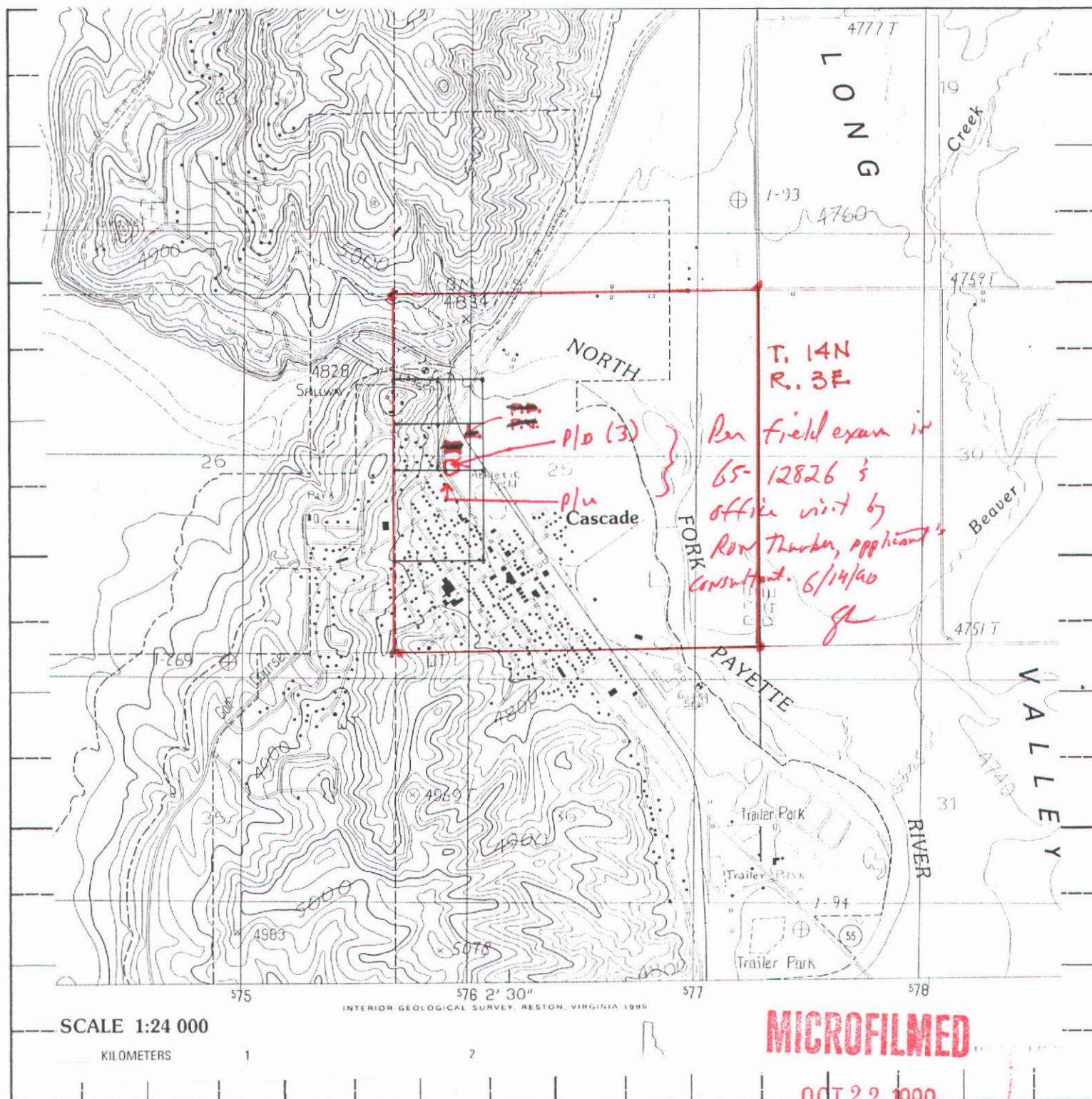


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.

L.D.S. Church
 (Applicant)
 L.D.S. Church Physical Facilities
 Regional Manager

65-13248

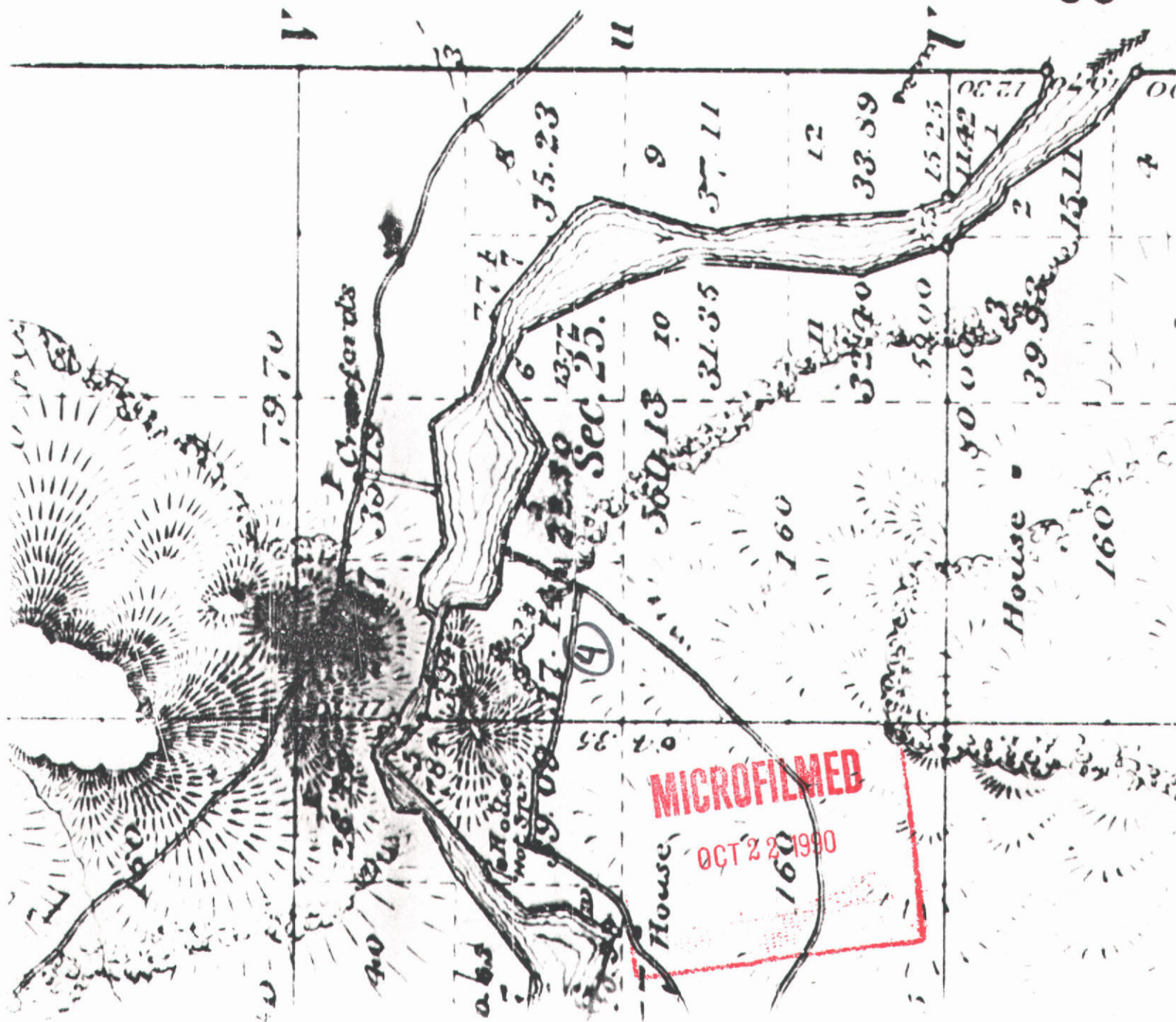
14N

36

5.25

1' SWNW 64

NWSW



MICROFILMED

OCT 22 1990

160

House

House

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15.11

11.42

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Affidavit of publication

STATE OF IDAHO

COUNTY OF VALLEY

I, Fred K. O'Brien, being duly sworn deposes and says, I am the Publisher of *The Advocate*, a weekly newspaper published at Cascade, in Valley County, Idaho; and having a general circulation therein and of legal status in said county.

The *App. Water Right, 65-13248*, a copy of which is attached hereto, was published in said newspaper once a week for 2 consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began:

7-4, 19 90

and ended 7-12, 19 90

[Signature]

Subscribed and sworn before me, this the

16th day of July, 19 90

On this 16th day of July, 19 90

I, a Notary Public in and for the State of Idaho, state that said person, Fred O'Brien, did in fact present me with this document and I did witness his signature on the document.

[Signature]

Rayola Harvey, Notary Public, residing at Cascade, Idaho

Comm. Expires: 6/6/93

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OCT 22 1990

RECEIVED
JUL 18 1990

Department of Water Resources
Western Regional Office

PUBLIC NOTICES

NOTICE OF APPLICATION FOR WATER RIGHT

The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

65-13248 *✓st*
CHURCH OF JESUS CHRIST, LATTER DAY SAINTS

A UTAH CORPORATION SOLE
50 E. N. TEMPLE
SALT LAKE CITY, UT 84110
Source: GROUNDWATER
Diversion Pt: LOT 4 (SESWNW) Sec 25
T 14N R 03E

Use: HEATING (.260 CFS)
COOLING (.260 CFS)
Total Diversion: (.260 CFS)
Date Filed: 3/15/1990
In: T14N R03E S25 Lot 4 (SWNW)
NWSW

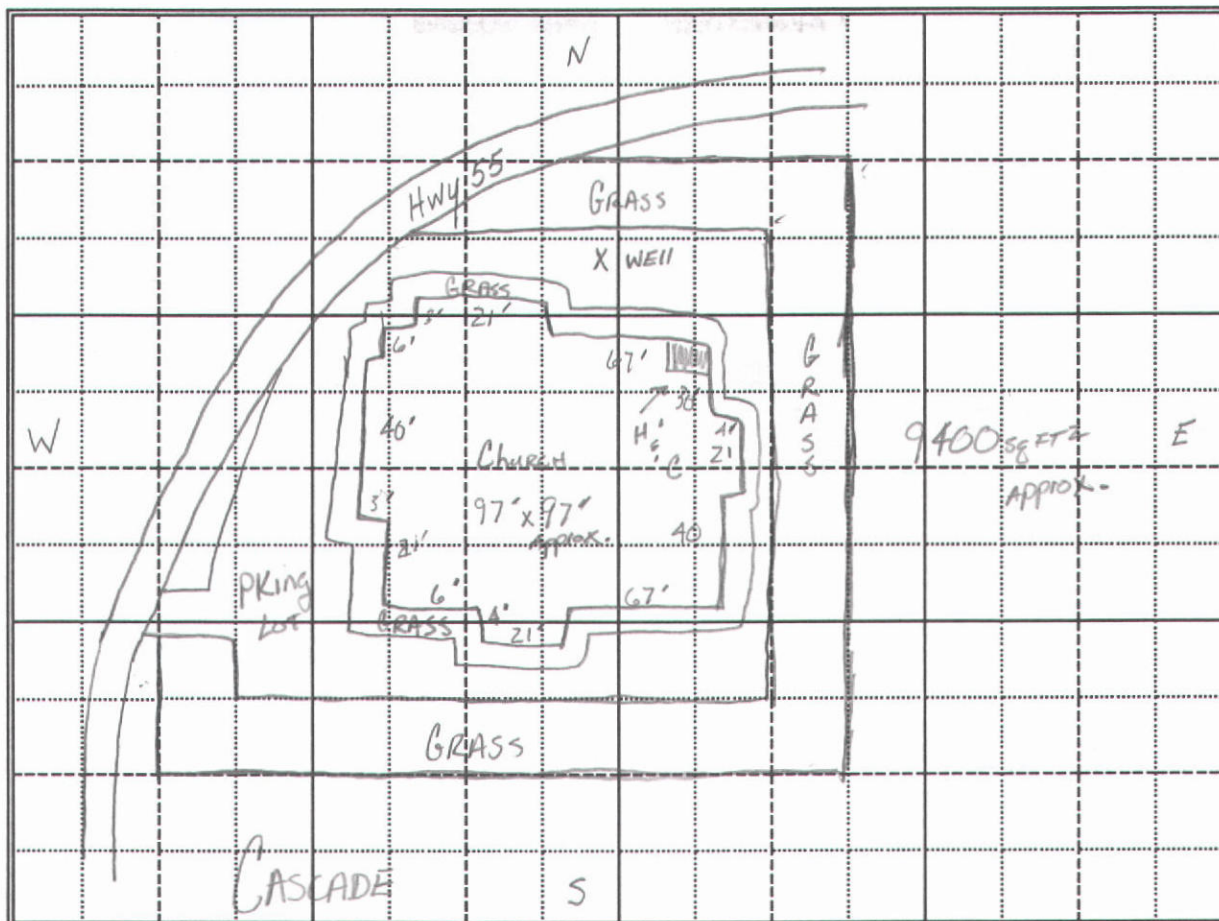
65-13255
MC KINNEY, BERT
11331 W. PATTLE CT.
BOISE, ID 83704
Source: SPRING
Tributary: SINKS
Diversion Pt: SWSENE Sec 27 T 14 N R
04E

Use: IRRIGATION (.040 CFS)
STOCKWATER (.020 CFS)
DOMESTIC (.040 CFS)
Total Diversion: (.040 CFS)
Date Filed: 5/11/1990
In: T14N R04E S27 SENW
2.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho, 83705 on or before JULY 23, 1990

R. KEITH HIGGINSON, Director
Published 7/4/ 1990 & 7/12/1990

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" =

☒ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

☒ Aerial Photo Attached (required for irrigation of 10+ acres)

☒ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
SUBMERSIBLE	—	7½	—	—	—

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: THEORETICAL ; $\frac{7\frac{1}{2} \text{ HP} \times 8.8 \times .70}{(2.3 \times 40\pi) + 245} = \frac{46.2}{337} = .14 \text{ cfs}$ SYSTEM CAPACITY

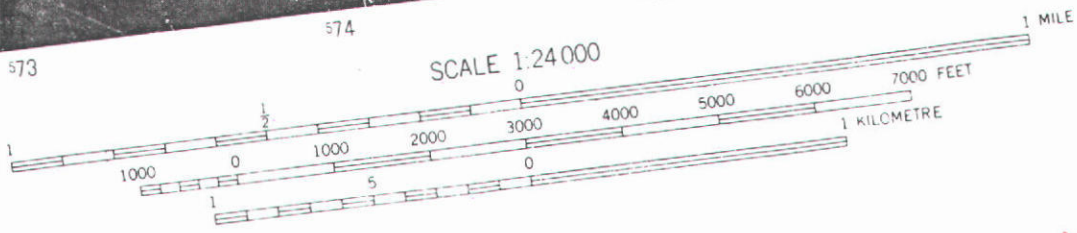
DEC 15 1984

RECEIVED

MICROFILMED

PERMIT 65-13218 INIT Def
 T. R. S. Q/Q
 P/D 14N 3E 25 144 Section NW
 SCALE _____
 PHOTO ID. 1

↑
 Plu Pld



R3E R4



MICROFILMED
 APR 16 1998



VIEW OF WELL. LOCATED ON
THE NE SIDE OF THE
PROPERTY.

PHOTO ONE-

>



VIEW OF P/u.

PHOTO TWO-

MICROFILMED
APR 16 1998

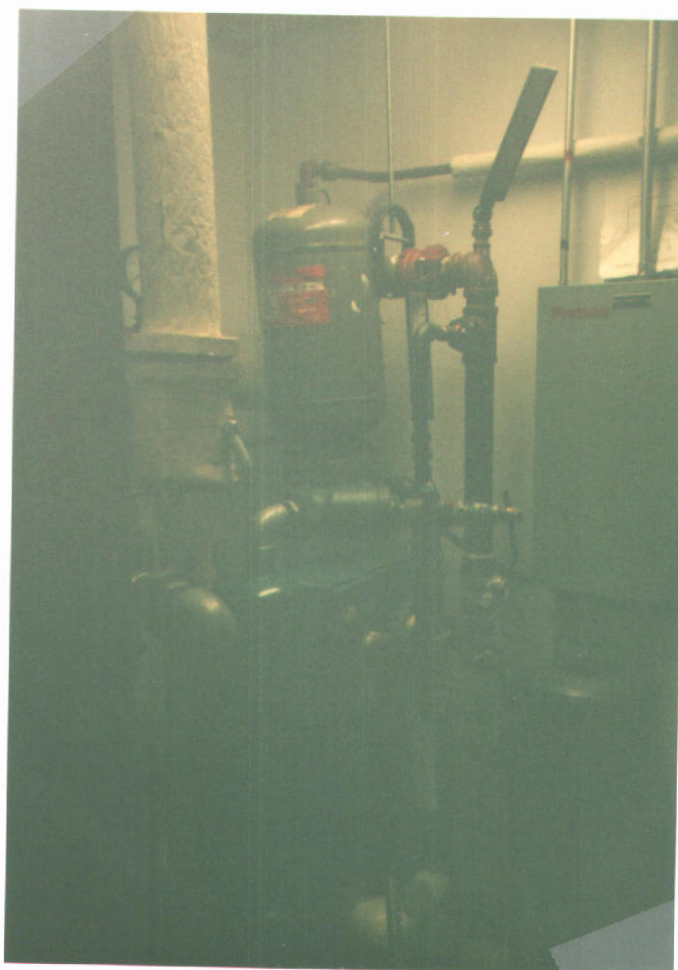


PHOTO THREE-

>

VIEW OF THE HEATING & COOLING SYSTEM.
LOCATED IN THE CORNER OF THE BUILDING.

PHOTO FOUR-

MICROFILMED
MICROFILMED
APR 16 1998

PROCESSING

APPLICATION NO. 65-13248

YES NO

☒ ☐
☐ ☒
☒ ☐

In form for advertising:

Statewide advertising:

Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

I.D. Health and Welfare

I.D. Fish and Game

I.D. Lands

Adjudication Bureau

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

U.S. BLM

U.S. Forest Svc.

Water Dist. # _____

Other _____

FINAL REGIONAL PROCESSING REVIEW

YES NO

☒ ☐
☒ ☐

Affidavit of publication received:

Application published correctly: If not, record action taken.

☒ ☐
☐ ☒

Publication dates and paper recorded on application:

Protests received. Final date for protest July 23, 1990

Protest dates, resolution of protest recorded on application:

Recommendations attached: Approve, Over

Measuring device required:

Measuring port required:

Water delivered by water master? District # 65-P05

Special conditions of approval or cover letter:

26A (allow 3 years) This water right does not allow injection. Any proposed injection must be reviewed under the injection well rules and regulations. (Use condition 09A)

See below for additional information

Recommended Date or Priority 3/15/1990Recommended by: OverDate 9/12/1990

STATE OFFICE REVIEW

P05, P23P1446 26 tk (green above) 09CSee below for additional information. By kwDate 9-20-90

ADDITIONAL INFORMATION

Overlap

p/d - 65-12826 includes 2 of same 3 wells in Application. See 6/14/90 conv. memo.
65-09798 different well.

P/m - 65-12826 (See p/d above) for irrigation of LDS Church grounds & for heat/cool of current building (Phase 1). Phases 2 & 3 include new buildings adjacent to current bldg. Appl. 65-13248 is therefore to cover more H₂O for other bldgs.
65-09798 (See p/d above) domestic use on other land.

* No delay in d.o.p. since total cfs in Appl. has not changed.

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 65-13248

Priority: March 15, 1990

Maximum Diversion Rate:

0.14 CFS

Maximum Diversion Volume:

35.3 AF

This is to certify, that CHURCH OF JESUS CHRIST LATTER DAY SAINTS

REAL ESTATE DIVISION

12TH FLOOR

50 E N TEMPLE

SALT LAKE CITY UT 84150

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated March 15, 1990; and has submitted Proof of Beneficial Use on November 15, 1990. An examination indicates that the works have a diversion capacity of 0.140 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
HEATING	01/01 to 12/31	0.11 CFS	23.1 AF
COOLING	01/01 to 12/31	0.14 CFS	12.2 AF
	Totals	0.14 CFS	35.3 AF

LOCATION OF POINT(S) OF DIVERSION: Lot 4(SWNW), Sec. 25, Township 14N, Range 03E
VALLEY County

PLACE OF USE: HEATING

TWN RGE SEC

14N 03E 25 Lot 4(SWNW)

PLACE OF USE:

COOLING, same as HEATING use

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license shall be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Return flow discharged to a subsurface system must be authorized by a separate injection well permit.
6. Heating and cooling uses are for a church building.

MICROFILMED
APR 16 1992

State of Idaho
Department of Water Resources

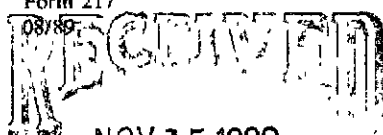
WATER RIGHT LICENSE

WATER RIGHT NO. 65-13248

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 5TH
day of MARCH, 1978.


Acting for KARL J. DREHER, Director

MICROFILMED
APR 16 1998



NOV 15 1990

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

#531-1896 Cascade

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

Permit No. 65-13248Telephone No. 801-240-4074Name(s) of Permit Holder(s): Church of Jesus Christ of Latter-day Saints

Real Estate Div., Natural Resource Sec., 12th Fl. E.

Post Office Address: 50 East North Temple St., Salt Lake City UT 84150Source of Water: GroundwaterIf ground water, well driller's name: _____ Date drilled: July 1990

Extent of Use:

Domestic _____ (No. of households)

Irrigation _____ (No. of acres)

Stockwater _____ (No. and type of stock)

Other Heating & CoolingTotal rate and/or volume for which proof is submitted 0.26 cfs _____ acre/feetShow date water was first diverted and beneficially used under this permit: 1990

One of the following may be a condition of approval of your permit:

Measuring device: Required? Yes X No Installed? Yes X No

OR

Flow Measurement Port: Required? Yes X No Installed? Yes X NoFee Enclosed: \$ 100.00 (See License Examination Fee Schedule)

Person to contact to accompany the Department representative during the field examination:

Mark Hodges
Name208-382-3333
Telephone560 N. Hwy 55, Cascade ID 83611
Address

Address

JAN 29 1991

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

Corporation of the Presiding Bishop of the Church of Jesus Christ of Latter-day Saints, a Utah Corporation sole

Date 11/12/90

Signature (and title if on behalf of a company or organization)

AUTHORIZED AGENT

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 65-13248

Proposed Priority: March 15, 1990 Maximum Diversion Rate: 0.26 CFS
This is to certify, that CHURCH OF JESUS CHRIST LATTER DAY SAINTS
50 E. N. TEMPLE
SALT LAKE CITY, UT 84110
has applied for a permit to appropriate water from: GROUNDWATER
and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
HEATING	01/01 to 12/31	0.26 CFS
COOLING	01/01 to 12/31	0.26 CFS
Totals		0.26 CFS

LOCATION OF POINT(S) OF DIVERSION: LOT 4(SESWNW), Sec. 25, Township 14N, Range 03E
VALLEY County

PLACE OF USE: HEATING

TWN RGE SEC

14N 03E 25 LOT 4(SWNW) NWSW

PLACE OF USE: COOLING, same as HEATING use

CONDITIONS/REMARKS:

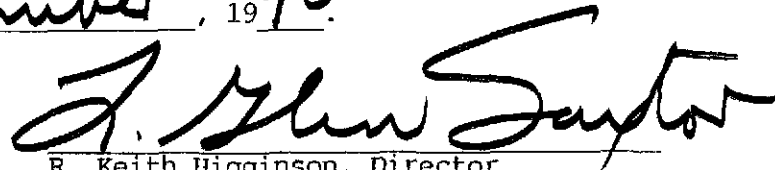
1. Proof of construction of works and application of water to beneficial use shall be submitted on or before October 1, 1993.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.
5. Return flow if discharged to a subsurface system must be authorized by a separate injection well permit, and return flow if discharged to a surface water system shall meet Idaho Water Quality Standards.
6. Three wells located within SESWNW S25, T14N, R3E.
7. This water right does not allow injection. Any proposed injection must be reviewed under the injection well rules and regulations.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this

27th day of September, 1990.

MICROFILMED

OCT 24 1990

for 
R. Keith Haggins, Director

RECEIVED
MAR 16 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident No. 65-13248

Department of Water Resources To appropriate the public waters of the State of Idaho

Corporation of the Presiding Bishop of the
Church of Jesus Christ of Latter-Day Saints,

1. Name of applicant A Utah Corporation Sole Phone 1-800-453-3860
(North America Northwest Area Office, P.O. Box 15309, Boise ID 83715)
Post office address 50 East North Temple, Salt Lake City, Utah 84110

2. Source of water supply ground water which is a tributary of N/A

3. Location of point of diversion is S.E. $\frac{1}{4}$ of S.W. $\frac{1}{4}$ of N.W. $\frac{1}{4}$, Govt Lot 4
Sec 25 Township 14N Range 3E B.M. Valley County; additional
points of diversion if any. 3 wells located within the described property - 2 existing
(3/14/90) and 1 to be drilled.

4. Water will be used for the following purposes:

Amount .06 for irrigation purposes from May 15 to Oct 15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .26 for heating & cooling purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .26 for cooling purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5 Total quantity to be appropriated is (a) .26 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a Description of ditches, flumes, pumps, headgates, etc. (1) 7½ H.P./40 Gal./Min.
(2) New pump in old injection well - 7½ H.P./30 G.P.M.
(3) Proposed new well at Phase III construction with new well - 7½ H.P./40 G.P.M.

b. Height of storage dam N/A feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage.

_____ to _____ inclusive.

c Proposed well diameter is (1) - 6"
(2) - 8"
(3) - 8" inches, proposed depth of well is (1) - 380 ft.
(2) - 400 ft.
(3) - 2 feet

d Is ground water with a temperature of greater than 90°F being sought? No

7 Time required for the completion of the works and application of the water to the proposed beneficial use is

5 years (minimum 1 year) Phase III building construction will proceed
based upon congregation attendance increase, and probably will occur within 5
years (1995).

* Heating & cooling described as separate uses per IOWA coding format. Irrigation
deleted and h/k changed from .20 to .26 cfs per office visit by
Ron Thurber, consultant for applicant. 6/14/90 JC

8 Description of proposed uses (if irrigation only, go to item 9).

- a. Hydropower; show total feet of head and proposed capacity in KW _____
- b. Stockwatering, list number and kind of livestock _____
- c. Municipal; show name of municipality. _____
- d. Domestic, show number of households _____
- e. Other; describe fully. Heat pump for church building, ~~landscape irrigation~~ **

9 Description of place of use.

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
14N	3E	25							X (L.4)										XX *
								H/C			H/C								**

Total number of acres to be irrigated Approx. 2 Acres

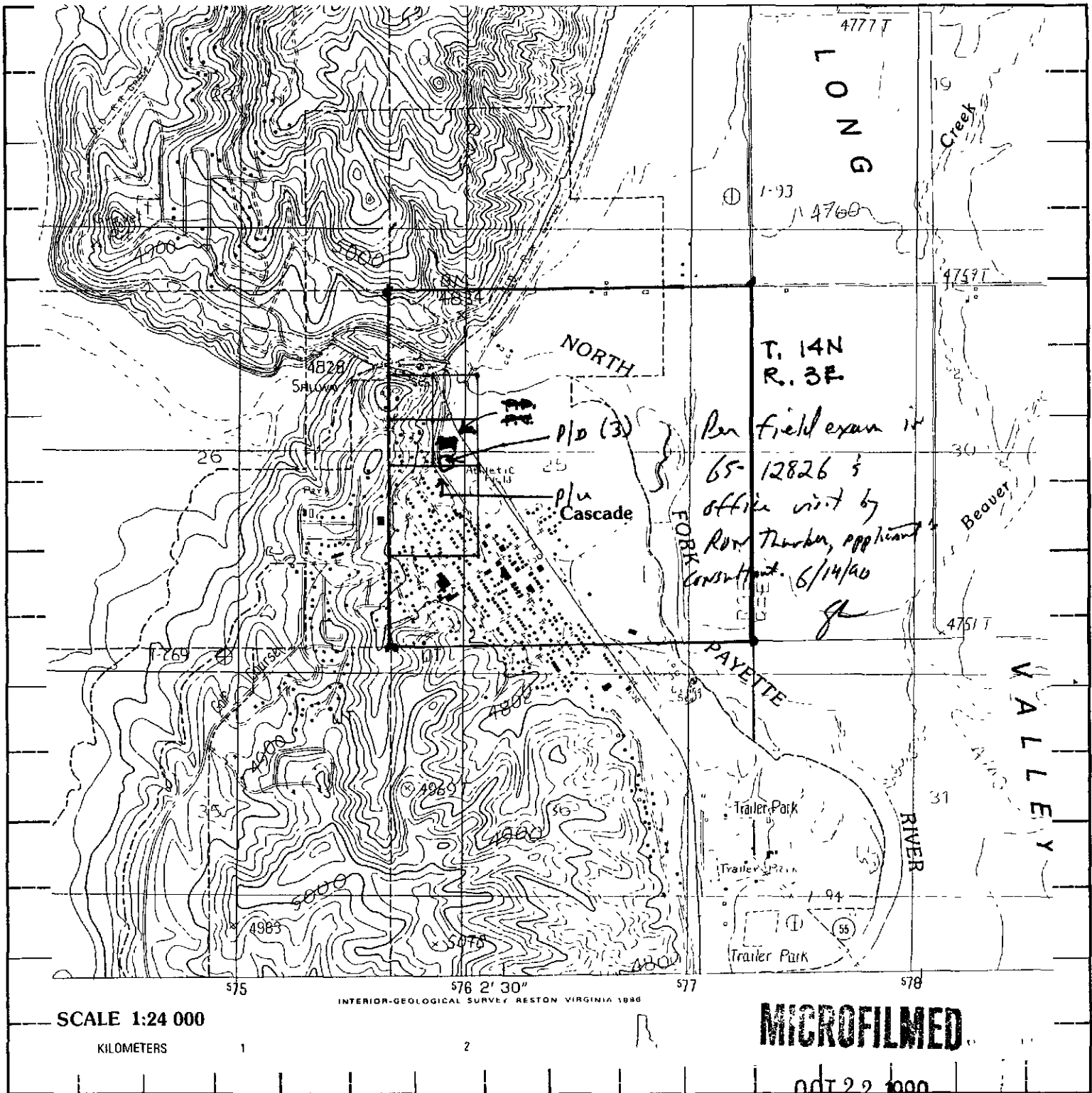
- 10 Describe any other water rights used for the same purposes as described above. Refer to 1988 Permit #65-12826 (different building)
- 11 a. Who owns the property at the point of diversion? L.D.S. Church
- b. Who owns the land to be irrigated or place of use? L.D.S. Church
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12 Remarks The two wells proposed by this application are an existing supply well, an existing injection well that is being converted into a ~~supply~~ well (1990), and a proposed third well that could be built within five years.

* Per conversation with Ron Thurber, applicant's architect. Gary S 3/15/90

** No irrigation; p/m in two tracts per office visit by Ron Thurber, architect, exam in 65-12826, 6/14/90, 92.

13. Map of proposed project. show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale 2 inches equal 1 mile

BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth

Randy J. Turner
(Applicant)
L.D.S. Church Physical Facilities
Regional Manager

← Rec'd a.o.p. = 3/15/90

Received by Ms. Gary S. Date 3/19/90 Time 2:35pm Preliminary check by Gary S. # 82
Fee \$ 45.00 Receipted by G. Schultz # C015654 Date 3/16/90 Assume check receipt with Appl. on 3/15/90
Publication prepared by GG Date 6-27-90 Published in the Advocate 7/4 & 7/11/90
Publication approved st Date 7-27-90 82

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No _____, and said application is hereby _____.

1 Approval of said application is subject to the following limitations and conditions

a SUBJECT TO ALL PRIOR WATER RIGHTS

b Proof of construction of works and application of water to beneficial use shall be submitted on or before _____, 19 ____.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit

e Other.

MICROFILMED

OCT 22 1990

Affidavit of publication

STATE OF IDAHO

COUNTY OF VALLEY

I, Fred K. O'Brien, being duly sworn deposes and says, I am the Publisher of *The Advocate*, a weekly newspaper published at Cascade, in Valley County, Idaho; and having a general circulation therein and of legal status in said county.

The App. Water Right, 65-13248, a copy of which is attached hereto; was published in said newspaper once a week for 2 consecutive weeks in the regular and entire issue of every number thereof during the period and time of publication, and was published in the newspaper proper and not in a supplement; and that publication of such notice began:

7-4, 19 90

and ended 7-12, 19 90

[Signature]
Subscribed and sworn before me, this the
16th day of July, 19 90

On this 16th day of July, 19 90
I, a Notary Public in and for the State of Idaho, state that said person, Fred O'Brien, did in fact present me with this document and I did witness his signature on the document.

[Signature]
Notary Public, residing at Cascade, Idaho
Comm Expires 6/6/93

MICROFILMED

OCT 22 1990

RECEIVED
JUL 18 1990

Department of Water Resources
Western Regional Office

WATER VOICES
NOTICE OF PUBLICATION FOR
WATER RIGHTS
The following water rights have been
duly appropriated the public lands of the
State of Idaho:
✓
CHURCH OF JESUS CHRIST, LATTER
DAY SAINTS
A CORPORATION, SOLE
SHEPHERD
SALT LAKE CITY, UTAH
Source: GROUNDWATER
Diversions Pt: LOT 4 (SESWNW) Sec 25
T14N R04E
Use: IRRIGATION (200 CFS)
COOLING (200 CFS)
Total Diversion: (400 CFS)
Date Filed: 5/11/1990
In: T14N R04E S25 Lot 4 (SESWNW)
N40W
25-13248
MCKINNEY, HERT
11331 W. PATTLE CT.
BOISE, ID 83704
Source: SPRING
Tributary: SINKS
Diversions Pt: SWSEWN Sec 27 T14N R
04E
Use: IRRIGATION (040 CFS)
STOCKWATER (020 CFS)
DOMESTIC (040 CFS)
Total Diversion: (040 CFS)
Date Filed: 5/11/1990
In: T14N R04E S27 SENW
20 ACRES TOTAL
The permit(s) will be subject to all
prior water rights. Protests must be filed
with the Director, Dept. of Water
Resources, Western Region, 2735 Airport
Way, Boise, Idaho, 83708 on or before
JULY 23, 1990
S. KEITH HIGGINSON, Director
Published 7/4/1990 & 7/12/1990 42



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

March 6, 1998

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
REAL ESTATE DIVISION
12TH FLOOR
50 E N TEMPLE
SALT LAKE CITY UT 84150

RE: WATER RIGHT NO. 65-13248

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed license confirming that a water right has been established in accordance with the permit referenced above. The license is a preliminary order issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department unless a party petitions for reconsideration or files an exception and/or brief as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the Department within fourteen (14) days of the service date of this order. The Department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5243(3), Idaho Code.

EXCEPTIONS AND BRIEFS

Within twenty-one (21) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding. Otherwise, this preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to this preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

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ORAL ARGUMENT

If the Department grants a petition to review the preliminary order, the Department shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Department in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Department may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The Department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of; or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

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The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

If you have any questions, please call me at 208-327-7946.

Sincerely,

A handwritten signature in cursive script that reads "Shelley W. Keen". The signature is written in dark ink and is positioned above the typed name.

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosure

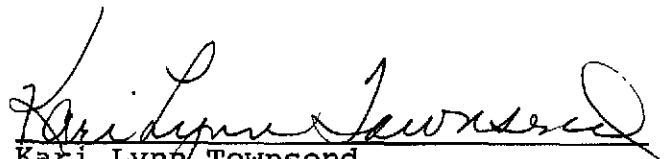
APR 16 1998

CERTIFICATE OF MAILING

I hereby certify that on the 6th day of March, 1998, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved License) to the person(s) listed below:

Water Right No. 65-13248

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
REAL ESTATE DIVISION
12TH FLOOR
50 E N TEMPLE
SALT LAKE CITY UT 84150


Kari Lynn Townsend
Secretary

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APR 16 1998

M E M O R A N D U M

TO: File 65-13248

FROM: Cindy Bird

DATE: March 3, 1998

RE: Discharged water

I spoke with Grant Cooper from the LDS Church this morning and he stated that the water is circulated through the heating and cooling system it is discharged into four seepage boxes.

MEMORANDUM

TO: FILE ~~65-13248~~
FROM: SHARLA CURTIS
RE: GENERAL REVIEW OF COOLING USE REQUIREMENTS
DATE: 02/04/98

RATE OF FLOW AND ANNUAL VOLUME FOR COOLING USE

GIVEN:

Source Temperature	=	63 degrees
Area/3 story bank w/basement	=	9400 sq. ft.
Temperature Outside	=	90 degrees
Temperature Inside	=	70 degrees
Building Efficiency	=	0.44
Temperature Required	=	72 degrees
Days temperature above 70	=	90 days
Hours per day temp above 70	=	12 hours

CALCULATIONS:

Single Floor Cooling Load	=	(82,720) btu/hr
Two+ Floor Cooling Load	=	(66,176) btu/hr
Temp. Drop Across System	=	-2.7 degrees

FLOW RATE:

Single Floor Flow Rate	=	61 gpm
	=	0.14 cfs
Two+ Floor Flow Rate	=	49 gpm
	=	0.11 cfs

VOLUME:

Single Floor Annual Volume	=	12.2 af
Two+ Floor Annual Volume	=	9.7 af

EFFICIENCY RATING INFORMATION **

0.28 Best energy efficiency rating
0.44 Good energy efficiency rating
0.67 Average energy efficiency rating
1.11 Poor energy efficiency rating

Heating volume based on 12 hrs/day, 212 days/year
 $.11 \times 212 \times 1.98 / 2 = 23.1 \text{ af}$

LICENSE REVIEW CHECKLIST

PERMIT NO. 65-13248

DATE 9/25/97

REVIEWER: SHARLA

NAME	Change <u>—</u>	OK <u>✓</u>	Address Change <u>NO</u>
SOURCE	—	✓	Is change clarification of originally intended source? <u>—</u>
POINT OF DIV	—	✓	If not, prepare Notice of Intent to Void <u>—</u>
PLACE OF USE	—	✓	Amendment required <u>NO</u>

Does map agree with written description? ✓ yes — no

OVERLAPS — P/D — P/U

RATE OF DIV

Permitted Rate	<u>.26</u> cfs
Fee limit	<u>1.0</u> cfs <u>\$100⁰⁰</u>
Measured	<u>—</u> cfs
Theoretical	<u>.14</u> cfs

Recommended Total Div Rate .14 cfs

**ANNUAL VOLUME/
NATURE OF USES**

<u>✓</u>	Use <u>Heat</u>	cfs <u>.11</u>	Volume Calc <u>23.1</u> af
	<u>Cool</u>	~~.14~~	~~12.2~~ af
			af
			af
	SUBTOTAL	<u>.14</u>	<u>35.3</u> af

(.14 x 12.2 af)

Flow rate .11 cfs X 212 days X 1.98 = 23.1 af

Total volume recommended — af

(SUBTOTAL or Flow Rate, whichever is less)

REMARKS

CONDITIONS — Watermaster Control WD# —
— GW Measurement/Measuring Device
— Overlap
— Use-specific conditions

Advancement of Priority Date Required — yes ✓ no

SRBA Claim Filed NA
 Adjustment Memo —

1st Amend Letter NA
 2nd Amend Letter NA

Cool rate/volume
 heat volume

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT**RECEIVED**
DEC 12 1994
Department of Water Resources**A. GENERAL INFORMATION**Permit No. 65-132481. Owner: CHURCH OF JESUS CHRIST LATTER DAY SAINTS Phone No. 376-8272Current Address: 50 E N Temple Salt Lake City UT 841102. Accompanied by: JOHN HARDEN EXAM DATE: 7-6-94Address: SAME Phone No. SAMERelationship to Permit Holder: SAME3. Source: GROUNDWATER tributary to NA**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: 65-12826 - diff well in different building
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM**1. Point(s) of Diversion:**

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	4	12	24	NW	25	14N	3E	VALLEY	QUADS - FIELD EXAM

2. Place(s) of Use:

Indicate Method of Determination

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	3E	25							H ₁ C										H ₁ C

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N

HWY 55

GRASS

X WELL

GRASS

40'

5'

21'

97' x 97' approx.

Church

67'

6'

21'

GRASS

GRASS

9400 SEFT 2 APPROX.

E

W

CASCADE

5

✓

1/A

Photo

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
SUBMERSIBLE	—	7½	—	—	—

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: THEORETICAL; $\frac{7\frac{1}{2} \text{ HP} \times 8.8 \times .70}{(2.3 \times 40 \text{ ft}) + 245} = \frac{46.2}{337} = .14$ SYSTEM CAPACITY

REF ID: A624

RECEIVED

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E. NARRATIVE/REMARKS/COMMENTS

THE CHURCH HAS USED A 6", 560' WELL WITH 63° WATER FOR A HEATING & COOLING SYSTEM. THE WELL HAS A STATIC WATER LEVEL OF 7' and a dynamic of 245'. THE SYSTEM IS USED Sept-May FOR HEATING OF THE 9400 SQFT² (APPROX) BUILDING AND IS USED JUNE-AUGUST TO COOL. THE WINDOWS ARE DOUBLE PANELED & THE INSULATION IS GOOD. FROM 100-350 PEOPLE USE THE FACILITIES DAILY. THE SYSTEM RUNS AT 40 PSI.

Have conditions of permit approval been met? ☒ yes ☐ no

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Additional Computation Sheets Attached

System capacity = 14 CFS

HEATING; -11 CFS

Cooling: .04cFS

Flow RATE; $Q = \bar{E}$

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{D,R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.B.} \text{ and } V_{D.B.} =$$

$$70^\circ \text{ design HEAT LOAD} = E = (.28 \times (70 - 8) \times 940) \text{ Btu/hr}$$

$$E = (E \cdot (T_i - T_o)) A$$

$$(.28 \times 54) 9400$$

$$E = 142,128 \text{ BTU/hr}$$

$$At_s = (.6)(80^\circ - 76) = 10$$

$$\Delta T_s = (.6) (S - T_i)$$

CONSTANT WATER desired
TEMP TEMP

$$= Q = \frac{142128}{500(1.2)} = 47.79 \text{ m}^3/\text{day}$$

$$= .11 \text{ CFS}$$

TEMP
AT
EVAPORATOR
(T Pump in use)

2. Volume Calculations for Other Uses:

Sept-May
VOLUME FOR HEATING; .11 CFS X 273 X .66% of day 1.9835 = 39 AFA

Volume for Cooling; $.04 \text{ cfs} \times 92 \times .6690^{\text{used}} \times 1.9835 = 4.8 \text{ AFA}$

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Heating	1-1	12-31	.11 cfs	39 AFA
Cooling	1-1	12-31	.04 cfs	4.8 AFA
		Totals:	.14 cfs	43.8 AFA

Change P.D. as reflected above

Add P.D. as reflected above

☒ None

Change P.U. as reflected above

Add P.U. as reflected above

Other

I. AUTHENTICATION

Field Examiner's Name _____

Date 7-25-94

Reviewer

Date

SEAL

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APR 16 1968

HEATING & COOLING FOR 65-13248 (LDS CHURCH)

HEATING: DESIGN HEAT LOAD = $E = e \cdot (T_i - T_o) A$

$\downarrow$ insulation requirement $\downarrow$ desired Temp $\downarrow$ Average Temp for Area
 $\downarrow$ 56 ft² $\downarrow$ desired Temp

$.28 \times (70^\circ - (-8^\circ)) 9460 \text{ sq ft}$
 $E = 142,128 \text{ BTU/HR}$

Flow: TEMP DROP ACROSS SYSTEM = $\Delta T_s = (.6)(5 - T_i)$

$\downarrow$ constant $\downarrow$ WATER TEMP. $\downarrow$ desired Temp

REQ. FLOW RATE (cfs) = $Q = \frac{E}{500(\Delta T_s)} = .448.4$

$(.6)(80^\circ - 70^\circ) = 6$
 TEMP AT EVAPORATOR (HEAT PUMP USED)
 $\frac{142,128 \text{ BTU/HR}}{500(6)} = 448.4$
 $Q = .11 \text{ cfs}$

VOLUME: FLOW RATE X DAYS IN USE X $\frac{1}{3}$ OF DAY/USED X 1.9835

$Q_{AFA} = .11 \times \text{Sept-May } 273 \times .66 \times 1.9835$
 $= 39 \text{ AFA}$

COOLING: (SAME AS HEATING BUT T_o WILL CHANGE) $T_o = \text{JUNE - AUGUST } 85^\circ \text{ EST.}$

DESIGN HEAT LOAD: $E = .28 \times (70 - 85) 9400 \text{ sq ft}$
 $E = 39480 \text{ BTU/HR}$

Flow: TEMP DROP ACROSS SYSTEM: $\Delta T_s = (.6)(63^\circ - 70^\circ) = 4.2$

REQ FLOW RATE: $Q = \frac{39480}{500(4.2)} = .04 \text{ cfs}$

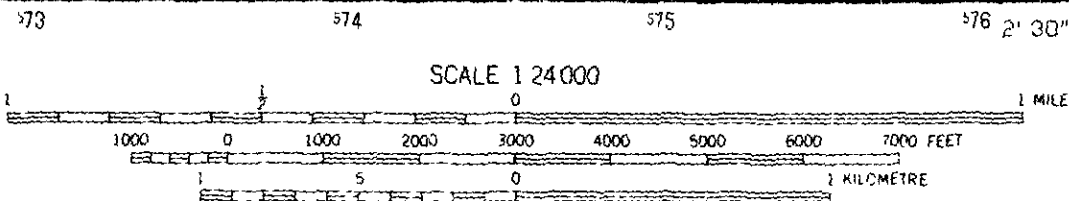
VOLUME: $.04 \times 92 \times .66 \times 1.9835 = 4.8 \text{ AFA}$

* NOTE: Formula is taken from "METHOD FOR ESTIMATING RATES OF FLOW FOR Geothermal HEATING SYSTEMS". ADAPTATIONS WERE MADE FOR THIS SYSTEM AS IT USES A HEAT PUMP. (Pg. 1)

APR 16 1998

PERMIT 65-13218 INIT df
T. R. S. Q/Q
P/D 14N 3E 25 114 de chm
SCALE
PHOTO ID. —

4
pla P18



R3E R4

MICROFILMED
APR 16 1978



IDAHO DEPARTMENT OF WATER RESOURCES
WELL INSPECTION FORM

RECEIVED
DEC 12 1994
Department of Water Resources

1. DRILLING PERMIT NO: 65-882-147 OTHER APPLICABLE NO: 65-12826
2. OWNER: LDS Church - Emma H Stake Phone: 365-3865
Address: 50 E N. Temple - Salt Lake City UT 84110 LT 4
3. WELL LOCATION: Twp 14N, Rge. 3E, Sec. 25, SE 1/4 SWNW 1/4
County Valley (Provide sketch map and photo on reverse.)
4. DRILLER: BESTRIN Lic. No. _____
When Drilled? 12-1-88
5. WELL CONSTRUCTION:
Casing Diameter 6 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 409 ft. Method Drilled Rotary/Air
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☐ Yes ☒ No Pressure Gauge: ☐ Yes ☒ No
Condition of Piping and Valving Good
Auger to a depth of 560 ft. Evidence of Annular Seal ☐ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION:
Depth to Static Water 7 ft. Water Temperature 63 °F
Flowing Artesian ☐ Yes ☒ No Pressure: N/A (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
☐ Domestic ☐ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: Heat - Cool

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APR 16 1998

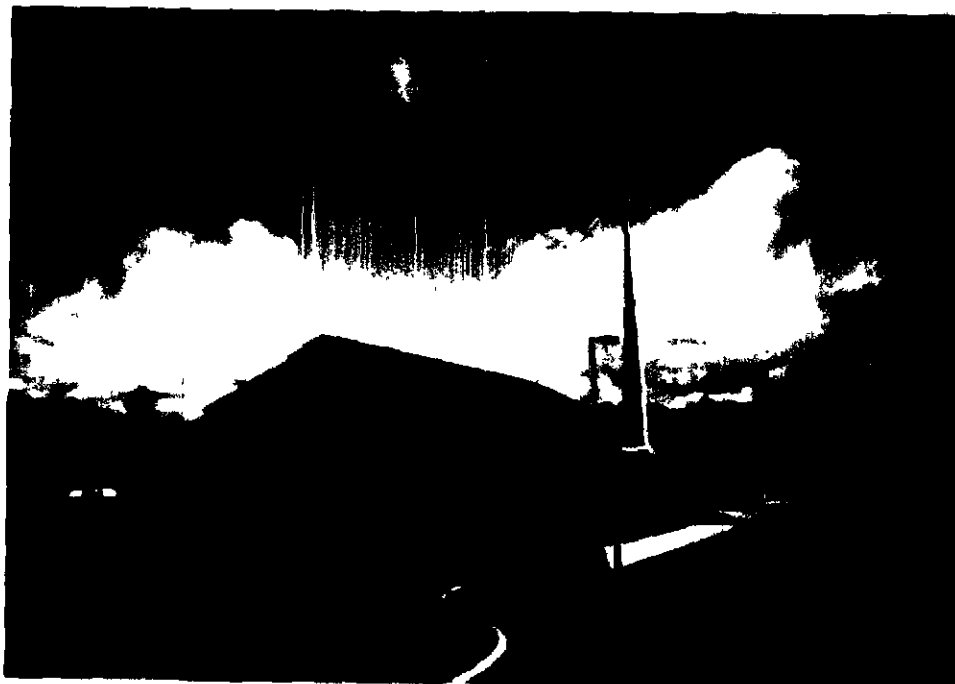
~~Department of Water Resources~~

USE ADDITIONAL SHEETS IF NECESSARY - FORWARD THE WHITE COPY TO THE DEPARTMENT



VIEW OF WELL LOCATED ON
THE NE SIDE OF THE
PROPERTY.

PHOTO ONE-



VIEW OF P/U.

PHOTO TWO-

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PHOTO THREE-



VIEW OF THE HEATING & COOLING SYSTEM
LOCATED IN THE LOBBY OF THE BUILDING.

PHOTO FOUR-

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MICROFILMED
APR 16 1998

January 3, 1991

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
50 E. N. TEMPLE
SALT LAKE CITY, UT 84110

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 65-13248

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

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JAN 29 1991

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 65-13248

Date: 11-30-90

General Considerations:

☒ Name same as permit
☒ Signature the same as permit holder
☒ Address change ☐ If yes, prepare a data entry
☒ Proof received timely
☐ Reinstated

Source of Water:

☐ Surface water
☒ Groundwater
☐ 1. well log in file
☐ 2. drilling permit
☐ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

☒ Rate of diversion appropriate for uses
☒ Is rate or volume and fee appropriate?
☒ Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

☒ Is a measuring device or access port required?
☒ Has one been installed?
☐ Waiver or modification of measuring device requested

Remarks: *Well same as 65-12826*
Prof acceptable

n/a Priority Calculation: *JB*
Date proof received _____
Date proof due _____
No. of days late _____
Priority date _____
NEW PRIORITY DATE _____

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY
SAINTS

REAL ESTATE DIVISION
Twelfth Floor, RM-1241
50 East North Temple Street
Salt Lake City, Utah 84150
Phone (801) 240-4074

Reference reply to:

November 12, 1990

RECEIVED
NOV 15 1990

Ms. Rita I. Fleck
Secretary/Records Manager
State of Idaho Dept. of Water Resources
1301 North Orchard St.
Statehouse Mail
Boise ID 83720

Department of Water Resources

Dear Ms. Fleck,

Attached are the signed documents with the required checks for the license examination for the water permits listed below. Please note that each water permit shows the property name, our property number and the fee according to your published schedule.

Permit #	Property #	Property Name	Fee
36-04209	504-2178	Emerson 1,2	100.00
36-04210	504-2240	Heyburn 1,2	50.00
36-10484	503-8677	Wendall 1,2&	0
36-11255	504-2011	Acequia 1,2,3	50.00
36-11256	501-9982	Rupert ID & W. Stakes Rec Prop	100.00
Total			\$300.00

25-07571✓	510-8977	Wel ID Idaho Falls Taylor View Fm	50.00
25-07572✓	515-3727	Idaho Falls 35,45, Home Ranch	50.00
25-07573✓	516-4362	Idaho Falls Sem. (Bonneville High)	0
25-07574✓	527-8333	Coltman 3, Idaho Falls 41	50.00
25-07575✓	527-7434	Idaho Falls Sem (Bonneville Jr.High)	0
65-12826	531-1896	ID Cascade	50.00
65-13248✓	531-1896	ID Cascade	100.00
Total			\$300.00

We thank you for your assistance.

Sincerely,

Ronald C. Johnson
Ronald C. Johnson
Water Analyst

RCJ:ja
enc.

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JAN 29 1991

S T A T E O F I D A H O

DEPARTMENT OF WATER RESOURCES

Statehouse
Boise, Idaho 83720
(208) 327-7900
October 1, 1990

CHURCH OF JESUS CHRIST LATTER DAY SAINTS
50 E. N. TEMPLE
SALT LAKE CITY, UT 84110

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 65-13248

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

Please note the requirement that as a permit holder you must commence the excavation or construction of diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The enclosed blue card must be completed and returned to this office as soon as you commence construction, no later than one year from the date the permit was approved.

We have enclosed a form entitled "Instructions for Proof of

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OCT 22 1990

Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a license.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ: SC
Enclosures

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OCT 22 1990

Form No. 202a.
3/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: SL DATE: 6/14/90 APPLICATION: 65-13248

REQUIRED INFORMATION

Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
Address:
Source: (See USGS Quad for names of water sources)
Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
County:
Quantity: (flow and/or volume) *Will submit flow rate just. further for heat/vol, see 6/14/90 comm memo*
Period of use: *Gov't. Lots: 4 P/D 9 P/U*
Nature of proposed use: (Include description of use)
Description of diverting works:
Time required for beneficial use of water: *Requesting 5 yrs, see 6/14/90 comm memo*
Place of use or acres irrigated:
Map:
Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
Fee:
Yes ☐ No* In form to receipt:

ADDITIONAL INFORMATION

YES	NO	
☒	☐	Overlapping place of use: (Describe source & relationship to present application on the back.)
☒	☐	Overlapping point of diversion:
☐	☐	Field check required: Field check by: _____
☐	☐	Field report attached:
☐	☐	Critical groundwater area:
☐	☐	Groundwater management area:
☐	☐	Diversion within interim protected river area
☐	☐	Send dam safety information:
☐	☐	Send power requirement letter:
☐	☐	Send fish farm requirement letter:
☐	☐	Power residency affidavit:
☐	☐	Power efficiency form:
☐	☐	Within trust water boundary: (If yes, attach Trust Water Supplemental Analysis Sheet.)
☐	☐	Diversion greater than 5 cfs or 500 af: (If yes, attach Large Diversion supplementary analysis sheet.)
☒	☐	*REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT
☒	☐	<i>Clarify uses relating to 65-12826, flow rate justified for heat/vol</i> DATE REQUESTED: <u>5/3/90</u> <i>Per letter response per office visit 6/14/90 and letter 6/21/90</i>
☒	☐	Additional information on reverse side:

RECEIVED
SEP 13 1990
Department of Water Resources

PROCESSING

APPLICATION NO. 65-13248

YES NO

☒ ☐
☒ ☐
☒ ☐

In form for advertising:

Statewide advertising:

Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

I.D. Health and Welfare

I.D. Fish and Game

I.D. Lands

Adjudication Bureau

YES NO

☐ ☒
☐ ☒
☐ ☒
☐ ☒

U.S. BLM

U.S. Forest Svc.

Water Dist. # _____

Other _____

FINAL REGIONAL PROCESSING REVIEW

YES NO

☒ ☐
☒ ☐

Affidavit of publication received:

Application published correctly: If not, record action taken.

☒ ☐
☒ ☐

Publication dates and paper recorded on application:

Protests received. Final date for protest July 23, 1990

Protest dates, resolution of protest recorded on application:

Recommendations attached: Approve, DM

Measuring device required:

Measuring port required:

Water delivered by water master? District # 05-P05Special conditions of approval or cover letter: none

26A (After 3 years) This water right does not allow injection of water and must be reviewed.
Under the small rules and regulations. (Use Condition 09A)

See below for additional information

Recommended Date or Priority 3/15/1990Recommended by: DMDate 9/12/1990

STATE OFFICE REVIEW

P05, P23P144/6 2/6 tk (green above) OACSee below for additional information. By FWDate 9-20-90

ADDITIONAL INFORMATION

Overlap

pld - 65-12826 includes 2 of same 3 wells in Application. See
6/14/90 cover memo.
65-09798 different well.

P/W - 65-12826 (see pld above) for irrigation of LDS Church grounds &
for heat/cool of current building (Phase 1). Phases 2 & 3 include
new buildings adjacent to current bldg. Appl. 65-13248 is
therefore to cover more H₂O for other bldgs.
65-09798 (see pld above) domestic use on other land.

* No delay in d.o.p. Since total cfs in Appl. has not changed.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Western Region
2735 AIRPORT WAY

Boise, Idaho 83705
(208) 334-2190

JUNE 27, 1990

The Advocate
P.O. Box 1079
Cascade, ID 83611

Dear Legal Dept.:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 23, 1990.

Yours truly,

GAIL GARRETT
Secretary

Encl.

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OCT 22 1990

65-13248

CHURCH OF JESUS CHRIST, LATTER DAY SAINTS
A UTAH CORPORATION SOLE
50 E. N. TEMPLE
SALT LAKE CITY, UT 84110

Source: GROUNDWATER

Diversion Pt: LOT 4 (SESWNW) Sec 25 T 14N R 03E

Use: HEATING	(.260 CFS)
COOLING	(.260 CFS)
Total Diversion:	(.260 CFS)

Date Filed: 3/15/ 1990

In: T14N R03E S25 Lot 4 (SWNW) NWSW

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MUSGROVE ENGINEERING

4619 EMERALD, SUITE D-1
BOISE, IDAHO 83706
384-0585

June 19, 1990

RECEIVED
JUN 21 1990

Idaho Dept. of Water Resources
2735 Airport Way
Boise, Idaho 83705

Department of Water Resources
Western Regional Office

ATTENTION: Steve Lester

RE: Cascade LDS Church - Estimated Water Use

Dear Mr. Lester:

Ron Thurber (Architectural Planning & Design) asked me to send you our calculations on the estimated water usage for the above referenced project. I have attached these calculations.

* { Water usage from the well is for building heating and cooling, as well as lawn irrigation. The building heating and cooling system is a water source heat pump system, and uses the well water as a heating or cooling medium.

Water usage for Phase I of this project was 35 gpm maximum, or .07 cfs. Estimated usage for Phase II (now under construction), is an additional 45 gpm, or .10 cfs. Phase III usage is estimated at 35 gpm, or .07 cfs.

} 80 gpm =
.18 cfs
but see
attached
pgs.

Please call if you need any additional information.

Very truly yours,

David O Musgrove
David O. Musgrove, P.E.

DOM/dkm

cc: Ron Thurber

enclosures

* Existing bldg. + lawn = 65-12826
Phase II + III = Appl 65-13248

SL

6/21/90

MICROFILMED
OCT 22 1990

MUSGROVE ENGINEERING
Mechanical Engineering
1082 N. Cole Road
BOISE, IDAHO 83704
(208) 377-5702

JOB CASCADE LDS PHASE II
SHEET NO. 1 OF 4
CALCULATED BY MS DATE 4/27/89
CHECKED BY _____ DATE _____
SCALE _____

ADDITIONAL CAPACITY REQD IN HEAT EXCHANGER

TOTAL HYDRONIC HEATING CAPACITY OF NEW UNITS:

HP-4 : 107,000 BTUH
HP-5 : 107,000
HP-6 : 54,000
HP-7 : 54,000
TOTAL : 322,000 BTUH

HEAT EXCHANGER

EXISTING CAP

HEATING WTR

GPM 35

TEMP 55°

P.D. 5.0

HEATED WTR

GPM 50

EWT 43°

P.D. 9.0

NEW CAP REQD

HEATING WTR

GPM 45

TEMP 55°

P.D. 14

HEATED WTR

GPM 124

EWT 43°

P.D. 30

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OCT 22 1990

DESIGN CONDITIONS

COOLING

80° ELWT, 80°/67° EAT

HEATING

50° ELWT, 70° EAT

UNIT HP-4 SELECTION

AIRFLOW REQD: 3000 CFM @ .6" ESP

AAF SIZE 93VW, 3000 CFM @ .6" ESP, 3HP FAN

MOTOR. COOLING CAP @ 24 GPM = 95 MBH

TOTAL, 63 MBH SENS. HEATING CAP @ 24 GPM

= 107 MBH. 208V, 3 ϕ .

UNIT HP-5 SELECTION

SAME AS HP-4

UNIT HP-6 SELECTION

AIRFLOW REQD: 1600 CFM @ .6" ESP

AAF SIZE 51-X, 1600 CFM @ .6" ESP. COOLING CAP

@ 13.1 GPM = 52 MBH TOTAL, 36 MBH SENS.

HEATING CAP @ 13.1 GPM = 54 MBH. 208V, 3 ϕ .

UNIT HP-7 SELECTION

SAME AS HP-7

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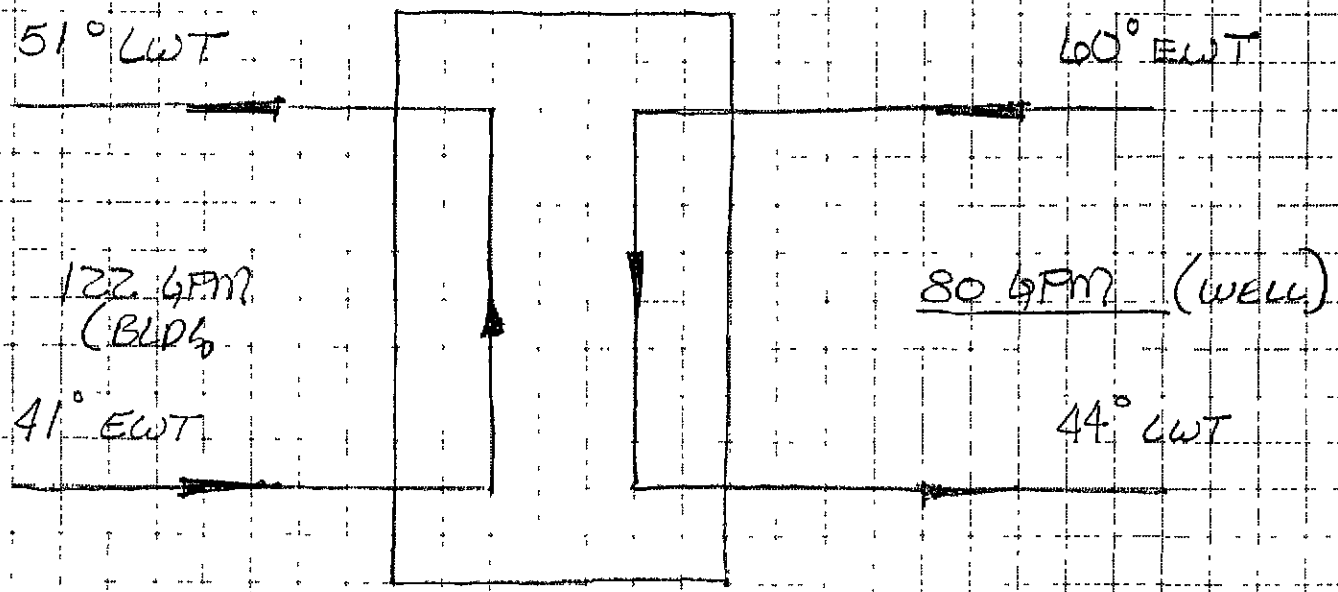
OCT 22 1990

SCALE _____

Cascade LDS Ward Chapel
Tranter UX-115-48
304 stainless

D-4-41640
Sales order no: 41640-A
INT. REF. NO. SC037719-33A

527,000
BTUH



HX

Bldg Side
(Heated Wtr.)

31 FT P.D.

Well Side
(Heating Wtr.)

14 FT P.D.

Holbrook 1-801-943-2441
Randy Treadway

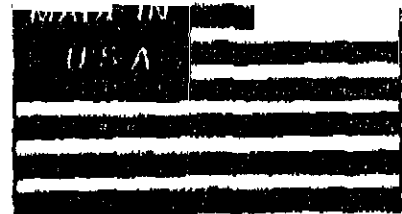
MicroFILMED

OCT 22 1990

SPECIFICATION SHEET

4 OF 4

142



CUSTOMER: L.D.S. CHURCH

EXPANDED
UNIT

PROPOSAL NO. BC #41640-33A R01
ITEM NUMBER A
SALES TECH. JEB

MODEL NO: UX-115 FRAME TYPE: UP PLATES PER UNIT: 60

NO. OF UNITS IN PARALLEL: 1 HEAT TRANSFER AREA: 124.9 SQ FT / UNIT.

[illegible]

* PERFORMANCE	** HOT SIDE ***	COLD SIDE	**
FLUID CIRCULATED	* WELL WATER	* BLDG WATER	* *
TOTAL FLOW RATE	* 80.00	* 122.00	* GPM
UNIT FLOW RATE	* 80.00	* 122.00	* GPM
SPECIFIC HEAT	* 1.00	* 1.00	* BTU/LB °F
SPECIFIC GRAVITY	* 1.00	* 1.00	* *
THERMAL CONDUCTIVITY	* .34	* .33	* BTU/HR FT °F
VISCOSITY	* 1.26	* 1.40	* CP AT AVG TEMP
INLET TEMPERATURE	* 60.00	* 41.00	* °F
OUTLET TEMPERATURE	* 44.42	* 51.20	* °F
PRESSURE DROP	* 6.24	* 13.40	* PSI
OPERATING PRESSURE	* UNKNOWN	* UNKNOWN	* PSIG
HEAT EXCHANGED	*****	625441.1	***** BTU/HR UNIT

* CONSTRUCTION				* PASS ARRANGEMENTS			
DESIGN PRESSURE	*	100	* PSIG	HOT	*****	COLD	
TEST PRESSURE	*	150	* PSIG	0 X	0	0 X	0
DESIGN TEMPERATURE	*	100	* °F	29 X	1	30 X	1
UNIT NET WEIGHT	*	882	* POUNDS				

* UNIT DIMENSIONS		* NOZZLE SPECIFICATIONS	
A (MAX) *	6.61"	LOCATION 1	H/I- 2"-304 SS-BTR
A (MIN) *	6.14"	LOCATION 2	C/O- 2"-304 SS-BTR
B *	31.38"	LOCATION 3	H/O- 2"-304 SS-BTR
C *	36.00"	LOCATION 4	C/I- 2"-304 SS-BTR
T *	1.50"		

```
* MATERIALS
  PLATES * 304 SS
  GASKETS * NBR
  NOZZLES * HOT-316LSS COLD-316LSS
  FRAME * CS EPOXY PAINTED
  BARS * STAINLESS STEEL CLAD
  BOLTS * CD PLATED CS
```

Plate price
AB. #58.33 each

* REMARKS: PERFORMANCE OF UNIT WITH MAXIMUM NUMBER OF PLATES ADDED.

"The SUPERCHARGER performance guarantee is based on the accuracy of the data presented above, and the customers ability to apply product and operating conditions in conformance with the above."

OCT 22 1990



06. 10/04/2004

CONVERSATION MEMORANDUM

DATE 6/14/90FILE 65-13248NAME OF PARTY Ron Thurber, ConsultantEMPLOYEE Steve LesterRE: LDS Appl., Cascade site, office visit

- ① no new land to be irrigated. Delete irrigation from appl.
- ② increase heating/cooling to .26 (original total flow in appl)
- ③ 3 p/d in SESW 1/4.

#1 = same well as source well in 65-12826#2 = " " " injection well " "#3 = a new well to be drilled

Injection well permit 65-W-002 in which original source well & injection wells were switched & cleared through State office.

Now proposing to use permitted injection well as another source well. Plan to inject H₂O from heating/cooling into series of shallow groundwater sites (<18') NE of the current 2 wells on site.

May need to discuss injection concept with John McCleod. Advised applicant to contact JM about this.

- ④ Heating/cooling is for a new building, a planned addition to current church. Need flow rate justification; will be supplied.

RONALD THURBER

Architectural Planning & Design Group
495 Main Street
Boise, Idaho 83702
208-345-4698

- ⑤ time needed - need 5 years due to possible 2-phase development that may be impacted by Val Bois project in Valley County.

- ⑥ PM SWW + NWSW

CC: State Office, John McCleod
File 65-12826 (S.O. + Region) -



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705 - (208) 334-2190

CECIL D. ANDRUS

GOVERNOR

R. KEITH HIGGINSON

DIRECTOR

May 3, 1990

Regional Manager
Corporation of the Presiding Bishop
Church of Jesus Christ of Latter-Day Saints
North America Northwest Area Office
P.O. Box 15309
Boise, ID. 83715

65-13240

RE: Application for Permit

Dear Sir:

Your recent application for permit for three wells for irrigation and heating/cooling at the Cascade LDS site was received at this office on 3/19/90. Please excuse the delay in responding; the Snake River Basin Adjudication resulted in numerous applications and caused delays, but the proposed date of priority is not affected by such delays.

Please respond to the following items to allow advertising and processing of the application to continue. Permit 65-12826 was examined for licensing on 10/17/89. A 6", 560' well was found that irrigates one acre and provides heating/cooling water to the church. Heating/cooling water was then injected into a 6", 360' injection well behind the church. The license recommendation included the maximum irrigation water for the acre and 0.07 cfs for heating/cooling purposes at the church building. Due to the recommendation (license recommended but not issued yet), changes in the new application may be required.

1) Irrigation of two acres in the SWNW (lot 4) S. 25 was mentioned. This is allowable if two additional acres are intended. If any of the irrigated land found on 10/17/89 is included in the application, the common area should be deleted from the application. Please identify any irrigation area common to 65-12826 and the proposed right. Also, the place of use for 65-12826 was identified as the SWNW and NWSW of S. 25 during the field exam. Unless any objections are raised, this information will be used to include both tracts in the place of use for the application.

2) The application mentions 0.20 cfs for heating/cooling for the site. The license recommendation for 65-12826 includes 0.07 cfs for these purposes at the existing church. For any additional water for the same purposes at the existing church, please provide documentation and justification for the desired rate of flow. Similarly, if other buildings (future development) be involved, the calculations to justify the desired rate of flow must be included.

RECORDED

OCT 22 1990

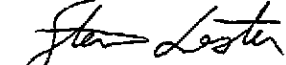
3) If more than one well does or will provide water to the existing irrigation and heating/cooling of the existing building, an additional point(s) of diversion must be added to permit 65-12826. After the new application is processed and if an approved water right is issued, an additional point(s) of diversion can be added to 65-12826 by filing an application for amendment.

Cascade LDS application, page 2

This will provide the proper water right protection of water uses at the Cascade LDS site.

A repsonse within 30 days will facilitate the application processing. Please contact me at 334-2190 or the above address for additional information.

Sincerely,



Steve Lester
Sr. Water Resource Agent

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