

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 291

RECEIVED

APR 10 2019

DEPARTMENT OF
WATER RESOURCES

This is to certify that:

CORP OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
A UTAH CORP SOLEREAL ESTATE SERVICES
50 E N TEMPLE ST 12TH FL
SALT LAKE CITY , UT 84150

filed an application to rent water from the Water Supply Bank ("Bank"). The Idaho Water Resource Board ("Board"), being authorized to operate a Bank and to contract by and through the Director of the Idaho Department of Water Resources ("Director, Department") for rental of water from the Bank, agrees to rent water as follows:

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)
35-2924	7/21/1965	GROUND WATER	0.118	25.6	Not Stated
Rental Totals			0.118	25.6	Not Stated

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2019. Use of rental water shall be authorized as of either the date this rental agreement takes effect or the first day of the rental season of use, in 2019, whichever occurs last.

Annual Rental Fee:

2019: \$512.00

The full fee for the rental of the above-described right(s) is \$512.00 for 2019. The rental fee includes an administrative fee of \$51.20 for 2019.

An annual payment shall be received by the Department on or before December 31 each year preceding the use of the rented water rights. The agreement will be void if payment is not received by the due date in a given year. Rental fees are non-refundable. To voluntarily terminate the agreement early, notify the Department in writing prior to the rental fee due date.

Total Water Use Authorized Under Rental Agreement

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate/Acre (CFS/AC)	Volume/Acre (AF/AC)
IRRIGATION	0.12	25.6	6.4	0.018	4.0
Total	0.12	25.6	6.4	0.018	4.0

** The authorized water usage reflects a reduction from the water right elements rented, to account for a change in the nature of use from Industrial to Irrigation*

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 291

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

Matt Davidson

Signature of Renter

4/2/19

Date

Matt Davidson

Printed Name

Water Resource Mgr

Title

*Title required if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By

Brian Patton

BRIAN PATTON, Acting Administrator
Idaho Water Resource Board

Date

4/12/2019

Rental approved by IDWR

Cheryl Webb

Date

4-12-2019

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 291

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER SENW Sec. 33, Twp 05N, Rge 38E, JEFFERSON County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.12 CFS

VOLUME
25.6 AF

SEASON OF USE

Water Right No. **From** **To**
35-2924 4/1 11/1

RENTERS PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	38E	33								6.4									6.4

Total Acres: 6.4

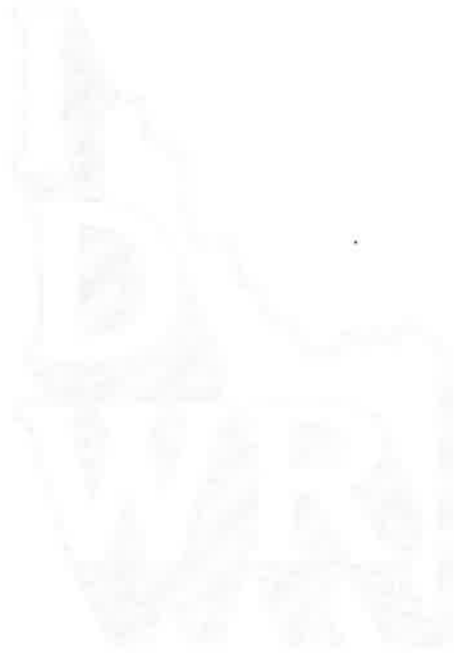
RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
5. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
7. Renter acknowledges and agrees that the Director may terminate authorization for the use of a water right based on a water right's priority date.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
9. Use of water under this agreement 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. 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.

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WATER SUPPLY BANK RENTAL AGREEMENT No. 291

11. This rental agreement does not authorize the construction of a well.



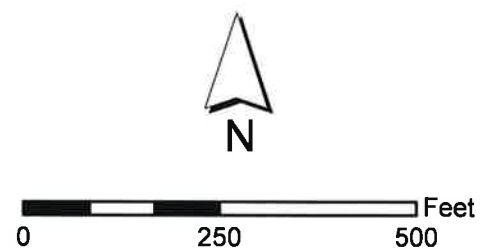
Idaho Water Resource Board
Attachment to Water Supply Bank Rental Agreement No. 291

Effective until December 31, 2019

This map depicts the **rental place of use** pursuant to the rental agreement and is attached to the agreement solely for illustrative purposes.



-  Authorized Rental Point of Diversion
-  Authorized Rental Place of Use
-  Township/Range
-  Sections
-  QQ



STATE OF IDAHO
WATER RESOURCE BOARDRECEIVED
OCT 15 2018
DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANK

Applicant Name: Corp of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints, Utah Corp. sole

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)

35-2924

1196

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

- A. Applicant Corp .of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints, A Utah Corp. sole
Mailing Address 50 East North Temple, 12th Floor Natural Resources, Salt Lake City, Utah 84150-0012
Street City State Zip Code
Email Address mpdavidson@ldschurch.org Phone Number 801-240-3263
- 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 Mathew Davidson Professional Title Water Resource Engineer
Organization LDS Church Relationship to Applicant Employee
Mailing Address 50 East North Temple, 12th floor Natural Resources, Salt Lake City, Utah 84150-0012
Email Address mpdavidson@ldschurch.org Phone Number 801-240-3263

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**:
The water is to be used to irrigate the park area associated with the church meeting house. This field is used by church members and city residents as a park and recreation area

- 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)
0.10 CFS	25.6 AF	.06 CFS	25.6 AF	6.4 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?	
4/1/19	4/1/19	☐ 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):

There are two existing wells located on the property that will be use to deliver the water to a sprinkler irrigation system that irrigates the property.

- 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
Groundwater well	Groundwater	25-4252

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 6.4 (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 existing water right is a domestic right and not sufficient to irrigate the adjacent property. It is used for the building and immediate surrounding ground. The grass field requires the rental water to irrigate it.

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 water right elements involved in active rental agreements, equals water right elements 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)
35-2924	Industrial	1.11	241			0.10	25.6	6.4
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	0.10	25.6	6.4
						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**:

Per Remington Buyer, IDWR has previously determined the consumptive use component of 35-2924.

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:

- 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:

The Church has been searching for either surface water or groundwater to use on this property. Rental will allow this search to continue until sufficient water to irrigate the land is found and developed.

- 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

Mathew Davidson

Printed Name of Representative

Date

10/12/18

Date

Mail to:

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

STATE OF IDAHO
WATER RESOURCE BOARD

Water Modeling Requirement Information Sheet

Information on water modeling requirements for rental requests within special administrative areas

Important information on requesting rental water within special administrative areas: Refer to the information below to determine whether the modeling of potential impacts from your rental request is necessary. Use Section 4 of the rental application to identify selected water rights. **If you submit an application to rent water from within a special administrative area and water modeling is required, your rental request will be returned if water modeling is not provided.**

Water modeling may be required when an application to rent water involves one of two scenarios:

Scenario 1: The rental request proposes to divert water from a regulated water source and/or within a special administrative area AND the distance between the rental point(s) of diversion (POD) and the POD(s) for the leased water right(s) is greater than the administratively established, acceptable distance.

Regulated water sources may areas include:

- A. Ground water resources within the modeled area of the Eastern Snake Plain Aquifer (ESPA) and tributary aquifers;
- B. Ground water within Ground Water Management Areas (GWMAs) or Critical Ground Water Areas (CGWAs);
- C. Water resources within other specified administrative areas, as established by the Idaho Water Resource Board (IWRB) or the Idaho Department of Water Resources.

The distance between any rental POD(s) and the POD(s) for a leased water right to be rented is important. On the ESPA, distance is measured in terms of model cells that cover an area of one square mile. Ground water modeling is not required if lease POD(s) and rental POD(s) are located within the same model cell or within adjacent model cells. If the lease and rental PODs are separated by more than one model cell groundwater modeling must be completed using the IDWR ESPA Transfer Tool and modeling results must be submitted with the rental application. ESPA modeling tools can be accessed and freely downloaded from IDWR's website by visiting: www.idwr.idaho.gov/WaterManagement/WaterRights/WaterRightTransfers/resources.htm.

Ground water modeling may be required within GWMAs, CGWAs or other regulated administrative areas. Applicants who desire to rent water within an established GWMA, CGWA or other regulated administrative area should consult IDWR's website before submitting their application to review the current status of administrative orders related to regulated administrative areas. Consult www.idwr.idaho.gov/WaterInformation/GroundWaterManagement/designated_areas.htm for information on GWMAs or CGWAs, visit <https://idwr.maps.arcgis.com/home/> to use mapping tools to find other regulated areas.

Applicants interested in renting water within a GWMA, CGWA or other regulated administrative areas should request water rights that have been leased into the Bank from within the same administrative area. Generally, the Bank will not permit a rental of water within a regulated administrative area if the leased water rights are not located within that same administrative area.

Scenario 2: A rental request proposes to divert water from a different but hydraulically connected water source.

Modeling situations may include:

- A. Rental requests that propose to divert surface water rights via ground water POD(s) (wells); and
- B. Rental requests that propose to divert ground water from one aquifer when the right being rented authorizes the diversion of ground water from a hydraulically connected, tributary aquifer.

Rental requests that propose to divert surface water rights from ground water points of diversion may be considered if ground water modeling establishes that the surface and ground water resources are directly and immediately hydraulically connected. An acceptable hydraulic connection occurs when at least 50 percent of the total depletions from a well are detectable from the original water source within a 24 hour period. The existing (leased) POD and proposed (rental) POD must be proximate such that diversion and use of water from the proposed POD would have substantially the same effect on the hydraulically-connected source as diversion and use of water from the original POD.

Requests to rent ground water across tributary aquifer sources may be considered if ground water modeling is provided to demonstrate that two aquifers are hydraulically connected and the anticipated impacts of diverting ground water from one source through the other is modeled accordingly.

For more information about rental application requirements, contact IDWR at (208) 287-4800.

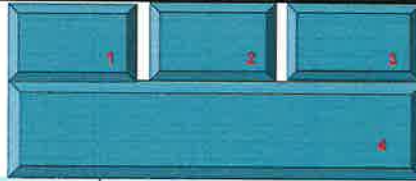
ENHANCED GROUND-WATER RIGHTS TRANSFER SPREADSHEET

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.
 YEAR 2019
 SEASON SPRING
 TRANSFER NO: Water Bank Rental
 TRANSFER NAME: Menan



ENTER CELL LOCATIONS:
 ROW 60
 COLUMN 170
 'TO' CELL
 'FROM1' CELL 61
 'FROM2' CELL 67
 'FROM3' CELL 45
 164
 172
 30

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 WELL		FROM3 WELL	
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 2019	9	0	9	0	0	0	0
SUM 2019	9	0	9	0	0	0	0
WIN 2019	9	0	9	0	0	0	0
SPR 2020	9	0	9	0	0	0	0
SUM 2020	9	0	9	0	0	0	0
WIN 2020	9	0	9	0	0	0	0
SPR 2021	9	0	9	0	0	0	0
SUM 2021	9	0	9	0	0	0	0
WIN 2021	9	0	9	0	0	0	0
SPR 2022	9	0	9	0	0	0	0
SUM 2022	9	0	9	0	0	0	0
WIN 2022	9	0	9	0	0	0	0
SPR 2023	9	0	9	0	0	0	0
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WIN 2025	9	0	9	0	0	0	0
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SPR 2027	9	0	9	0	0	0	0
SUM 2027	9	0	9	0	0	0	0
WIN 2027	9	0	9	0	0	0	0
SPR 2028	9	0	9	0	0	0	0
SUM 2028	9	0	9	0	0	0	0
WIN 2028	9	0	9	0	0	0	0
SPR 2029	9	0	9	0	0	0	0
SUM 2029	9	0	9	0	0	0	0
WIN 2029	9	0	9	0	0	0	0
SPR 2030	9	0	9	0	0	0	0
SUM 2030	9	0	9	0	0	0	0
WIN 2030	9	0	9	0	0	0	0
SPR 2031	9	0	9	0	0	0	0
SUM 2031	9	0	9	0	0	0	0
WIN 2031	9	0	9	0	0	0	0
SPR 2032	9	0	9	0	0	0	0
SUM 2032	9	0	9	0	0	0	0
WIN 2032	9	0	9	0	0	0	0
SPR 2033	9	0	9	0	0	0	0
SUM 2033	9	0	9	0	0	0	0
WIN 2033	9	0	9	0	0	0	0
SPR 2034	9	0	9	0	0	0	0

Entering Dates

Enter the starting year and season for your simulation. The starting date represents the beginning of the analysis period. (Spring is Mar, Apr, May and Jun.)

Summer is Jul, Aug, Sep and Oct. Winter is Nov, Dec, Jan and Feb.)

Once you have entered the starting date, push the "UPDATE DATE" Button.

The date only needs to be updated once, unless the desired timeframe of the simulation is changed. Modifying the date does not automatically adjust the location of the rates entered in the table.

Entering Well Locations

Enter the row and column location for the 'TO' well in spreadsheet cell B15 and B16, respectively.

Enter the row and column location for the 'FROM1' well in spreadsheet cell C15 and C16, respectively.

Enter the row and column location for the 'FROM2' well in spreadsheet cell D15 and D16, respectively.

Enter the row and column location for the 'FROM3' well in spreadsheet cell E15 and E16, respectively.

If the 'FROM2' well is not to be modeled, the entered row and column should be 0 or blank.

If the 'FROM3' well is not to be modeled, the entered row and column should be 0 (zero).

The 'FROM3' well cannot be used if the 'FROM2' well is not being used.

Running the Model

Once the model cells have been specified for the 'FROM' and 'TO' wells, push the 'RUN MODEL' button to generate the response functions. The model only needs to be re-run if the locations of the 'FROM' and 'TO' wells are changed.

Getting the Model Output

Once the model has been run, push the 'GET OUTPUT' button to retrieve the model output. This prepares the model output for use for calculating effects.

Entering water use data

All water use should be entered in units of acre-feet per four month period. See the user's manual for instructions on multiple water rights with different priority dates and/or different wells.

Entering 'TO' Well Projected Water Use

Enter the projected water use for the 'TO' Well in Column B. 'TO' Well water use should start in the trimester (4-month period) in which the transfer will be effective.

Entering 'FROM' Well 'With Transfer' Use

Enter the 'With Transfer' water use for the first 'FROM' Well in Column C, for the second 'FROM' well in Column E, and for the third 'FROM' Well in Column G. 'With Transfer' water use should reflect historical and projected after transfer use for this well and should cease or be reduced at the time of the water right transfer.

Entering 'FROM' Well 'Without Transfer' Use

The 'Without Transfer' Use for the 'FROM' wells should include historical and projected use for each well. The projected use should reflect expected pumpage from that well if the transfer were not to take effect. Enter the 'Without Transfer' water use for the first 'FROM' Well in Column D, for the second 'FROM' well in Column F, and for the third 'FROM' well in Column H. Prior to the expected date of transfer, the 'With Transfer' use should be the same as the 'Without Transfer' use.

If only one 'FROM' well is to be represented, pumpage in columns E, F, G and H should be 0.

If only two 'FROM' wells are being represented, pumpage in Columns G and H should be 0.

Projected water use in the 'TO' well and the 'FROM' wells will be used to estimate the change in effect to the river reaches caused by the water right transfer. (See user's manual.)

Calculating Effect of the Transfer on River Gains and Losses

After all of the above steps have been completed, the effects of the proposed transfer on gains and losses of the eleven hydraulically connected reaches of the Snake River can be estimated by clicking the 'CALCULATE EFFECTS' button. This will result in a multiplication of the response function matrix (determined in the model runs) times the water use rates entered in the table provided in columns B through H. After the multiplication has been performed, the spreadsheet will automatically advance to the GRAPHS worksheet. Here one graph is provided showing the effect for each of the 11 reaches, and a 12th graph illustrates the net effects on all 11 reaches. Results are also presented in tabular form in the CALCULATED EFFECTS worksheet. See the Users Manual for more information.

Mitigation Analysis Period

Trimester

One-Way Analysis of Independent Transfers

Water Bank Rental No. _____, 6.4 acres at Menan property (R60 / C170). Rent 25.6 af of 35-2924

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node	Impact by Reach (AF/Trimester)											
								Ashton to Rexburg	Halse to Shelley	Shelley to Nr Blackf	Nr Blackf To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft	
Transfer 1: Proposed Steady State Impacts following Transfer																			
35-2924	0.11	25.6	6.4 (equiv)	7/21/1954	4N37E15 SWSW	25.6	8.5	R67 / C172	Pre-SS	0.03	8.04	0.15	0.30	0.00	0.01	0.01	0.00	0.00	
35-2924	0.11	25.6	6.4 (equiv)	7/21/1954	4N37E15 SWSW	25.6	8.5	R67 / C172	Post-SS	0.14	6.65	0.58	1.08	0.01	0.02	0.02	0.01	0.01	
Transfer 1: Worst Case Transient State Impacts following Transfer																			
35-2924	0.11	25.6	6.4 (equiv)	7/21/1954	4N37E15 SWSW	25.6	8.5	R67 / C172	Pre-TS	0.03	8.04	0.15	0.30	0.00	0.01	0.01	0.00	0.00	
35-2924	0.11	25.6	6.4 (equiv)	7/21/1954	4N37E15 SWSW	25.6	8.5	R67 / C172	Post-TS	0.14	6.65	0.58	1.08	0.01	0.02	0.02	0.01	0.01	
Steady State Analysis																			
Mitigation Check 1 - >10% of Historical:								441.0%	-17.3%	296.3%	259.0%	258.9%	258.9%	258.9%	258.9%	258.9%	258.9%	258.9%	
Mitigation Check 2: > 2 AF/T:								0.1	-1.4	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mitigation Check 3 - >10% of Total:								1.6%	78.0%	6.8%	12.7%	0.1%	0.2%	0.3%	0.1%	0.1%	0.1%	0.0%	
Mitigation Required?:								NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Mitigation Vol. Req'd (ac-ft):								0.1	-1.4	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Transient State Analysis																			
Mitigation Check 1 - >10% of Historical:								441.0%	-17.3%	296.3%	259.0%	258.9%	258.9%	258.9%	258.9%	258.9%	258.9%	258.9%	
Mitigation Check 2: > 2.01 AF/T:								0.1	-1.4	0.4	0.8	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):								0.1	-1.4	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Read Me																			

Read Me



Corporation of the Presiding Bishop
of the Church of Jesus Christ
of Latter-Day Saints
Special Projects Department
Natural Resource Services

Legend

-  Water Right POD
-  LDS Property Boundary
-  PLSS Quarter-Corners

Graphic Scale

0 150

(in feet)

1 inch = 150 feet



Project
Water Bank Rental

Title
Menan LDS Water Rights

Project Engineer Drawn By
Matt Davidson Matt Davidson

Figure Water Bank App
1.0



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700

Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

April 16, 2019

CORP OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER DAY
SAINTS A UTAH CORP SOLEREAL ESTATE SERVICES
50 E N TEMPLE ST 12TH FL
SALT LAKE CITY UT 84150

**RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO. 35-2924, AGREEMENT 291**

Dear Renter:

Please find enclosed a receipt in the amount of **\$512.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 25.6 acre-feet of water for irrigation of 6.4 acres during 2019. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or \$460.80 of the rental fee will be paid to the lessor(s) and 10% or \$51.20 will be retained by the Department to offset administrative costs.

If you have any questions, please contact this office at (208) 287-4800.

Sincerely,

Water Supply Bank

Enclosures: Receipt No. C106556
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office
Blake Jordan – State Water District No. 120



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 E Front Street, Suite 648 • PO Box 83720 • Boise ID 83720-0098

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Website: idwr.idaho.gov • Email: idwrinfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

March 12, 2019

CORP OF THE PRESIDING BISHOP
50 E N TEMPLE ST 12TH FL
SALT LAKE CITY UT 84150

RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO. 35-2924, AGREEMENT 291

TIME SENSITIVE RESPONSE REQUIRED

Dear Applicant:

The Department of Water Resources acknowledges receipt of your application to rent water from the Water Supply Bank. **I have enclosed a Water Supply Bank Rental Agreement for your review and signature.** Upon signature and return of the original agreement, together with the rental fee described below, the Department will also sign the original agreement and return an executed copy to you. Execution of the agreement and compliance with the conditions of approval authorize diversion and use of water as provided in the agreement.

A rental fee of \$512.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 25.6 acre-feet.

Please send a check for \$512.00 made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing.

Pursuant to the Water Supply Bank Rules, 90% or \$460.80 of the rental fee will be paid to the lessor(s) and 10% or \$51.20 will be retained by the Department to offset administrative costs.

If you have any questions, please contact this office at (208) 287-4800.

Sincerely,



Water Supply Bank

Enclosure

c: IDWR Front Desk

Condon, Mary

From: Condon, Mary
Sent: Tuesday, January 29, 2019 4:24 PM
To: Webster, Clay
Subject: FW: WSB Rental Review - 35-2924 LDS Church Menan

FYI

From: Cefalo, James
Sent: Tuesday, January 29, 2019 4:24 PM
To: Condon, Mary <Mary.Condon@idwr.idaho.gov>
Subject: RE: WSB Rental Review - 35-2924 LDS Church Menan

Mary,

I don't have any concerns with the proposed WSB rental.

James

From: Condon, Mary
Sent: Tuesday, January 29, 2019 12:41 PM
To: Cefalo, James <James.Cefalo@idwr.idaho.gov>
Subject: WSB Rental Review - 35-2924 LDS Church Menan

Good afternoon, James,

Please see the attached review for a one year rental, and kindly respond with comments or concerns within 10 days.

Best,
Mary

Mary Condon
Water Supply Bank Specialist
Planning & Projects Bureau
Idaho Department of Water Resources
Main: (208) 287-4936
Fax: (208) 287-6700

MEMORANDUM FOR AGREEMENT # 291

To: Water Right(s) 35-2924

From: Mary Condon

Date: January 29, 2019

Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

PURPOSE/NARRATIVE: Application to rent for five years for the LDS church received on October 15, 2018, with a processing priority of November 1, 2018. The rental POU is within the ESPA, and was submitted with modeling. The requested water right is only in the bank until 12/31/2019, and so the rental will be constrained to only one year.

AUTHORITY TO FILE: Application is signed by Mathew Davidson, authorized representative for the Corp of the Presiding Bishop of Jesus Christ of LDS Church. Taxlot is in the Menan (city) 1st Corp of the LDS Church, no concerns with authority to file.

WATER RIGHT VALIDITY: Requested water right was decreed as industrial and stockwater in 2007, then placed in the bank in 2009 to 2019. Historic beneficial use and proportionate irrigation acres calculated in 2014 by Cherie Palmer for previous rentals. No concerns of validity.

INJURY TO OTHER WATER RIGHTS: Rental POD and leased water right POD are both within the ESPA, modeling was attached with the application. Confirmation of the modeling values and results was produced on January 29, 2019, with no mitigation required. Injury to other water rights is not apparent through this rental.

Industrial historic use	6.4Acres	$4\text{AF/AC} \times 6.4 = 25.6 \text{ AFY}$	$25.6 \text{ AFY} / 3 = 8.5 \text{ AF}$
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ENLARGEMENT OF USE: Rented water will be the only authorized water right for irrigation. This rental is for the 6.4 acres of the 7.5 acre lot, of which the difference is not-irrigable (building, parking lot). The rental POU has an indoor domestic under WR 25-4252, with a rate of only 0.04cfs, and would not include irrigation component. This is the first time water has been rented for the location.

Leased water right has WMIS 1001799, 2015 & 2018 site visits show site is abandoned and the well is not operational. No concerns of enlargement.

LOCAL PUBLIC INTEREST: Review staff has no information to suggest this application is inconsistent with the local public interest.

BENEFICIAL USE/CONSERVATION OF WATER RESOURCES: The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS: The location for the rental PD is subject to Water District # 120 American Falls Area. SOU 4/1-10/31, HG-4 CU-3. Request for comment sent 1/29/2019.

ENHANCED GROUND-WATER RIGHTS TRANS

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEARCH INSTITUTE

IDAHO DEPA

Cells this color are
set up for user entries

UPDATE
DATES

RUN
MODEL

GET
OUTPUT

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

TRANSFER NO:

1196

YEAR

1965

TRANSFER NAME:

SEASON

SPRING

LOS MENAN

CALCULATE EFFECTS

ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	60	61	0	0
COLUMN	170	164	0	0

TRIMESTER OF ACTIVITY	TO WELL Projected Use AF/TRIMESTER	FROM1 WELL		FROM2 WELL		FROM3 WELL	
		With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER
SPR 1965	0	0	0	0	0	0	0
SUM 1965	0	9	9	0	0	0	0
WIN 1965	0	9	9	0	0	0	0
SPR 1966	0	9	9	0	0	0	0
SUM 1966	0	9	9	0	0	0	0
WIN 1966	0	9	9	0	0	0	0
SPR 1967	0	9	9	0	0	0	0
SUM 1967	0	9	9	0	0	0	0
SPR 2018	0	9	9	0	0	0	0
SUM 2018	0	9	9	0	0	0	0
WIN 2018	0	9	9	0	0	0	0
SPR 2019	9	0	9	0	0	0	0
SUM 2019	9	0	9	0	0	0	0
WIN 2019	9	0	9	0	0	0	0
SPR 2020	0	9	9	0	0	0	0
SUM 2020	0	9	9	0	0	0	0
WIN 2020	0	9	9	0	0	0	0
SPR 2021	0	9	9	0	0	0	0
SUM 2021	0	9	9	0	0	0	0
WIN 2021	0	9	9	0	0	0	0

Impact by Reach (AF/Annum)

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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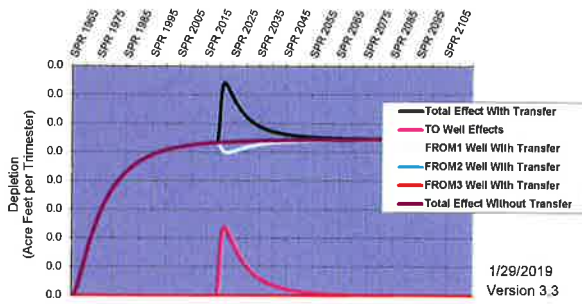
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0.03	8.48	0.16	0.32	0.00	0.01	0.01	0.00	0.00	0.00	0.00
0.03	8.48	0.16	0.32	0.00	0.01	0.01	0.00	0.00	0.00	0.00
0.04	11.11	0.27	0.48	0.00	0.01	0.01	0.00	0.00	0.00	0.00

irical:	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
AF/A:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total:	0.3%	94.1%	1.8%	3.5%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
red?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
(c-ft):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

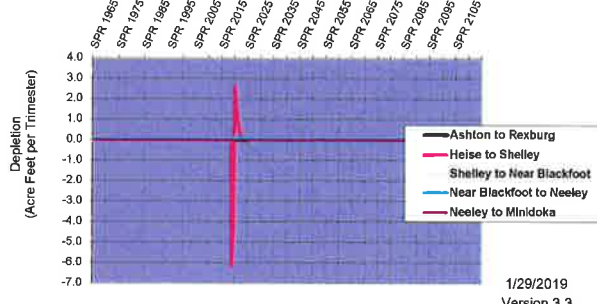
irical:	33.3%	31.0%	68.8%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
AF/A:	0.0	2.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
red?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
(c-ft):	0.0	2.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0

Hydrologic Response--Ashton to Rexburg

Customer Name: LDS MENAN Transfer No: 1196



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

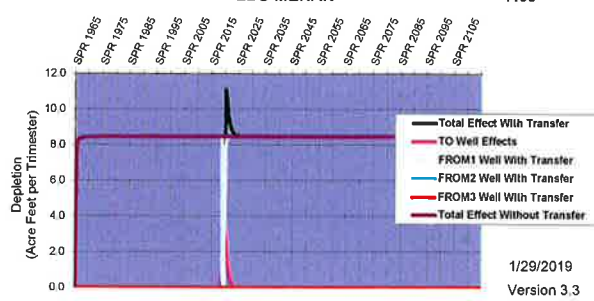


Customer Name: LDS MENAN

Transfer No: 1196

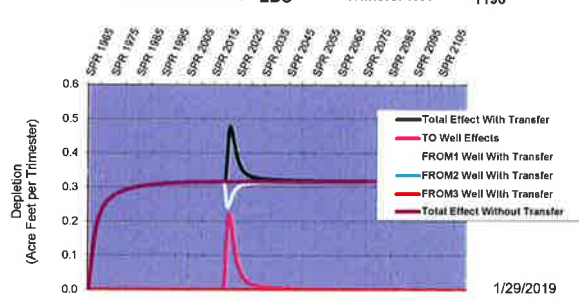
Hydrologic Response--Heise to Shelley

Customer Name: LDS MENAN Transfer No: 1196



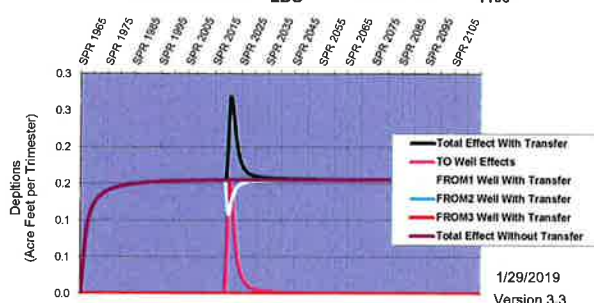
Hydrologic Response-- Near Blackfoot to Neeley

Customer Name: LDS Transfer No: 1196



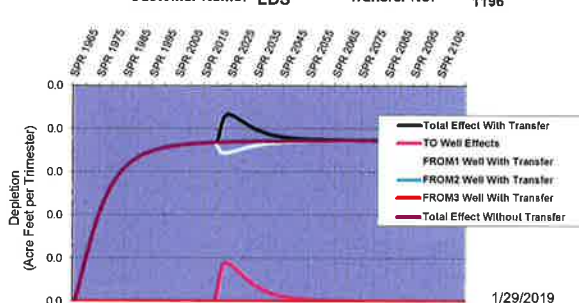
Hydrologic Response--Shelley to Near Blackfoot

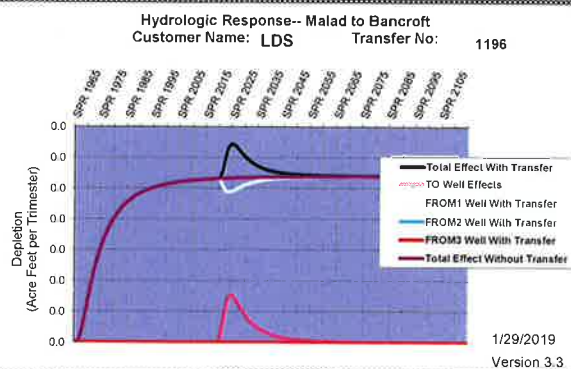
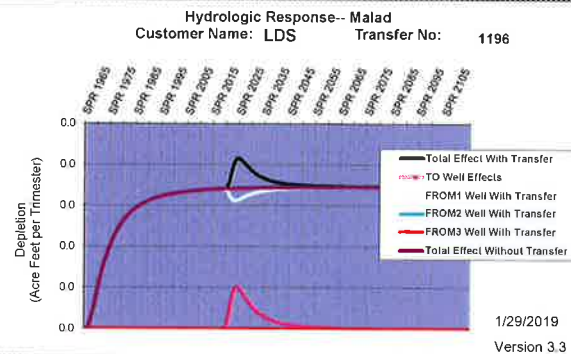
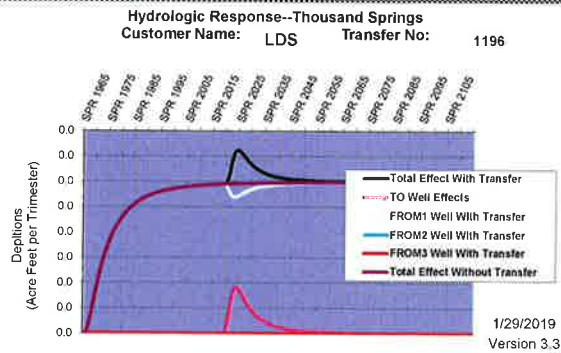
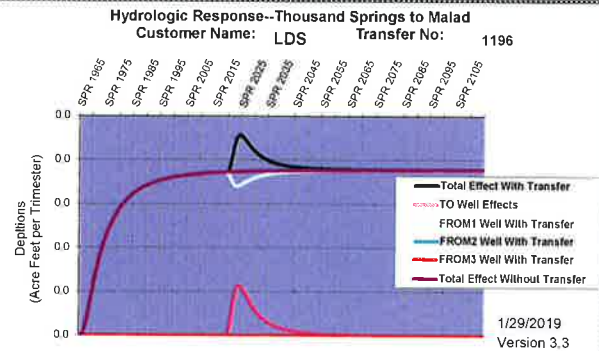
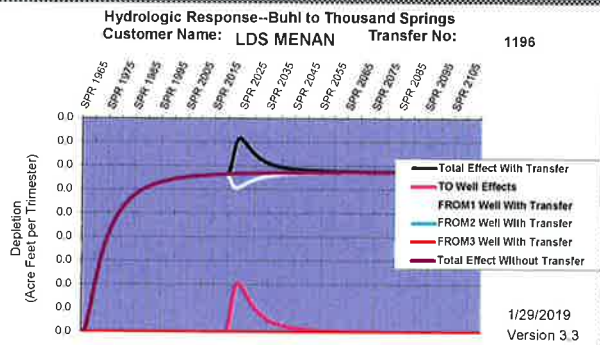
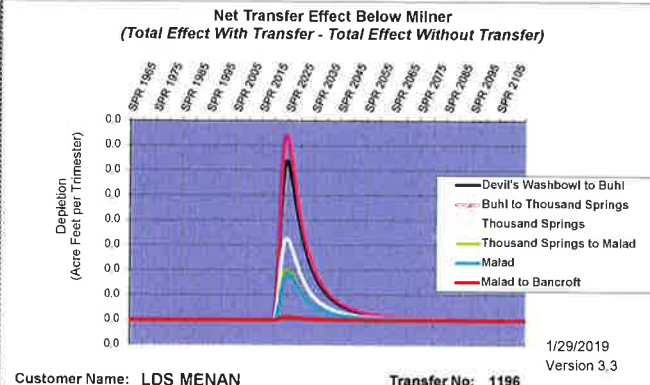
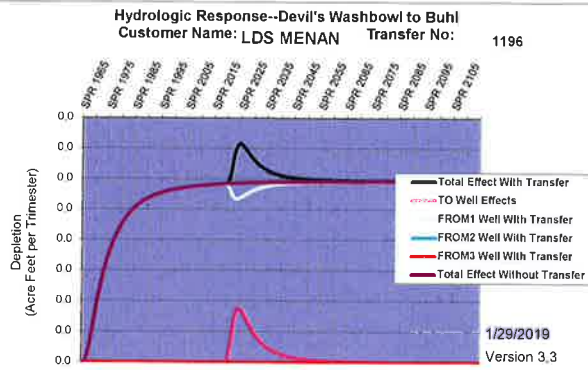
Customer Name: LDS Transfer No: 1196



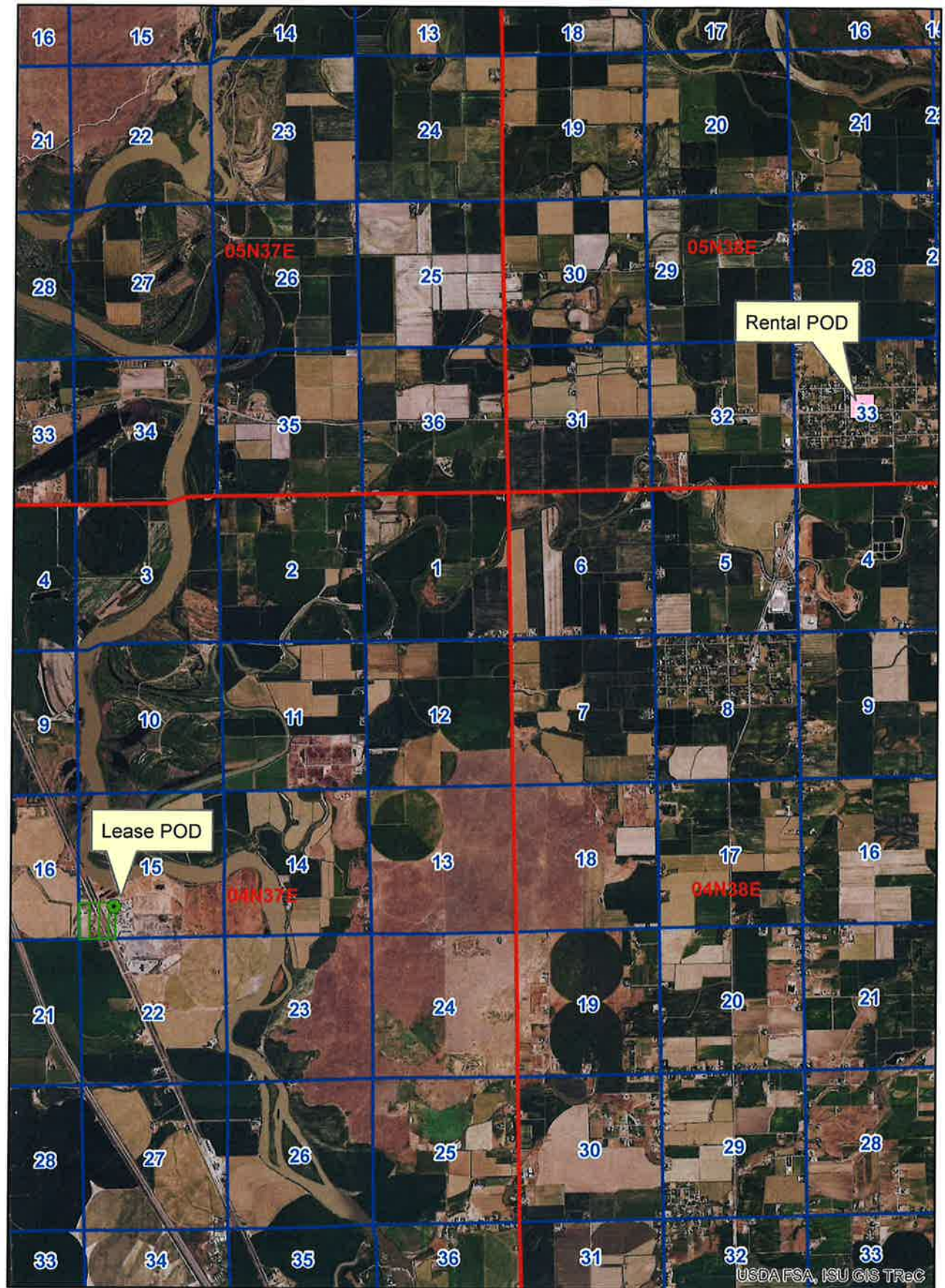
Hydrologic Response-- Neeley to Minidoka

Customer Name: LDS Transfer No: 1196





MOVE MAP - 35-2924 - 2019



THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

September 21, 2018

RECEIVED
OCT 15 2018
DEPARTMENT OF
WATER RESOURCES

MEETINGHOUSE FACILITIES DEPARTMENT

Real Estate Services Division
50 East North Temple Street
Salt Lake City, Utah 84150-0012
Phone: 1-801-240-2915
Facsimile: 1-801-240-4005

Idaho Department of Water Resources
322 E Front St
Boise, ID 83720-0098

Dear Debbi:

Water Bank Applications 35-7903B, 35-14308, & 36-16920 & "Menan"

Please find enclosed the signed water bank applications for the Church meetinghouses:

1. "Lakeview" 35-7903B & 35-14308
2. "Emerson" 36-16920
3. "Menan" proposed rental with water models and maps

Please contact me with any questions.

Regards,



Matthew P. Davidson, PE
Enclosure: Rental applications