	36.0	0.8	0.8
Steady State Impacts of Potential New Diversions									
	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
City of Ammon	2N,38E-34	60.0	SP076162	4.5	7.9	22.6	23.4	0.6	0.6
	Change in Impacts [afa]			2.4	5.4	5.5	-12.6	-0.3	-0.3
City of Ammon	2N,38E-22	60.0	SP075163	4.7	8.5	21.9	23.3	0.6	0.6
	Change in Impacts [afa]			2.6	6.0	4.8	-12.7	-0.3	-0.3
City of Ammon	2N,38E-26	60.0	SP076163	4.6	8.3	22.2	23.2	0.6	0.6
	Change in Impacts [afa]			2.6	5.9	5.2	-12.8	-0.3	-0.3
City of Ammon	2N,38E-25	60.0	SP076164	4.8	8.9	21.9	22.9	0.6	0.6
	Change in Impacts [afa]			2.7	6.4	4.8	-13.1	-0.3	-0.3
City of Ammon	2N,39E-30	60.0	SP077165	4.8	9.1	21.8	22.6	0.5	0.6
	Change in Impacts [afa]			2.8	6.6	4.8	-13.4	-0.3	-0.3

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

Based on the steady state results, it is clear that the proposed transfer produces the largest mitigation requirement assuming the transferred water is diverted from Well #9 within ESPA model cell (77,165) while providing the lowest level of off-setting mitigation when assuming the transferred water will be diverted from Well #10 within ESPA model cell (76,162).

3.1. Transfer #1 ESPA Transient Impacts

Calculated worst-case transient impacts (acre-ft per trimester) resulting from the transfer to the City of Ammon Well #9 within ESPA model cell (77,165) utilizing the ESPA Transfer Spreadsheet is shown below in **Chart 1**. The transient analysis reveals an increase over projected historical impacts in the Ashton to Rexburg, Heise to Shelley and Shelley to Near Blackfoot reaches. In agreement with the calculated steady state values, only the Heise to Shelley reach experiences a net increase over 2 acre-ft per trimester requiring mitigation. The off-setting mitigation provided by this transfer to the Near Blackfoot to Neeley reach is also apparent, although this particular location is the best-case mitigation to that reach and will not be assumed for the off-setting mitigation for Transfer #2 which will assume the diversion to occur from the City of Ammon Well #10 within ESPA cell (76,162) instead.

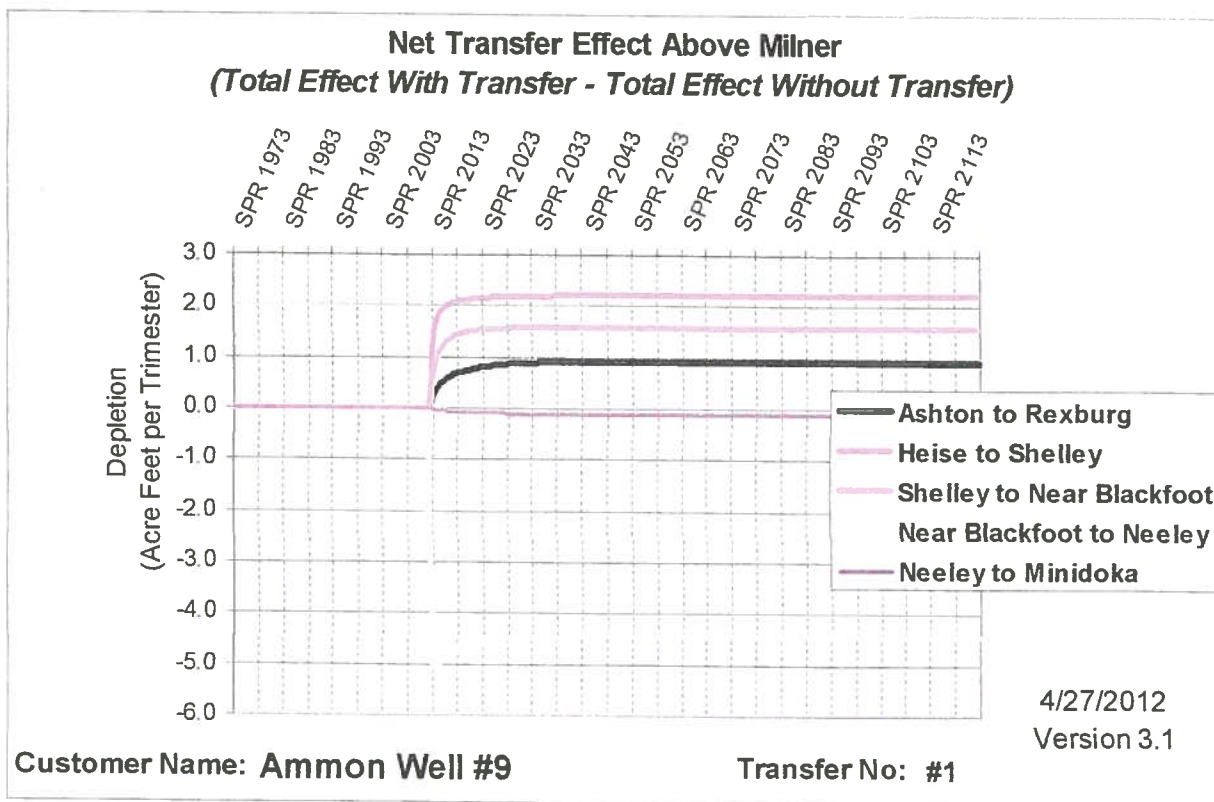


Chart 1: Transient ESPA Reach Impacts from Proposed Transfer to the City of Ammon (Well #9)

4. Transfer #2 (County Line Farms)

Transfer #2 seeks to provide additional ground water irrigation water rights for use within the permissible place of use associated with existing water rights 35-14046 and 35-14052. **Table 2** (below) shows the historical and expected steady state impacts (acre-ft per year) of the proposed transfer to the County Line Farms property. The ESPA reaches comprising at least 10% of the total impacts related to diversion from the proposed well are the Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches (impacts shaded).

This location within the ESPA model generates significantly higher reach impacts in the Near Blackfoot to Neeley model reach while providing significant off-setting mitigation to the three uppermost reaches. The Neeley to Minidoka reach also shows an increase, however the impacts to that reach are less than 10% of the total diversion so no mitigation is normally required for that particular reach according to current IDWR policy¹. Transfer #2 to County Line Farms specifically generates off-setting mitigation credits for Transfer #1 in the Heise to Shelley reach and for Transfer #3 in the Shelley to Near Blackfoot 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
Idaho Water Co.	1S,33E-22	310.0	SP069131	10.6	12.8	88.2	186.0	4.3	4.3
County Line Farms	6S,29E-12	310.0	SP082097	4.8	5.7	46.9	217.2	14.9	10.8
Change in Impacts:				-5.8	-7.1	-41.3	31.2	10.6	6.5
Mitigation Required? (> 6 afa or >10% historical):				NO	NO	NO	YES	NO	NO

Table 2: Changes to ESPA Reach Impacts Resulting from Proposed Transfer to County Line Farms

4.1. Transfer #2 ESPA Transient Impacts

Calculated transient impacts (acre-ft per trimester) resulting from the transfer to County Line Farms utilizing the ESPA Transfer Spreadsheet showing the upper ESPA reach impacts (acre-ft per trimester) resulting from Transfer #2 are shown below in **Chart 2**.

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

According to the transient analysis, there is an initial spike where historical impacts overlap with modeled new diversions exceeding the steady state values. These compounded impacts recede after approximately 5 years and fall slightly below steady state impacts. In agreement with the calculated steady state analysis, this transfer generates off-setting credits in the Ashton to Rexburg, Heise to Shelley and Shelley to Near Blackfoot reaches.

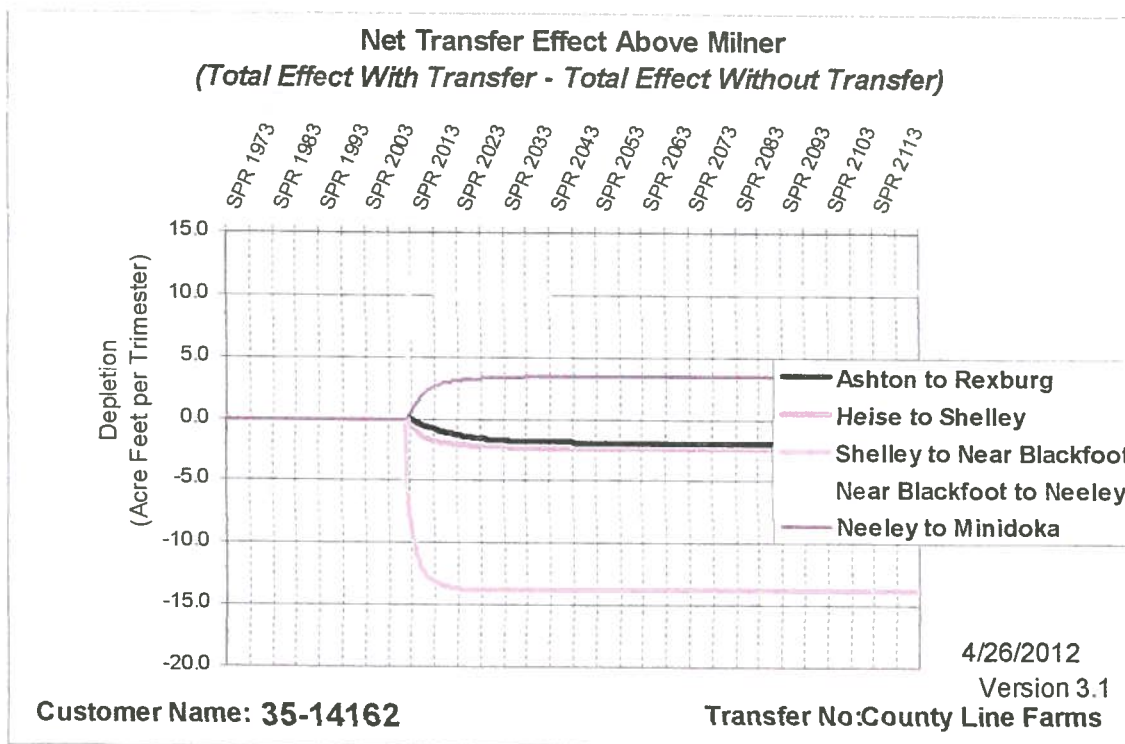


Chart 2: Transient ESPA Reach Impacts from Transfer to County Line Farms

5. Transfer #3

Transfer #3 seeks to provide 14 acres of ground water irrigation water rights for irrigation uses within the permissible place of use associated with existing water rights 25-14346 and 25-14370. **Table 3** (on the following page) shows the expected steady state impacts of the proposed transfer to the Country Club Hills Subdivision 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 Heise to Shelley, Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches (impacts shaded).

According to the steady state analysis, only the Shelley to Near Blackfoot reach experiences increased impacts over 6 acre-ft per year requiring mitigation (which is fully provided by Transfer #2). Transfer #3 in turn, generates significant off-setting mitigation for Transfer #2 within 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	Devil's Washbowl to Buhl
Idaho Water Co.	1S,33E-22	56.0	SP069131	1.9	2.3	15.9	33.6	0.8	0.8
Country Club Hills	1N,38E-28	56.0	SP080159	3.6	6.0	23.9	21.0	0.5	0.5
Change in Impacts:				1.7	3.7	8.0	-12.6	-0.3	-0.3
Mitigation Required? (> 6 afa or >10% historical):				NO	NO	YES	NO	NO	NO

Table 3: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to Country Club Hills

5.1. Transfer #3 ESPA Transient Impacts

Calculated transient changes (acre-ft per trimester) from historical impacts to upper ESPA reaches resulting from the proposed transfer to the Country Club Hills Subdivision utilizing the ESPA Transfer Spreadsheet are shown in **Chart 3**.

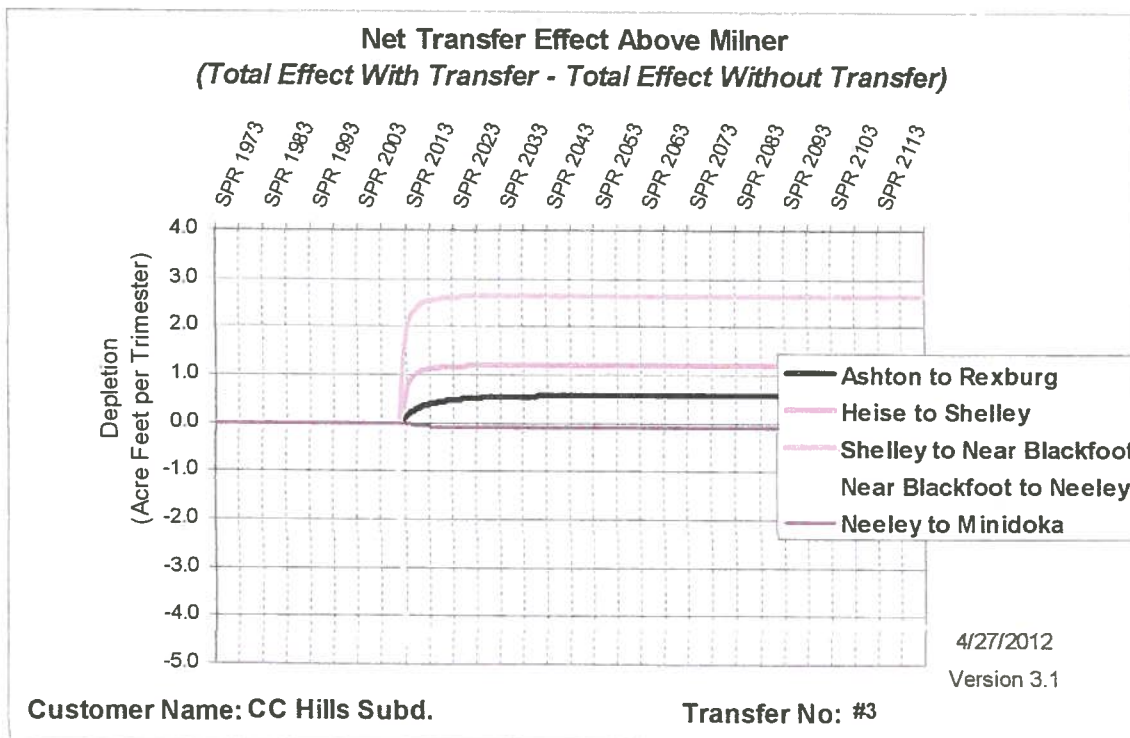


Chart 3: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to Country Club Hills

According to the results of the transient model analysis, additional impacts in the Shelley to Near Blackfoot reach increase quickly exceeding 2 acre-ft per trimester over historical levels. The offsetting mitigation generated in the Near Blackfoot to Neeley reach is also readily apparent with additional mitigation over steady state levels provided during the first few years following the transfer.

6. Transfer #4

Transfer #4 seeks to provide ground water irrigation water rights for use at the Jefferson County Lake Recreation area. **Table 4** (below) shows the expected steady state impacts (acre-ft per year) of the proposed transfer to the Jefferson Lake well 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).

Transfer to this location within the ESPA model generates increased reach impacts in the Heise to Shelley reach under 6 acre-ft per year at steady state. According to the steady state analysis, this particular transfer provides off-setting mitigation to the Shelley to Near Blackfoot and Near Blackfoot to Neeley reaches of the Snake River.

OFF-SETTING TRANSFER #4				Steady State Impacts by Reach					
	POD Location	Model Volume [afa]	Model Node	Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl
Idaho Water Co.	1S,33E-22	10.0	SP069131	0.3	0.4	2.8	6.0	0.1	0.1
Jefferson Lake	4N,39E-7	10.0	SP064173	2.8	6.2	0.4	0.5	0.0	0.0
Change in Impacts:				2.5	5.8	-2.4	-5.5	-0.1	-0.1
Mitigation Required? (> 6 afa or >10% hist.)				NO	NO	NO	NO	NO	NO

Table 4: Changes to ESPA Reach Impacts Resulting from Transfer to Jefferson County Lake

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 4**. According to the results of the transient model analysis, there is a slight increase over steady state during the first 30 years after transfer, however the total increase never exceeds 2 acre-ft per trimester. The reduced

impacts in the Shelley to near Blackfoot and Near Blackfoot to Neeley reaches off-setting a portion of the increased impacts resulting from Transfer #2 to the

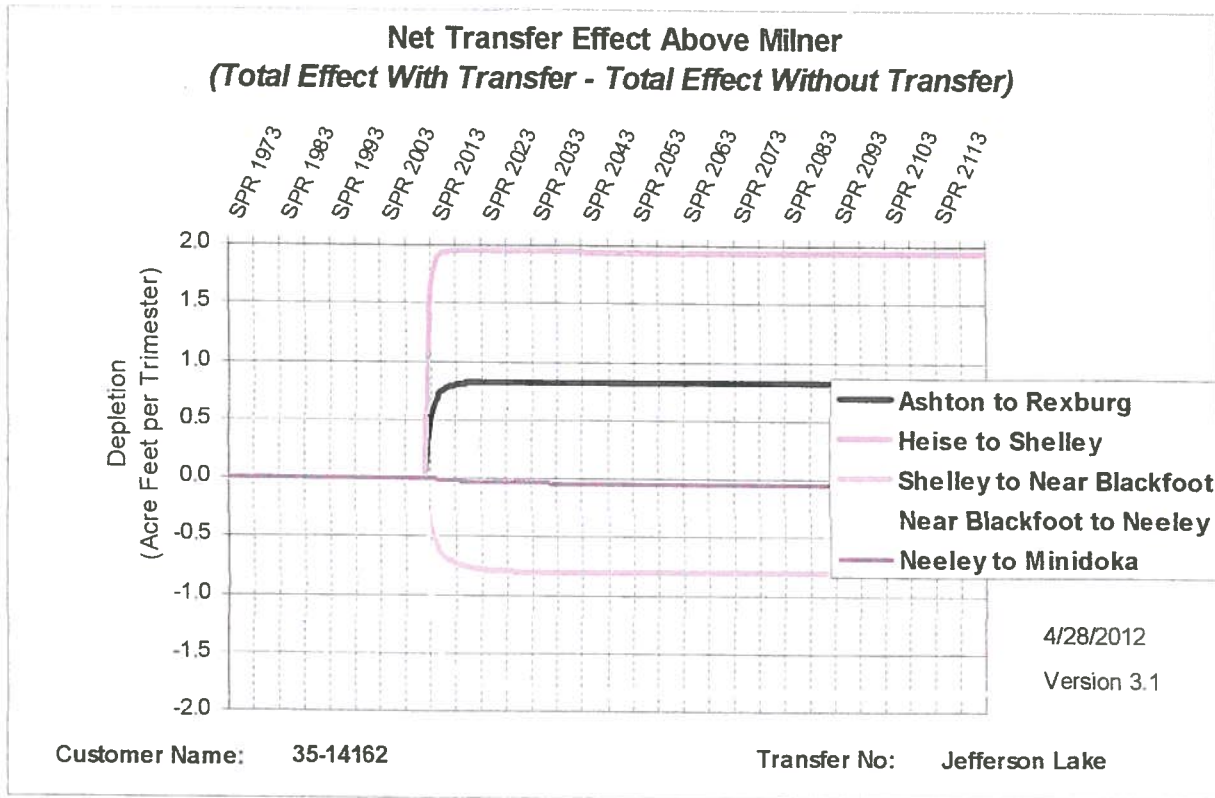


Chart 4: Changes to ESPA Reach Impacts (Above Milner) Resulting from Transfer to Jefferson Lake
County Line Farms property is also apparent.

7. Analysis of Required Mitigation & Off-Setting Impacts

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

				Steady State Change in Impacts by Reach					
				Ashton to Rexburg	Heise to Shelley	Shelley to Near Blackfoot	Near Blackfoot to Neeley	Neeley to Minidoka	Devil's Washbowl to Buhl
Transfer #1 TO: City of Ammon				-	6.65	-	-13.40	0.29	-0.28
Transfer #2 TO: County Line Farms				-5.76	-7.08	-41.21	31.17	-	-
Transfer #3 TO: Country Club Hills				-	-	7.95	-12.51	-0.28	-0.28
Transfer #4 TO: Jefferson Lake				-	-	-3.41	-5.53	-0.15	-0.11
Total:				-5.76	-0.43	-35.76	-0.29	-0.70	-0.67

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

7.1. Heise to Shelley (Transfers #1 & #2)

The following two charts show the increased transient impacts within the Heise to Shelley reach associated with the proposed transfer to the City of Ammon and the off-setting mitigation provided by the transfer to County Line Farms. **Chart 5** specifically shows the off-setting impacts assuming all water rights transferred to the City of Ammon are diverted from Well #9 located within ESPA model cell (77,165) which generates the greatest change in impacts compared to diversions from the well historically associated with water right 35-14162. **Chart 6** shows the increased transient impacts of the water rights transferred to the City of Ammon assuming the full volume is diverted from Well #10 located within ESPA model cell (76,162) as well as the off-setting impacts provided by the transfer to County Line Farms. In both cases, the combined change in impacts are initially negative, however the effect is ultimately beneficial within the transient model period. In the case of diversions from Well #9, the cumulative net change is beneficial following approximately 2060 while in the case of diversions from Well #10, the Heise to Shelley reach experiences a cumulative net gain much sooner following the year 2020.

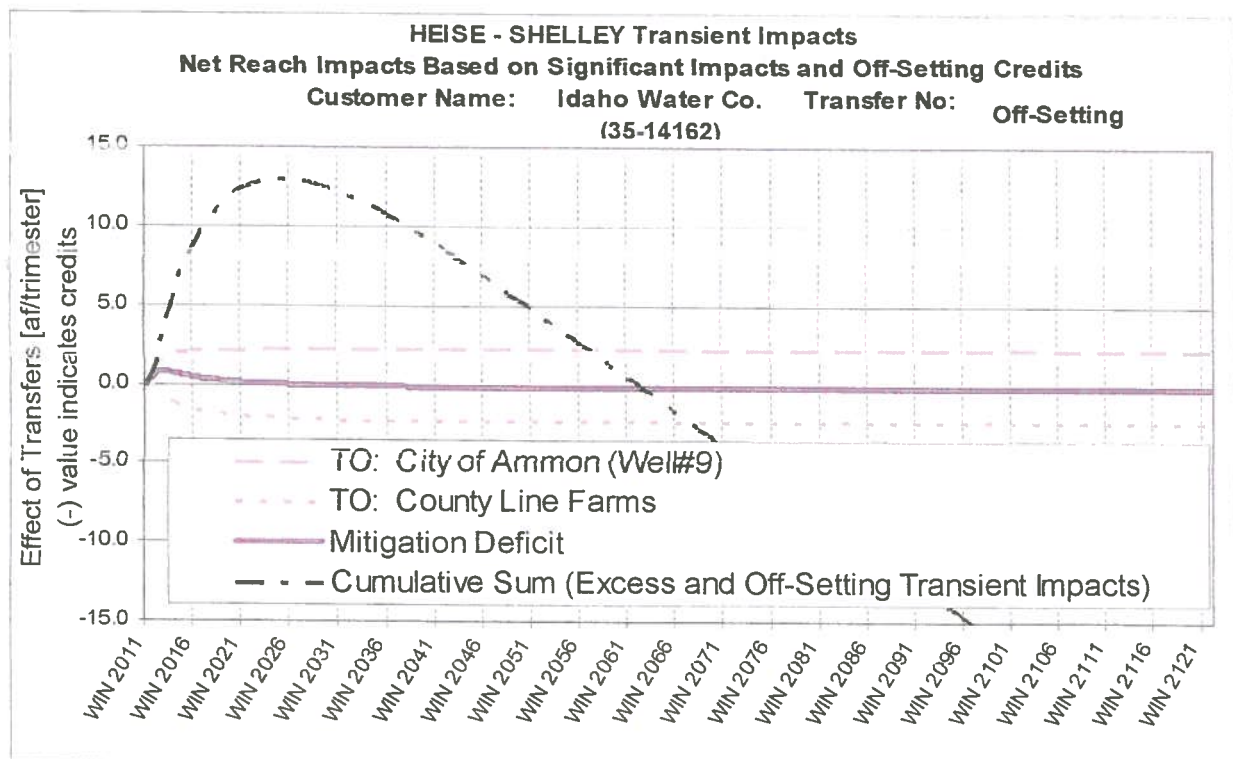


Chart 5: Heise to Shelley Off-Setting Transient Impacts (Ammon Well #9)

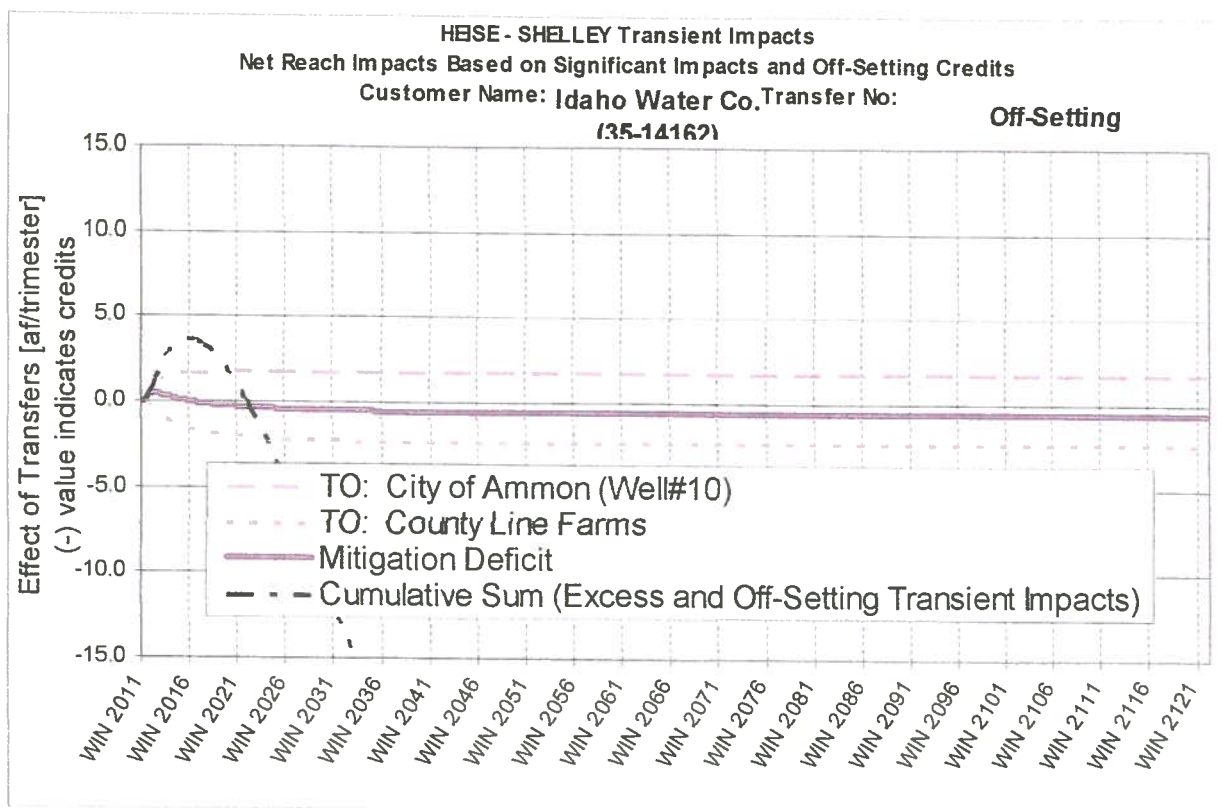


Chart 6: Heise to Shelley Off-Setting Transient Impacts (Ammon Well #10)

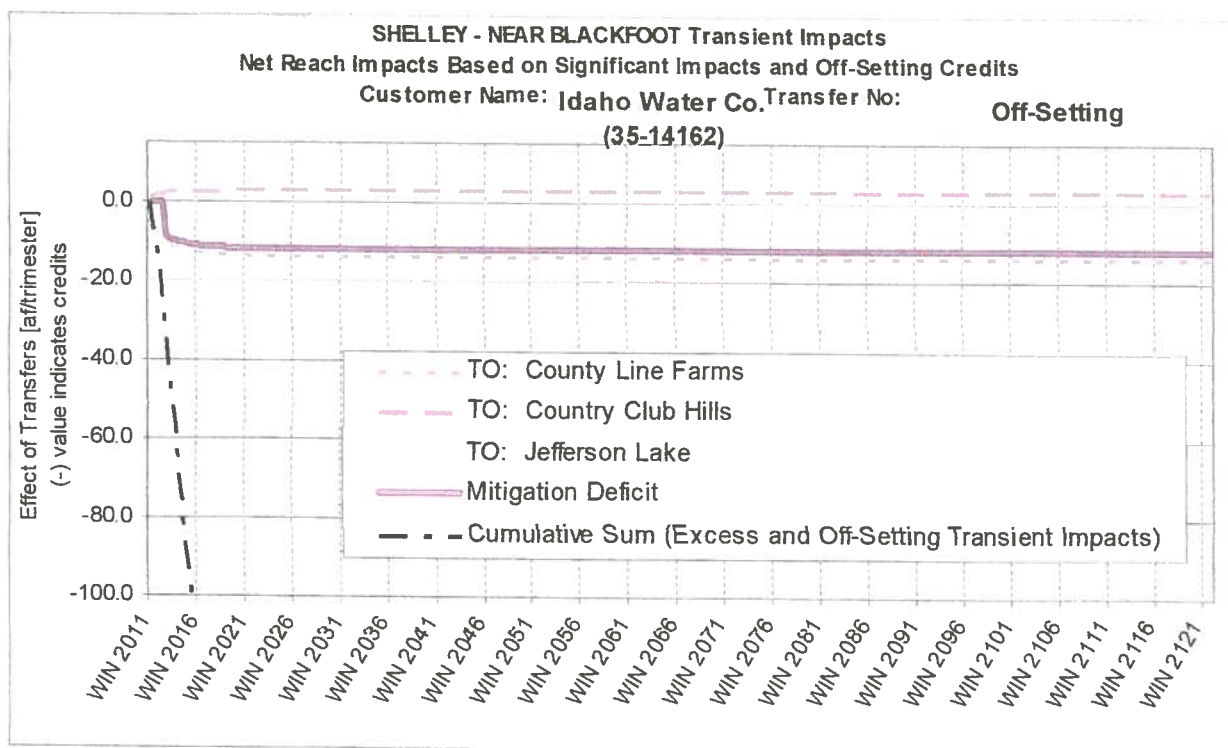


Chart 7: Shelley to Near Blackfoot Off-Setting Transient Impacts

7.2. Shelley to Near Blackfoot (Transfers #2, #3 & #4)

Chart 7 on the preceding page shows the calculated transient impacts within the Shelley to Near Blackfoot reach associated with the proposed transfer to the Country Club Hills Subdivision and the off-setting mitigation provided by the companion transfers to County Line Farms and Jefferson Lake. Clearly, the transfer to County Line Farms in addition to the transfer to Jefferson Lake provides ample mitigation resulting in a net reach gain throughout the model period.

7.3. Near Blackfoot to Neeley (Transfers #1, #2, #3 & #4)

The following two charts show the individual and off-setting transient impacts within the Near Blackfoot to Neeley reach associated with the proposed companion transfers. **Chart 8** specifically shows the combined impacts assuming all water rights transferred to the City of Ammon are diverted from Well #9 located within ESPA model cell (77,165) which generates the greatest change in impacts compared to diversions from the well historically associated with water right 35-14162. **Chart 9** shows the increased and off-setting impacts assuming the full volume of the water rights transferred to the City of Ammon are diverted from Well #10 located within ESPA model cell (76,162). In both cases, the combined change in impacts show minor additional depletions initially, however the effect is ultimately beneficial if City of Ammon diversions are calculated to occur from Well #9 within the transient model period. In the case of diversions from Well #10, the transfers appear to provide approximately as much positive as negative impacts within the span of the transient model period. Overall, even in the worst-case scenario assuming the full volume of the transferred water to the City of Ammon is diverted from Well #10, total combined depletions are less than 0.5 acre-ft per year in excess of calculated historical impacts corresponding to an increase of less than 0.1 percent over the historical impacts within this reach resulting from the combined transfers.

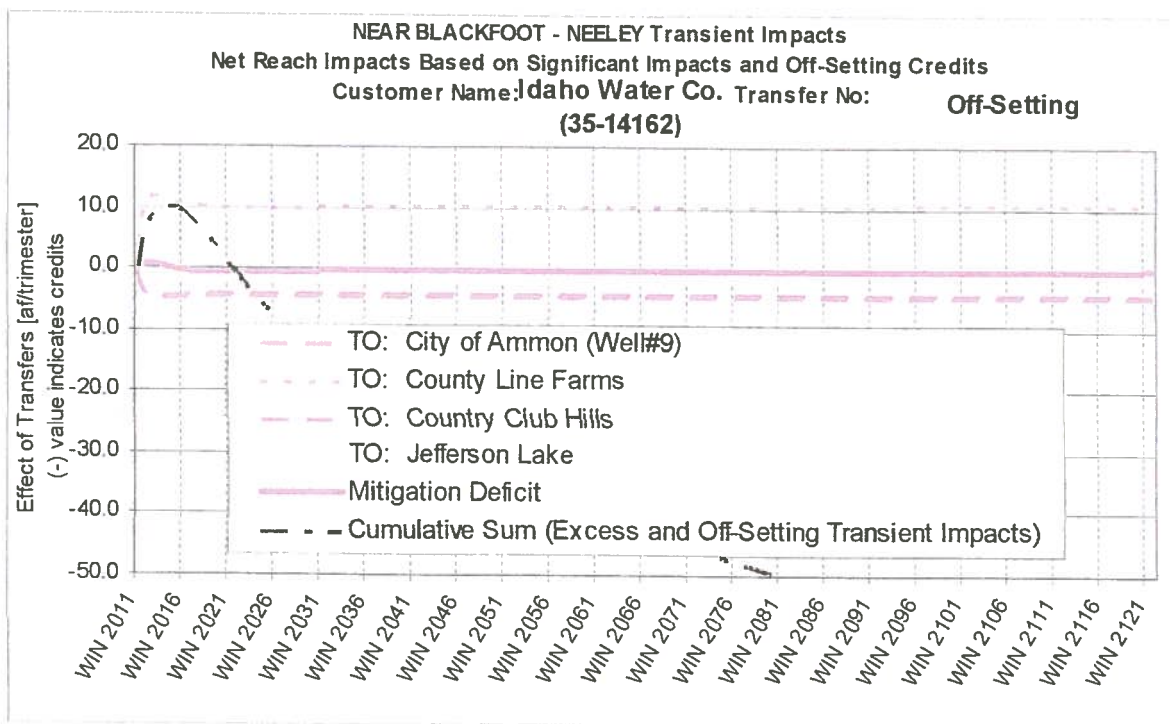


Chart 8: Near Blackfoot to Neeley Off-Setting Transient Impacts (Ammon Well #9)

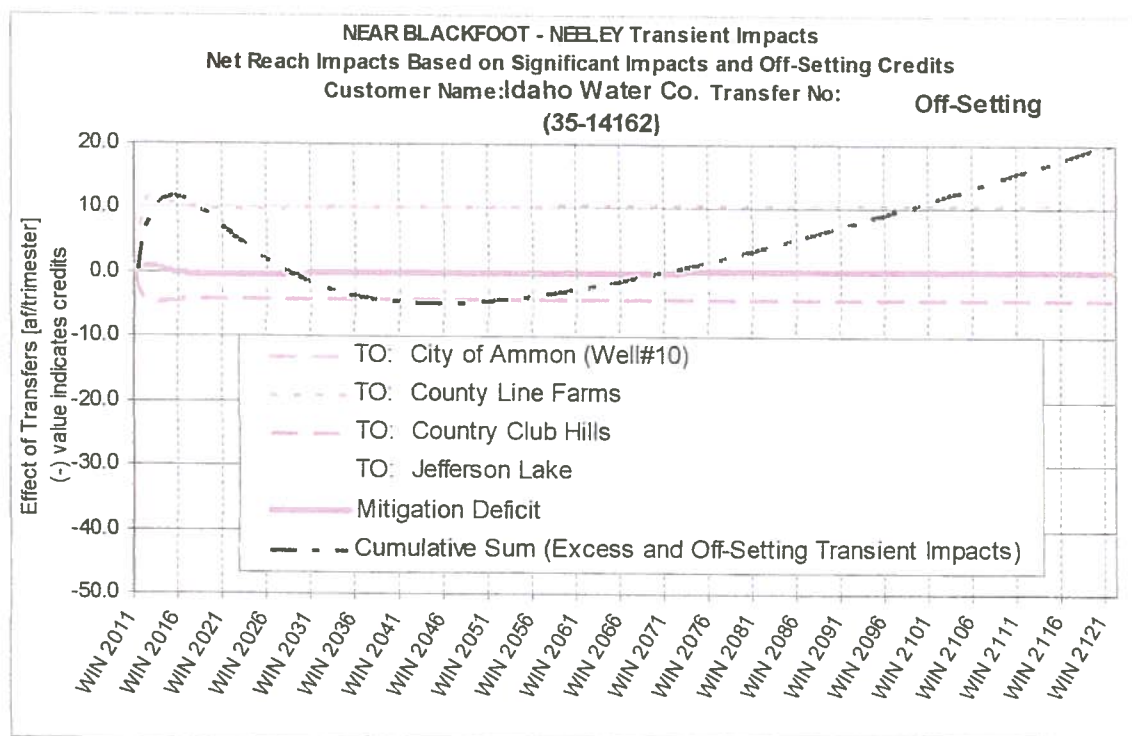


Chart 9: Near Blackfoot to Neeley Off-Setting Transient Impacts (Ammon Well #10)

8. Results & Conclusions

According to the ESPA Transfer Spreadsheet transient analysis, the spatial distribution of the water right portions associated with the transfers maintains ESPA reach impacts closely near historical levels for all significant reaches when the off-setting mitigation is considered. While the transfer to the City of Ammon system generates varying impacts depending upon which well within the system actually diverts the water, the worst-case conditions for off-setting mitigation (diversion from Well #10) and increased impacts (diversion from Well #9) appears to provide adequate mitigation and be adequately mitigated by the off-setting transfer to County Line Farms. Naturally, the reality of distributed diversion will result in even greater mitigation than shown.

The ESPA Transfer Spreadsheet input data summary describing the model analysis is attached as **Appendix C**. The input data utilized for both cases of the Ammon transfer (Well #9 & Well #10) and each of the other three transfers is attached as **Appendix D**. The stepwise results of the analysis tabulating required mitigation and off-setting impacts for each ESPA reach found to require mitigation is attached as **Appendix E**.

Idaho Water Company
(Off-Setting Transfers 35-14162: 7/19/1973)

Existing Water Right				
Water Right	Priority	Diversion Rate [cfs]	Diversion Volume [afa]	Acres
35-14162	7/19/1973	1.98	516.0	129.0

Transfer to City of Ammon				
Water Right	Priority	Diversion Rate [cfs]	Diversion Volume [afa]	Acres
35-14162	7/19/1973	0.23	60.0	15.0

Transfer To County Line Farms				
Water Right	Priority	Diversion Rate [cfs]	Diversion Volume [afa]	Acres
35-14162	7/19/1973	1.19	310.0	77.5

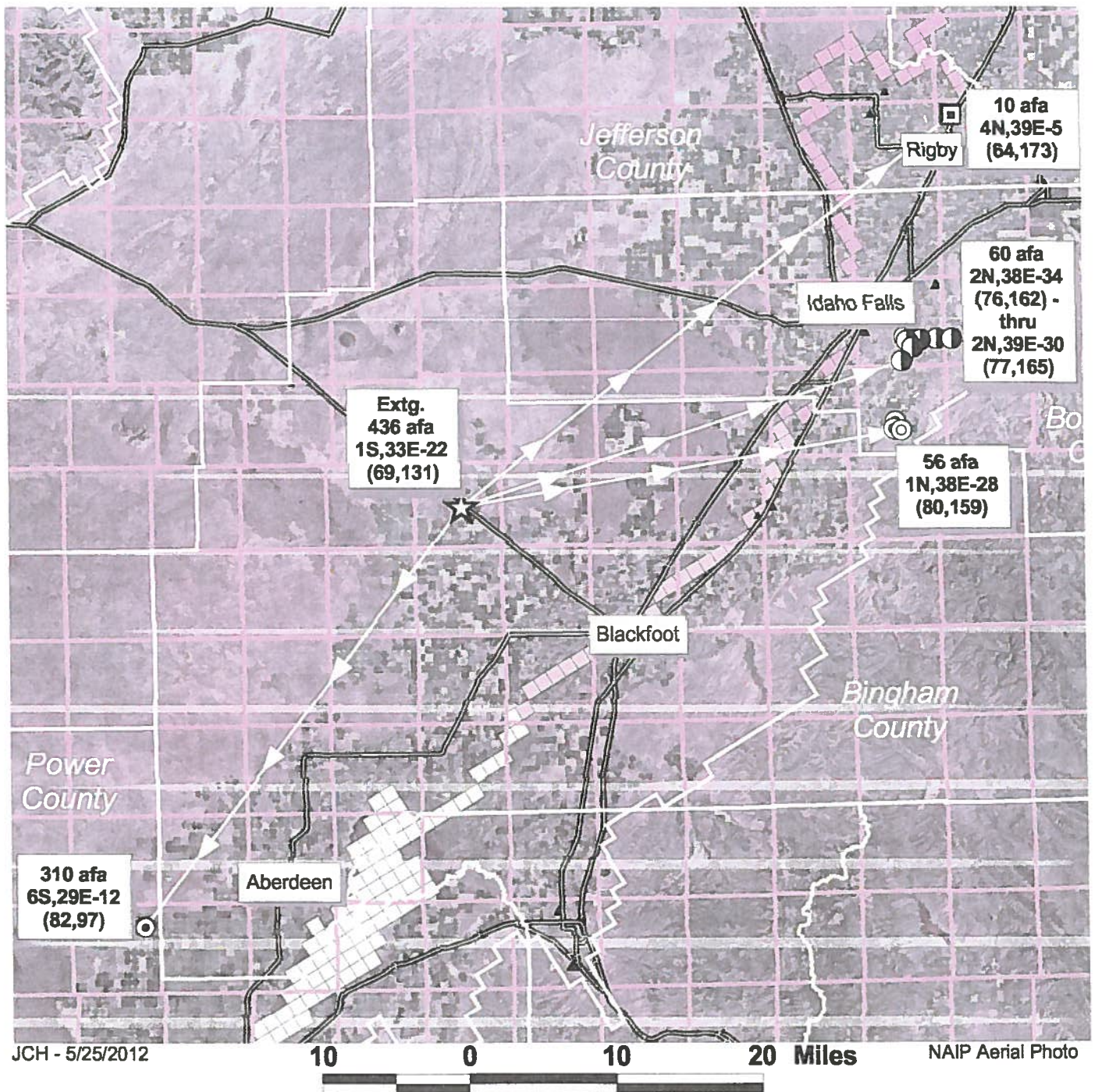
Transfer To Country Club Hills				
Water Right	Priority	Diversion Rate [cfs]	Diversion Volume [afa]	Acres
35-14162	7/19/1973	0.21	56.0	14.0

Transfer To Jefferson County Lake				
Water Right	Priority	Diversion Rate [cfs]	Diversion Volume [afa]	Acres
35-14162	7/19/1973	0.04	10.0	2.5

Unchanged Water Right				
Water Right	Priority	Diversion Rate [cfs]	Diversion Volume [afa]	Acres
35-14162	7/19/1973	0.31	80.0	20.0

APPENDIX A

Idaho Water Company (Offsetting Transfers 25-14162: 7/19/1973)



- | | |
|---------------------------|---|
| ESPA Model Boundary | ★ 35-14162 Existing POD |
| Significant ESPA Reaches | ● Transfer #1 (City of Ammon) Proposed POD |
| Heise to Shelley | ⊙ Transfer #2 (County Line Farm) Proposed POD |
| Shelley to Near Blackfoot | ▣ Transfer #3 (Jefferson Lake) Proposed POD |
| Near Blackfoot to Neeley | ⊖ Transfer #4 (Country Club Hills) Proposed POD |

APPENDIX B Diversion Locations Within The ESPA

78017

(Idaho Water Co. Off-Setting Transfers: 35-14162)
ESPA Ground Water Rights Transfer Spreadsheet Data Summary

TRANSFER NO:	Pending	PREPARED BY:	Jason C. Helms, P.E.
TRANSFER NAME:	Idaho Water Company : 35-14162	DATE:	5/25/2012
		Transfer Tool Version	Version 3.1

WATER RIGHTS INVOLVED:

HISTORIC BENEFICIAL USE:

Group 1 Transfer Rights		Group 2 Additional Mitigation		Group 3 Existing Falls Water		Trans/Mit.			
Right No.	Priority Date	Right No.	Priority Date	Right No.	Priority Date	(group no.)	Dry Up (ac)	Beneficial Use (af/yr)	Total (af/yr)
35-14162	7/19/1973					Model 1	15.0	60.0	60.0
						Model 2	77.5	310.0	310.0
						Model 3	14	56	56.0
						Model 4	2.5	10	10.0
						TOTAL:	109.0	436.0	436.0

MODEL 1 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	77	69	0	0
COLUMN	165	131	0	0

2N39E-30 1S33E-22

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well (Projected Use)	Spring	1973	Winter	2011	0.0	0.0	0.0	No use prior to transfer
	Spring	2012	Winter	2122	60.0	20.0	15.0	Full use begins Spr,2012
FROM1 Well (With Transfer)	Spring	1973	Winter	2011	60.0	20.0	15.0	35-14162 Historical Use
	Spring	2012	Winter	2122	0.0	0.0	0.0	Dried Up For Transfer spring, 2012
FROM1 Well (Without Transfer)	Spring	1973	Winter	2122	60.0	20.0	15.0	Historical and Projected Continuing use
FROM2 Well	Not Used							
FROM3 Well	Not Used							

MODEL 2 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	82	69	0	0
COLUMN	97	131	0	0

6S29E-12 1S33E-22

	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	1973	Winter	2011	0.0	0.0	0.0	No use prior to transfer
	Spring	2012	Winter	2122	310.0	103.3	77.5	Full use begins Spr,2012
FROM1 Well (With Transfer)	Summer	1973	Winter	2011	310.0	103.3	77.5	35-14162 Historical Use
	Spring	2012	Winter	2122	0.0	0.0	0.0	Dried Up For Transfer spring, 2012
FROM1 Well (Without Transfer)	Summer	1973	Winter	2122	310.0	103.3	77.5	Historical and Projected Continuing use
FROM2 Well	Not Used							
FROM3 Well	Not Used							

APPENDIX C:

(Idaho Water Co. Off-Setting Transfers: 35-14162)

MODEL 3 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	80	69	0	0
COLUMN	159	131	0	0

1N38E-28 1S33E-22

	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
TO Well	Summer	1973	Winter	2011	0.0	0.0	0.0	No use prior to transfer Full use begins Spr,2012
(Projected Use)	Spring	2012	Winter	2122	56.0	18.7	14.0	
FROM1 Well	Summer	1973	Winter	2011	56.0	18.7	14.0	35-14162 Historical Use Dried Up For Transfer spring, 2012
(With Transfer)	Spring	2012	Winter	2122	0.0	0.0	0.0	
FROM1 Well	Summer	1973	Winter	2122	56.0	18.7	14.0	Historical and Projected Continuing use
(Without Transfer)								
FROM2 Well	Not Used							
FROM3 Well	Not Used							

MODEL 4 CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	64	69	0	0
COLUMN	173	131	0	0

4N39E-5 1S33E-22

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	Summer	1973	Winter	2011	0.0	0.0	0.0	No use prior to transfer Full use begins Spr,2012
	Spring	2012	Winter	2122	10.0	3.3	2.5	
FROM1 Well	Summer	1952	Spring	2012	10.0	3.3	2.5	35-14162 Historical Use Dried Up For Transfer following spring, 2012
(With Transfer)	Summer	2012	Winter	2122	0.0	0.0	0.0	
FROM1 Well	Summer	1973	Winter	2122	10.0	3.3	2.5	Historical and Projected Continuing use
(Without Transfer)								
FROM2 Well	Not Used							
FROM3 Well	Not Used							

APPENDIX C:

ENHANCED GROUND-WATER RIGHTS TRANSFER									
UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE								IDAHO DEPARTMENT OF WATER	
Cells this color are set up for user entries									
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON				TRANSFER NO: 35-14162					
YEAR: 1973				TRANSFER NAME: City of Ammon					
SEASON: SPRING									
ENTER CELL LOCATIONS:									
ROW	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL	Water Right	Priority Date	Transfer Volume		
COLUMN	77	69			35-14162	7/19/1973	60.0		
	185	131				Total	60.0		
	2N39E-30	1S33E-22							
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 1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1973	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 1973	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 1974	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2010	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2011	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2011	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2011	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2012	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2012	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2012	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2013	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2013	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2013	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2014	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2014	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2014	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2015	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2015	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2015	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2016	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2016	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2016	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2017	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2017	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2017	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2018	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2018	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2018	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2019	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2019	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2019	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2020	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2020	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2020	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2021	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2021	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2021	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2022	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2022	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2022	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2121	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2121	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2121	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SPR 2122	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
SUM 2122	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
WIN 2122	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	

(Idaho Water Co. Offsetting Transfers: 35-14162)

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE										IDAHO DEPA	
Cells this color are set up for user entries											
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON											
TRANSFER NO: City of Ammon											
YEAR 1973											
SEASON SPRING											
TRANSFER NAME: 35-14162											
ENTER CELL LOCATIONS:											
		'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL	Water Right	Priority Date	Transfer Volume			
ROW		78	69			35-14162	7/19/1973	60.0			
COLUMN		162	131				Total	60.0			
		2N38E-34	1S33E-22								
TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL					
	Projected Use	With Transfer	Without Transfer	With Transfer	Without Transfer	With Transfer	Without Transfer				
	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER				
SPR 1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
SUM 1973	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 1973	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 1974	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2010	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2011	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2011	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2011	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2012	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2012	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2012	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2013	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2013	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2013	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2014	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2014	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2014	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2015	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2015	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2015	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2016	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2016	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2016	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2017	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2017	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2017	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2018	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2018	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2018	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2019	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2019	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2019	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2020	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2020	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2020	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2021	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2021	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2021	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2022	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2022	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2022	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2121	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2121	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2121	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SPR 2122	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
SUM 2122	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
WIN 2122	20.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE										IDAHO DEPA	
Cells this color are set up for user entries											
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON				TRANSFER NO:							
YEAR				1973		County Line Farm					
SEASON				SPRING		TRANSFER NAME:					
				35-14162							
ENTER CELL LOCATIONS:											
		'TO' CELL		'FROM1' CELL		'FROM2' CELL		'FROM3' CELL		Water Right	
ROW		82		89						35-14162	
COLUMN		97		121						Total	
		6S29E-12		1S33E-22						310.0	
TRIMESTER OF ACTIVITY		TO WELL		FROM1 WELL		FROM2 WELL		FROM3 WELL			
		Projected Use		With Transfer		Without Transfer		With Transfer		Without Transfer	
		AF/TRIMESTER		AF/TRIMESTER		AF/TRIMESTER		AF/TRIMESTER		AF/TRIMESTER	
SPR 1973		0.0		0.0		0.0		0.0		0.0	
SUM 1973		0.0		103.3		103.3		0.0		0.0	
WIN 1973		0.0		103.3		103.3		0.0		0.0	
SPR 1974		0.0		103.3		103.3		0.0		0.0	
SPR 2011		0.0		103.3		103.3		0.0		0.0	
SUM 2011		0.0		103.3		103.3		0.0		0.0	
WIN 2011		0.0		103.3		103.3		0.0		0.0	
SPR 2012		103.3		0.0		103.3		0.0		0.0	
SUM 2012		103.3		0.0		103.3		0.0		0.0	
WIN 2012		103.3		0.0		103.3		0.0		0.0	
SPR 2013		103.3		0.0		103.3		0.0		0.0	
SUM 2013		103.3		0.0		103.3		0.0		0.0	
WIN 2013		103.3		0.0		103.3		0.0		0.0	
SPR 2014		103.3		0.0		103.3		0.0		0.0	
SUM 2014		103.3		0.0		103.3		0.0		0.0	
WIN 2014		103.3		0.0		103.3		0.0		0.0	
SPR 2015		103.3		0.0		103.3		0.0		0.0	
SUM 2015		103.3		0.0		103.3		0.0		0.0	
WIN 2015		103.3		0.0		103.3		0.0		0.0	
SPR 2016		103.3		0.0		103.3		0.0		0.0	
SUM 2016		103.3		0.0		103.3		0.0		0.0	
WIN 2016		103.3		0.0		103.3		0.0		0.0	
SPR 2017		103.3		0.0		103.3		0.0		0.0	
SUM 2017		103.3		0.0		103.3		0.0		0.0	
WIN 2017		103.3		0.0		103.3		0.0		0.0	
SPR 2018		103.3		0.0		103.3		0.0		0.0	
SUM 2018		103.3		0.0		103.3		0.0		0.0	
WIN 2018		103.3		0.0		103.3		0.0		0.0	
SPR 2019		103.3		0.0		103.3		0.0		0.0	
SUM 2019		103.3		0.0		103.3		0.0		0.0	
WIN 2019		103.3		0.0		103.3		0.0		0.0	
SPR 2020		103.3		0.0		103.3		0.0		0.0	
SUM 2020		103.3		0.0		103.3		0.0		0.0	
WIN 2020		103.3		0.0		103.3		0.0		0.0	
SPR 2021		103.3		0.0		103.3		0.0		0.0	
SUM 2021		103.3		0.0		103.3		0.0		0.0	
WIN 2021		103.3		0.0		103.3		0.0		0.0	
SPR 2022		103.3		0.0		103.3		0.0		0.0	
SUM 2022		103.3		0.0		103.3		0.0		0.0	
WIN 2022		103.3		0.0		103.3		0.0		0.0	
SPR 2121		103.3		0.0		103.3		0.0		0.0	
SUM 2121		103.3		0.0		103.3		0.0		0.0	
WIN 2121		103.3		0.0		103.3		0.0		0.0	
SPR 2122		103.3		0.0		103.3		0.0		0.0	
SUM 2122		103.3		0.0		103.3		0.0		0.0	
WIN 2122		103.3		0.0		103.3		0.0		0.0	

APPENDIX D.3

Cells this color are set up for user entries ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON TRANSFER NO: Jefferson Lake TRANSFER NAME: 35-14162 YEAR 1973 SEASON SPRING									
ENTER CELL LOCATIONS:									
ROW	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL					
COLUMN	64	69			35-14162	7/19/1973	10.0		
	173	131				Total	10.0		
TRIMESTER OF ACTIVITY	4N39E-5	1S33E-22							
	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL			
	Projected Use	With Transfer	Without Transfer	With Transfer	Without Transfer	With Transfer	Without Transfer		
	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER	AF/TRIMESTER		
SPR 1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 1973	0.0	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 1973	0.0	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 1974	0.0	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2010	0.0	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2011	0.0	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2011	0.0	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2011	0.0	3.3	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2012	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2012	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2012	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2013	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2013	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2013	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2014	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2014	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2014	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2015	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2015	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2015	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2016	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2016	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2016	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2017	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2017	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2017	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2018	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2018	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2018	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2019	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2019	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2019	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2020	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2020	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2020	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2021	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2021	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2021	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2022	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2022	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2022	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2121	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2121	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2121	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SPR 2122	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
SUM 2122	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0
WIN 2122	3.3	0.0	3.3	3.3	0.0	0.0	0.0	0.0	0.0

APPENDIX D.4

ENHANCED GROUND-WATER RIGHTS TRANSFER									
UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE								IDAHO DEPARTMENT OF WATER RESOURCES	
Cells this color are set up for user entries									
ENTER STARTING DATE FOR SIMULATION. THEN PUSH "UPDATE DATES" BUTTON				TRANSFER NO: Country Club Hills					
YEAR 1973				TRANSFER NAME:					
SEASON SPRING				35-14162					
ENTER CELL LOCATIONS:									
ROW	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL	Water Right	Priority Date	Transfer Volume		
COLUMN	80	89			35-14162	7/19/1973	56.0		
	159	131				Total	56.0		
	1N38E-28	1S33E-22							
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 1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
SUM 1973	0.0	18.7	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 1973	0.0	18.7	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 1974	0.0	18.7	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2010	0.0	18.7	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2011	0.0	18.7	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2011	0.0	18.7	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2011	0.0	18.7	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2012	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2012	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2012	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2013	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2013	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2013	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2014	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2014	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2014	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2015	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2015	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2015	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2016	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2016	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2016	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2017	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2017	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2017	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2018	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2018	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2018	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2019	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2019	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2019	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2020	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2020	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2020	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2021	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2021	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2021	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2022	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2022	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2022	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2121	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2121	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2121	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SPR 2122	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
SUM 2122	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	
WIN 2122	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	

APPENDIX D.5

(Idaho Water Co. Off-Setting Transfers 35-14162)

TOTAL EFFECTS WITH TRANSFER [ACRE_FT/TRIMESTER]			
	TO: City of Ammon (Well#9)	TO: County Line Farms	SUM
	Heise to Shelley	Heise to Shelley	Mitigation Deficit
SPR 1973	0.00	0.00	0.00
SUM 1973	0.00	0.00	0.00
WIN 1973	0.00	0.00	0.00
SPR 1974	0.00	0.00	0.00
WIN 2011	0.00	0.00	0.00
SPR 2012	0.28	-0.07	0.21
SUM 2012	0.69	-0.22	0.47
WIN 2012	1.06	-0.40	0.66
SPR 2013	1.35	-0.59	0.76
SUM 2013	1.55	-0.76	0.79
WIN 2013	1.69	-0.91	0.78
SPR 2014	1.79	-1.05	0.75
SUM 2014	1.86	-1.16	0.70
WIN 2014	1.92	-1.26	0.66
SPR 2015	1.96	-1.35	0.61
SUM 2015	1.99	-1.42	0.57
WIN 2015	2.01	-1.49	0.52
SPR 2016	2.03	-1.54	0.48
SUM 2016	2.04	-1.60	0.45
WIN 2016	2.06	-1.64	0.41
SPR 2017	2.07	-1.68	0.38
SUM 2017	2.08	-1.72	0.36
WIN 2017	2.09	-1.76	0.33
SPR 2018	2.10	-1.79	0.30
SUM 2018	2.10	-1.82	0.28
WIN 2018	2.11	-1.85	0.26
SPR 2019	2.11	-1.87	0.24
SUM 2019	2.12	-1.90	0.22
WIN 2019	2.12	-1.92	0.21
SPR 2020	2.13	-1.94	0.19
SUM 2020	2.13	-1.96	0.17
WIN 2020	2.14	-1.98	0.16
SPR 2021	2.14	-2.00	0.14
SUM 2021	2.14	-2.01	0.13
WIN 2021	2.15	-2.03	0.12
SPR 2022	2.15	-2.04	0.11
SUM 2022	2.15	-2.06	0.10
WIN 2022	2.16	-2.07	0.08
SPR 2023	2.16	-2.09	0.07
SUM 2023	2.16	-2.10	0.06
WIN 2023	2.16	-2.11	0.06
SPR 2024	2.17	-2.12	0.05
SUM 2024	2.17	-2.13	0.04
WIN 2024	2.17	-2.14	0.03
SPR 2025	2.17	-2.15	0.02
SUM 2025	2.17	-2.16	0.01
WIN 2025	2.18	-2.17	0.01
SPR 2026	2.18	-2.18	0.00
SUM 2026	2.18	-2.19	-0.01
WIN 2026	2.18	-2.19	-0.01
SPR 2027	2.18	-2.20	-0.02
SPR 2121	2.21	-2.36	-0.14
SUM 2121	2.21	-2.36	-0.14
WIN 2121	2.21	-2.36	-0.14
SPR 2122	2.21	-2.36	-0.14
SUM 2122	2.21	-2.36	-0.14
WIN 2122	2.21	-2.36	-0.14

APPENDIX E.1

Off-Setting Impacts: Heise to Shelley

78017

(Idaho Water Co. Off-Setting Transfers 35-14162)

TOTAL EFFECTS WITH TRANSFER [ACRE FT/TRIMESTER]			
	TO: City of Ammon (Well #10)	TO: County Line Farms	SUM
	Heise to Shelley	Heise to Shelley	Mitigation Deficit
SPR 1973	0.00	0.00	0.00
SUM 1973	0.00	0.00	0.00
WIN 1973	0.00	0.00	0.00
SPR 1974	0.00	0.00	0.00
WIN 2011	0.00	0.00	0.00
SPR 2012	0.22	-0.07	0.14
SUM 2012	0.53	-0.22	0.31
WIN 2012	0.82	-0.40	0.42
SPR 2013	1.04	-0.59	0.46
SUM 2013	1.21	-0.76	0.45
WIN 2013	1.32	-0.91	0.41
SPR 2014	1.40	-1.05	0.36
SUM 2014	1.46	-1.16	0.30
WIN 2014	1.51	-1.26	0.25
SPR 2015	1.54	-1.35	0.20
SUM 2015	1.57	-1.42	0.15
WIN 2015	1.59	-1.49	0.11
SPR 2016	1.61	-1.54	0.06
SUM 2016	1.62	-1.60	0.03
WIN 2016	1.64	-1.64	-0.01
SPR 2017	1.65	-1.68	-0.04
SUM 2017	1.66	-1.72	-0.07
WIN 2017	1.67	-1.76	-0.09
SPR 2018	1.67	-1.79	-0.12
SUM 2018	1.68	-1.82	-0.14
WIN 2018	1.69	-1.85	-0.16
SPR 2019	1.69	-1.87	-0.18
SUM 2019	1.70	-1.90	-0.20
WIN 2019	1.70	-1.92	-0.22
SPR 2020	1.71	-1.94	-0.23
SUM 2020	1.71	-1.96	-0.25
WIN 2020	1.72	-1.98	-0.26
SPR 2021	1.72	-2.00	-0.28
SUM 2021	1.72	-2.01	-0.29
WIN 2021	1.73	-2.03	-0.30
SPR 2022	1.73	-2.04	-0.32
SUM 2022	1.73	-2.06	-0.33
WIN 2022	1.74	-2.07	-0.34
SPR 2023	1.74	-2.09	-0.35
SUM 2023	1.74	-2.10	-0.36
WIN 2023	1.74	-2.11	-0.37
SPR 2024	1.75	-2.12	-0.38
SUM 2024	1.75	-2.13	-0.38
WIN 2024	1.75	-2.14	-0.39
SPR 2025	1.75	-2.15	-0.40
SUM 2025	1.75	-2.16	-0.41
WIN 2025	1.76	-2.17	-0.41
SPR 2026	1.76	-2.18	-0.42
SUM 2026	1.76	-2.19	-0.43
WIN 2026	1.76	-2.19	-0.43
SPR 2027	1.76	-2.20	-0.44
SPR 2121	1.80	-2.36	-0.56
SUM 2121	1.80	-2.36	-0.56
WIN 2121	1.80	-2.36	-0.56
SPR 2122	1.80	-2.36	-0.56
SUM 2122	1.80	-2.36	-0.56
WIN 2122	1.80	-2.36	-0.56

APPENDIX E.2

(Idaho Water Co. Off-Setting Transfers 35-14162)

CHANGE IN IMPACTS WITH TRANSFERS [ACRE FT/TRIMESTER]				
	TO: County Line Farms	TO: Country Club Hills	TO: Jefferson Lake	Mitigation Deficit
	Shelley to Nr Blckft	Shelley to Nr Blckft	Shelley to Nr Blckft	
SPR 1973	0.00	0.00	0.00	
SUM 1973	0.00	0.00	0.00	
WIN 1973	0.00	0.00	0.00	
SPR 1974	0.00	0.00	0.00	
WIN 2010	0.00	0.00	0.00	
SPR 2011	0.00	0.00	0.00	
SUM 2011	0.00	0.00	0.00	
WIN 2011	0.00	0.00	0.00	
SPR 2012	-5.22	0.74	-0.22	0.00
SUM 2012	-7.69	1.31	-0.35	0.00
WIN 2012	-8.96	1.65	-0.43	0.00
SPR 2013	-9.77	1.88	-0.49	0.00
SUM 2013	-10.37	2.03	-0.53	-8.87
WIN 2013	-10.84	2.14	-0.57	-9.27
SPR 2014	-11.24	2.22	-0.59	-9.61
SUM 2014	-11.57	2.28	-0.62	-9.90
WIN 2014	-11.84	2.33	-0.64	-10.15
SPR 2015	-12.08	2.37	-0.65	-10.36
SUM 2015	-12.29	2.41	-0.67	-10.55
WIN 2015	-12.47	2.43	-0.68	-10.71
SPR 2016	-12.62	2.46	-0.69	-10.85
SUM 2016	-12.75	2.48	-0.70	-10.98
WIN 2016	-12.87	2.49	-0.71	-11.08
SPR 2017	-12.97	2.51	-0.72	-11.18
SUM 2017	-13.06	2.52	-0.73	-11.26
WIN 2017	-13.14	2.53	-0.73	-11.33
SPR 2018	-13.20	2.54	-0.74	-11.40
SUM 2018	-13.26	2.55	-0.74	-11.46
WIN 2018	-13.32	2.56	-0.75	-11.51
SPR 2019	-13.37	2.57	-0.75	-11.55
SUM 2019	-13.41	2.57	-0.76	-11.59
WIN 2019	-13.45	2.58	-0.76	-11.63
SPR 2020	-13.48	2.58	-0.76	-11.66
SUM 2020	-13.51	2.59	-0.76	-11.69
WIN 2020	-13.54	2.59	-0.77	-11.71
SPR 2021	-13.56	2.60	-0.77	-11.74
SUM 2021	-13.59	2.60	-0.77	-11.76
WIN 2021	-13.61	2.60	-0.77	-11.78
SPR 2022	-13.63	2.61	-0.78	-11.80
SUM 2022	-13.64	2.61	-0.78	-11.81
WIN 2022	-13.66	2.61	-0.78	-11.83
SPR 2121	-13.76	2.65	-0.81	-11.93
SUM 2121	-13.76	2.65	-0.81	-11.93
WIN 2121	-13.76	2.65	-0.81	-11.93
SPR 2122	-13.76	2.65	-0.81	-11.93
SUM 2122	-13.76	2.65	-0.81	-11.93
WIN 2122	-13.76	2.65	-0.81	-11.93

APPENDIX E.3

(Idaho Water Co. Off-Setting Transfers 35-14162)

CHANGE IN IMPACTS WITH TRANSFERS [ACRE_FT/TRIMESTER]					
	TO: City of Ammon (Well#9)	TO: County Line Farms	TO: County Club Hills	TO: Jefferson Lake	Mitigation Deficit
	Nr Bkft To Neeley	Nr Bkft To Neeley	Nr Bkft To Neeley	Nr Bkft To Neeley	
SPR 1973	0.00	0.00	0.00	0.00	
SUM 1973	0.00	0.00	0.00	0.00	
WIN 1973	0.00	0.00	0.00	0.00	
SPR 1974	0.00	0.00	0.00	0.00	
WIN 2010	0.00	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00	0.00
SUM 2011	0.00	0.00	0.00	0.00	0.00
WIN 2011	0.00	0.00	0.00	0.00	0.00
SPR 2012	-2.52	5.39	-2.32	-0.47	0.07
SUM 2012	-3.95	8.87	-3.63	-0.79	0.50
WIN 2012	-4.62	10.57	-4.24	-1.00	0.72
SPR 2013	-4.90	11.35	-4.50	-1.14	0.80
SUM 2013	-5.01	11.64	-4.61	-1.24	0.77
WIN 2013	-5.04	11.68	-4.63	-1.32	0.69
SPR 2014	-5.02	11.59	-4.62	-1.38	0.57
SUM 2014	-4.99	11.45	-4.60	-1.43	0.44
WIN 2014	-4.94	11.28	-4.57	-1.47	0.31
SPR 2015	-4.90	11.11	-4.53	-1.50	0.18
SUM 2015	-4.86	10.96	-4.50	-1.53	0.06
WIN 2015	-4.83	10.81	-4.47	-1.56	-0.04
SPR 2016	-4.79	10.68	-4.44	-1.58	-0.14
SUM 2016	-4.76	10.56	-4.42	-1.60	-0.22
WIN 2016	-4.74	10.46	-4.40	-1.61	-0.29
SPR 2017	-4.71	10.37	-4.38	-1.63	-0.35
SUM 2017	-4.69	10.29	-4.36	-1.64	-0.40
WIN 2017	-4.67	10.22	-4.34	-1.66	-0.45
SPR 2018	-4.65	10.17	-4.33	-1.67	-0.48
SUM 2018	-4.64	10.12	-4.32	-1.68	-0.51
WIN 2018	-4.62	10.08	-4.31	-1.69	-0.54
SPR 2019	-4.61	10.04	-4.30	-1.70	-0.56
SUM 2019	-4.60	10.01	-4.29	-1.70	-0.58
WIN 2019	-4.59	9.99	-4.28	-1.71	-0.59
SPR 2020	-4.58	9.97	-4.27	-1.72	-0.60
SUM 2020	-4.57	9.95	-4.26	-1.72	-0.61
WIN 2020	-4.56	9.94	-4.26	-1.73	-0.61
SPR 2021	-4.56	9.93	-4.25	-1.73	-0.62
SUM 2021	-4.55	9.92	-4.25	-1.74	-0.62
WIN 2021	-4.54	9.91	-4.24	-1.74	-0.62
SPR 2022	-4.54	9.91	-4.24	-1.75	-0.62
SUM 2022	-4.53	9.90	-4.24	-1.75	-0.62
WIN 2022	-4.53	9.90	-4.23	-1.75	-0.61
SPR 2121	-4.46	10.37	-4.19	-1.83	-0.12
SUM 2121	-4.46	10.37	-4.19	-1.83	-0.12
WIN 2121	-4.46	10.37	-4.19	-1.83	-0.12
SPR 2122	-4.46	10.37	-4.19	-1.83	-0.12
SUM 2122	-4.46	10.37	-4.19	-1.83	-0.12
WIN 2122	-4.46	10.37	-4.19	-1.83	-0.12

APPENDIX E.4

(Idaho Water Co. Off-Setting Transfers 35-14162)

CHANGE IN IMPACTS WITH TRANSFERS [ACRE_FT/TRIMESTER]					
	TO: City of Ammon (Well #10)	TO: County Line Farms	TO: County Club Hills	TO: Jefferson Lake	Mitigation Deficit
	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	Nr Bckft To Neeley	
SPR 1973	0.00	0.00	0.00	0.00	
SUM 1973	0.00	0.00	0.00	0.00	
WIN 1973	0.00	0.00	0.00	0.00	
SPR 1974	0.00	0.00	0.00	0.00	
WIN 2010	0.00	0.00	0.00	0.00	0.00
SPR 2011	0.00	0.00	0.00	0.00	0.00
SUM 2011	0.00	0.00	0.00	0.00	0.00
WIN 2011	0.00	0.00	0.00	0.00	0.00
SPR 2012	-2.47	5.39	-2.32	-0.47	0.13
SUM 2012	-3.84	8.87	-3.63	-0.79	0.61
WIN 2012	-4.47	10.57	-4.24	-1.00	0.86
SPR 2013	-4.74	11.35	-4.50	-1.14	0.96
SUM 2013	-4.84	11.64	-4.61	-1.24	0.95
WIN 2013	-4.85	11.68	-4.63	-1.32	0.88
SPR 2014	-4.83	11.59	-4.62	-1.38	0.77
SUM 2014	-4.79	11.45	-4.60	-1.43	0.64
WIN 2014	-4.74	11.28	-4.57	-1.47	0.51
SPR 2015	-4.70	11.11	-4.53	-1.50	0.39
SUM 2015	-4.65	10.96	-4.50	-1.53	0.27
WIN 2015	-4.61	10.81	-4.47	-1.56	0.17
SPR 2016	-4.58	10.68	-4.44	-1.58	0.08
SUM 2016	-4.54	10.56	-4.42	-1.60	0.00
WIN 2016	-4.51	10.46	-4.40	-1.61	-0.07
SPR 2017	-4.49	10.37	-4.38	-1.63	-0.12
SUM 2017	-4.46	10.29	-4.36	-1.64	-0.17
WIN 2017	-4.44	10.22	-4.34	-1.66	-0.21
SPR 2018	-4.42	10.17	-4.33	-1.67	-0.25
SUM 2018	-4.40	10.12	-4.32	-1.68	-0.28
WIN 2018	-4.39	10.08	-4.31	-1.69	-0.30
SPR 2019	-4.37	10.04	-4.30	-1.70	-0.32
SUM 2019	-4.36	10.01	-4.29	-1.70	-0.34
WIN 2019	-4.35	9.99	-4.28	-1.71	-0.35
SPR 2020	-4.34	9.97	-4.27	-1.72	-0.36
SUM 2020	-4.33	9.95	-4.26	-1.72	-0.37
WIN 2020	-4.32	9.94	-4.26	-1.73	-0.37
SPR 2021	-4.31	9.93	-4.25	-1.73	-0.37
SUM 2021	-4.30	9.92	-4.25	-1.74	-0.37
WIN 2021	-4.30	9.91	-4.24	-1.74	-0.37
SPR 2022	-4.29	9.91	-4.24	-1.75	-0.37
SUM 2022	-4.29	9.90	-4.24	-1.75	-0.37
WIN 2022	-4.28	9.90	-4.23	-1.75	-0.37
SPR 2121	-4.20	10.37	-4.19	-1.83	0.15
SUM 2121	-4.20	10.37	-4.19	-1.83	0.15
WIN 2121	-4.20	10.37	-4.19	-1.83	0.15
SPR 2122	-4.20	10.37	-4.19	-1.83	0.15
SUM 2122	-4.20	10.37	-4.19	-1.83	0.15
WIN 2122	-4.20	10.37	-4.19	-1.83	0.15

APPENDIX E.5

Transfer No. _____

Idaho Water Co.
35-14162 (County Line Farm)
77.5 ac. to 6S.29E-12

APPLICATION FOR TRANSFER OF WATER RIGHT MINIMUM REQUIREMENTS CHECKLIST

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 of Water Right form, 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: This is transfer #2 of 4, combined only to provide off-setting ESPA mitigation.

78017

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 1

Name of Applicant(s) Idaho Water Co. Phone (208) 312-1135

Mailing address 1135 Valley Rd. South. Hazelton, ID 83325 Email delkohtzidwc@mindspring.com

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

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

☐ No Representative

Name of Representative Jason C. Helms, P.E. Phone (208) 308-2109

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

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

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

Idaho Water Co. LLC
Signature of Applicant or Authorized Representative

Delbert Kohtz
Signature of Applicant or Authorized Representative

Idaho Water Co. LLC
Print Name and Title if applicable

Delbert Kohtz
Print Name and Title if applicable

A. PURPOSE OF TRANSFER

- ☒ Change point of diversion ☐ Add diversion point(s) ☒ Change place of use

☐ Change nature of use ☐ Change period of use ☒ Other Provide off-setting ESPA mitigation.
- 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**. Change the place of use for a portion of existing water right 35-14162 to authorize irrigation within the area shown on attachment #7a. Irrigated area will be permanently set-aside at the original place of use to offset new use.

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. <u>Right Number</u>	<u>Amount</u> (cfs/ac-ft)	<u>Nature of Use</u>	<u>Period of Use</u>	<u>Source & Tributary</u>
35-14162 (split)	1.19 / 310.0	IRRIGATION	4/1 to 10/31	GROUND WATER
Total	1.19	cfs and/or 310.0	ac-ft	

2. Total amount of water being transferred or changed 1.19 cubic feet per second and/or 310.0 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**.

[illegible]

4. Place of use: (If irrigation, identify with number of acres irrigated per $\frac{1}{4}$ $\frac{1}{4}$ tract.)
☐ No changes to place of use are proposed-the following chart is therefore not completed. (Proceed to #5.)

[illegible]

Total Acres (for irrigation use) 320 (PPU)

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT PART 2

A. DESCRIPTION OF RIGHT(S) AS RECORDED

For each water right listed in Part 1B.1. of the application, attach a Proof Report (obtained from Department) or Details Report (obtained from website @ <http://www.idwr.idaho.gov/apps/ExtSearch/SearchWRAJ.asp>). Label it **Part 2A**.

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

- ☒ Complete and attach one copy of **Part 2B** for each right for which only a portion is proposed to be changed. If the entire right is proposed to be changed, Part 2B is not applicable.

Right Number: 35-14162

- [illegible]

2. Lands irrigated or place of use: (If irrigation, identify with number of acres irrigated per $\frac{1}{4}$ $\frac{1}{4}$ tract.)

[illegible]

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

Current Water Right No.: 35-14162

Current Owner: IDAHO WATER CO LLC

Priority Date: 7/19/1973

Origin: Water Right

Status: Water Supply Bank Active

Basis: Decreed

Source

Tributary

GROUND WATER

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	1.98 CFS	516 AF
	<u>Total Diversion</u>	1.98 CFS	516 AF

Location of Point(s) of Diversion

GROUND WATER SE1/4NW1/4 Sec. 22, Twp 01S, Rge 33E B.M.
BINGHAM County

Place of Use

IRRIGATION Within BINGHAM County

T01S R33E S22	SWNW	29.00	T01S R33E S22	SENW	28.00
T01S R33E S22	NESW	38.00	T01S R33E S22	NWSW	34.00
Total Acres: 129					

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: 6/7/2002

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

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

- ☒ Attach a map of the diversion, measurement, control, and distribution system. Label it **Attachment #7a**.
- ☒ If the transfer application proposes to change the place or purpose of use of an irrigation right attach a Geographic Information System (GIS) shape file, or an aerial photo or other image clearly delineating the location and extent of existing acres and changes to the place of use. Label it **Attachment #7b**. If the place of use currently consists of a permissible place of use, then the attachment is not required if the application contains a clear statement that the boundaries for the place of use are not proposed to be changed by the transfer and the total number of irrigated acres within the place of use before and after the transfer is clearly stated.

B. CHANGES IN NATURE OF USE (Water Balance)

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

C. PLACE OF USE CHANGES TO SUPPLEMENTAL IRRIGATION RIGHTS

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

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

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages and _____ attachments.

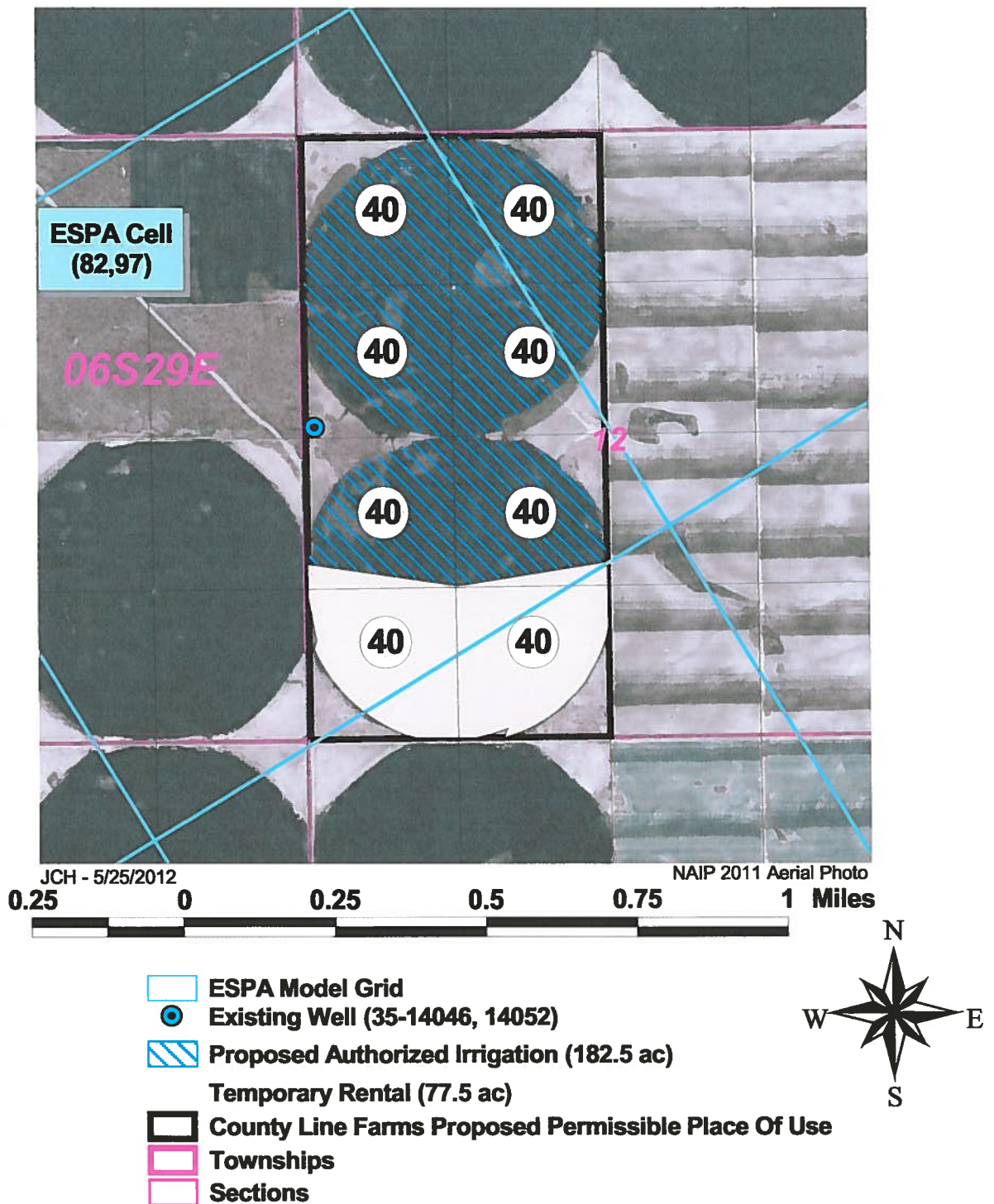
Received by _____ Date _____ Prelim. Check by _____ Date _____

Fee Paid _____ Date _____ Received by _____ Receipt # _____

Add'l Fee Paid _____ Date _____ Received by _____ Receipt # _____

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APPLICATION FOR TRANSFER OF WATER RIGHT (Proposed Place of Use)



ATTACHMENT #7A

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SPECIAL AGREEMENT ALLOWING WATER RIGHT TRANSFER

County Line Farms doing business in Idaho
whose address is _____ (Grantor) does hereby grant,
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) authority to transfer the
portion of water rights (owned by the Grantee) as described in **exhibit 1** to the property
of the Grantor as shown in attached **Exhibit 2** for use by the Grantor at such time as the
transfer is formally approved by IDWR.

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 County Line Farms Bu-ma

Dated Feb 22, 2011 By _____

Exhibits: Attached

Exhibit 1: Split of Water Right Number(s) _____, 35-14162

Exhibit 2: Proposed Place of use and Point of Diversion

See attached TRANSFER APPLICATION

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right Report

6/19/2012

WATER RIGHT NO. 35-14046

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	IDAHO WATER CO LLC 1135 VALLEY RD S EDEN, ID 83325 (208) 312-1135
Directors Report Owner	FARM CREDIT BANK OF SPOKANE 2225 W BROADWAY STE A IDAHO FALLS, ID 83402 (208)552-2300
Directors Report Owner	AG AMERICA FARM CREDIT BANK C/O FARM CREDIT SERVICES PO BOX 51598 IDAHO FALLS, ID 83405 (208)523-1066
Security Interest	RIDGEWAY HOLDINGS LLC C/O CAROL OLSEN 155 W STONERUN LN IDAHO FALLS, ID 83404

Priority Date: 10/31/1986

Basis: Decreed

Status: Active

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/01	10/31	0.41 CFS	110.9 AFA
Total Diversion			0.41 CFS	

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Location of Point(s) of Diversion:

GROUND WATER	SWNW	Sec. 12	Township 06S	Range 29E	POWER County
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IRRIGATION Use:

Acre Limit: 27.7

Place(s) of use:

Place of Use Legal Description: IRRIGATION JEFFERSON County

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
06S	29E	12		NENW	40		NWNW	40		SWNW	40		SEnw	40
				NESW	40		NWSW	40		SWSW	40		SESW	40

Total Acres: 320

Conditions of Approval:

1.	K09	This right is for an enlargement of 27.7 acres within the place of use described for this right.
2.	X35	Rights 35-14046 and 35-14052 when combined shall not exceed a total diversion rate of 1.55 cfs, a total annual maximum diversion volume of 420.0 af at the field headgate, and the irrigation of 105.0 acres.
3.	206	Rights 35-14046 and 35-14052 are limited to the irrigation of a specific 105.0 acres within the 320.0 acre place of use authorized by these rights in a single irrigation season. The specific 105.0 acres to be irrigated by the right holder shall be identified prior to use by submittal of a land list and a representative electronic shape file or by submittal of a land list and a map sufficiently detailed to allow creation of an electronic shape file to be associated with this right in the geographic information system component of the water rights database maintained by the department. Before changing the 105.0 acres to be irrigated within the 320.0 acre place of use, the right holder shall submit a new land list and representative electronic shape file or map to the Department prior to the irrigation season in which the change will occur.
4.	R05	Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.
5.	R02	A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
6.	214	Prior to the diversion and use of water under Transfer approval 76805, the right holder shall install and maintain acceptable measuring device(s) at the authorized point(s) of diversion in accordance with Department specifications, or shall obtain an approved variance from the Department to determine the amount of water diverted from power records or to maintain an existing measuring device.

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7.	213	Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
8.	R64	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the lands above.
9.	K02	This right is based upon an enlargement of Right No. 35-14052 pursuant to Section 42-1426, Idaho Code.
10.	C11	This water right is subordinate to all water rights with a priority date earlier than April 12, 1994, that are not decreed as enlargements pursuant to Section 42-1426, Idaho Code. As between water rights decreed as enlargements pursuant to Section 42-1426, Idaho Code, the earlier priority right is the superior right.
11.	046	Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
12.	004	This right does not grant any right-of-way or easement across the land of another.
13.	T07	The right holder shall accomplish the change authorized by this transfer within one year(s) of the date of this approval.
14.	T08	Failure of the right holder to comply with the conditions of this transfer is cause for the Director to rescind approval of the transfer.
15.	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.
16.	201	The combination of changes under: Transfer approval 76778 as described under rights 25-14326 and 25-14327; Transfer approval 76804 as described under rights 29-13979 and 29-13980; Transfer approval 76805 as described under rights 35-14046 and 35-14052; Transfer approval 76806 as described under rights 36-16878 and 36-16879; Transfer approval 76808 as described under rights 21-13121 and 21-13122; provide the necessary mitigation for any increased depletion to connected reaches of the Snake River that would result from each individual transfer. These transfer approvals shall not require mutual dependence for ongoing mitigation. Any future action, including a subsequent transfer of this right or an order rescinding a transfer approval, which would result in a change to the point(s) of diversion under this right may require mitigation for the effects of the change. Such future action to change the point(s) of diversion under this right shall be analyzed for effects to connected reaches of the Snake River based on the priority date, point(s) of diversion and steady-state quantity as authorized for this right.

Dates:

Licensed Date:

Decreed Date: 09/12/2002

Enlargement Use Priority Date:

Enlargement Statute Priority Date: 4/12/1994

Water Supply Bank Enrollment Date Accepted:

Water Supply Bank Enrollment Date Removed:

Application Received Date:

Protest Deadline Date:

Number of Protests: 0

Other Information:

State or Federal: S

Owner Name Connector:

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Water District Number: 120
Generic Max Rate per Acre: 0.02
Generic Max Volume per Acre: 4
Combined Acres Limit: 105
Combined Volume Limit: 420
Combined Rate Limit: 1.55
Civil Case Number:
Old Case Number:
Decree Plaintiff:
Decree Defendant:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Cary Act Number:
Mitigation Plan: False

Close

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JUL 02 2012

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Department of Water Resources
 EASTERN REGION
 STATE OF IDAHO
 DEPARTMENT OF WATER RESOURCES

Transfer No.

78017

Idaho Water Co.
 35-14162 (County Line Farm)
 77.5 ac. to 6S,29E-12

APPLICATION FOR TRANSFER OF WATER RIGHT
MINIMUM REQUIREMENTS CHECKLIST

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: This is transfer #2 of 4, combined only to provide off-setting ESPA mitigation.

Revised 6/28/2012

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