

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 277

This is to certify that:

CORPORATION OF THE PRESIDING BISHOP
CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
50 E NORTH TEMPLE
SALT LAKE CTY, UT 84150-0001

RECEIVED

OCT 15 2018

**DEPARTMENT OF
WATER RESOURCES**

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)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
35-7903B	8/7/1980	GROUND WATER	0.030	10.80	2.70	0.011	4.00
35-14308	5/1/1973	GROUND WATER	0.008	2.00	0.50	0.016	4.00
Combined Rental Totals			0.038	12.80	3.20	0.012	4.00

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2018. 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 2018, whichever occurs last.

Annual Rental Fee:

2018: \$256.00

The full fee for the rental of the above-described right(s) is \$256.00 for 2018. The rental fee includes an administrative fee of \$25.60 for 2018.

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	0.038	7.6	1.90	0.020	4.00
Combined Total	0.038	7.6	1.90	0.020	4.00

** The authorized water usage reflects a reduction from the water right elements rented, to account for a per-acre irrigation diversion rate of 0.02 cfs and a per-acre irrigation diversion volume of 4.0 af, as authorized under the irrigation component of water right 35-8152.*

Detailed water right conditions are attached.

SUPPORT DATA

IN FILE # 35-7903B

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 277

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

10/12/18

Date

Matt Davidson

Printed Name

Water Resource Manager

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

10/16/2018

Rental approved by IDWR

Chay West

Date

10-16-2018

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 277

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

GROUND WATER SESE Sec. 9, Twp 04S, Rge 32E, BINGHAM County

BENEFICIAL USE
IRRIGATION

DIVERSION RATE
0.038 CFS

VOLUME
7.6 AF

SEASON OF USE

Water Right No.	From	To
35-14308	4/1	10/31
35-7903 B	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	
04S	32E	9																1.9	1.9

Total Acres: 1.9

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 rights authorized under this rental, when combined with all other rights, shall provide no more than 0.020 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the place of use.
10. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 120.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 277

11. Upon specific notification of the Department, the right holder shall install and maintain data loggers to record water usage information at the authorized point(s) of diversion in accordance with Department specifications.
12. This rental agreement does not authorize the construction of a well.



Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 277

Effective until December 31, 2018

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
-  Townships
-  PLS Sections
-  Quarter Quarters



0  Feet
500

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED

JUN 11 2018

DEPARTMENT OF
WATER RESOURCESAPPLICATION TO RENT WATER
FROM THE BOARD'S WATER SUPPLY BANKCorporation of the Presiding Bishop of The Church of
Jesus Christ of Latter-day Saints, a Utah corporation sole.

Applicant Name: _____

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)

35-14308

35-7903B

1110

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

- A. Applicant Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day Saints, a Utah corporation 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 Matt Davidson Professional Title 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**:

We are working toward using our shares in the Aberdeen Springfield company (Cert 5149-199) to cover this use in the future.

- 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)
CFS	AF	.06 CFS	12.0 AF	3.0 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?	
4/1/18	4/15/18	☐ 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):

The existing well will be used as the source of the water and it will be used in an existing sprinkler irrigation system located on the landscaped areas.

- 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
Existing well	groundwater	WR 35-8152

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 3.0 (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 LDS Church would like to rent 3.0 ac from the Idaho Water Bank until shares from the Aberdeen Springfield can be utilized.

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)
35-14308	Irrigation	0.01	2.00	0.50		0.01	2.00	0.50
35-7903B	Irrigation	0.03	10.0	2.5		0.03	10.0	2.5
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	0.04	12.0	3.0
						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**:

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:

- 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

Matt Davidson

Printed Name of Applicant

3/26/18

Date



Signature of Representative

Matt Davidson

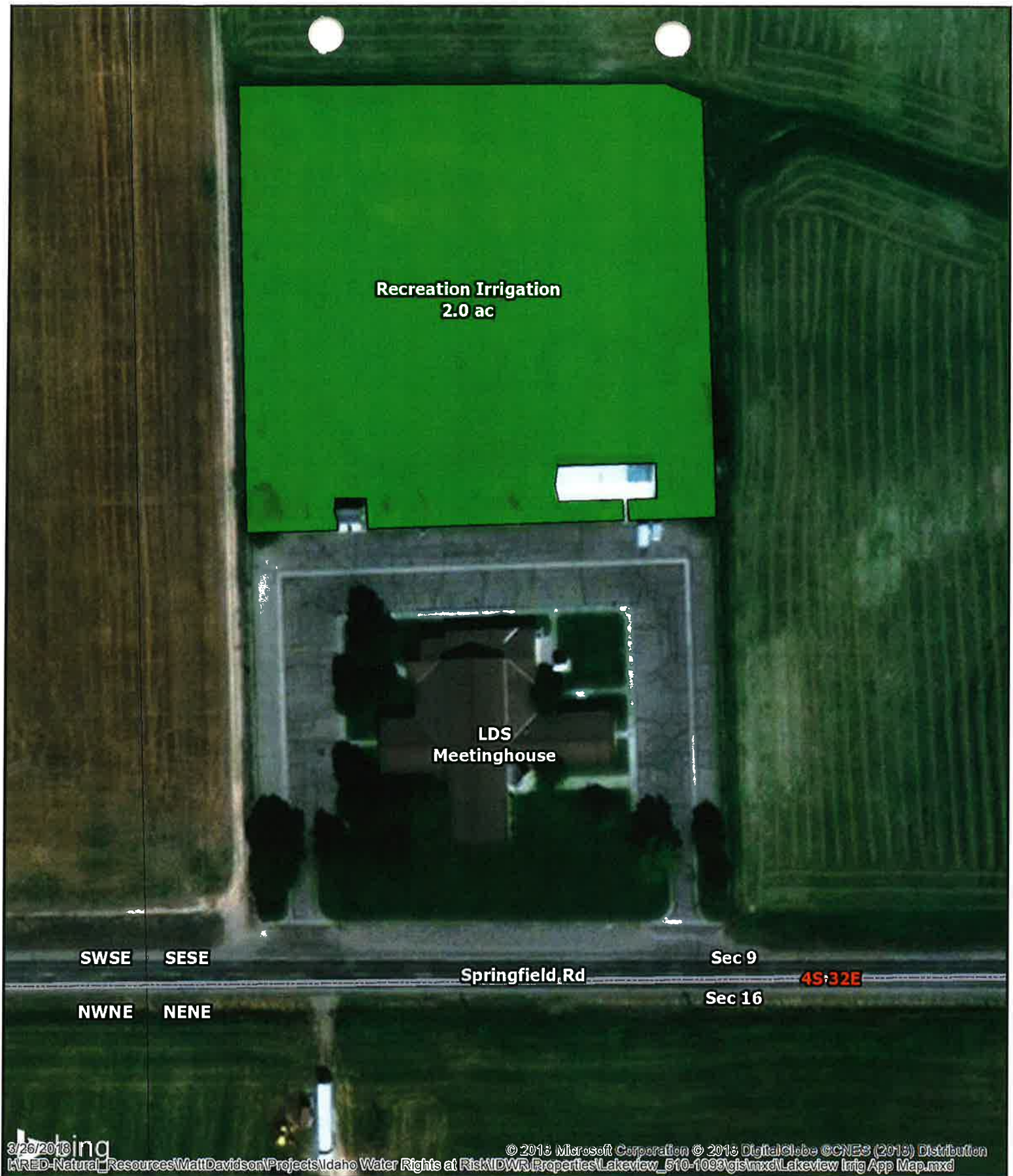
Printed Name of Representative

3/26/18

Date

Mail to:

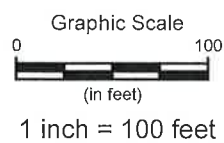
Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098



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

Legend

-  Sections
-  Quarters
-  Irrigated Area: 2.0 ac



Aerial Courtesy of: Utah Automated Geographic Reference Center (AGRC)
Flown Spring 2012, High Resolution Orthophotography (HRO) 6-inch

Project	
LDS Lakeview Irrigation	
Title	
Irrigation Use	
Project Engineer	Drawn By
Matt Davidson	Matt Davidson
Figure	Property Number
Attachment 2	510-1093

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

October 22, 2015

MEETINGHOUSE FACILITIES DEPARTMENT

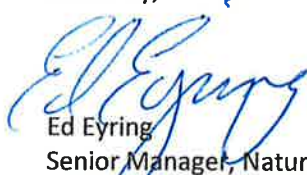
Real Estate Services Division
50 East North Temple Street
Salt Lake City, Utah 84150-0012
Phone: 1-801-240-2915
Facsimile: 1-801-240-4005

To Whom It May Concern:

Matthew Davidson, Professional Engineer (P.E.) was hired by the Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints, a Utah corporation sole (Church), in November of 2010 to manage water related issues for the Church. As an employee, Matt has been authorized by the Church to sign in behalf of and for, all water related applications, change applications, extensions of time, and water right proofs.

As the manager of the Natural Resource Section, in the Real Estate Services Division, Special Projects Department, please accept this letter of explanation of approval to sign on the Church's behalf.

Sincerely,



Ed Eyring
Senior Manager, Natural Resource Services
Real Estate Services Division – Special Projects
Department



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

CARY SPACKMAN
Director

October 18, 2018

CORPORATION OF THE PRESIDING BISHOP
CHURCH JESUS CHRIST OF LATTTER-DAY SAINTS
50 E NORTH TEMPLE
SALT LAKE CITY UT 84150-0001

RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO. 36-16920 AGREEMENT 275
WATER RIGHT NO(S). 35-7903B & 35-14308 AGREEMENT 277

Dear Renter:

Please find enclosed a receipts in the amount of **\$440.20** and a copy of a fully executed Water Supply Bank Rental Agreements in connection with the rental of 13.6 acre-feet of water for irrigation of 3.4 acres during 2018. 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 \$396.00 of the rental fee will be paid to the lessor(s) and 10% or \$44.00 will be retained by the Department to offset administrative costs. The overpayment of \$0.20 will be applied to a pending rental that is currently being reviewed.

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

Sincerely,

Water Supply Bank

Enclosures: Receipt No. C105230, C105233 & C105757
Rental Agreement (copy)

c: Sascha Marston – Fiscal
James Cefalo – IDWR Eastern Regional Office/Water District # 120
Corey Skinner – IDWR Southern Regional Office
Nathan Erikson – State Water District No. 130
Scott King- SPF Water Engineering LLC



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

September 21, 2018

CORPORATION OF THE PRESIDING BISHOP
CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
50 E NORTH TEMPLE
SALT LAKE CITY UT 84150-0001

**RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NOS. 35-7903B & 35-14308**

*****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 \$256.00 was calculated based on the current rental rate of \$20.00 per acre-foot times a diversion volume of 12.8 acre-feet. In recognition of an already receipted payment of \$228.80 (Receipt ID C105233), only the remaining balance of \$27.20 is owed for this rental.

Please send a check for \$27.20 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 \$230.40 of the rental fee will be paid to the lessor and 10% or \$25.60 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

Memorandum

To: Water Rights 35-7903B and 35-14308

From: Remington Buyer

Date: September 20, 2018

Re: Water Supply Bank Rental Application 1110, Agreement 277

Purpose/Narrative: Application received June 11, 2018, from the Latter Day Saints (LDS) Church who is requesting a rental authorization to divert ground water for irrigation of 3.0 acres of a grassy field adjacent to an LDS Meetinghouse in Bingham County. The applicant paid \$228 for their rental application (Receipt ID C105233).

Water right 35-8152 is appurtenant to the rental location and authorizes diversions of ground water for domestic uses, and for irrigation of 1.0 acres, with an irrigation duty of water of 4.0 afa/acre and a flow rate of 0.02 cfs/acre. The purpose of this rental is to authorize irrigation beyond the 1.0 acres authorized under 35-8152. The applicant has requested a rental volume of 12.0 acre feet, to be satisfied by a rental of water rights 35-14308 and 35-7903B. The volume available to be rented from these two water rights is 12.8 acre feet.

Per-acre diversion rates for water rights 35-7903B and 35-14308 are 0.011 cfs/acre and 0.016 cfs/acre, respectively, for a maximum instantaneous diversion rate of 0.037 cfs. Combined with water right 35-8152, a maximum of 0.05 cfs can be authorized for irrigation of the church property.

Authority to File: Application has been signed by Matthew Davidson who represents that he is an engineer employed by the Church, and a letter has been provided from the Natural Resources and Real Estate Services Division of the Church, to establish that Mr. Davidson is authorized to submit the application on behalf of the Church. No concerns about authority to file.

Water Right Validity/Forfeiture Evaluation: The application requests an authorization to rent water rights 35-7903B and 35-14308. Both water rights are leased to the Bank and there are no concerns about the validity of either of the rights. The rental place of use can be irrigated with surface water delivered via the Aberdeen Springfield Canal Company (ASCC), as well with ground water divertible under water right 35-8152. However, ASCC surface water is apparently not yet deliverable to the property, and the applicant desires to irrigate more than the 1.0 acres authorized under 35-8152. No concerns about the validity of water associated with ASCC water rights or water right 35-8152.

Injury Evaluation: The applicant has requested ground water that is to be diverted from the Eastern Snake River Plain Aquifer (ESPA) and ground water modeling is required to ensure injury is avoided. No modeling was provided with the application, however it was subsequently received from the applicant, via a consultant (SPF Engineering) and a review of modeling suggests no injury is apparent under this rental.

Enlargement of Use: The irrigation duty of water authorized under 35-8152 is 4.0 afa with an instantaneous diversion rate of 0.02 cfs/acre. Water rights 35-7903B and 35-14308 authorize 0.011 cfs/acre and 0.016 cfs/acre, respectively (and both authorize a duty of water of 4.0 afa/acre).

Information provided by the church indicates irrigation of 4.0 acres involves an annual diversion volume of approximately 13.6 acre feet, and a maximum instantaneous diversion rate of 0.115 cfs, as follows:

Estimated Maximum Irrigation Extent										
Gallons per minute, per zone	Cubic feet per second (cfs), per zone	Zones	Daily run time (minutes), per zone	Total daily run time (minutes)	Total daily diversion volume (gallons)	Irrigation days per week	Irrigation weeks per year	Annual days of irrigation	Annual diversion volume (gallons)	Annual diversion volume (acre feet)
40.2	0.089	11	60	660	26532	5	30	150	3979800	12.2
51.6	0.115	1	60	60	3096	5	30	150	464400	1.4
Totals		12		720	29628	5	30	150	4444200	13.6

A diversion volume of 12.8 acre feet is available for rental from water rights 35-7903B and 35-14308 and, combined with the 4.0 acre feet of irrigation volume authorized under water right 35-8152, the diversion volumes additively sum to an amount that more than satisfies the needs of the church. However, the maximum instantaneous diversion rate for irrigation under all three water rights is 0.05 cfs. As such, to avoid enlargement in water use, the maximum extent of irrigation permissible under this rental is:

Water Right	Rentable/Accessible Elements					Authorized Rental Elements				
	Rate	Vol.	Acres	Rate/AC	Vol/AC	Rate	Vol.	Acres	Rate/AC	Vol/AC
35-7903B	0.030	10.8	2.7	0.011	4.0	0.030	6.0	1.5	0.020	4.0
35-14308	0.008	2.0	0.5	0.016	4.0	0.008	1.6	0.4	0.020	4.0
combined	0.038	12.8	3.2	0.012	4.0	0.038	7.6	1.9	0.020	4.0
35-8152	0.020	4.0	1.0	0.020	4.0	0.012	3.4	1.0	0.020	4.0
Max combined	0.058	16.8	4.2	0.014	4.0	0.048	11.0	2.9	0.020	4.0

To avoid enlargement in water use, this rental will only authorize irrigation of 1.9 acres.

Local Public Interest: No information indicates the proposed rental use of water is contrary to any local public interests.

Beneficial Use/Conservation of Water Resources: This rental contemplates irrigation practices at a less than typical rate and volume per acre, however these rates are consistent with beneficial use and water conservation practices.

Department/Watermaster Comments: Watermaster and regional comments will be requested.

Water Supply Bank Evaluation: It is recommended this rental be approved for one year.

Buyer, Remington

From: Cefalo, James
Sent: Monday, September 17, 2018 2:30 PM
To: Buyer, Remington
Subject: RE: Water Supply Bank Rental

Remington,

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

James

From: Buyer, Remington
Sent: Monday, September 17, 2018 2:12 PM
To: Cefalo, James <James.Cefalo@idwr.idaho.gov>
Cc: Webster, Clay <Clay.Webster@idwr.idaho.gov>
Subject: Water Supply Bank Rental

James,

The LDS Church has requested to rent water rights from the Bank to authorize irrigation of their Lakeview Church in Bingham County. There has been quite a bit of back and forth on this one, so in addition to the draft rental agreement, memo and map, I'm also including some recent email correspondence. As watermaster for WD 120, please advise if you have any concerns, comments or questions about this rental.

Thanks,

Remington

Lakeview LURC Sprinkler Estimates

Given: Site is using a Hunter I20 spinkler nozzle
 Pressure in system ranges between 40 and 60 psi
 Most circuits have six heads
 One circuit is wired to run two sets of six each or twelve total
 Flow rates for various I20 heads Assume set for full circle operation
 Maximum Diversion Rate per IDWR for 24 hr. 0.05 cfs 22.44 gpm
 Maximum Volume per 24 hours 4,320 cubic feet 32,316 gallons

Color			Six Head Circuit		Twelve Head Circuit	
	Max flow (gpm) @ 25 psi	Max Flow (gpm)@ 55 psi	Total flow (gpm) @ 25 psi	Total Flow (gpm) @ 55 psi	Total flow (gpm) @ 25 psi	Total Flow (gpm)@ 55 psi
Blue	4.3	6.7	25.8	40.2	51.6	80.4
Grey	3.9	4.7	23.4	28.2	46.8	56.4
Green High Flow	6.7	8.5	40.2	51	80.4	102
Black	2.7	3.1	16.2	18.6	32.4	37.2
Red	3.5	4.4	21	26.4	42	52.8
Green Std	5.2	6.5	31.2	39	62.4	78
Beige	5.4	6.5	32.4	39	64.8	78
Maximum Flow Range			40.2	51	80.4	102
Minimum Flow Range			16.2	18.6	32.4	37.2
Max Volume per 24 hr		Gallons	57,888	73,440	115,776	146,880
Min Volume per 24 hr		Gallons	23,328	26,784	46,656	53,568
Max Volume for 12 hr		Gallons	28,944	36,720	57,888	73,440
Min Volume per 12 hr		Gallons	11,664	13,392	23,328	26,784
Max Volume per 8 hr		Gallons	19,296	24,480	38,592	48,960
Min Volume per 8 hr		Gallons	3,110	3,571	6,221	7,142

Zones 12 One zone has 12 heads
 Heads/zone 6
 Time 60 min
 Blue nozzles

	Flow (gpm)	Time (min)	Volume (gal)	
Zone 1	40.2	60	2412	
Zone 2	40.2	60	2412	
Zone 3	40.2	60	2412	
Zone 4	40.2	60	2412	
Zone 5	40.2	60	2412	
Zone 6	40.2	60	2412	
Zone 7	40.2	60	2412	
Zone 8	40.2	60	2412	
Zone 9	40.2	60	2412	
Zone 10	40.2	60	2412	
Zone 11	40.2	60	2412	
Zone 12	51.6	60	3096	
Total			29,628 gal/day	0.046 cfs
Week			148140 gal/wee	
Daily Ave			21,163 gal/day	0.033 cfs
			2,829 cuft/day	

Buyer, Remington

From: Ryan Hobson <HobsonRP@ldschurch.org>
Sent: Friday, September 14, 2018 11:13 AM
To: Matthew Paul Davidson; Stanley Sylvanus Postma; Scott King
Cc: Rhonda Shaw
Subject: RE: Rental 1110

Matthew,

I just barely heard back from our mechanic. Sorry for the delay, he has been busy with other projects. He was able to measure the pressure of the system. The static pressure is reading 60 psi like our contractor stated. He measured 55 psi with one zone (6, I-20 heads) running. He measured only 25 psi with the two zones that were wired together running 12, I-20 heads. He said that the rec field zones are running roughly 60 minutes, 5 days per week. The I-20 heads have blue nozzles with a number 6 on them. There are 12 zones on the rec. field, all should be roughly 6 heads per zone except for the zone that has two zones wired together. Hopefully this gives you the information you need.

Thanks,

Ryan

From: Matthew Paul Davidson
Sent: Friday, September 14, 2018 10:44 AM
To: Ryan Hobson <HobsonRP@ldschurch.org>; Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>
Cc: Rhonda Shaw <ShawR@ldschurch.org>
Subject: RE: Rental 1110

Ryan,

Have you heard back about the number of stations and the total time each station is running (and is it every day every other day ect), about this system?

We need this time information to make a final calculation to submit back to IDWR, today.

Thanks.

Matthew Davidson | P.E., Water Resources
NATURAL RESOURCES SERVICES - MEETINGHOUSE FACILITIES DEPARTMENT
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | CORP. OF PRESIDING BISHOP
50 East North Temple Street, 12th Floor | Salt Lake City, UT 84150-0012
Phone: 801-240-3263 | Cell: 801-835-2547 | E-mail: mpdavidson@ldschurch.org

From: Ryan Hobson
Sent: Tuesday, September 11, 2018 1:56 PM
To: Matthew Paul Davidson <mpdavidson@ldschurch.org>; Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>
Cc: Rhonda Shaw <ShawR@ldschurch.org>
Subject: RE: Rental 1110

Matthew,

I contacted the irrigation contractor that is going to be making the switch for us back to the surface irrigation rights. He said that he remembers a static pressure of 60 psi and a running pressure of 35-40 psi. However, he noted that the Hunter I-20 heads call for 60 psi to reach their coverage distance. This information seems to make sense. We have always had coverage issues and so we have had to run longer sets to keep the lawn looking decent.

Ryan

From: Matthew Paul Davidson

Sent: Tuesday, September 11, 2018 1:17 PM

To: Ryan Hobson <HobsonRP@ldschurch.org>; Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>

Cc: Rhonda Shaw <ShawR@ldschurch.org>

Subject: RE: Rental 1110

Ryan, are you able to measure the system pressure? Ideally it would be the pressure of one of the zones running, I know that's not always possible. But check with the mechanic and see if that would be a possibility.

Also please report the static pressure (nothing running) that will give us a pressure differential to work with.

Thanks.

Matthew Davidson | P.E., Water Resources

NATURAL RESOURCES SERVICES - MEETINGHOUSE FACILITIES DEPARTMENT

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | CORP. OF PRESIDING BISHOP

50 East North Temple Street, 12th Floor | Salt Lake City, UT 84150-0012

Phone: 801-240-3263 | Cell: 801-835-2547 | E-mail: mpdavidson@ldschurch.org

From: Ryan Hobson

Sent: Tuesday, September 11, 2018 11:07 AM

To: Matthew Paul Davidson <mpdavidson@ldschurch.org>; Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>

Cc: Rhonda Shaw <ShawR@ldschurch.org>

Subject: RE: Rental 1110

Elder Postma,

We were able to find the original well log for the Lakeview building, I have attached this document. I also found a couple of other documents that reference well and pump information. However, I cannot find any information in regards to well pumps since the original installation.

Also, the sprinklers are Hunter I20's. All of the zones run roughly six heads at a time but there is one zone that appears to have two zones wired together that is running twelve heads. Hopefully this information helps.

Thanks,

Ryan

From: Matthew Paul Davidson

Sent: Tuesday, September 11, 2018 9:54 AM

To: Ryan Hobson <HobsonRP@ldschurch.org>; Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>

Cc: Rhonda Shaw <ShawR@ldschurch.org>

Subject: RE: Rental 1110

Ryan,

Stan will be in tomorrow but please forward us any information you can about the irrigation system. If we can make a rough calc, hopefully that will be enough.

Matthew Davidson | P.E., Water Resources
NATURAL RESOURCES SERVICES - MEETINGHOUSE FACILITIES DEPARTMENT
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | CORP. OF PRESIDING BISHOP
50 East North Temple Street, 12th Floor | Salt Lake City, UT 84150-0012
Phone: 801-240-3263 | Cell: 801-835-2547 | E-mail: mpdavidson@ldschurch.org

From: Ryan Hobson

Sent: Monday, September 10, 2018 4:07 PM

To: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Matthew Paul Davidson <mpdavidson@ldschurch.org>; Scott King <SKing@spfwater.com>

Cc: Rhonda Shaw <ShawR@ldschurch.org>

Subject: RE: Rental 1110

Elder Postma,

I checked with our pump contractor and he said that they have not serviced that pump and do not have any information on it. One of our mechanics is going to see if he can find any information in the mechanical shed near the well head where our expansion tanks are located. He will also gather some information on the sprinkler system.

Thanks,

Ryan

From: Stanley Sylvanus Postma

Sent: Monday, September 10, 2018 3:03 PM

To: Matthew Paul Davidson <mpdavidson@ldschurch.org>; Scott King <SKing@spfwater.com>; Ryan Hobson <HobsonRP@ldschurch.org>

Cc: Rhonda Shaw <ShawR@ldschurch.org>

Subject: RE: Rental 1110

No as built plans in our system.

Elder Stan Postma, PE. (Ut, Id, Colo)

Operations Specialist

Special Projects Department-Natural Resources

The Church of Jesus Christ of Latter-day Saints

801-240-0024 StanleyPostma@ldschurch.org

From: Matthew Paul Davidson

Sent: Monday, September 10, 2018 1:29 PM

To: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>; Ryan Hobson <HobsonRP@ldschurch.org>

Cc: Rhonda Shaw <ShawR@ldschurch.org>

Subject: RE: Rental 1110

Stan,

Have a look in our internal Asbuilt catalog and see if you can find an irrigation plan.

<https://asbuilt.ldschurch.org/AsBuilts/SignIn/?ReturnUrl=%2fasbuilts%2f>

Matthew Davidson | P.E., Water Resources
NATURAL RESOURCES SERVICES - MEETINGHOUSE FACILITIES DEPARTMENT
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | CORP. OF PRESIDING BISHOP
50 East North Temple Street, 12th Floor | Salt Lake City, UT 84150-0012
Phone: 801-240-3263 | Cell: 801-835-2547 | E-mail: mpdavidson@ldschurch.org

From: Stanley Sylvanus Postma
Sent: Monday, September 10, 2018 11:44 AM
To: Scott King <SKing@spfwater.com>; Matthew Paul Davidson <mpdavidson@ldschurch.org>; Ryan Hobson <HobsonRP@ldschurch.org>
Cc: Rhonda Shaw <ShawR@ldschurch.org>
Subject: RE: Rental 1110

It might help to find out how many circuits they use at a time and the pump data on the well. We could back into the flow if we knew something about the pump and how many irrigation circuits they typically use at one time.

Ryan Do you have any of this type of information?

Elder Stan Postma, PE. (Ut, Id, Colo)
Operations Specialist
Special Projects Department-Natural Resources
The Church of Jesus Christ of Latter-day Saints
801-240-0024 StanleyPostma@ldschurch.org

From: Scott King <SKing@spfwater.com>
Sent: Monday, September 10, 2018 11:37 AM
To: Matthew Paul Davidson <mpdavidson@ldschurch.org>; Ryan Hobson <HobsonRP@ldschurch.org>
Cc: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Rhonda Shaw <ShawR@ldschurch.org>
Subject: RE: Rental 1110

Matthew,

Maybe there's a possibility of getting a measurement without a meter.
Are there records of pump installation with make and model?
Is it possible for someone to get a flow measurement off some hose bibs with a 5 gallon bucket and stopwatch?
We could also get an estimate if we knew how many sprinkler heads run during a zone-cycle, and that sprinkler's design flow.

Scott

From: Matthew Paul Davidson <mpdavidson@ldschurch.org>
Sent: Monday, September 10, 2018 11:32 AM

To: Ryan Hobson <HobsonRP@ldschurch.org>; Scott King <SKing@spfwater.com>
Cc: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>; Rhonda Shaw <ShawR@ldschurch.org>
Subject: RE: Rental 1110

Scott,

I guess I'm looking to you for recommendations. By the time we get a meter ordered and installed we'll probably be into October.

Matthew Davidson | P.E., Water Resources
NATURAL RESOURCES SERVICES - MEETINGHOUSE FACILITIES DEPARTMENT
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | CORP. OF PRESIDING BISHOP
50 East North Temple Street, 12th Floor | Salt Lake City, UT 84150-0012
Phone: 801-240-3263 | Cell: 801-835-2547 | E-mail: mpdavidson@ldschurch.org

From: Ryan Hobson
Sent: Monday, September 10, 2018 11:00 AM
To: Matthew Paul Davidson <mpdavidson@ldschurch.org>; Scott King <SKing@spfwater.com>
Cc: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>; Rhonda Shaw <ShawR@ldschurch.org>
Subject: RE: Rental 1110

Matt,

Unfortunately, we do not have any installed water meters to check flow rates. Sorry about that. Let me know if we need to do something to help with this.

Thanks for your help!

Ryan Hobson
Facility Manager
The Church of Jesus Christ of Latter-Day Saints
Rupert, Idaho FM Group

1814 H Street
Rupert, ID 83350
cell: 208-260-1425
office: 208-434-1421
HobsonRP@ldschurch.org

From: Matthew Paul Davidson
Sent: Monday, September 10, 2018 10:38 AM
To: Ryan Hobson <HobsonRP@ldschurch.org>; Scott King <SKing@spfwater.com>
Cc: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Scott King <SKing@spfwater.com>
Subject: FW: Rental 1110

Ryan,

See below about the water rental. Do you have water meters installed to verify the requested flow rates below?

Scott,

One point of frustration: In trying to bring our properties into compliance with the law, we submitted the rental request in March, and haven't received the below requirements until the end of the irrigation season. It's little frustrating that

we've gone years out of compliance and the last year we attempt to make it right, we can't get a timely response. If we need to install meters, I don't think we can make the deadline.

Thoughts?

Matthew Davidson | P.E., Water Resources
NATURAL RESOURCES SERVICES - MEETINGHOUSE FACILITIES DEPARTMENT
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | CORP. OF PRESIDING BISHOP
50 East North Temple Street, 12th Floor | Salt Lake City, UT 84150-0012
Phone: 801-240-3263 | Cell: 801-835-2547 | E-mail: mpdavidson@ldschurch.org

From: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>
Sent: Friday, September 7, 2018 11:34 AM
To: Scott King <SKing@spfwater.com>
Cc: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Matthew Paul Davidson <mpdavidson@ldschurch.org>
Subject: RE: Rental 1110

Scott,

We can amend the Church's rental request such that it will only be for 2018 if that is in fact the desire rental duration period. Also, I've had a chance to review the information you've provided; based on a diversion rate of 0.013 cfs/ac, the following would be the authorized irrigation diversion rates and volumes at the Lakeview Church:

water right	rate	vol	acres	rate/ac	vol/ac
35-7903B	0.030	7.6	2.3	0.013	4
35-14308	0.007	2.0	0.5	0.013	4
combined	0.037	9.6	2.8	0.013	4
35-8152	0.013	4.0	1.0	0.013	4
Max combined	0.050	13.6	3.8	0.013	4

In order to authorize a 2018 rental for the above amounts, the following is required:

- Confirmation that the church irrigation system is capable of irrigating 3.8 acres at a maximum diversion rate of 0.05 cfs (0.013 cfs/ac);
- Confirmation that the maximum diversion rate accomplished during 2018 has been no more than 0.05 cfs for irrigation, and no more than 0.09 cfs for irrigation and domestic uses;
- Confirmation that 2.8 acres are to be covered by this rental during 2018;
- Confirmation that the rental is only intended to cover 2018, and not additional requested years of 2019 through 2022.

I'll need you, Mr. Postma, or Mr. Davidson to confirm the above before end of day on Friday, September 14th. Without confirmation of the above, I can't finalize review of this rental, in which case the rental request will be returned on Monday, September 17th.

Please feel free to contact me if you have any questions.

Regards,

Remington Buyer
Water Supply Bank Coordinator
Idaho Department of Water Resources
322 East Front Street, Boise, ID, 83720
T: (208) 287-4918 | F: (208) 287-6700

From: Scott King [<mailto:SKing@spfwater.com>]

Sent: Friday, August 31, 2018 4:51 PM

To: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>

Cc: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>; Matthew Paul Davidson (mpdavidson@ldschurch.org) <mpdavidson@ldschurch.org>

Subject: RE: Rental 1110

Hello Remington,

Attached is the Mitigation Analysis for WSB Rental 1110. The model indicates additional mitigation is not required.

Based on my discussions with Church staff, a combined diversion rate of 0.038 cfs for this rental (0.013 cfs per acre) is appropriate for this rental. They were barely keeping the grass green this year. If the application requires amendment from 0.06 cfs to 0.038 cfs, please let us know. Also, I believe that the rental period may also need adjusted to 1 year as the plan is to convert to surface water use.

Please let us know if an amendment is required or if you have any other questions.

Thank you,
Scott

From: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>

Sent: Thursday, August 23, 2018 3:20 PM

To: Scott King <SKing@spfwater.com>

Subject: RE: Rental 1110

Scott,

I double checked the amounts leased to and rented from the Bank for both water rights. The amounts rentable from both rights presently is:

Rentable from the Bank

WR	rate	vol	acres	rate/acre	vol/acre
35-7903B	0.03	10.8	2.7	0.011	4
35-14308	0.008	2	0.5	0.016	4

Authorized Rentable at 0.02 cfs/ac

WR	rate	vol	acres	rate/acre	vol/acre
35-7903B	0.03	6	1.5	0.02	4
35-14308	0.008	1.6	0.4	0.02	4
	0.038	7.6	1.9	0.02	4

Authorized Rentable at 0.016 cfs/ac

WR	rate	vol	acres	rate/acre	vol/acre
35-7903B	0.03	7.5	1.88	0.016	4
35-14308	0.008	2	0.50	0.016	4

0.038 9.5 2.38 0.016 4

Remington

From: Scott King [<mailto:SKing@spfwater.com>]
Sent: Thursday, August 23, 2018 2:56 PM
To: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>
Subject: Rental 1110

Remington,
We didn't discuss total volume enough for me to be clear. Can you fill this in for me / check work?

<u>Right</u>	<u>cfs</u>	<u>acres</u>	<u>volume</u>	<u>cfs/acre</u>	<u>af/acre</u>
35-7903B	0.03	2.7		0.01	
35-14308	0.01	0.5		0.02	

Thank you,
Scott

Scott N. King, P.E. | Supervising Engineer

SPF Water Engineering, LLC

300 E Mallard Drive, Suite 350 | Boise, ID 83706

phone 208.383.4140 | **fax** 208.383.4156

email sking@spfwater.com | **web** www.spfwater.com

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

Buyer, Remington

From: Scott King <SKing@spfwater.com>
Sent: Friday, August 31, 2018 4:51 PM
To: Buyer, Remington
Cc: Stanley Sylvanus Postma; Matthew Paul Davidson (mpdavidson@ldschurch.org)
Subject: RE: Rental 1110
Attachments: MitAnalysis_Lakeview_Rental_1110.pdf

Hello Remington,

Attached is the Mitigation Analysis for WSB Rental 1110. The model indicates additional mitigation is not required.

Based on my discussions with Church staff, a combined diversion rate of 0.038 cfs for this rental (0.013 cfs per acre) is appropriate for this rental. They were barely keeping the grass green this year. If the application requires amendment from 0.06 cfs to 0.038 cfs, please let us know. Also, I believe that the rental period may also need adjusted to 1 year as the plan is to convert to surface water use.

Please let us know if an amendment is required or if you have any other questions.

Thank you,
Scott

From: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>
Sent: Thursday, August 23, 2018 3:20 PM
To: Scott King <SKing@spfwater.com>
Subject: RE: Rental 1110

Scott,

I double checked the amounts leased to and rented from the Bank for both water rights. The amounts rentable from both rights presently is:

Rentable from the Bank

WR	rate	vol	acres	rate/acre	vol/acre
35-7903B	0.03	10.8	2.7	0.011	4
35-14308	0.008	2	0.5	0.016	4

Authorized Rentable at 0.02 cfs/ac

WR	rate	vol	acres	rate/acre	vol/acre
35-7903B	0.03	6	1.5	0.02	4
35-14308	0.008	1.6	0.4	0.02	4
	0.038	7.6	1.9	0.02	4

Authorized Rentable at 0.016 cfs/ac

WR	rate	vol	acres	rate/acre	vol/acre
----	------	-----	-------	-----------	----------

35-7903B	0.03	7.5	1.88	0.016	4
35-14308	0.008	2	0.50	0.016	4
	0.038	9.5	2.38	0.016	4

Remington

From: Scott King [<mailto:SKing@spfwater.com>]
Sent: Thursday, August 23, 2018 2:56 PM
To: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>
Subject: Rental 1110

Remington,

We didn't discuss total volume enough for me to be clear. Can you fill this in for me / check work?

Right	cfs	acres	volume	cfs/acre	af/acre
35-7903B	0.03	2.7		0.01	
35-14308	0.01	0.5		0.02	

Thank you,
Scott

Scott N. King, P.E. | Supervising Engineer

SPF Water Engineering, LLC

300 E Mallard Drive, Suite 350 | Boise, ID 83706

phone 208.383.4140 | **fax** 208.383.4156

email sking@spfwater.com | **web** www.spfwater.com

The information contained in this e-mail is intended only for the individual or entity to whom it is addressed. Its contents (including any attachments) may contain confidential and/or privileged information. If you are not an intended recipient you must not use, disclose, disseminate, copy or print its contents. If you receive this e-mail in error, please notify the sender by reply e-mail and delete and destroy the message.

Mitigation Analysis Period

Trimester

One-Way Analysis of Independent Transfers

Water Bank Rental No. 1110 for Lakeview Property near Paul, Idaho

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT	Model Node
Transfer 1: Proposed Steady State Impacts following Transfer							
35-7903B	0.03		2.7	8/7/1980	3S33E24NESE	10.8 3.6	R81C127
35-14308	0.008		0.5	5/1/1973	8S29E26NWSW	2 0.7	R95C89
35-7903B	0.03		2.7	8/7/1980	3S33E24NESE	10.8 3.6	SP068066
35-14308	0.008		0.5	5/1/1973	8S29E26NWSW	2 0.7	SP068066
Transfer 1: Worst Case Transient State Impacts following Transfer							
35-7903B	0.03		2.7	8/7/1980	3S33E24NESE	10.8 3.6	R81C127
35-14308	0.008		0.5	5/1/1973	8S29E26NWSW	2 0.7	R95C89
35-7903B	0.03		2.7	8/7/1980	3S33E24NESE	10.8 3.6	SP068066
35-14308	0.008		0.5	5/1/1973	8S29E26NWSW	2 0.7	SP068066

Impact by Reach (AF/Trimester)

Ashton to Rexburg	Heise to Shelley	Shelley to Nr Blckft	Nr Blckft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
0.09	0.27	0.83	2.65	0.14	0.08	0.10	0.04	0.03	0.02	0.00
0.09	0.27	0.82	2.56	0.02	0.07	0.08	0.03	0.02	0.02	0.00
0.09	0.27	0.83	2.65	0.14	0.08	0.10	0.04	0.03	0.02	0.00
0.09	0.27	0.82	2.56	0.02	0.07	0.08	0.03	0.02	0.02	0.00

Steady State Analysis

Mitigation Check 1 - >10% of Historical:	0.5%	0.3%	-0.7%	-3.2%	-84.4%	-19.0%	-18.7%	-18.7%	-18.7%	-18.7%	-18.7%
Mitigation Check 2: > 2 AF/T:	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Mitigation Check 3 - >10% of Total:	2.2%	6.7%	20.6%	64.3%	0.6%	1.7%	1.9%	0.9%	0.5%	0.5%	0.0%
Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Transient State Analysis

Mitigation Check 1 - >10% of Historical:	0.5%	0.3%	-0.7%	-3.2%	-84.4%	-19.0%	-18.7%	-18.7%	-18.7%	-18.7%	-18.7%
Mitigation Check 2: > 2.01 AF/T:	0.0	0.0	0.0	-0.1	-0.1	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):	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Buyer, Remington

From: Buyer, Remington
Sent: Tuesday, August 21, 2018 10:22 AM
To: 'Matthew Paul Davidson'
Cc: Stanley Sylvanus Postma
Subject: RE: Status Emerson Water Bank Application
Attachments: Water Supply Bank Rental Applications 1110 and 1111

Matt,

I'm following up on my email and letters to you from earlier this month. We still need to obtain from the LDS Church ground water modeling for both rental applications 1110 and 1111 and we need to confirm which 1.9 acres are to be covered at the Bingham County church. Our office provided thirty days for receipt of the necessary information. If we don't receive the necessary information by September first, we will return the rental applications to you.

If you have not already done so, please forward to us the requested information. You can contact me if you have any questions.

Regards,

Remington Buyer

Water Supply Bank Coordinator
Idaho Department of Water Resources
322 East Front Street, Boise, ID, 83720
T: (208) 287-4918 | F: (208) 287-6700

From: Matthew Paul Davidson [mailto:mpdavidson@ldschurch.org]
Sent: Thursday, August 09, 2018 11:31 AM
To: Buyer, Remington <Remington.Buyer@idwr.idaho.gov>
Cc: Stanley Sylvanus Postma <StanleyPostma@ldschurch.org>
Subject: Status Emerson Water Bank Application

Remington,

Just wanted to follow up on this application we submitted in March of this year, see attached.

Thanks.

Matthew Davidson | P.E., Water Resources
NATURAL RESOURCES SERVICES - MEETINGHOUSE FACILITIES DEPARTMENT
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | CORP. OF PRESIDING BISHOP
50 East North Temple Street, 12th Floor | Salt Lake City, UT 84150-0012
Phone: 801-240-3263 | Cell: 801-835-2547 | E-mail: mpdavidson@ldschurch.org

Buyer, Remington

From: Buyer, Remington
Sent: Wednesday, August 01, 2018 4:18 PM
To: 'mpdavidson@ldschurch.org'
Cc: Condon, Mary
Subject: Water Supply Bank Rental Applications 1110 and 1111
Attachments: Information Request Letter.pdf

Matt,

Please find attached to this email a copy of an information request letter being issued today to you by our office. As is explained in the letter, our office requires additional information from you to continue processing Water Supply Bank rental applications 1110 and 1111. Effectively, both rental applications are missing ground water modeling be submitted. Answers to ground water modeling questions on the rental application forms indicated that modeling was being provided with the applications, however we did not receive any modeling with the applications. Information on how to complete ground water modeling for rental applications can be found online, [on our website](#).

Additionally, to avoid enlargement in the rental use of water rights 35-7903B and 35-14308, the number of irrigable acres needs to be reduced under these rights, to increase their per-acre diversion rates to 0.02 cfs/acre, which is the diversion rate presently authorized under water right 35-8152. However, due to the limited extent of water use that can be rented under water rights 35-7903B and 35-14308, it appears that the maximum irrigable area possible at the Bingham County Meetinghouse is going to be 1.9 acres, not 3.0 acres, as requested. As such, we'll need you to confirm to us which 1.9 acres should be irrigated under rental 1110.

If you have any questions about the above, you can reach me in the office tomorrow, August 2nd. I will be out of office on Friday August 3rd through Friday August 10th, returning to work on Monday, August 13th. If you can provide the requested information in advance of the 13th, please address it to the attention of Mary Condon (cc'd), who works with me in the Water Supply Bank. Mary may be able to continue processing on your applications while I am away. Else, I will look for the information once I'm back.

Regards,

Remington Buyer
Water Supply Bank Coordinator
Idaho Department of Water Resources
322 East Front Street, Boise, ID, 83720
T: (208) 287-4918 | F: (208) 287-6700



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

August 1, 2018

MATT DAVIDSON
LDS CHURCH
50 E NORTH TEMPLE, 12TH FLOOR
SALT LAKE CITY UT 84150-0012

**RESPONSE DEADLINE:
SEPTEMBER 1, 2018**

RE: Action Required on WSB Rental Application Numbers 1110 and 1111

Sir,

The Department of Water Resources (Department) has reviewed your application to rent water rights from the Water Supply Bank. The following items are required to continue processing of your application:

- Ground water modeling information for both applications 1110 and 1111; and
- Confirmation of 1.9 acres to be irrigated at Bingham County Meetinghouse

Because rental applications 1110 and 1111 both propose a diversion of ground water from the Eastern Snake Plain Aquifer (ESPA), evaluation of ESPA ground water modeling for both rental requests is required to ensure no injury occurs to prior appropriated water rights. Question 3H on both rental applications was answered in the affirmative, indicating that modeling was being provided with the applications, however no modeling was included with the paper applications received by our office.

Additionally, rental application 1110 (specific to the Bingham County Meetinghouse) will augment water right 35-8152, which authorizes irrigation of up to 1.0 acres, with a diversion rate of 0.02 cfs/acre. Application 1110 requested a rental of water rights 35-14308 and 35-7903B to satisfy irrigation of a 3.0 acre field. Water rights 35-14308 and 35-7903B authorize irrigation diversion rates of 0.016 cfs/acre and 0.011 cfs/acre, respectively. In order to avoid enlargement in water use, the total acres authorized to be irrigated via a rental of these water rights should be reduced, to enable a per-acre irrigation diversion rate of 0.02 cfs/acre, in alignment with water right 35-8152. The maximum area irrigable via an acre-reduced rental of water rights 35-14308 and 35-7903B is 1.9 acres. As such, once modeling is received and evaluated for application 1110 (for the movement of water rights 35-14308 and 35-7903B to the point of diversion associated with water right 35-8152) the Water Supply Bank can authorize a combined rental diversion rate of 0.038 cfs and 7.60 acre feet annually, for irrigation of 1.9 acres, once you identify for our office the specific 1.9 acres of the 3.0 acre field that will be irrigated.

Please note diversions of ground water for purposes associated with your rental request are not authorized until all rental fees are paid and you and the Department have both signed and executed the rental agreements. Our office did receive rental payments of \$120 (receipt ID C105230) and \$228 (receipt ID C105233) for both rental applications. My estimates are that 12.8 af may be rented under application 1110, while 9.0 af may be rented under application 1111. At the current rental rate is \$20/af, your rental payments may be \$436, which would require an additional payment of \$88. In any event, rental fees will not be requested until a favorable recommendation can be made regarding your rental requests. Please provide our office with the items listed above before the response deadline listed at the top of this letter so that we can continue processing your applications.

If you have any questions, please contact me at 208-287-4918.

Regards,

Remington Buyer
Water Supply Bank Coordinator