



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

October 6, 2016

SOUTH INTERCHANGE PROPERTIES LLC
C/O LUKE MARCHANT
HOLDEN KIDWELL HAHN & CRAPO
PO BOX 50130
IDAHO FALLS ID 83405

RE: WITHDRAWAL OF APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK

Dear Applicant:

Per our conversation on October 3, 2016, the Department of Water Resources (department) acknowledges your intent to withdraw your Application to Rent Water from the Water Supply Bank. Therefore, the department is returning your application.

Diversion and use of water is not authorized under the returned rental application. Any use associated with your proposed rental request is not authorized and, if occurring, will be subject to any necessary enforcement action.

If you wish to rent water in the future, please reapply using new forms from the Department's website at www.idwr.idaho.gov. If you have any questions regarding this matter, please contact me at (208) 287-4910.

Sincerely,

for Clay Webster
Water Resource Agent
WSB Process Point of Contact

Enclosure: Rental Application(s)

MEMORANDUM

To: Water Right No(s). 25-14278, 25-14303, 25-14305, 25-14307, 25-14308, 25-14309, 25-14310, 25-14312, 25-14314, 25-14315, 25-14316, 25-14319, 35-2927

From: Sandra Thiel

Date: October 4, 2016

Re: Return of application

On May 6, 2016 Luke Marchant of Holden, Kidwell, Hahn & Crapo, PLLC submitted an application to rent water on behalf of South Interchange Properties LLC. On May 18, 2016, the Department sent a letter to South Interchange Properties explaining the water supply bank calendar. The rental was not processed. On August 10, 2016, the Department sent a cease and desist letter for ponds and the irrigation of 16 acres.

On October 3, 2016, I called Luke Marchant to ask how his clients would like to proceed. They have filed an application for transfer to cover the irrigated land and do not intend to pursue the rental. Mr. Marchant asked that the application be returned to him.



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C.L. "BUTCH" OTTER
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May 18, 2016

SOUTH INTERCHANGE PROPERTIES LLC
C/O LUKE MARCHANT
HOLDEN KIDWELL HAHN & CRAPO LLC
PO BOX 50130
IDAHO FALLS ID 83405

RE: APPLICATION(S) TO RENT WATER FROM THE WATER SUPPLY BANK

Dear Applicant:

The Idaho Department of Water Resources (Department) acknowledges receipt of your application(s) to rent water from the Idaho Water Resource Board's Water Supply Bank (Bank) to irrigate 18.5 acres. Filing a Bank rental application does not automatically result in approval. Before a rental application can be approved, the rental request must be reviewed, a rental agreement must be prepared, the agreement must be approved by the applicant and the Department, and the rental fee must be paid. To maximize the number of rental applications processed while managing competing priorities, the Department begins accepting rental applications on November 1 for use in the next calendar year, and it processes as many applications as it can before the start of the irrigation season in March or April. Once the irrigation season begins, Department staff members are reassigned to address field work and other duties. Consequently, few rental applications are processed after May 1.

Because your application was received near the beginning of the irrigation season, which is now well underway, it is unlikely the Department will be able to process your application in time for approval in 2016 unless you have proposed a start date late in the year. If your application was for 2016 only and the latest possible start date on your application has passed, the application may be returned to you. If your application requests a rental for more than one year, the rental application may be retained by the Department and evaluated for 2017.

In future years, we encourage you to file your rental applications as soon as possible after November 1 to improve the chances that they will be processed.

Additional information about the Bank may be found on the Department's website at <http://idwr.idaho.gov/water-supply-bank/>.

If you have questions regarding this matter, please contact me at 287-4800.

Sincerely,

Water Supply Bank

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

MAY 06 2016

DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKApplicant Name: South Interchange Properties, LLC

Is this application being submitted with a lease application as a lease/rental package?

Yes ☐ No ☒

If yes, specify companion water rights in Section 4

This application must be completed according to the minimum requirement checklist below. This checklist is part of the rental application and must be included with the rental application. Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.

Rental applications should be submitted well in advance of the desired start date for the use of rental water. Rental applications may be processed as early as November 1 of the year prior to the intended use of rental water. Any rental application received on or before November 1 for use in the next year will be assigned a received date of November 1. Rental applications submitted more than one year in advance of the proposed start date for the use of rental water will not be accepted and will be returned to applicants. Rental applications may be returned to applicants if the desired start date for the use of rental water cannot be accommodated by the Water Supply Bank. Rental requests will not be accepted once the rental season of use period has concluded.

One rental application per beneficial use of water. For multiple beneficial uses of water, separate rental requests should be submitted for each unique beneficial use of water. One rental application can be submitted if you propose to rent water from multiple sources.

For additional instructions on completing a rental application, visit the Bank's website at http://idwr.idaho.gov/water_supply_bank.

MINIMUM REQUIREMENT CHECKLIST

Check All Items as Either Attached (Yes) or Not Applicable (N/A)

Yes

- ☒ Completed *Application to Rent Water from the Board's Water Supply Bank*
- ☒ Confirmation that this form has been printed single sided, per requirement of the Water Supply Bank

Attachment N/A Yes

- | | | |
|----|-------------------------------------|--|
| 2 | ☒ | A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request |
| 3A | ☐ | ☒ Detailed information on a proposed use of rental water |
| 3F | ☒ | ☐ Authorization from the owner/operator of the rental point(s) of diversion |
| 3H | ☐ | ☒ Water modeling to account for the impacts of the rental request |
| 3J | ☒ | ☐ Documents justifying a rate of flow greater than 0.02 cfs/acre |
| 3K | ☒ | ☐ Authorization from the owner/operator of the property at the proposed rental place(s) of use |
| 4B | ☒ | ☐ Explanation of how the rental water will sufficiently accomplish your rental purposes |
| 4C | ☐ | ☒ Explanation of consumptive use amounts for water rights experiencing a change in nature of use |

Department Use Only – Proposed Water Right(s)

**STATE OF IDAHO
WATER RESOURCE BOARD**

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant South Interchange Properties, LLC

Mailing Address c/o Luke Marchant, Holden, Kidwell, Hahn & Crapo, P.L.L.C., PO Box 50130, Idaho Falls, ID 83405

Street City State Zip Code

Email Address lmarchant@holdenlegal.com Phone Number (208) 523-0620

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☒ No ☐
If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

Representative Luke H. Marchant Professional Title Attorney

Organization Holden, Kidwell, Hahn & Crapo, P.L.L.C. Relationship to Applicant Attorney

Mailing Address PO Box 50130, Idaho Falls, ID 83405

Email Address lmarchant@holdenlegal.com Phone Number (208) 523-0620

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. Make sure the rental place of use is outlined and annotated with legal land descriptions (Township, Range, Section and Quarter-Quarters) or with GPS coordinates. For irrigation purposes, mark the number of acres you desire to irrigate. Attach the map to this application and label it **Attachment 2**.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

A. Describe why you desire to rent water and provide a detailed description of your proposed use. If the proposed use is not for irrigation, describe in detail how you determined the amount of rental water required. If the space below is insufficient, attach additional sheets as required and label them **Attachment 3A**:

This rental is for 18.5 acres of irrigation. The application proposes to rent 0.37 cfs and 67.9-68.9 acre-feet of water. Water will be diverted from an existing well located on the property.

B. Enter the desired and/or minimum rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Desired Acres (if applicable)
0.37 CFS	74 AF	0.37 CFS	65 AF	18.5 AC

* Sometimes water rights provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.

C. This section must be completed in full. Enter the proposed start date and latest possible start date for using rental water as well as the number of years you would like to rent water. The latest possible start is the latest possible date by which you would be willing to pay for a rental and be able to benefit from utilizing rental water.

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
05/15/2016	07/01/2016	☒ 1	☒ 2	☒ 3	☐ 4	☐ 5	☒ Process application as soon as possible	☐ Return application to applicant

* The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.

** Per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right. Water Supply Bank rental applicants are not authorized to utilize rental water prior to the execution of an approved rental agreement. Rental requests may be returned to applicants if no water is available from the Bank to fulfill a rental request.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

- D. Describe your water distribution system and how rental water will be delivered from the point(s) of diversion (POD) to the proposed place of use (POU):

Water will be diverted from an existing well located on the property into a piped, pressurized system.

- E. Describe the physical type (pump, headgate, etc.) and location of the POD from which rental water is proposed to be diverted:

POD Description	Water Source	Other Water Rights Diverted from this POD
Well	Ground water	35-13537 & 35-13975

If the POD(s) above are located where water is turned into a canal, lateral or ditch, or if they are located on your property but are serviced by water that is delivered via a canal, lateral or ditch, your rental request must include documented authorization from all relevant canal companies, irrigation districts and/or water delivery entities, confirming that they consent to your diversion of water from their system.

- F. Has documented consent from all relevant water delivery entities been obtained? Yes ☐ N/A ☒
If yes, include documented consent as Attachment 3F.

- G. Do any POD(s) identified in Question 3E divert from a water source that may require water modeling? Yes ☒ No ☐
Refer to the Water Modeling Requirements Information Sheet to determine if a rental POD may require water modeling.

- H. Has water modeling been provided with your rental request? Yes ☒ N/A ☐
If yes, label modeling Attachment 3 H.
Rental applications that require modeling will be returned if modeling is not provided.

- I. Specify the desired beneficial use of water and the requested season of use or number of acres required:

- ☒ Irrigation 18.5 (number of acres) Duration: Subject to IDWR standard seasons of use
- ☐ Commercial from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Stockwater from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Industrial from: _____ (mm/dd) to: _____ (mm/dd)
- ☐ Other: _____ from: _____ (mm/dd) to: _____ (mm/dd)

- J. For irrigation uses, do you propose to divert water at a rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☒
If yes, justify the rate of flow and attach any supporting documents as Attachment 3J. Justification may include information on soil composition, conveyance losses, crop type, irrigation systems, public access areas, etc. A rate of 0.03 cfs/acre is permissible for irrigation of 5 acres or less.

- K. Do you own the land at the proposed rental place of use (POU)? Yes ☒ No ☐
If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it Attachment 3K.

- L. List all other water rights and sources of water at the rental place of use for the same purpose, including privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company or any other water delivery entity. Explain why additional water is required:

The place of use is covered by multiple water rights from the New Sweden Irrigation District; however this water can not be diverted and used at the place of use.

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights?

Yes ☒ No ☐

If yes, specify below the elements of the water rights you are requesting to rent. If no, continue to Question 4B.

Important Information: Diversion rates and volumes sought for rent must be proportionate to the per acre diversion rates and per acre volume limits of the water right under lease contract to the Water Supply Bank. Prior to completing this section, applicants should review all water right lease contracts and any active rental agreements to determine which elements of a water right are available to satisfy a rental request. Lease and rental documents are searchable via [IDWR's website](#).

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany this rental request. Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request. For leased rights featuring combined limits, rentals must be consistent with combined diversion rate, volume or acre limits. Combined limits should be listed on a row below water right numbers.

Water Right Elements Leased to Water Supply Bank					Leased totals, minus active rental agreements, available for rent	Water Supply Bank Rental Request		
Water Right Number (leave blank if sub-total of combined limits)	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)
See Attached Sheet								
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank					TOTAL			
						CFS	AF	AC

**Attach multiple copies of this page if space above is insufficient to list all water rights requested to be rented on this application.*

B. If water right conditions, combined limits, or the sum of all water right elements being requested provide an unconventional duty of water (e.g., an unusually low rate per acre or volume per acre for irrigation use), explain how your proposed rental will sufficiently accomplish your intended purposes. Attach a separate page if space is insufficient and label it **Attachment 4B**:

C. Does your rental request propose to change the nature of use for any water right(s) being rented?

Yes ☒ No ☐

If yes, explain how the water right(s) will be converted to new uses. Include the historic, consumptive use amounts for the water right being rented if you have it, as well as the new consumptive use amount for your proposed beneficial use. If space below is insufficient, attach a separate page and label it **Attachment 4C**:

Water Right No. 35-2927 is an industrial water right. See attached memo from Cheri Palmer dated 09/22/2014 regarding the historic use of the water right. Consumptive use amounts will not change under the proposed use.

Application to Rent Water, PART 4A

Water Right Elements Leased to Water Supply Bank					Leased totals, minus water right elements involved in active rental agreements equal water right elements available for rent	Water Supply Bank Rental Request			
Water Right Number	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)	
35-2927	Industrial	1.11	241	60.3		0.13 (2016), 0.15 (2017), 0.17 (2018)	26.4 (2016), 30.4 (2017), 34.4 (2018)	6.6 (2016), 7.6 (2017), 8.6 (2018)	
25-14303	Irrigation	0.02	3.1	0.9		0.02	3.1	0.9	
25-14305		0.02	3.5	1		0.02	3.5	1	
25-14307		0.02	3.5	1		0.02	3.5	1	
25-14308		0.02	3.5	1		0.02	3.5	1	
25-14310		0.02	3.1	0.9		0.02	3.1	0.9	
25-14312		0.02	3.8	1.1		0.02	3.8	1.1	
25-14314		0.02	3.5	1		0.02	3.5	1	
25-14315		0.02	3.5	1		0.02	3.5	1	
25-14316		0.02	3.5	1		0.02	3.5	1	
25-14319		0.02	3.5	1		0.02	3.5	1	
25-14278		0.02	3.5	1		0.02 (2016-2017)	3.5 (2016-2017)	1 (2016-2017)	
25-14309		0.02	3.5	1		0.02 (2016 only)	3.5 (2016 only)	1 (2016 only)	
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank						TOTAL	0.37	67.9 (2016), 68.4 (2017), 68.9 (2018)	18.5
							CFS	AF	AC

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

- A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☐ No ☒

If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:

The Applicant rented water for the same purposes in 2014 and 2015. The water is used for irrigation of landscaping at a new office building. The Applicant has been looking for water to purchase for over two and half years since it began construction of the building, but has been unsuccessful.

- B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☒ No ☐

If yes, describe:

If the Applicant is able to find available water to purchase, it will be necessary to submit an application for transfer to move the water to the Applicant's place of use.

- C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☒

If yes, describe the date and location of the NOV.

- D. Additional Information

DECLARATION

I hereby assert that 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. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws. I understand that the submission of a rental application provides no guarantee for approval of a rental agreement. I also understand that, per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right and that I am not authorized to utilize water as proposed in this application prior to the execution of an approved rental agreement.

Signature of Applicant



Signature of Representative

Printed Name of Applicant

Luke H. Marchant, Attorney

Printed Name of Representative

Date

05/02/2016

Date

Mail to:

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098

ATTACHMENT 2

GIS Map

SOUTH INTERCHANGE, LLC WATER BANK RENTAL



Legend

- Proposed POD
- ▨ Proposed POU
- ▬ Section Lines
- ▬ Quarter Quarters

2015 NAIP Photo



Prepared by:
Luke H. Marchant
05/02/2015

ATTACHMENT 3H
Analysis of Water Rights

Total Acres Required 18.5

Owner	WR No.	WSB Expiration	AC-FT Available	Rental Information				Modeling Information			
				2016 Rental		2017 Rental		2018 Rental		Consumptive Use (ac-ft)	2016 Model Data Entry (ac-ft/yr)
				Ac-Ft	Acres	Ac-Ft	Acres	Ac-Ft	Acres		
25-14303	2019	3.1	0.9	3.1	0.9	3.1	0.9	3.1	0.9	2.7	0.9
25-14305	2019	3.5	1.0	3.5	1.0	3.5	1.0	3.5	1.0	3.0	1.0
25-14307	2019	3.5	1.0	3.5	1.0	3.5	1.0	3.5	1.0	3.0	1.0
25-14308	2019	3.5	1.0	3.5	1.0	3.5	1.0	3.5	1.0	3.0	1.0
25-14310	2019	3.1	0.9	3.1	0.9	3.1	0.9	3.1	0.9	2.7	0.9
Various owners within Quail Ridge	25-14312	3.8	1.1	3.8	1.1	3.8	1.1	3.8	1.1	3.3	1.1
25-14314	2019	3.5	1.0	3.5	1.0	3.5	1.0	3.5	1.0	3.0	1.0
25-14315	2019	3.5	1.0	3.5	1.0	3.5	1.0	3.5	1.0	3.0	1.0
25-14316	2019	3.5	1.0	3.5	1.0	3.5	1.0	3.5	1.0	3.0	1.0
25-14319	2019	3.5	1.0	3.5	1.0	3.5	1.0	3.5	1.0	3.0	1.0
25-14278	2017	3.5	1.0	3.5	1.0	3.5	1.0	0.0	0.0	3.0	1.0
25-14309	2016	3.5	1.0	3.5	1.0	0.0	0.0	0.0	0.0	3.0	0.0
TOTALS		41.5	11.9	41.5	11.9	38.0	10.9	34.5	9.9	11.9	10.9
Rhodehouse**	35-2924	2019	241	60.3	26.4	30.4	7.6	34.4	8.6	3.0 ac-ft/acre	6.6
GRAND TOTALS				67.9	18.5	68.4	18.5	68.9	18.5	18.5	18.5

*The Quail Ridge water rights have not been used since they were decreed in 2005 and were modeled accordingly.

**The Rhodehouse right has been in the Water Bank since 2009. In 2014, 197.6 ac-ft were rented. Other than that rental, the right has not been used since 2009. It was modeled assuming no use from 2009-2013, 49.4 ac-ft/yr of consumptive use in 2014, and full use from 2016 forward (a portion used for this rental and assuming the remaining amount could be rented elsewhere).

ATTACHMENT 3H.1
Water Modeling – Data Entry

ENHANCED GROUND-WATER RIGHTS TRANSFER

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPARTMENT OF AGRICULTURE

Cells this color are set up for user entries

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

YEAR
SEASON

1965

SUMMER

TRANSFER NO:

TRANSFER NAME

South Interchange

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	74	61	77	
COLUMN	154	164	165	

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SUM 1965	0	60	60	12	12	0	0
WIN 1965	0	60	60	12	12	0	0
SPR 1966	0	60	60	12	12	0	0
SUM 1966	0	60	60	12	12	0	0
WIN 1966	0	60	60	12	12	0	0
SPR 1967	0	60	60	12	12	0	0
SUM 1967	0	60	60	12	12	0	0
WIN 1967	0	60	60	12	12	0	0
SPR 1968	0	60	60	12	12	0	0
SUM 1968	0	60	60	12	12	0	0
WIN 1968	0	60	60	12	12	0	0
SPR 1969	0	60	60	12	12	0	0
SUM 1969	0	60	60	12	12	0	0
WIN 1969	0	60	60	12	12	0	0
SPR 1970	0	60	60	12	12	0	0
SUM 1970	0	60	60	12	12	0	0
WIN 1970	0	60	60	12	12	0	0
SPR 1971	0	60	60	12	12	0	0
SUM 1971	0	60	60	12	12	0	0
WIN 1971	0	60	60	12	12	0	0
SPR 1972	0	60	60	12	12	0	0
SUM 1972	0	60	60	12	12	0	0
WIN 1972	0	60	60	12	12	0	0
SPR 1973	0	60	60	12	12	0	0
SUM 1973	0	60	60	12	12	0	0
WIN 1973	0	60	60	12	12	0	0
SPR 1974	0	60	60	12	12	0	0
SUM 1974	0	60	60	12	12	0	0
WIN 1974	0	60	60	12	12	0	0
SPR 1975	0	60	60	12	12	0	0
SUM 1975	0	60	60	12	12	0	0
WIN 1975	0	60	60	12	12	0	0
SPR 1976	0	60	60	12	12	0	0
SUM 1976	0	60	60	12	12	0	0
WIN 1976	0	60	60	12	12	0	0
SPR 1977	0	60	60	12	12	0	0
SUM 1977	0	60	60	12	12	0	0
WIN 1977	0	60	60	12	12	0	0
SPR 1978	0	60	60	12	12	0	0

SUM 1978	0	60	60	12	12	0	0
WIN 1978	0	60	60	12	12	0	0
SPR 1979	0	60	60	12	12	0	0
SUM 1979	0	60	60	12	12	0	0
WIN 1979	0	60	60	12	12	0	0
SPR 1980	0	60	60	12	12	0	0
SUM 1980	0	60	60	12	12	0	0
WIN 1980	0	60	60	12	12	0	0
SPR 1981	0	60	60	12	12	0	0
SUM 1981	0	60	60	12	12	0	0
WIN 1981	0	60	60	12	12	0	0
SPR 1982	0	60	60	12	12	0	0
SUM 1982	0	60	60	12	12	0	0
WIN 1982	0	60	60	12	12	0	0
SPR 1983	0	60	60	12	12	0	0
SUM 1983	0	60	60	12	12	0	0
WIN 1983	0	60	60	12	12	0	0
SPR 1984	0	60	60	12	12	0	0
SUM 1984	0	60	60	12	12	0	0
WIN 1984	0	60	60	12	12	0	0
SPR 1985	0	60	60	12	12	0	0
SUM 1985	0	60	60	12	12	0	0
WIN 1985	0	60	60	12	12	0	0
SPR 1986	0	60	60	12	12	0	0
SUM 1986	0	60	60	12	12	0	0
WIN 1986	0	60	60	12	12	0	0
SPR 1987	0	60	60	12	12	0	0
SUM 1987	0	60	60	12	12	0	0
WIN 1987	0	60	60	12	12	0	0
SPR 1988	0	60	60	12	12	0	0
SUM 1988	0	60	60	12	12	0	0
WIN 1988	0	60	60	12	12	0	0
SPR 1989	0	60	60	12	12	0	0
SUM 1989	0	60	60	12	12	0	0
WIN 1989	0	60	60	12	12	0	0
SPR 1990	0	60	60	12	12	0	0
SUM 1990	0	60	60	12	12	0	0
WIN 1990	0	60	60	12	12	0	0
SPR 1991	0	60	60	12	12	0	0
SUM 1991	0	60	60	12	12	0	0
WIN 1991	0	60	60	12	12	0	0
SPR 1992	0	60	60	12	12	0	0
SUM 1992	0	60	60	12	12	0	0
WIN 1992	0	60	60	12	12	0	0
SPR 1993	0	60	60	12	12	0	0
SUM 1993	0	60	60	12	12	0	0
WIN 1993	0	60	60	12	12	0	0
SPR 1994	0	60	60	12	12	0	0
SUM 1994	0	60	60	12	12	0	0
WIN 1994	0	60	60	12	12	0	0
SPR 1995	0	60	60	12	12	0	0
SUM 1995	0	60	60	12	12	0	0
WIN 1995	0	60	60	12	12	0	0
SPR 1996	0	60	60	12	12	0	0
SUM 1996	0	60	60	12	12	0	0
WIN 1996	0	60	60	12	12	0	0
SPR 1997	0	60	60	12	12	0	0
SUM 1997	0	60	60	12	12	0	0
WIN 1997	0	60	60	12	12	0	0
SPR 1998	0	60	60	12	12	0	0
SUM 1998	0	60	60	12	12	0	0
WIN 1998	0	60	60	12	12	0	0
SPR 1999	0	60	60	12	12	0	0
SUM 1999	0	60	60	12	12	0	0
WIN 1999	0	60	60	12	12	0	0
SPR 2000	0	60	60	12	12	0	0
SUM 2000	0	60	60	12	12	0	0
WIN 2000	0	60	60	12	12	0	0
SPR 2001	0	60	60	12	12	0	0
SUM 2001	0	60	60	12	12	0	0
WIN 2001	0	60	60	12	12	0	0

SPR 2002	0	60	60	12	12	0	0
SUM 2002	0	60	60	12	12	0	0
WIN 2002	0	60	60	12	12	0	0
SPR 2003	0	60	60	12	12	0	0
SUM 2003	0	60	60	12	12	0	0
WIN 2003	0	60	60	12	12	0	0
SPR 2004	0	60	60	12	12	0	0
SUM 2004	0	60	60	12	12	0	0
WIN 2004	0	60	60	12	12	0	0
SPR 2005	0	60	60	0	12	0	0
SUM 2005	0	60	60	0	12	0	0
WIN 2005	0	60	60	0	12	0	0
SPR 2006	0	60	60	0	12	0	0
SUM 2006	0	60	60	0	12	0	0
WIN 2006	0	60	60	0	12	0	0
SPR 2007	0	60	60	0	12	0	0
SUM 2007	0	60	60	0	12	0	0
WIN 2007	0	60	60	0	12	0	0
SPR 2008	0	60	60	0	12	0	0
SUM 2008	0	60	60	0	12	0	0
WIN 2008	0	60	60	0	12	0	0
SPR 2009	0	0	60	0	12	0	0
SUM 2009	0	0	60	0	12	0	0
WIN 2009	0	0	60	0	12	0	0
SPR 2010	0	0	60	0	12	0	0
SUM 2010	0	0	60	0	12	0	0
WIN 2010	0	0	60	0	12	0	0
SPR 2011	0	0	60	0	12	0	0
SUM 2011	0	0	60	0	12	0	0
WIN 2011	0	0	60	0	12	0	0
SPR 2012	0	0	60	0	12	0	0
SUM 2012	0	0	60	0	12	0	0
WIN 2012	0	0	60	0	12	0	0
SPR 2013	0	0	60	0	12	0	0
SUM 2013	0	0	60	0	12	0	0
WIN 2013	0	0	60	0	12	0	0
SPR 2014	0	49	60	0	12	0	0
SUM 2014	0	49	60	0	12	0	0
WIN 2014	0	49	60	0	12	0	0
SPR 2015	0	0	60	0	12	0	0
SUM 2015	0	0	60	0	12	0	0
WIN 2015	0	0	60	0	12	0	0
SPR 2016	19	54	60	0	12	0	0
SUM 2016	19	54	60	0	12	0	0
WIN 2016	19	54	60	0	12	0	0
SPR 2017	19	53	60	1	12	0	0
SUM 2017	19	53	60	1	12	0	0
WIN 2017	19	53	60	1	12	0	0
SPR 2018	19	52	60	2	12	0	0
SUM 2018	19	52	60	2	12	0	0
WIN 2018	19	52	60	2	12	0	0
SPR 2019	0	60	60	12	12	0	0
SUM 2019	0	60	60	12	12	0	0
WIN 2019	0	60	60	12	12	0	0
SPR 2020	0	60	60	12	12	0	0
SUM 2020	0	60	60	12	12	0	0
WIN 2020	0	60	60	12	12	0	0
SPR 2021	0	60	60	12	12	0	0
SUM 2021	0	60	60	12	12	0	0
WIN 2021	0	60	60	12	12	0	0
SPR 2022	0	60	60	12	12	0	0
SUM 2022	0	60	60	12	12	0	0
WIN 2022	0	60	60	12	12	0	0
SPR 2023	0	60	60	12	12	0	0
SUM 2023	0	60	60	12	12	0	0
WIN 2023	0	60	60	12	12	0	0
SPR 2024	0	60	60	12	12	0	0
SUM 2024	0	60	60	12	12	0	0
WIN 2024	0	60	60	12	12	0	0
SPR 2025	0	60	60	12	12	0	0
SUM 2025	0	60	60	12	12	0	0
WIN 2025	0	60	60	12	12	0	0

SPR 2026	0	60	60	12	12	0	0
SUM 2026	0	60	60	12	12	0	0
WIN 2026	0	60	60	12	12	0	0
SPR 2027	0	60	60	12	12	0	0
SUM 2027	0	60	60	12	12	0	0
WIN 2027	0	60	60	12	12	0	0
SPR 2028	0	60	60	12	12	0	0
SUM 2028	0	60	60	12	12	0	0
WIN 2028	0	60	60	12	12	0	0
SPR 2029	0	60	60	12	12	0	0
SUM 2029	0	60	60	12	12	0	0
WIN 2029	0	60	60	12	12	0	0
SPR 2030	0	60	60	12	12	0	0
SUM 2030	0	60	60	12	12	0	0
WIN 2030	0	60	60	12	12	0	0
SPR 2031	0	60	60	12	12	0	0
SUM 2031	0	60	60	12	12	0	0
WIN 2031	0	60	60	12	12	0	0
SPR 2032	0	60	60	12	12	0	0
SUM 2032	0	60	60	12	12	0	0
WIN 2032	0	60	60	12	12	0	0
SPR 2033	0	60	60	12	12	0	0
SUM 2033	0	60	60	12	12	0	0
WIN 2033	0	60	60	12	12	0	0
SPR 2034	0	60	60	12	12	0	0
SUM 2034	0	60	60	12	12	0	0
WIN 2034	0	60	60	12	12	0	0
SPR 2035	0	60	60	12	12	0	0
SUM 2035	0	60	60	12	12	0	0
WIN 2035	0	60	60	12	12	0	0
SPR 2036	0	60	60	12	12	0	0
SUM 2036	0	60	60	12	12	0	0
WIN 2036	0	60	60	12	12	0	0
SPR 2037	0	60	60	12	12	0	0
SUM 2037	0	60	60	12	12	0	0
WIN 2037	0	60	60	12	12	0	0
SPR 2038	0	60	60	12	12	0	0
SUM 2038	0	60	60	12	12	0	0
WIN 2038	0	60	60	12	12	0	0
SPR 2039	0	60	60	12	12	0	0
SUM 2039	0	60	60	12	12	0	0
WIN 2039	0	60	60	12	12	0	0
SPR 2040	0	60	60	12	12	0	0
SUM 2040	0	60	60	12	12	0	0
WIN 2040	0	60	60	12	12	0	0
SPR 2041	0	60	60	12	12	0	0
SUM 2041	0	60	60	12	12	0	0
WIN 2041	0	60	60	12	12	0	0
SPR 2042	0	60	60	12	12	0	0
SUM 2042	0	60	60	12	12	0	0
WIN 2042	0	60	60	12	12	0	0
SPR 2043	0	60	60	12	12	0	0
SUM 2043	0	60	60	12	12	0	0
WIN 2043	0	60	60	12	12	0	0
SPR 2044	0	60	60	12	12	0	0
SUM 2044	0	60	60	12	12	0	0
WIN 2044	0	60	60	12	12	0	0
SPR 2045	0	60	60	12	12	0	0
SUM 2045	0	60	60	12	12	0	0
WIN 2045	0	60	60	12	12	0	0
SPR 2046	0	60	60	12	12	0	0
SUM 2046	0	60	60	12	12	0	0
WIN 2046	0	60	60	12	12	0	0
SPR 2047	0	60	60	12	12	0	0
SUM 2047	0	60	60	12	12	0	0
WIN 2047	0	60	60	12	12	0	0
SPR 2048	0	60	60	12	12	0	0
SUM 2048	0	60	60	12	12	0	0
WIN 2048	0	60	60	12	12	0	0
SPR 2049	0	60	60	12	12	0	0
SUM 2049	0	60	60	12	12	0	0
WIN 2049	0	60	60	12	12	0	0

SPR 2050	0	60	60	12	12	0	0
SUM 2050	0	60	60	12	12	0	0
WIN 2050	0	60	60	12	12	0	0
SPR 2051	0	60	60	12	12	0	0
SUM 2051	0	60	60	12	12	0	0
WIN 2051	0	60	60	12	12	0	0
SPR 2052	0	60	60	12	12	0	0
SUM 2052	0	60	60	12	12	0	0
WIN 2052	0	60	60	12	12	0	0
SPR 2053	0	60	60	12	12	0	0
SUM 2053	0	60	60	12	12	0	0
WIN 2053	0	60	60	12	12	0	0
SPR 2054	0	60	60	12	12	0	0
SUM 2054	0	60	60	12	12	0	0
WIN 2054	0	60	60	12	12	0	0
SPR 2055	0	60	60	12	12	0	0
SUM 2055	0	60	60	12	12	0	0
WIN 2055	0	60	60	12	12	0	0
SPR 2056	0	60	60	12	12	0	0
SUM 2056	0	60	60	12	12	0	0
WIN 2056	0	60	60	12	12	0	0
SPR 2057	0	60	60	12	12	0	0
SUM 2057	0	60	60	12	12	0	0
WIN 2057	0	60	60	12	12	0	0
SPR 2058	0	60	60	12	12	0	0
SUM 2058	0	60	60	12	12	0	0
WIN 2058	0	60	60	12	12	0	0
SPR 2059	0	60	60	12	12	0	0
SUM 2059	0	60	60	12	12	0	0
WIN 2059	0	60	60	12	12	0	0
SPR 2060	0	60	60	12	12	0	0
SUM 2060	0	60	60	12	12	0	0
WIN 2060	0	60	60	12	12	0	0
SPR 2061	0	60	60	12	12	0	0
SUM 2061	0	60	60	12	12	0	0
WIN 2061	0	60	60	12	12	0	0
SPR 2062	0	60	60	12	12	0	0
SUM 2062	0	60	60	12	12	0	0
WIN 2062	0	60	60	12	12	0	0
SPR 2063	0	60	60	12	12	0	0
SUM 2063	0	60	60	12	12	0	0
WIN 2063	0	60	60	12	12	0	0
SPR 2064	0	60	60	12	12	0	0
SUM 2064	0	60	60	12	12	0	0
WIN 2064	0	60	60	12	12	0	0
SPR 2065	0	60	60	12	12	0	0
SUM 2065	0	60	60	12	12	0	0
WIN 2065	0	60	60	12	12	0	0
SPR 2066	0	60	60	12	12	0	0
SUM 2066	0	60	60	12	12	0	0
WIN 2066	0	60	60	12	12	0	0
SPR 2067	0	60	60	12	12	0	0
SUM 2067	0	60	60	12	12	0	0
WIN 2067	0	60	60	12	12	0	0
SPR 2068	0	60	60	12	12	0	0
SUM 2068	0	60	60	12	12	0	0
WIN 2068	0	60	60	12	12	0	0
SPR 2069	0	60	60	12	12	0	0
SUM 2069	0	60	60	12	12	0	0
WIN 2069	0	60	60	12	12	0	0
SPR 2070	0	60	60	12	12	0	0
SUM 2070	0	60	60	12	12	0	0
WIN 2070	0	60	60	12	12	0	0
SPR 2071	0	60	60	12	12	0	0
SUM 2071	0	60	60	12	12	0	0
WIN 2071	0	60	60	12	12	0	0
SPR 2072	0	60	60	12	12	0	0
SUM 2072	0	60	60	12	12	0	0
WIN 2072	0	60	60	12	12	0	0
SPR 2073	0	60	60	12	12	0	0
SUM 2073	0	60	60	12	12	0	0
WIN 2073	0	60	60	12	12	0	0

SPR 2074	0	60	60	12	12	0	0
SUM 2074	0	60	60	12	12	0	0
WIN 2074	0	60	60	12	12	0	0
SPR 2075	0	60	60	12	12	0	0
SUM 2075	0	60	60	12	12	0	0
WIN 2075	0	60	60	12	12	0	0
SPR 2076	0	60	60	12	12	0	0
SUM 2076	0	60	60	12	12	0	0
WIN 2076	0	60	60	12	12	0	0
SPR 2077	0	60	60	12	12	0	0
SUM 2077	0	60	60	12	12	0	0
WIN 2077	0	60	60	12	12	0	0
SPR 2078	0	60	60	12	12	0	0
SUM 2078	0	60	60	12	12	0	0
WIN 2078	0	60	60	12	12	0	0
SPR 2079	0	60	60	12	12	0	0
SUM 2079	0	60	60	12	12	0	0
WIN 2079	0	60	60	12	12	0	0
SPR 2080	0	60	60	12	12	0	0
SUM 2080	0	60	60	12	12	0	0
WIN 2080	0	60	60	12	12	0	0
SPR 2081	0	60	60	12	12	0	0
SUM 2081	0	60	60	12	12	0	0
WIN 2081	0	60	60	12	12	0	0
SPR 2082	0	60	60	12	12	0	0
SUM 2082	0	60	60	12	12	0	0
WIN 2082	0	60	60	12	12	0	0
SPR 2083	0	60	60	12	12	0	0
SUM 2083	0	60	60	12	12	0	0
WIN 2083	0	60	60	12	12	0	0
SPR 2084	0	60	60	12	12	0	0
SUM 2084	0	60	60	12	12	0	0
WIN 2084	0	60	60	12	12	0	0
SPR 2085	0	60	60	12	12	0	0
SUM 2085	0	60	60	12	12	0	0
WIN 2085	0	60	60	12	12	0	0
SPR 2086	0	60	60	12	12	0	0
SUM 2086	0	60	60	12	12	0	0
WIN 2086	0	60	60	12	12	0	0
SPR 2087	0	60	60	12	12	0	0
SUM 2087	0	60	60	12	12	0	0
WIN 2087	0	60	60	12	12	0	0
SPR 2088	0	60	60	12	12	0	0
SUM 2088	0	60	60	12	12	0	0
WIN 2088	0	60	60	12	12	0	0
SPR 2089	0	60	60	12	12	0	0
SUM 2089	0	60	60	12	12	0	0
WIN 2089	0	60	60	12	12	0	0
SPR 2090	0	60	60	12	12	0	0
SUM 2090	0	60	60	12	12	0	0
WIN 2090	0	60	60	12	12	0	0
SPR 2091	0	60	60	12	12	0	0
SUM 2091	0	60	60	12	12	0	0
WIN 2091	0	60	60	12	12	0	0
SPR 2092	0	60	60	12	12	0	0
SUM 2092	0	60	60	12	12	0	0
WIN 2092	0	60	60	12	12	0	0
SPR 2093	0	60	60	12	12	0	0
SUM 2093	0	60	60	12	12	0	0
WIN 2093	0	60	60	12	12	0	0
SPR 2094	0	60	60	12	12	0	0
SUM 2094	0	60	60	12	12	0	0
WIN 2094	0	60	60	12	12	0	0
SPR 2095	0	60	60	12	12	0	0
SUM 2095	0	60	60	12	12	0	0
WIN 2095	0	60	60	12	12	0	0
SPR 2096	0	60	60	12	12	0	0
SUM 2096	0	60	60	12	12	0	0
WIN 2096	0	60	60	12	12	0	0
SPR 2097	0	60	60	12	12	0	0
SUM 2097	0	60	60	12	12	0	0
WIN 2097	0	60	60	12	12	0	0

SPR 2098	0	60	60	12	12	0	0
SUM 2098	0	60	60	12	12	0	0
WIN 2098	0	60	60	12	12	0	0
SPR 2099	0	60	60	12	12	0	0
SUM 2099	0	60	60	12	12	0	0
WIN 2099	0	60	60	12	12	0	0
SPR 2100	0	60	60	12	12	0	0
SUM 2100	0	60	60	12	12	0	0
WIN 2100	0	60	60	12	12	0	0
SPR 2101	0	60	60	12	12	0	0
SUM 2101	0	60	60	12	12	0	0
WIN 2101	0	60	60	12	12	0	0
SPR 2102	0	60	60	12	12	0	0
SUM 2102	0	60	60	12	12	0	0
WIN 2102	0	60	60	12	12	0	0
SPR 2103	0	60	60	12	12	0	0
SUM 2103	0	60	60	12	12	0	0
WIN 2103	0	60	60	12	12	0	0
SPR 2104	0	60	60	12	12	0	0
SUM 2104	0	60	60	12	12	0	0
WIN 2104	0	60	60	12	12	0	0
SPR 2105	0	60	60	12	12	0	0
SUM 2105	0	60	60	12	12	0	0
WIN 2105	0	60	60	12	12	0	0
SPR 2106	0	60	60	12	12	0	0
SUM 2106	0	60	60	12	12	0	0
WIN 2106	0	60	60	12	12	0	0
SPR 2107	0	60	60	12	12	0	0
SUM 2107	0	60	60	12	12	0	0
WIN 2107	0	60	60	12	12	0	0
SPR 2108	0	60	60	12	12	0	0
SUM 2108	0	60	60	12	12	0	0
WIN 2108	0	60	60	12	12	0	0
SPR 2109	0	60	60	12	12	0	0
SUM 2109	0	60	60	12	12	0	0
WIN 2109	0	60	60	12	12	0	0
SPR 2110	0	60	60	12	12	0	0
SUM 2110	0	60	60	12	12	0	0
WIN 2110	0	60	60	12	12	0	0
SPR 2111	0	60	60	12	12	0	0
SUM 2111	0	60	60	12	12	0	0
WIN 2111	0	60	60	12	12	0	0
SPR 2112	0	60	60	12	12	0	0
SUM 2112	0	60	60	12	12	0	0
WIN 2112	0	60	60	12	12	0	0
SPR 2113	0	60	60	12	12	0	0
SUM 2113	0	60	60	12	12	0	0
WIN 2113	0	60	60	12	12	0	0
SPR 2114	0	60	60	12	12	0	0
SUM 2114	0	60	60	12	12	0	0
WIN 2114	0	60	60	12	12	0	0
SPR 2115	0	60	60	12	12	0	0

ATTACHMENT 3H.2
Water Modeling – Calculated
Effects

Enter First Time Step of Transfer: SPA 2016

Watch 153

Match: 456

	ARR	HRS	SHRB	MBRN	MM	DWNB	BRTS	TS	TSMI	M	MBB
Preexisting Effects @ SS (Last Time Step)	0.51	01.53	3.46	6.16	0.04	0.12	0.13	0.06	0.04	0.03	0.00
Steady State - Value of Dep. @ Last Time Step	0.51	01.53	3.46	6.16	0.04	0.11	0.13	0.06	0.04	0.03	0.00
											Total
											72.17
											Total Effects without Transfer - Last Time Step
											72.17
											Total Effects with Transfer - Last Time Step
											75.09
Preexisting Effects @ Transient State (Max Value Timestep)	0.51	01.53	3.46	6.16	0.04	0.12	0.13	0.06	0.04	0.03	0.00
Transient State - Max. Value of Dep. After Transfer	0.51	01.53	4.50	8.04	0.04	0.11	0.13	0.06	0.04	0.03	0.00
											Total
											72.17
											Total Effects without Transfer - Correlates to Max Value from Total Effects with Transfer
											75.09
											Total Effects with Transfer - Max Value from Start of Transfer to Last Time Step

ATTACHMENT 3H.3
Water Modeling – Mitigation
Analysis

Enter Information for Transfer Here

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
Transfer 7: Input Water Right Conditions Prior to Transfer							
Multiple	0.37		18.5	Multiple	Multiple		61,164;77,165
Transfer 7: Input Water Right Conditions Following Transfer							
Multiple	0.37	0	18.5	Multiple	Multiple	0	0.0 74,154

Impact by Reach (AFT/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickit	Nr Bickit to Neeley	Neeley to Mindoka	Dev. Wbl. To Burt	Burt to Kspr	Kspr to Kspr	Kspr to Malad	Malad to Malad	Malad to Bancroft
0.51	61.63	3.46	6.16	0.04	0.12	0.13	0.06	0.04	0.03	0.00
0.51	61.63	3.46	6.16	0.04	0.11	0.13	0.06	0.04	0.03	0.00
0.51	61.63	3.46	6.16	0.04	0.12	0.13	0.06	0.04	0.03	0.00
0.51	61.63	4.50	8.04	0.04	0.11	0.13	0.06	0.04	0.03	0.00

Steady State Analysis

Mitigation Check 1 - >10% of Historical:	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Mitigation Check 2: > 2 AFT:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	0.7%	85.4%	4.8%	8.5%	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical:	-0.1%	0.0%	30.0%	30.6%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Mitigation Check 2: > 2.01 AFT:	0.0	0.0	1.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	1.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0

ATTACHMENT 4C
Consumptive Use Change

MEMO

TO: 35-2924

FROM: Cherie Palmer

DATE: September 22, 2014

RE: WSB Leased Volume/Historic Use

The water right backfile contained some data regarding the historic use under this right. I have attached the pertinent information to this memo.

It appears that this right was used year round for dust control. The consumptiveness of those uses can be likened to irrigation; water trucks spray water onto a surface with a portion being lost to evaporation and the other portion seeping back into the ground.

For the purpose of renting this water right for irrigation uses please use the following proportions:

1.11 cfs

241.0 af

60.3 acres