

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**A. GENERAL INFORMATION**

**Permit No:** 13-7965  
**Exam Date:** 07/24/2020

1. Current Owner:  
MERLIN C WEEKS 1710 W CENTER LEWISTON UT 84320 AND/OR  
DIANE S WEEKS 1710 W CENTER LEWISTON UT 84320
2. Accompanied by:  
Phone No:  
Address:  
Relationship to permit Holder:

3. **SOURCE:**  
BEAR RIVER

Tributary  
GREAT SALT LAKE

**Method of Determination:** Site Visit

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
25-11266 (State of Utah)	Bear River	Irrigation	

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis
13-2066	Bear River	Irrigation	License
13-7967	Bear River	Irrigation	Permit
13-7964	Bear River	Irrigation	Permit
13-8021	Bear River	Irrigation	Permit

**C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:

BEAR RIVER SE¼ SE¼, Sec. 20, Twp 16S, Rge 39E, B.M. FRANKLIN County

**Method of Determination:** Aerial Photography and site visit.



**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	
14N	01W	11		10.0	3.0														13.0

Total Acres: 13.0

Method of Determination: Aerial photography and site visit.



- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.05 0.1 0.2 Miles



3.
  - ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components.
  - ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
  - ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
  - ☒ Photo of Diversion and System Attached



**D. FLOW MEASUREMENTS**

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter	Magnetic	Seametrics AG 2000	AG2000-400	09126136	4"	



2. Measurements:

**E. FLOW CALCULATIONS**

Additional Computation Sheets Attached

Measured Method:

Measured Method: Pipeline to water right place of use contains a Seametrics AG 2000 magnetic flow meter. Measurement from field exam for State of Utah water right 25-11266 was used to verify flow rate.

$Q = 304.0 \text{ gpm (Utah field exam)} = 0.68 \text{ cfs.}$

Permit diversion rate = 0.26 cfs

Recommended rate = 0.26 cfs.

**F. VOLUME CALCULATIONS**

1. Volume Calculations for irrigation:

$$V_{IR} = 13 \text{ acres} \times 4.0 \text{ af} = 52.0 \text{ af}$$

$$V_{DR} = 0.26 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 110.4 \text{ af}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 52.0 \text{ af}$$

$$\text{Permit volume} = 48.0 \text{ af}$$

$$\text{Recommended volume} = 48.0 \text{ af.}$$

2. Volume Calculations for Other Uses:

**G. NARRATIVE/REMARKS/COMMENTS**

This water right authorizes the diversion of water from the Cub River Irrigation Co. diversion located on the Bear River in Idaho. The place of use is located just west of the City of Lewiston in the state of Utah. This water right represents the same use of water described under Utah water right 25-7162. Water is pumped from the Cub River Irrigation Company's pump station into a canal and then to another pump station with a large mainline that provides water to property describe under this right. A Seametric AG 2000 magnetic flow meter is installed on mainline that provides water to the 13.0 acre place of use. The place of use is irrigated with one ¼ mile wheel line containing 37 rain birds with 3/16 nozzles.

Have conditions of permit approval been met? ☒ Yes ☐ No

**H. RECOMMENDATIONS****1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	0.26 CFS	48.0 AF
<u>Totals:</u>		0.26 CFS	48.0 AF

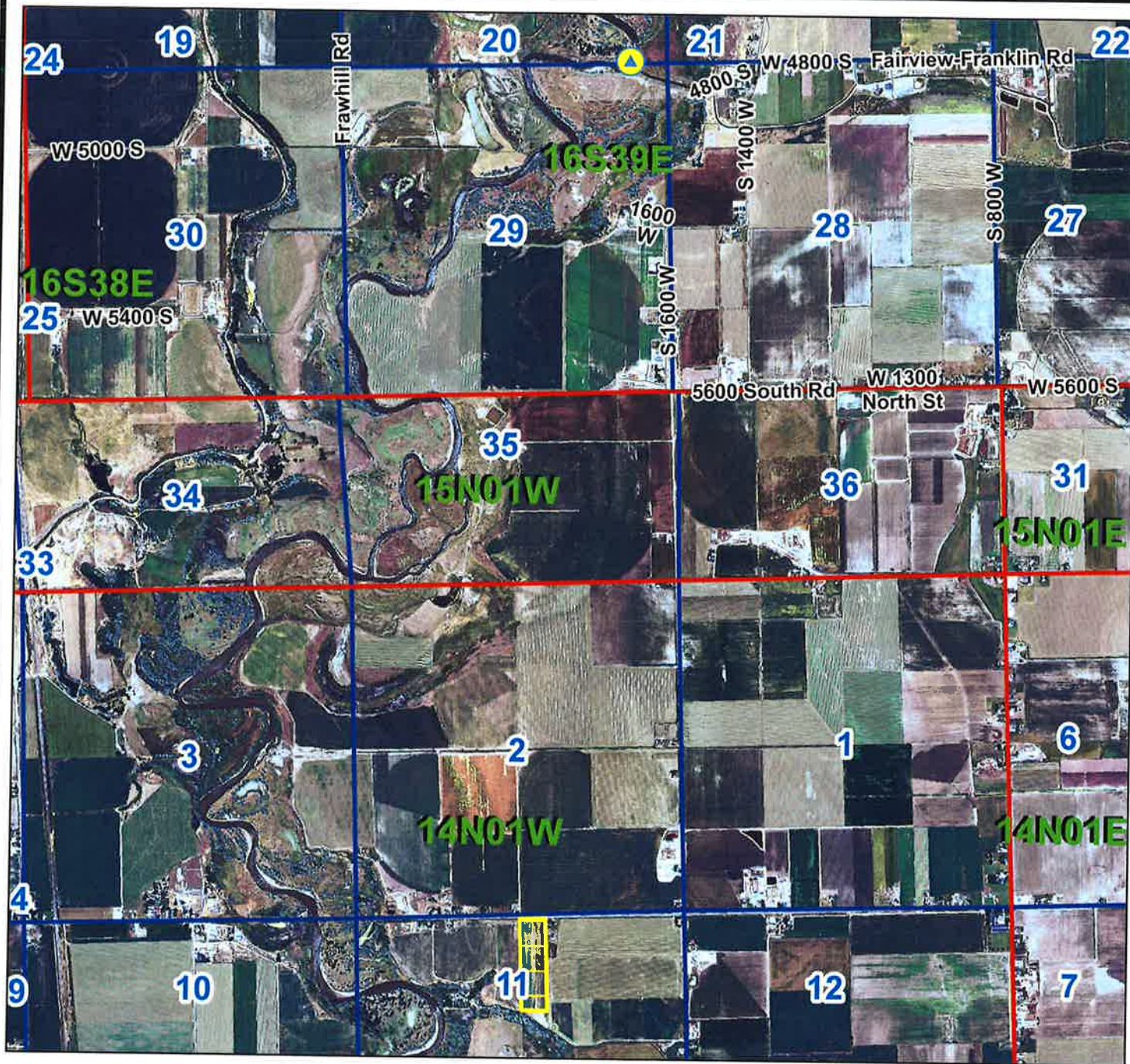
**2. Recommended Amendments**

☐ 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    ☒ None

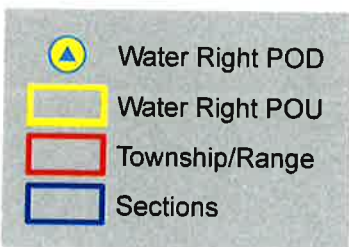
**I. AUTHENTICATION**

Blake Jordan - Water Rights Supervisor

Field Examiner's Name Blake Jordan Date 8/13/2020  
 Reviewer James Cefalo Date 8/14/2020







0 1,200 2,400 4,800 Feet  
1 inch = 2,400 feet





0 366.5 733 1,466 Feet  
1 inch = 733 feet

-  Water Right POU
-  Township/Range
-  Sections
-  QQ



# PROOF OF BENEFICIAL USE OF WATER

## STATE OF UTAH

### 1. TYPE OF PROOF

☐ Appropriation

☒ Change

☐ Exchange

Water Right No. 25-11266

Application No. a40566

Other Water Rights Under This Proof (applicable to proofs of change only).

### 2. OWNER DATA (Applicant submitting proof MUST be the current owner of record.)

Name Merlin C. Weeks and Diane S. Weeks

Telephone 435-232-6742

Street or Box No. 1710 West Center

City Lewiston

State Utah

Zip 84320

### 3. QUANTITY OF WATER

cfs and/or 48

ac-ft.

### 4. SOURCE OF WATER

Cub River Irrigation mainline

### 5. POINT(S) OF DIVERSION (Must be based on a competent land survey; all ties must be given by rectangular coordinates with reference to a regularly established U.S. land corner.)

Location: South 740 feet and East 410 feet from the North quarter corner Section 11 Township 14 North,

Range 1 West, Salt Lake Base and Meridian

Address (if applicable)

Description of Diversion and Carrying Works: Closed connection with meter to Cub River Irrigation buried mainline

### 6. POINT(S) OF REDIVERSION (If applicable, same format as diversions.)

Location:

Description of Works:

### 7. POINT(S) OF RETURN (If applicable, same format as diversions)

Location of Return to Natural Stream/Source:

Amount of Consumed Water:

cfs and/or

ac-ft.

Amount of Returned Water:

cfs and/or

ac-ft.

### 8. STORAGE (If applicable, describe reservoir, lake, etc.)

Facility Name (if any):

Capacity:

ac-ft.

Storage Period:

From:

To:

Dam Height:

Inundated Area

acres.

Legal Description of Storage Area (by competent survey):

### 9. SUPPLEMENTAL WATER RIGHTS FOR THE PURPOSES DESCRIBED HEREIN:

Proof

amounts in application, explain the supplemental rights in Item 9.)

Total Acres 15.4 Acres under this right: 91.92

Number and Kind of Stock \_\_\_\_\_

Number of Families \_\_\_\_\_ and/or Number of Persons \_\_\_\_\_

Name of City, District, etc. \_\_\_\_\_

Mine Name \_\_\_\_\_ Mining District \_\_\_\_\_

Type \_\_\_\_\_ Plant Name \_\_\_\_\_ Capacity \_\_\_\_\_

Description	Amount	Due Date
1. Cash	100.00	12/31/2023
2. Accounts Receivable	50.00	12/31/2023
3. Inventory	25.00	12/31/2023
4. Prepaid Insurance	10.00	12/31/2023
5. Property, Plant, and Equipment	150.00	12/31/2023
6. Intangible Assets	0.00	12/31/2023
7. Accounts Payable	30.00	12/31/2023
8. Long-Term Debt	75.00	12/31/2023
9. Equity	100.00	12/31/2023

irrigated land. Land irrigated is located in the West half of the West half of the Northeast quarter of Section 11,

15.4 acres of land are irrigated

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These documents shall be based on competent land surveys, signed and stamped by the licensed

engineer/surveyor, and submitted on standard drafting medium that is durable and reproducible with all

information legible and in black permanent drafting ink or other media of equivalent durability. Standard

mapping conventions must be used (north arrow, scale in both written and graphic form, legend describing any

symbols, etc.). Lines must be distinct. Shading or hatching may show irrigated acreage, but the boundary of the

irrigated area must be delineated. All property surveys must tie to the section-township-range survey for the area

of use, and basis of bearing for the bearings must be shown. Any public roads or other access information near

the surveyed property should be shown. The most convenient map sizes are 8 1/2" x 11" or 8 1/2" x 14"

the surveyed property should be shown. The most convenient map sizes are 8 1/2" x 11" or 8 1/2" x 14", particularly for irrigated acreages of 5 acres or less. Maps of small parcels should be drawn to the 1/4" = 100' scale.

particularly for irrigated acreages of 5 acres or less. Maps of small parcels should be drawn to the largest scale practical and at the least 1"=200'. There must be at least 1 1/2" margin at the top and 1 1/2" margin on the sides and bottom.

practical and at the least 1"=300'. There must be at least 1/4" margin at the top and 1/2" margin on the sides and bottom. The title block should appear on the lower right hand side of the drawing. The title block should contain the following information:

bottom. The title block should appear on the lower right-hand side of the page (the short side being the bottom). If the drawing is oriented horizontally, the dimensions should be 114.3 mm x 5 mm, and the title block should be 100 mm x 25 mm.

If a larger map is needed, the dimensions should be 24" x 36" with the title block in the lower right-hand corner

(the long side being the bottom). The title block must include the water right number, application number, survey

date, the applicant's name, proof professional's name and license number, and the section, township, and range

of the described parcel(s). Maps must not be folded.

Proof for Water Right Number 25-11266

Application Number a40566

12. **WATER MEASUREMENT** (Provide sufficient details to enable the State Engineer to compute the quantity of water measured in each case, including current meter notes, rating table, field observation notes, etc. Measurements must be made by engineer/surveyor or his/her authorized representative and may be made by vessel, weir, meter, rated flume, reservoir capacity table or other standard method. Where the source of supply is of fluctuating nature, a series of measurements should be submitted to show the variation and period(s) during which flow is available. The maximum diverted flow and/or acre-footage cannot exceed that approved in the application. If larger amounts are measured, control devices should be described.

Date(s) Water Measured June 24, 2020

Name of Measurement Taker Gerald Smith

Method of Measurement Read digital screen on Seametrics digital flow meter

Flow equals 304 gallons per minute

13. **EXPLANATORY** (Additional space for above items and to define use of water such as crop rotation plans, facility plans and capacities, operation schedules, lot numbers, mining claim numbers, sewage systems, etc. Use additional 8 1/2" x 11" pages if needed.)

**CAUTION:** File proof only if all desired development is done and the water is being fully put to beneficial use. Otherwise, consider requesting an Extension of Time. The water right will be limited to the extent and nature of use in the accepted proof.

**CERTIFICATE OF APPLICANT(S)** (MUST be complete before filing with the State Engineer.)

STATE OF Utah

COUNTY OF Cache

Having been duly sworn, I hereby certify that Timothy Christensen was employed to prepare Proof of Beneficial Use for Water Right No. 25-11266 Application No. a40566, and that to the best of my knowledge all information in the proof and all accompanying documents is accurate and complete and is free of fraud, misrepresentation, and omission of material fact.

Name Merlin C. Weeks

For \_\_\_\_\_

Check One: ☒ Owner/Co-owner ☐ Shareholder ☐ Agent (Power of Attorney must be provided.)  
☐ Appointed/Elected Representative (List title.) \_\_\_\_\_

Applicant's Signature \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Notary's Signature \_\_\_\_\_

Notary's Seal

Name Diane S. Weeks

For \_\_\_\_\_

Check One: ☒ Owner/Co-owner ☐ Shareholder ☐ Agent (Power of Attorney must be provided.)  
☐ Appointed/Elected Representative (List title.) \_\_\_\_\_

Applicant's Signature \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Notary's Signature \_\_\_\_\_

Notary's Seal

## STATE OF Utah

**COUNTY OF** Cache

Phone No. 208-852-1155

Preston, Idaho 83263

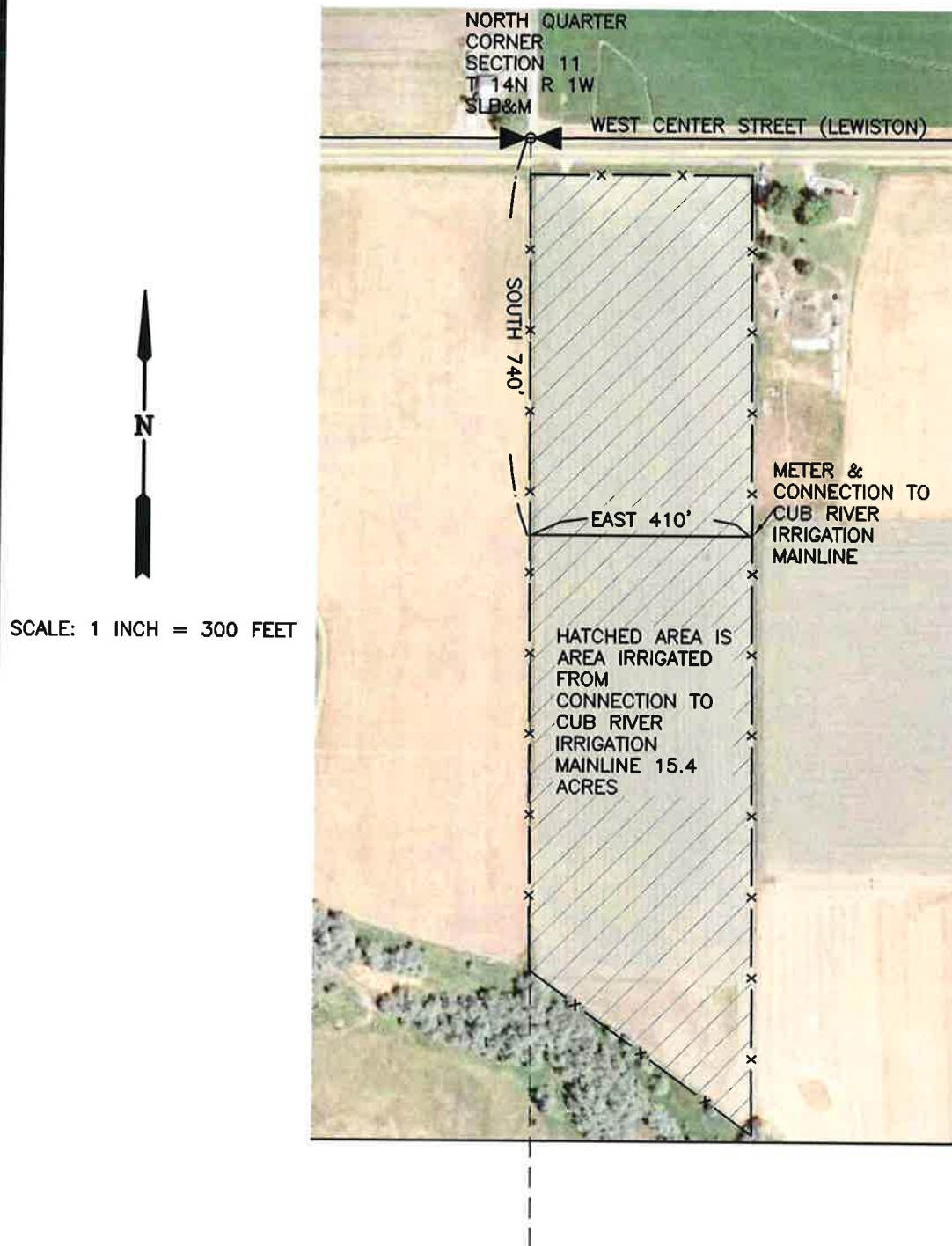
Water Right Number 25-11266

Number a40566

Proof Professional's Seal

Maps and drawings filed: Herewith -or- Hanger \_\_\_\_\_ Page(s)

Page(s)



PREPARED BY TIMOTHY CHRISTENSEN LS # 375041  
A.A. HUDSON AND ASSOCIATES 132 SOUTH STATE PRESTON, IDAHO 83263  
JUNE 2020  
EXHIBIT FOR PROOF ON WATER RIGHT # 25-11266 APPLICATION # a40566  
FOR MERLIN C. AND DIANE W. WEEKS

## Jordan, Blake

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**From:** TIMOTHY CHRISTENSEN <tim@aahudson.com>  
**Sent:** Tuesday, July 21, 2020 11:58 AM  
**To:** Jordan, Blake  
**Subject:** Merlin Weeks water proof  
**Attachments:** proof1.pdf; PROOF MAP.pdf

Blake,

Attached is what I turned in to the state of Utah. Let me know if you need anything else.

Tim C.