

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 95-17322

Priority: May 31, 2017

Maximum Diversion Rate: 0.04 CFS

Maximum Diversion Volume: 4.8 AF

It is hereby certified that:

MARK CORNETT 93 W DEER MEADOW LN BLANCHARD ID 83804

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 31, 2017, and has submitted Proof of Beneficial Use on July 11, 2022. An examination confirms water is diverted from:

Source : GROUND WATER

Beneficial Use

DOMESTIC

Period of Use

01/01 to 12/31

Rate of Diversion

0.04 CFS

Annual Volume

4.8 AF

Location of Point(s) of Diversion

GROUND WATER SW¼ SE¼, Sec. 19, Twp 54N, Rge 04W, B.M. BONNER County

Place of Use: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
54N	04W	19												X			X		

Conditions of Approval

- Point of diversion is located within Lot 1, Autumn Meadows Subdivision.
- Place of use is located within Lots 1-4, Autumn Meadows Subdivision.
- Domestic use is for 4 homes.
- The irrigation occurring under this domestic use shall not exceed 1/2 acre within each platted subdivision lot.
- This right authorizes the diversion of ground water within the Rathdrum Prairie Ground Water Management Area (RPGWMA). Use of water under this right shall be subject to the provisions of the RPGWMA management plan approved by the director, including its conservation goals.
- When notified by the Department, the right holder shall install and maintain a measuring device of a type acceptable to the Department as part of the diverting works.
- When notified by the Department, the right holder shall record the quantity of water diverted and annually report diversions of water and/or other pertinent hydrologic and system information as required by Section 42-701, Idaho Code, and/or the management plan for the Rathdrum Prairie Ground Water Management Area.
- This right does not grant any right-of-way or easement across the land of another.

SCANNED

MAY 31 2023

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 95-17322

This license is issued pursuant to the provisions of Idaho Code § 42-219. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed this 31st day of May, 2023.

Michelle Richman

MICHELLE RICHMAN
Northern Regional Manager

SCANNED
MAY 31 2023

State of Idaho
Department of Water Resources
Attachment to Water Right License
95-17322

This map depicts the DOMESTIC place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

04W



-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters
-  Point of Diversion

0 0.035 0.07 0.14 Miles



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MAY 31 2023



Northern Region • 7600 N Mineral Drive, Suite 100 • Coeur D'Alene, ID 83815-7763
Phone: 208-762-2800 • Fax: 208-762-2819 • Email: northerninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

May 31, 2023

MARK CORNETT
93 W DEER MEADOW LN
BLANCHARD ID 83804

RE: License No. 95-17322

ISSUANCE OF LICENSE

Dear Water Right Holder(s):

The Department of Water Resources ("Department") has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact the Northern Region Office at (208) 762-2800.

Sincerely,

Michelle Richman
Northern Regional Manager

Enclosure(s)

SCANNED

MAY 31 2023

CERTIFICATE OF SERVICE

I hereby certify that on May 31, 2023, I served a true and correct copy of Water Right License No. 95-17322 by U.S. Mail, postage prepaid, to the following:

MARK CORNETT (Current Owner)
93 W DEER MEADOW LN
BLANCHARD ID 83804



Tammy Alleman
Administrative Assistant 1

EXPLANATORY INFORMATION TO ACCOMPANY A PRELIMINARY ORDER

(To be used in connection with actions when a hearing was **not** held)

(Required by Rule of Procedure 730.02)

The accompanying order or approved document 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 of Water Resources ("department") unless a party petitions for reconsideration, files an exception and brief, or requests a hearing 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. **Note: the petition must be received by the department within this fourteen (14) day period.** 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 fourteen (14) 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 with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the Department or the Water Resource Board is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the Department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director 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 Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director 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 Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director 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 Director 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 service date 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.

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.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-17322
Exam Date: 08/16/2022

1. Current Owner:
MARK CORNETT 93 W DEER MEADOW LN BLANCHARD ID 83804
2. Accompanied by: Mark Cornett
Phone No: 208-520-0436
Address: Same as above
Relationship to permit Holder: Permit holder

3. **SOURCE:**
GROUND WATER

Method of Determination: Arcmap and DRG.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap
2. Other water rights with the same point-of-diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
95-18378	GROUNDWATER	DOMESTIC	Active PERMIT

Comments: Active Permit 95-18378 has the same permit holder and uses the same GW well as this right; 95-18378 is for domestic use 1 home which adds a 5th home to this WRs 4 home domestic use. Condition F06 is not recommended for licensing this WR as the active permit is not finalized and it is unsure if 95-18378 will move forward to licensing or lapse in the future. F06 will be recommended for use if/when licensing 95-18378.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER SW¼ SE¼, Sec. 19, Twp 54N, Rge 04W, B.M. BONNER County

Method of Determination: GPS; POD located at -116°52.9790, 48°0.6007 well D-Tag D0076147.

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
54N	04W	19												X			X		

Method of Determination: Beneficial use field exam and Arcmap aerial imagery.

3.
 - ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
 - ☒ 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

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4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0076147	FRANKLIN ELECTRIC	2	UNKOWN	UNKOWN	UNKOWN

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

2. Measurements: Unable to perform a flow measurement due to inadequate pipe requirements. Flow measurement from a frost-free hydrant is directly influenced from a pressure tank installed on the system. A Theoretic Pump Equation derived a flow rate of 17.3 gpm, for a 2 HP pump motor, or 0.04cfs considering department rounding standards

E. FLOW CALCULATIONS

X Additional Computation Sheets Attached

Measured Method: Theoretic Pump Equation = 2 hp pump installed at depth of 262 with operating pressure of 45 PSI derives a flow rate of 17.3 gpm or 0.04 cfs considering department rounding standards.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses: domestic use for 4 homes with ½ acre irrigation per home = 4 x 1.2 af = **4.8 af**.**G. NARRATIVE/REMARKS/COMMENTS**

Field exam performed on 8/16/2022 with the applicant, Mark Cornett, showed a groundwater well providing water for domestic uses. At the POD, well D0076147 has a 2 hp pump motor installed and buried water main line routing direct to a community 3,000-gal storage tank before distribution for uses. I was unable to perform a flow measurement due to inadequate pipe requirement; water flows directly to a storage tank and subsequent pressure tank prior to the first available frost-free hydrant. A Theoretic Pump equation derives a flow rate of **0.04 cfs** considering department rounding standards which is recommended for licensing. The well driller report drawdown test illustrates 25 gpm from the well, and the 17.3 gpm Theoretic Pump Equation value supports this flow rate as the well pump isn't installed to fully draw the well down during normal pumping. The permit approved value for 4ea homes domestic use equals 0.10 cfs but the applicant is limited at time of licensing to the installed pump performance found at time of exam.

The domestic POU was observed consisting of 4ea homes on separate parcels with ½ acre irrigation included in their respective water use. Photographs were taken during the exam and domestic use sketched out on field exam maps. During licensing review Arcmap aerial imagery was used to designate equitable POU shapes per home which include the ½ acre authorized irrigation covered under domestic use. There is an additional dwelling unit located on Lot 1 of the subdivision; during the exam Mr. Cornett was notified the 5th home would require a new application for permit to service connect to the shared well for domestic use. Mr. Cornett has since applied and has an active Permit 96-18378 pertaining to this 5th home and ½ acre domestic use.

The domestic annual volume for 4ea homes with ½ acre irrigation equals $4 \times 1.2 \text{ afa} = 4.8 \text{ af}$, which is recommended for licensing purposes. The domestic POU includes 1 home each on lots 1-4 Autumn Meadows Subdivision. The water system main line follows the roadway throughout the small subdivision with service connections branching off to each home on the system. Conditions X59 and X60 were added during licensing review to accurately describe the POD located on lot 1 & POU in lots 1-4. Conditions 26A and 046 were removed from the permit during licensing review. Condition 187 was replaced with 070 to better describe ½ acre irrigation covered under domestic use in a named subdivision. All other conditions on the permit shall be carried to licensing. There are no overlap concerns for this water right.

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>
DOMESTIC	01/01 to 12/31	0.04 CFS	4.8 AF

Totals: 0.04 CFS 4.8 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

Luke Bates -

Field Examiner's Name  Date 12/6/2022

Reviewer Michelle Richman Date 5/31/2023

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MAY 31 2023

State of Idaho
Department of Water Resources
Attachment to Field Exam
95-17322

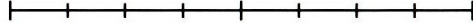
DOMESTIC system diagram.

04W



-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters
-  Point of Diversion

0 0.035 0.07 0.14 Miles



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THEORETICAL PUMPING EQUATION(S) FOR WR# 95-17322

Theoretical Pumping Equation is required because system did not allow for a proper measurement. Pump is estimated to lift 262 ft, and running at 45 psi.

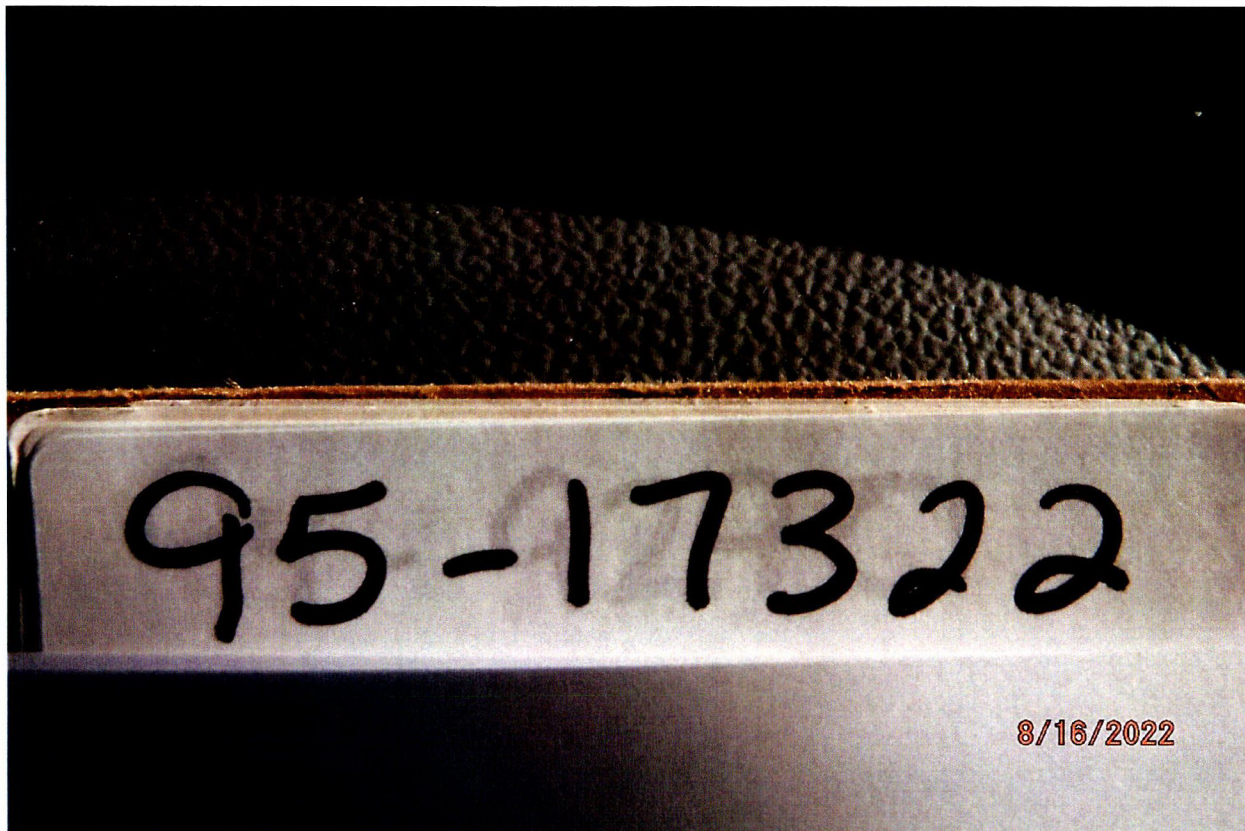
PUMP EQUATION

WATER RIGHT No. 95-17322

D0076147	HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q = $HP \cdot 8.8 \cdot \text{Eff} / H$	2	366.0816	0.8	262	45
Q = 0.039 cfs 17.3 gpm					

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BENEFICIAL USE FIELD EXAMINATION DATE 8/16/2022



POD – GROUNDWATER WELL

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WELL D-TAG D0076147

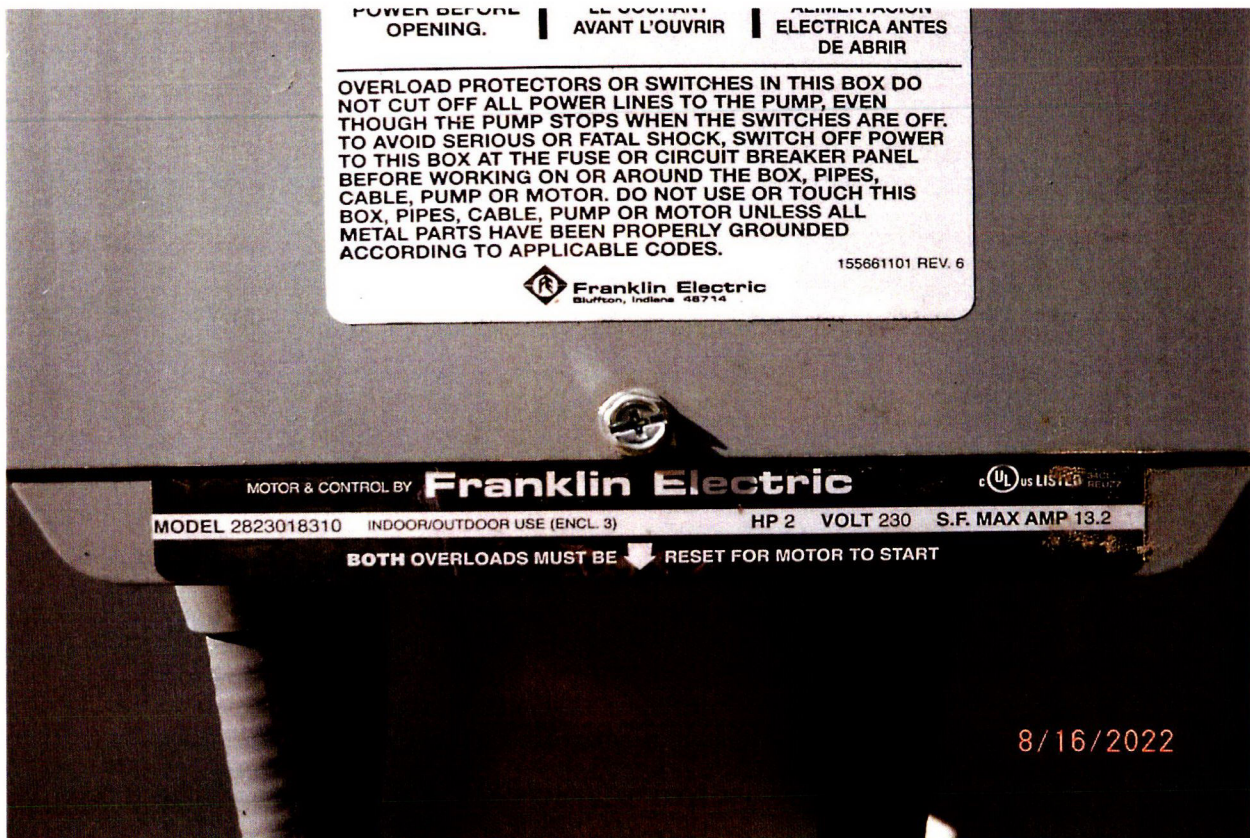


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SYSTEM CONTROL PANEL TREE



2 HP PUMP MOTOR INSTALLED IN WELL



VAULTED 2,000-GAL STORAGE CISTERN INCORPORATED IN SHARED WELL SYSTEM



SHARED WELL SYSTEM FOR 5 HOMES



DOMESTIC POU – AUTUMN MEADOWS SUBDIVISION, LOT 1; PARCEL No. RP014360000010A



DOMESTIC POU – AUTUMN MEADOWS SUBDIVISION, LOT 2; PARCEL No. RP014360000020A



DOMESTIC POU – AUTUMN MEADOWS SUBDIVISION, LOT 3; PARCEL No. RP014360000030A



DOMESTIC POU – AUTUMN MEADOWS SUBDIVISION, LOT 4; PARCEL No. RP014360000040A