

MAR 21 2012

Department of Water Resources
Eastern RegionSTATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

77844

APPLICATION FOR TRANSFER OF WATER RIGHT – POINTS OF DIVERSION

This form may be used to apply to change and/or add points of diversion for existing water rights and to report an ownership change for an entire water right(s) in connection with the proposed point of diversion change(s). Do not use this form to apply for changes to other elements of a water right or to report an ownership change for a portion of a water right. See the *Application for Transfer Instructions* for help completing this form and for mailing addresses of Department offices where your application can be submitted.

Check all that apply:

- ☐ Change Point of Diversion ☒ Add diversion point(s) ☐ Ownership change

1. APPLICANT(S) Val E or Diane P Schwendiman Phone (208) 458-4224/313-7550 Cell2. MAILING ADDRESS 9633E HWY 33 City NewdaleState Idaho Zip 83436 Email _____c/o Keith C. Wilson Rocky Mountain Environmental Associates, Inc. Email kwilson@rockymountainenvironmental.com482 Constitution Way, Ste 303, Idaho Falls ID 83402 (208) 524-2353 Fax (208) 524-1795

- ☐ If the applicant is not an individual and not registered to do business in the State of Idaho, attach documentation identifying officers authorized to sign for the applicant.
- ☐ If the applicant is not the current water right(s) owner, attach documentation of authority to file the application.
- ☐ If the application includes a change in ownership of water right(s), attach a copy of the conveyance document, such as a warranty deed, court decree, contract of sale, etc. The conveyance document must include a legal description of the property conveyed or description of the water right if no land is conveyed. Additional Fee(s) required for water right ownership changes; see fee Schedule.
- ☐ If the application is not signed by the applicant, attach a Power of Attorney or other documentation providing authority to sign for the applicant.

3. LIST OF WATER RIGHT NUMBER(S) 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472

- ☒ Attach a copy of the water right(s) as recorded, available at www.idwr.idaho.gov, *Water Right Transfers, Step 1*, or by contacting any Department office.

4. TOTAL AMOUNT OF WATER transferred is 7.00 cubic feet per second and/or _____ acre-feet per annum
(diversion rate) (storage volume)5. POINT OF DIVERSION – Describe all the point(s) of diversion to be included on the water right(s) after the proposed change.

- ☒ Attach Eastern Snake Plain Aquifer (ESPA) analysis if this transfer proposes to change a point of diversion affecting the ESPA. ESPA analysis information is available at www.idwr.idaho.gov, *Water Right Transfers, Online Resources*.

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local Name or tag #
6N	41E	1			SE	NE	Madison	Ground Water	Well #2
		1	L-4		NW	NW	Madison	Ground Water	Grand Pa's Well
		12			NW	SW	Madison	Ground Water	Well #1
		14			SE	SE	Madison	Ground Water	Howards Well
		12			SW	SE	Madison	Ground Water	NEW Well

6. 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:

Five wells will divert water into a common mainline to center pivots and laterals with sprinklers. Valves (used as lockable controlling works) and measuring devices can be located on the mainline at each pump prior to the pump mainline connecting to the combined system mainline.

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

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

- c. 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:

7. **MAP** – ☒ Attach a map of the diversion, measurement, control, and distribution system. Clearly label the map with township, range, section and ¼ ¼ of section information. The *Map Tool*, available at <http://maps.idwr.idaho.gov/TransferApplicationLayouts/> provides a satisfactory template for creating the required map.
8. **SIGNATURE** – The information in this application is true to the best of my knowledge. I understand any willful misrepresentations in this application may result in rejection of the application or cancellation of an approval.

Val Schindler
Signature of applicant or authorized agent

Val Schindler
Print Name and Title if applicable

3-19-12
Date

Signature of applicant or authorized agent

Print Name and Title if applicable

Date

9. **FEE** – ☒ The application filing fee provided in Section 42-221, Idaho Code, must be submitted with the application for transfer. The Application fee is based on the total amount of water proposed for transfer in Item 4: the larger fee for either cubic feet per second (diversion rate) or acre-feet per annum (storage volume). The *Fee Schedule* is available at www.idwr.idaho.gov, *Water Right Transfers, Step 4* and in the *Application for Transfer Instructions*.

FOR DEPARTMENT USE ONLY

Transfer contains _____ pages of attachments. Received by _____ Date _____
Fee Paid \$980.00 Date 4/3/2012 Received by B/ute Receipt # E037461
Preliminary review completed by _____ Date _____

WATER RIGHT NO. 22-13466

Adjudication Recommended Right Report

3/7/2012

Owner Type	Name and Address
Current Owner	VAL E or DIANE P SCHWENDIMAN, 9633 E HWY 33, NEWDALE, ID 83436

Priority Date: 02/25/1961

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	04/01	10/31	3.7 CFS	1570.5 AFA
Total Diversion			3.7 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENE	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWNW Lt 4	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWSW	Sec. 12	Township 06N	Range 41E	MADISON County
GROUND WATER	SESE	Sec. 14	Township 06N	Range 41E	MADISON County

IRRIGATION Use: Acre Limit: 665

Place of Use Legal Description: IRRIGATION MADISON County\

Township	Range	Section	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres	Lot	Tract	Acres
06N	41E	1		SWNE	39		SENE	39						
			3	NENW	38	4	NWNW	38		SWNW	40		SENW	40
				NESW	40		NWSW	40		SWSW	40		SESW	40
				NESE	32		NWSE	39		SWSE	11			
		2	1	NENE	39	2	NWNE	33		SWNE	39		SENE	38
			3	NENW	15		SENW	16						
				NESW	16		SESW	16						
				NESE	39		NWSE	39		SWSE	39		SESE	39
		11		NENE	40		NWNE	40		SWNE	40		SENE	40
				NENW	16									
				NESE	40		SESE	40						
		12		NENW	39		NWNW	39		SWNW	40		SENW	40
				NESW	40		NWSW	40		SWSW	39		SESW	40
				NWSE	40		SWSE	40						
		13		NENE	39		NWNE	40		SWNE	40		SENE	39
				NESW	40		NWSW	40		SWSW	40		SESW	40
				NESE	40		NWSE	40		SWSE	40		SESE	40
07N		36		NESW	4.7		NWSW	8.3		SWSW	38		SESW	27

Total Acres: 2053

WATER RIGHT NO. 22-13466 (Cont.)

Conditions of Approval:

1.		This right is based on former license 22-2196
2.	K06	This right is limited to the irrigation of 665 acres within the place of use described above in a single irrigation season.
3.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
4.	E56	The rights listed below are limited to the irrigation of a combined total of 2053 acres in a single irrigation season. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472
5.	E54	The rights listed below are limited to a total combined annual diversion volume of 7185.5 af. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
6.	F06	The following rights are diverted through points of diversion described above: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
7.	R63	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
8.	C05	Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Dates:

Owner Name Connector: OR

WATER RIGHT NO. **22-13467**

Adjudication Recommended Right Report

3/7/2012

Owner Type	Name and Address
Current Owner	VAL E or DIANE P SCHWENDIMAN, 9633 E HWY 33, NEWDALE, ID 83436

Priority Date: 08/19/1965

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	04/01	11/01	2.57 CFS	1090.9 AFA
Total Diversion			2.57 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENE	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWNW Lt 4	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWSW	Sec. 12	Township 06N	Range 41E	MADISON County
GROUND WATER	SESE	Sec. 14	Township 06N	Range 41E	MADISON County

IRRIGATION Use: Acre Limit: 441

Total Acres: 2053

See 22-13466 for Place of Use Legal Description:

Conditions of Approval:

1.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
2.		This right is based on former license 22-2257
3.	K06	This right is limited to the irrigation of 441 acres within the place of use described above in a single irrigation season.
4.	E56	The rights listed below are limited to the irrigation of a combined total of 2053 acres in a single irrigation season. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472
5.	E54	The rights listed below are limited to a total combined annual diversion volume of 7185.5 af. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
6.	F06	The following rights are diverted through points of diversion described above: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
7.	R63	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
8.	C05	Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Dates:

Other Information:

State or Federal: S

Owner Name Connector: OR

WATER RIGHT NO. **22-13468**

Adjudication Recommended Right Report

3/7/2012

Owner Type	Name and Address
Current Owner	VAL E or DIANE P SCHWENDIMAN, 9633 E HWY 33, NEWDALE, ID 83436

Priority Date: 04/25/1966

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	04/01	10/31	1.47 CFS	595 AFA
Total Diversion			1.47 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENE	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWNW Lt 4	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWSW	Sec. 12	Township 06N	Range 41E	MADISON County
GROUND WATER	SESE	Sec. 14	Township 06N	Range 41E	MADISON County

IRRIGATION Use: Acre Limit: 170

Total Acres: 2053

See 22-13466 for Place of Use Legal Description

Conditions of Approval:

1.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
2.	K06	This right is limited to the irrigation of 170 acres within the place of use described above in a single irrigation season.
3.		This right is based on former license 22-2271B
4.	E56	The rights listed below are limited to the irrigation of a combined total of 2053 acres in a single irrigation season. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472
5.	E54	The rights listed below are limited to a total combined annual diversion volume of 7185.5 af. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
6.	F06	The following rights are diverted through points of diversion described above: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
7.	R63	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
8.	C05	Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Dates:

Other Information:

State or Federal: S

Owner Name Connector: OR

WATER RIGHT NO. **22-13469**

Adjudication Recommended Right Report

3/7/2012

Owner Type	Name and Address
Current Owner	VAL E or DIANE P SCHWENDIMAN, 9633 E HWY 33, NEWDALE, ID 83436

Priority Date: 12/03/1968

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	04/01	11/01	4.15 CFS	1761.5 AFA
Total Diversion			4.15 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENE	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWNW Lt 4	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWSW	Sec. 12	Township 06N	Range 41E	MADISON County
GROUND WATER	SESE	Sec. 14	Township 06N	Range 41E	MADISON County

IRRIGATION Use: Acre Limit: 680

Total Acres: 2053

See 22-13466 for Place of Use Legal Description

Conditions of Approval:

1.	K06	This right is limited to the irrigation of 680 acres within the place of use described above in a single irrigation season.
2.		This right is based on former license 22-7016
3.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
4.	E56	The rights listed below are limited to the irrigation of a combined total of 2053 acres in a single irrigation season. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472
5.	E54	The rights listed below are limited to a total combined annual diversion volume of 7185.5 af. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
6.	F06	The following rights are diverted through points of diversion described above: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
7.	R63	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
8.	C05	Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Dates:

Other Information:

State or Federal: S

Owner Name Connector: OR

WATER RIGHT NO. **22-13470**

Adjudication Recommended Right Report

3/7/2012

Owner Type	Name and Address
Current Owner	VAL E or DIANE P SCHWENDIMAN, 9633 E HWY 33, NEWDALE, ID 83436

Priority Date: 11/26/1971

Basis: License

Status: Active

Source	Tributary
GROUND WATER	

Beneficial Use	From	To	Diversion Rate	Volume
IRRIGATION	04/01	11/01	0.1 CFS	42.4 AFA
Total Diversion			0.1 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENE	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWNW Lt 4	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWSW	Sec. 12	Township 06N	Range 41E	MADISON County
GROUND WATER	SESE	Sec. 14	Township 06N	Range 41E	MADISON County

IRRIGATION Use: Acre Limit: 20

Total Acres: 2053

See 22-13466 for Place of Use Legal Description

Conditions of Approval:

1.		This right is based on former license 22-7052B.
2.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
3.	K06	This right is limited to the irrigation of 20 acres within the place of use described above in a single irrigation season.
4.	E56	The rights listed below are limited to the irrigation of a combined total of 2053 acres in a single irrigation season. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472
5.	E54	The rights listed below are limited to a total combined annual diversion volume of 7185.5 af. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
6.	F06	The following rights are diverted through points of diversion described above: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
7.	R63	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
8.	C05	Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Dates:

Other Information:

State or Federal: S

Owner Name Connector: OR

WATER RIGHT NO. **22-13471**

Adjudication Recommended Right Report

3/7/2012

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	VAL E or DIANE P SCHWENDIMAN, 9633 E HWY 33, NEWDALE, ID 83436

Priority Date: 10/29/1975

Basis: License

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	11/01	0.15 CFS	63 AFA
Total Diversion			0.15 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENE	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWNW Lt 4	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWSW	Sec. 12	Township 06N	Range 41E	MADISON County
GROUND WATER	SESE	Sec. 14	Township 06N	Range 41E	MADISON County

IRRIGATION Use: Acre Limit: 18

Total Acres: 2053

See 22-13466 for Place of Use Legal Description

Conditions of Approval:

1.	K06	This right is limited to the irrigation of 18 acres within the place of use described above in a single irrigation season.
2.	C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
3.		This right is based on former license 22-7167B
4.	E56	The rights listed below are limited to the irrigation of a combined total of 2053 acres in a single irrigation season. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472
5.	E54	The rights listed below are limited to a total combined annual diversion volume of 7185.5 af. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
6.	F06	The following rights are diverted through points of diversion described above: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
7.	R63	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
8.	C05	Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Dates:

Other Information:

State or Federal: S

Owner Name Connector: OR

WATER RIGHT NO. **22-13472**

Adjudication Recommended Right Report

3/7/2012

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	VAL E or DIANE P SCHWENDIMAN, 9633 E HWY 33, NEWDALE, ID 83436

Priority Date: 05/06/1977

Basis: License

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	11/01	7 CFS	2971.3 AFA
Total Diversion			7 CFS	

Location of Point(s) of Diversion:

GROUND WATER	SENE	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWNW Lt 4	Sec. 01	Township 06N	Range 41E	MADISON County
GROUND WATER	NWSW	Sec. 12	Township 06N	Range 41E	MADISON County
GROUND WATER	SESE	Sec. 14	Township 06N	Range 41E	MADISON County

IRRIGATION Use: Acre Limit: 1485

Total Acres: 2053

See 22-13466 for Place of Use Legal Description

Conditions of Approval:

1. C18	This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
2.	This right is based on former licence 22-7234
3. K06	This right is limited to the irrigation of 1485 acres within the place of use described above in a single irrigation season.
4. E56	The rights listed below are limited to the irrigation of a combined total of 2053 acres in a single irrigation season. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, 22-13472
5. E54	The rights listed below are limited to a total combined annual diversion volume of 7185.5 af. Combined Right Nos.: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
6. F06	The following rights are diverted through points of diversion described above: 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472.
7. R63	This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.5 afa per acre at the field headgate for irrigation of the place of use.
8. C05	Right includes accomplished change in place of use pursuant to Section 42-1425, Idaho Code.

Dates:

Other Information:

State or Federal: S

Owner Name Connector: OR

The ESPA Analysis consisted of determining a centroid for the existing wells for the Schwendiman's water right numbers 22-13466, 22-13467, 22-13468, 22-13469, 22-13470, 22-13471, and 22-13472. The centroid was weighted based on the diversion rate attributed to each point of diversion. This resulted in the existing wells centroid being located within the NENW Sec 12, T06N, R41E (Row 62, Column 194). (See enclosed ESPA Grid Map)

The wells are identified as follows:

Local Name	Twp	Rge	Sec	Govt Lot	¼	¼	Water Right	Diversion Rate	Total	Volume
Grand Pa's Well	6N	41E	1	L-4	NW	NW	22-13466	3.70 cfs	3.70 cfs	1570.5 afa
Well #1	6N	41E	12		NW	SW	22-13467 22-13469	2.57 cfs 4.15 cfs	6.72 cfs	1090.9 1761.5
Well #2	6N	41E	1		SE	NE	22-13472	7.00 cfs	7.00 cfs	2971.3
Howards Well	6N	41E	14		SE	SE	22-13468 22-13470 22-13471	1.47 cfs 0.10 cfs 0.15 cfs	1.72 cfs	595.0 afa 42.4 afa 63.0 afa
Total =									19.14 cfs	8094.6 afa
Volume Limited to 3.5 ac-ft/ac =										7185.5 afa

The existing wells and the new well are located in the following ESPA Grid Cells:

Local Name	Row	Column	Twp	Rge	Sec	Govt Lot	¼	¼
Grand Pa's Well	61	194	6N	41E	1	L-4	NW	NW
Well #1	63	193	6N	41E	12		NW	SW
Well #2	62	194	6N	41E	1		SE	NE
Howards Well	64	192	6N	41E	14		SE	SE
New Well	62	194	6N	41E	12		SW	SE

The location of the Centroid of the existing wells [NENW Sec 12 (Row 62, Column 194)] and the proposed new Point of Diversion [SWSE Sec 12, T06N, R41E (Row 63, Column 193)] places them in adjacent cells and do not require an ESPA Analysis. However, the Modified ESPA Analysis Spreadsheet was completed to determine if there would be a limitation on the volume that could be moved from the existing wells centroid to the new point of diversion. Based on the Mitigation Analysis Tool a total of 4299 afa (1433 ac-ft/trimester) could be transferred to the new point of diversion without requiring mitigation in either the transition or steady state conditions.

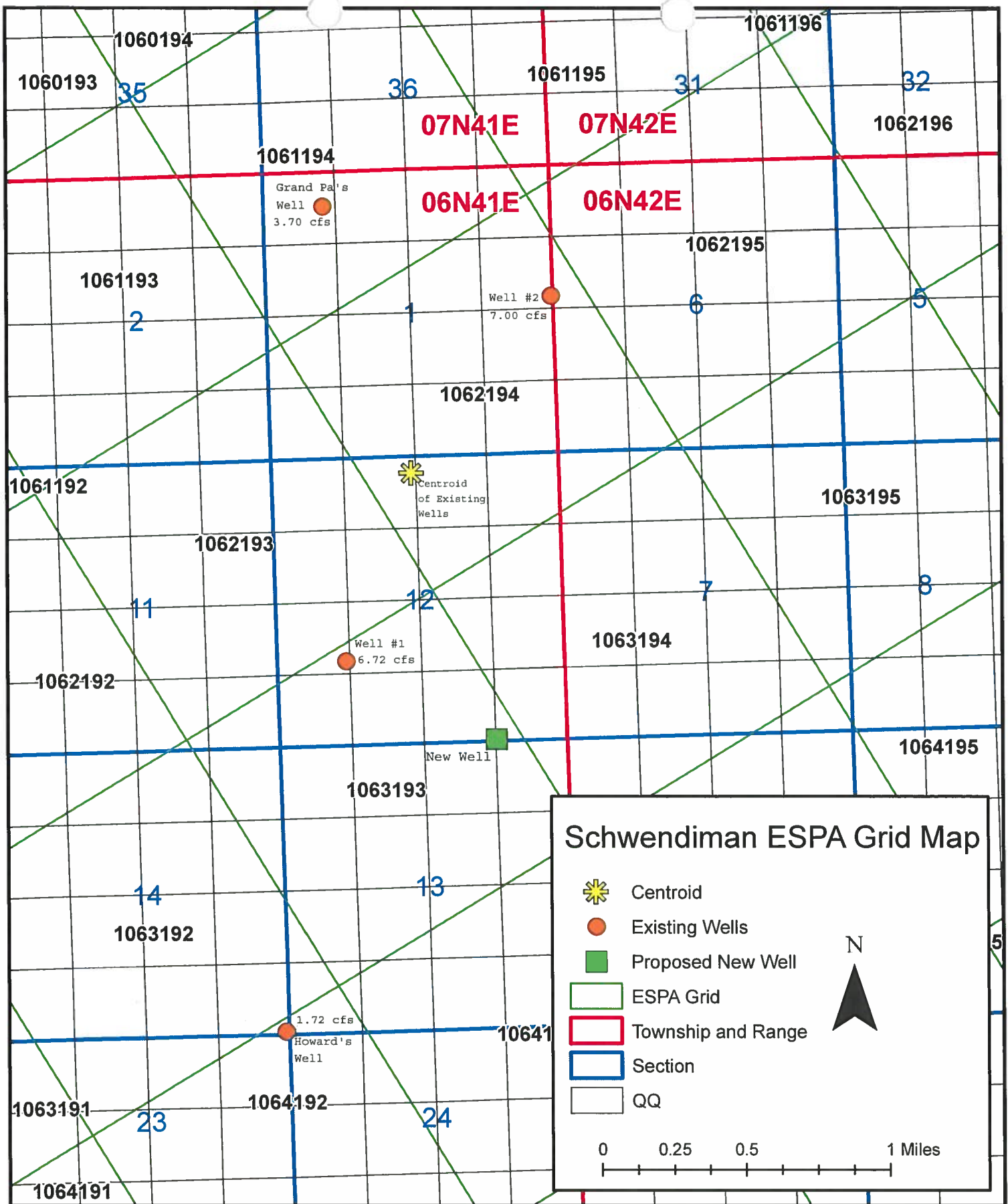
A corresponding diversion rate based on a diversion volume of 4299 afa was calculated as follows:

Transferrable Volume = 4299 afa Total Volume = 7185.5 afa

Ratio of Transferrable Volume to Total Volume = 4299 afa/7185.5 afa = 0.598288 = 59.8%

cfs = (19.14 cfs) x (0.5983) = 11.45 cfs

Applicant is proposing that the capacity of the new well be in the range of $\approx$ 3100 gpm (6.91 cfs). The filing fee for 6.91 cfs is the same as for 7.00 cfs; therefore the application is for 7.00 cfs.



Schwendiman - POD

ESPA Analysis

Transfer Item #5

ESPA Ground Water Rights Transfer Spreadsheet Data Summary

TRANSFER NO:		PREPARED BY:	Keith C. Wilson
TRANSFER NAME:	Schwendiman-POD	DATE:	13-Mar-12
		Transfer Tool Version	Version 3.1

WATER RIGHTS INVOLVED:

Group 1	Group 2
Transfer Rights	Additional Mitigation Rights
Right No. Priority Date	Right No. Priority Date
22-13466 2/5/1961	22-13471 10/29/1975
22-13467 8/19/1965	22-13472 5/6/1977
22-13468 4/25/1966	
22-13469 12/3/1968	
22-13470 11/26/1971	

HISTORIC BENEFICIAL USE:

Trans/Mit. Rights (group no.)	Acres to Dry Up (ac)	Beneficial Use (afa/yr)	Total (af/yr)
1 & 2	1228.3	3.5	4299.05

MODEL CELL LOCATIONS:

	TO WELL	FROM1 WELL	FROM2 WELL	FROM3 WELL
ROW	63	62	0	0
COLUMN	193	194	0	0

TO Well (Projected Use)	Start Date		End Date		Water Use		Acres Authorized (acres)	Notes
	Season	Year	Season	Year	Annual (af/yr)	Trimester (af/trimester)		
FROM1 Well (With Transfer)	Winter	1960	Spring	1965	1570.5	523.5	448.7	Place of Use Remains the Same
	Summer	1965	Winter	1965	2661.4	887.1	760.4	
	Spring	1966	Summer	1968	3256.4	1085.5	930.4	
	Winter	1968	Summer	1971	5017.9	1672.6	1433.7	
	Winter	1971	Spring	1975	5060.3	1686.8	1445.8	
	Summer	1975	Winter	1976	5123.3	1707.8	1463.8	
	Spring	1977	Winter	2011	7185.5	2395.2	2053.0	
	Spring	2012	Summer	2110	962.2	320.7	274.9	
FROM1 Well (Without Transfer)	Winter	1960	Spring	1965	1570.5	523.5	448.7	Place of Use Remains the Same
	Summer	1965	Winter	1965	2661.4	887.1	760.4	
	Spring	1966	Summer	1968	3256.4	1085.5	930.4	
	Winter	1968	Summer	1971	5017.9	1672.6	1433.7	
	Winter	1971	Spring	1975	5060.3	1686.8	1445.8	
	Summer	1975	Winter	1976	5123.3	1707.8	1463.8	
	Spring	1977	Winter	2110	7185.5	2395.2	2053.0	
	Spring	2012	Summer	2110	962.2	320.7	274.9	

MITIGATION NOTES:



ENHANCED GROUND-WATER RIGHTS TRANSFER SPREADSHEET

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

TRANSFER NO:

YEAR	1960	TRANSFER NAME: Schwendiman-POD
SEASON	Winter	

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	63	62	0	0
COLUMN	193	194	0	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
WIN 1960	0	523.5	523.5	0	0
SPR 1961	0	523.5	523.5	0	0
SUM 1961	0	523.5	523.5	0	0
WIN 1961	0	523.5	523.5	0	0
SPR 1962	0	523.5	523.5	0	0
SUM 1962	0	523.5	523.5	0	0
WIN 1962	0	523.5	523.5	0	0
SPR 1964	0	523.5	523.5	0	0
SUM 1964	0	523.5	523.5	0	0
WIN 1964	0	523.5	523.5	0	0
SPR 1965	0	523.5	523.5	0	0
SUM 1965	0	887.1	887.1	0	0
WIN 1965	0	887.1	887.1	0	0
SPR 1966	0	1085.5	1085.5	0	0
SUM 1966	0	1085.5	1085.5	0	0
WIN 1966	0	1085.5	1085.5	0	0
SPR 1968	0	1085.5	1085.5	0	0
SUM 1968	0	1085.5	1085.5	0	0
WIN 1968	0	1672.6	1672.6	0	0
SPR 1969	0	1672.6	1672.6	0	0
SUM 1969	0	1672.6	1672.6	0	0
WIN 1969	0	1672.6	1672.6	0	0
SPR 1971	0	1672.6	1672.6	0	0
SUM 1971	0	1672.6	1672.6	0	0
WIN 1971	0	1686.8	1686.8	0	0
SPR 1972	0	1686.8	1686.8	0	0
SUM 1972	0	1686.8	1686.8	0	0
SUM 1974	0	1686.8	1686.8	0	0
WIN 1974	0	1686.8	1686.8	0	0
SPR 1975	0	1686.8	1686.8	0	0
SUM 1975	0	1707.8	1707.8	0	0
WIN 1975	0	1707.8	1707.8	0	0
SPR 1976	0	1707.8	1707.8	0	0
SUM 1976	0	1707.8	1707.8	0	0
WIN 1976	0	1707.8	1707.8	0	0
SPR 1977	0	2395.2	2395.2	0	0
SUM 1977	0	2395.2	2395.2	0	0
WIN 1977	0	2395.2	2395.2	0	0

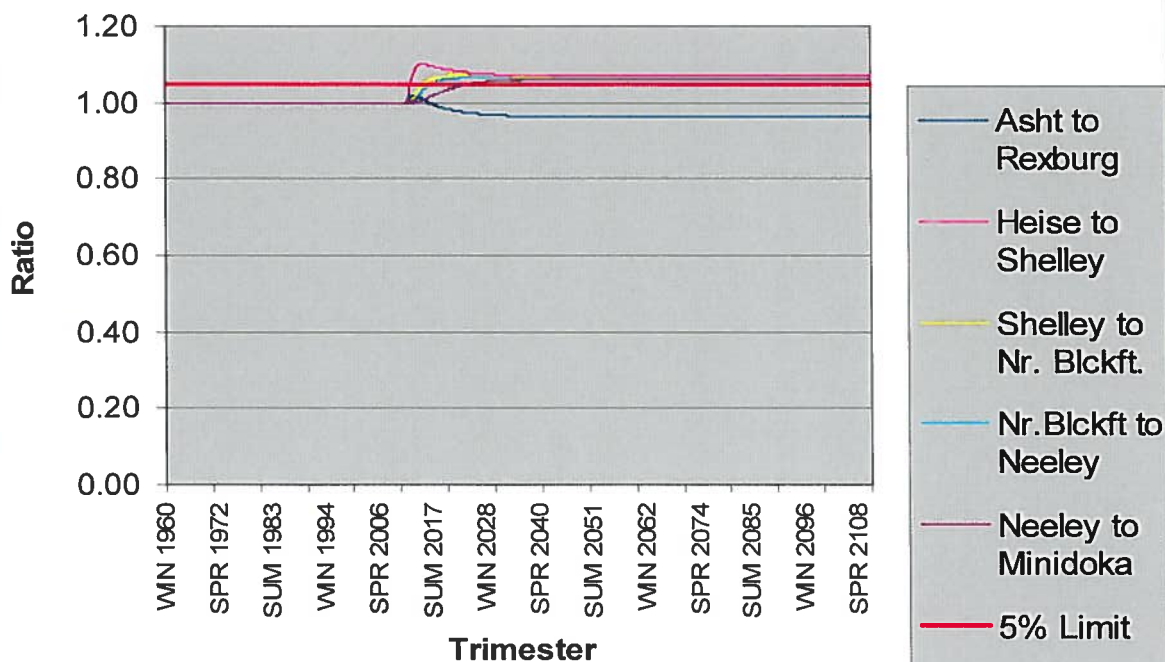
Data Entry Continued Next Page

Data Entry Continued From Previous Page

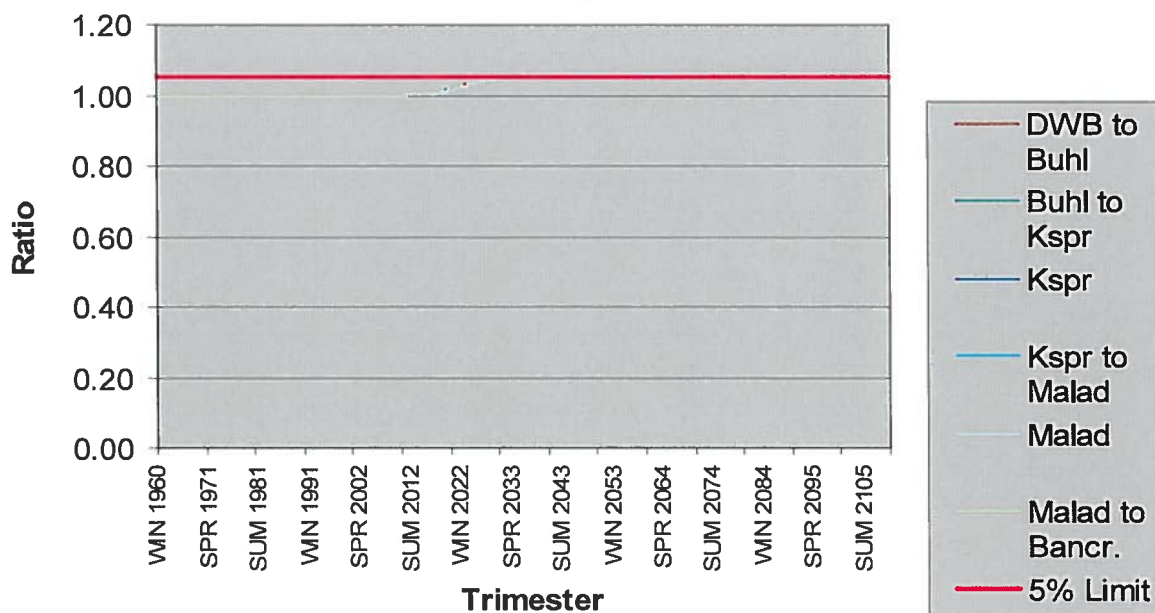
SPR 2011	0	2395.2	2395.2	0	0
SUM 2011	0	2395.2	2395.2	0	0
WIN 2011	0	2395.2	2395.2	0	0
SPR 2012	1433.0	962.2	2395.2	0	0
SUM 2012	1433.0	962.2	2395.2	0	0
WIN 2012	1433.0	962.2	2395.2	0	0
SPR 2013	1433.0	962.2	2395.2	0	0
SUM 2013	1433.0	962.2	2395.2	0	0
WIN 2013	1433.0	962.2	2395.2	0	0
SPR 2014	1433.0	962.2	2395.2	0	0
SUM 2014	1433.0	962.2	2395.2	0	0
WIN 2014	1433.0	962.2	2395.2	0	0
SPR 2015	1433.0	962.2	2395.2	0	0
SUM 2015	1433.0	962.2	2395.2	0	0
WIN 2015	1433.0	962.2	2395.2	0	0
SPR 2016	1433.0	962.2	2395.2	0	0
SUM 2016	1433.0	962.2	2395.2	0	0
WIN 2016	1433.0	962.2	2395.2	0	0
SPR 2017	1433.0	962.2	2395.2	0	0
SUM 2017	1433.0	962.2	2395.2	0	0
WIN 2017	1433.0	962.2	2395.2	0	0
SPR 2018	1433.0	962.2	2395.2	0	0
SUM 2018	1433.0	962.2	2395.2	0	0
WIN 2018	1433.0	962.2	2395.2	0	0
SPR 2019	1433.0	962.2	2395.2	0	0
SUM 2019	1433.0	962.2	2395.2	0	0
WIN 2019	1433.0	962.2	2395.2	0	0
SPR 2021	1433.0	962.2	2395.2	0	0
SUM 2021	1433.0	962.2	2395.2	0	0
WIN 2021	1433.0	962.2	2395.2	0	0
SPR 2022	1433.0	962.2	2395.2	0	0
SUM 2022	1433.0	962.2	2395.2	0	0
WIN 2022	1433.0	962.2	2395.2	0	0
SPR 2023	1433.0	962.2	2395.2	0	0
SUM 2023	1433.0	962.2	2395.2	0	0
WIN 2023	1433.0	962.2	2395.2	0	0
SPR 2024	1433.0	962.2	2395.2	0	0
SUM 2024	1433.0	962.2	2395.2	0	0
WIN 2024	1433.0	962.2	2395.2	0	0
SPR 2025	1433.0	962.2	2395.2	0	0
SUM 2025	1433.0	962.2	2395.2	0	0
WIN 2025	1433.0	962.2	2395.2	0	0
SPR 2107	1433.0	962.2	2395.2	0	0
SUM 2107	1433.0	962.2	2395.2	0	0
WIN 2107	1433.0	962.2	2395.2	0	0
SPR 2108	1433.0	962.2	2395.2	0	0
SUM 2108	1433.0	962.2	2395.2	0	0
WIN 2108	1433.0	962.2	2395.2	0	0
SPR 2109	1433.0	962.2	2395.2	0	0
SUM 2109	1433.0	962.2	2395.2	0	0
WIN 2109	1433.0	962.2	2395.2	0	0
SPR 2110	1433.0	962.2	2395.2	0	0
SUM 2110	1433.0	962.2	2395.2	0	0

End of Data Entry

Change Above Milner as Ratio of Impact With Transfer to Impact Without Transfer



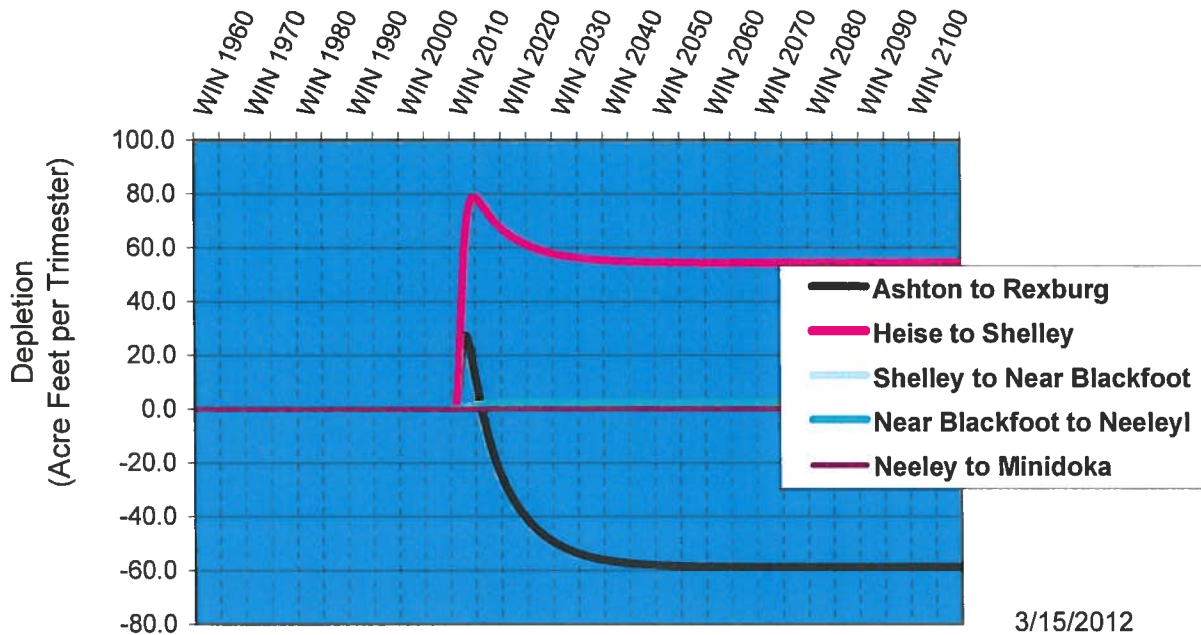
Change Below Milner as Ratio of Impact With Transfer to Impact Without Transfer



Change Ratio

period	Asht to Rexburg	Heise to Shelley	Shelley to Nr. Blckft.	Nr. Blckft to Neeley	Neeley to Minidoka	DWB to Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancr.
SPR 2011	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2011	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2011	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2012	1.00	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2012	1.01	1.02	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2012	1.01	1.04	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2013	1.02	1.06	1.01	1.00	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2013	1.02	1.07	1.01	1.01	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2013	1.02	1.09	1.02	1.01	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2014	1.02	1.09	1.03	1.01	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SUM 2014	1.02	1.10	1.03	1.02	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
WIN 2014	1.01	1.10	1.04	1.02	1.00	1.00	1.00	1.00	1.00	1.00	100.0%
SPR 2015	1.01	1.10	1.04	1.03	1.01	1.00	1.00	1.00	1.00	1.00	100.1%
SUM 2015	1.01	1.10	1.05	1.03	1.01	1.00	1.00	1.00	1.00	1.00	100.1%
WIN 2015	1.01	1.10	1.05	1.04	1.01	1.00	1.00	1.00	1.00	1.00	100.1%
SPR 2016	1.00	1.10	1.05	1.04	1.01	1.00	1.00	1.00	1.00	1.00	100.2%
SUM 2016	1.00	1.10	1.06	1.04	1.01	1.00	1.00	1.00	1.00	1.00	100.2%
WIN 2016	1.00	1.10	1.06	1.05	1.01	1.00	1.00	1.00	1.00	1.00	100.3%
SPR 2017	1.00	1.10	1.06	1.05	1.02	1.00	1.00	1.00	1.00	1.00	100.4%
SUM 2017	1.00	1.10	1.06	1.05	1.02	1.01	1.01	1.01	1.00	1.00	100.5%
WIN 2017	0.99	1.10	1.06	1.05	1.02	1.01	1.01	1.01	1.01	1.01	100.5%
SPR 2018	0.99	1.09	1.07	1.05	1.02	1.01	1.01	1.01	1.01	1.01	100.6%
SUM 2018	0.99	1.09	1.07	1.06	1.02	1.01	1.01	1.01	1.01	1.01	100.8%
WIN 2018	0.99	1.09	1.07	1.06	1.03	1.01	1.01	1.01	1.01	1.01	100.9%
SPR 2019	0.99	1.09	1.07	1.06	1.03	1.01	1.01	1.01	1.01	1.01	101.0%
SUM 2019	0.99	1.09	1.07	1.06	1.03	1.01	1.01	1.01	1.01	1.01	101.1%
WIN 2019	0.99	1.09	1.07	1.06	1.03	1.01	1.01	1.01	1.01	1.01	101.2%
SPR 2020	0.99	1.09	1.07	1.06	1.03	1.02	1.01	1.01	1.01	1.01	101.4%
SUM 2020	0.98	1.09	1.07	1.06	1.03	1.02	1.02	1.02	1.02	1.02	101.5%
WIN 2020	0.98	1.09	1.07	1.06	1.03	1.02	1.02	1.02	1.02	1.02	101.6%
SPR 2103	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2103	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
WIN 2103	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SPR 2104	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2104	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
WIN 2104	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SPR 2105	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2105	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
WIN 2105	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SPR 2106	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2106	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
WIN 2106	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SPR 2107	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2107	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
WIN 2107	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SPR 2108	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2108	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
WIN 2108	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SPR 2109	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2109	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
WIN 2109	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SPR 2110	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%
SUM 2110	0.96	1.07	1.06	1.06	1.06	1.06	1.06	1.06	1.06	1.06	106.0%

Net Transfer Effect Above Milner
(Total Effect With Transfer - Total Effect Without Transfer)



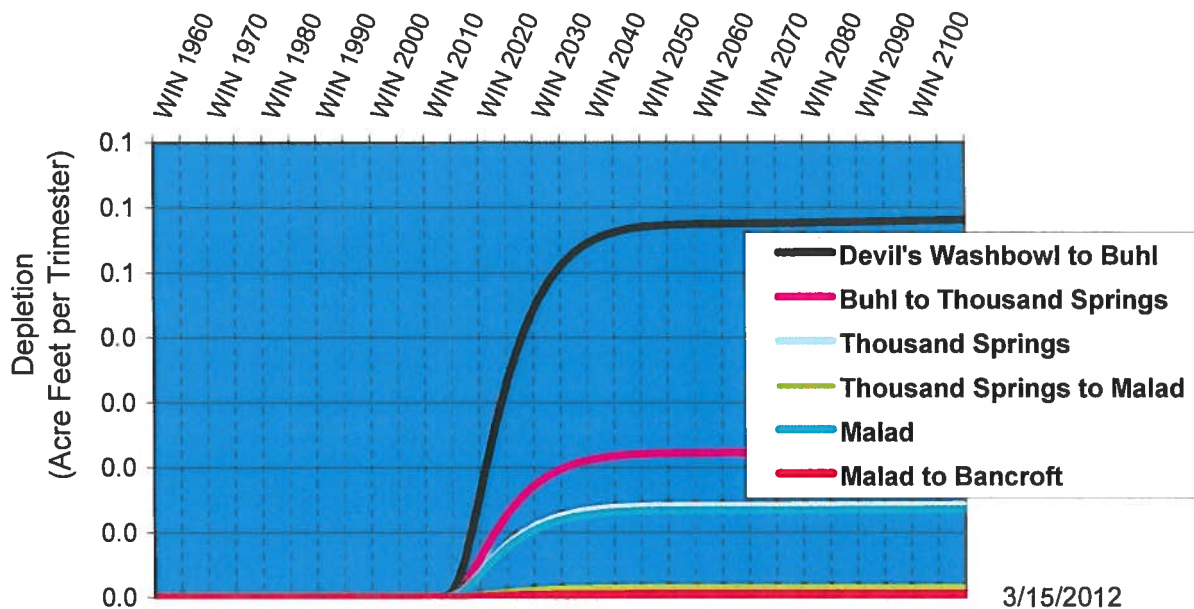
3/15/2012

Version 3.1

Customer Name: Schwendiman-POD

Transfer No:

Net Transfer Effect Below Milner
(Total Effect With Transfer - Total Effect Without Transfer)



3/15/2012

Version 3.1

Customer Name: Schwendiman-POD

Transfer No:

Calculated Net Transfer Effects

Period	Net Transfer Effect (AF/four months)				Neeley to Minidoka	DWB to Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancr.
	Asht to Rexburg	Heise to Shelley	Shelley to Nr. Bickft.	Nr. Bickft to Neeley							
SPR 2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2012	4.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2012	12.7	18.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2012	20.1	33.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2013	25.0	46.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2013	27.3	58.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2013	27.4	66.2	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2014	25.9	71.9	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2014	23.5	75.6	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2014	20.4	77.7	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2015	17.1	78.7	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2015	13.6	79.0	1.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2015	10.1	78.8	1.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2016	6.7	78.3	1.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2016	3.5	77.6	1.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2016	0.4	76.8	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2017	-2.6	75.9	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2017	-5.3	75.0	1.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2017	-7.9	74.1	1.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2018	-10.4	73.2	1.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2018	-12.7	72.3	1.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2018	-14.9	71.5	2.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2019	-16.9	70.7	2.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2019	-18.9	70.0	2.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2019	-20.7	69.3	2.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2020	-22.4	68.6	2.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUM 2020	-24.0	68.0	2.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WIN 2020	-25.6	67.4	2.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPR 2103	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2103	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
WIN 2103	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SPR 2104	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2104	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
WIN 2104	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SPR 2105	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2105	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
WIN 2105	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SPR 2106	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2106	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
WIN 2106	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SPR 2107	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2107	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
WIN 2107	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SPR 2108	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2108	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
WIN 2108	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SPR 2109	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2109	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
WIN 2109	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SPR 2110	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
SUM 2110	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0

Calculated Effects Data for Mitigation Analysis Tool

Enter First Time Step of Transfer:

SPR 2010

Preexisting Effects	AtR	HIS	StNB	NBtN	NtM	DWtB	BRTS	TS	TStM	M	MtB	Total
@ Steady State (Last Time Step):	1547.53	776.84	29.53	38.33	0.94	0.97	0.38	0.24	0.03	0.23	0.01	2,395.02
SS - Value of Dep.@ Last Time Step:	1,488.74	831.28	31.38	40.65	1.00	1.03	0.40	0.25	0.03	0.24	0.01	2,395.01
@ TS (Max Value Timestep):	1,547.53	776.84	29.53	38.33	0.94	0.97	0.38	0.24	0.03	0.23	0.01	2,395.02
TS-Max.Value of Dep.After Trans:	1,570.63	854.50	31.42	40.65	1.00	1.03	0.40	0.25	0.03	0.24	0.01	2,500.16
	-58.79	54.45	1.85	2.32	0.06	0.06	0.02	0.01	0.00	0.01	0.00	
	23.10	77.66	1.89	2.32	0.06	0.06	0.02	0.01	0.00	0.01	0.00	

Mitigation Analysis Tool

Impact by Reach (AF/Trimester)

	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
Pre-SS	1547.53	776.84	29.53	38.33	0.94	0.97	0.38	0.24	0.03	0.23	0.01
Post-SS	1,488.74	831.28	31.38	40.65	1.00	1.03	0.40	0.25	0.03	0.24	0.01
Pre-TS	1,547.53	776.84	29.53	38.33	0.94	0.97	0.38	0.24	0.03	0.23	0.01
Post-TS	1,570.63	854.50	31.42	40.65	1.00	1.03	0.40	0.25	0.03	0.24	0.01

Mitigation Check 1 - >10% of Historical:	-3.8%	7.0%	6.3%	6.1%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Mitigation Check 2: > 2 AF/T:	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	62.2%	34.7%	1.3%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0

Mitigation Check 1 - >10% of Historical:	1.5%	10.0%	6.4%	6.1%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%	6.0%
Mitigation Check 2: > 2.01 AF/T:	23.1	77.7	1.9	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	23.1	77.7	1.9	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0

Steady State Summary of Modified Stream Depletions Following Transfer(s)

Impact by Reach (AF/Trimester)										
	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad to Bancroft
1	-58.8	54.4	1.8	2.3	0.1	0.1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summary:	-58.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Impact by Reach (AF/Trimester)

	Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad to Bancroft
Pre-SS	0.0	0.0	0.3	1.1	0.3	8.0	6.3	3.9	0.4	0.1
Post-SS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pre-TS	0.0	0.0	0.3	1.1	0.3	8.0	6.3	3.9	0.4	0.1
Post-TS	0.0	0.0	0.3	1.0	0.3	4.0	2.6	1.6	0.2	0.0
SS Reach Impacts:	0.0	0.0	-0.3	-1.1	-0.3	-8.0	-6.3	-3.9	-0.4	-0.1
TS Reach Impacts	0.0	0.0	0.0	-0.1	0.0	-4.0	-3.7	-2.3	-0.2	0.0

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
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Pre-SS
Post-SSPre-TS
Post-TS

Transient State Summary of Modified Stream Depletions Following Transfer(s)

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
1 23.1	77.7	1.9	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
2 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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