

# Checklist for Claims of Beneficial Use Received at CSG Counter

Application # <u>S-88117</u>	WRD Reviewer <u>Com M.</u>
Transfer #	
Date Received <u>12/2/2020</u>	
CWRE Name <u>Kenna Clay Jordan</u>	

**Priority Date:** 8/12/2015  
**Fees Required:**

YES  NO A fee of \$200 must accompany this form for permits with priority dates of July 9, 1987, or later.

YES  NO A fee of \$200 must accompany this form for any transfers including a water right with a priority date of July 9, 1987, or later.

Example – A transfer involves 5 rights and one of the rights has a priority date of July 9, 1987, or later, the fee is required.

Fill in App or Transfer Number

## Map Review:

- Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
- Application & permit #: or transfer # (OAR 690-014-0100(1))
- Disclaimer (OAR 690-014-0170(5))
- North arrow (OAR 690-310-0050(2)(c))
- CWRE stamp and signature (OAR 690-014 & 310-0050)
- Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map) (014 & 310)
- Township, range, section, and tax lot numbers (OAR 690-310-0050(4))

**MONEY SLIP**

DATE:	RECEIPT #:
APPLICANT FROM:	APPLICANT FROM:
PERMIT:	PERMIT:
TRANSFER:	TRANSFER:
CASH CHECK # OTHER (IDENTIFY):	TOTAL RECEIVED:
0100 TREASURY 0100 MISC CASH ADOT:	
0407 OTHER (IDENTIFY):	
0407 OTHER (IDENTIFY):	
0503 Minimum Lease 0200 Min. Flow Right Perm. 0240 Case Work:	
0503 TREASURY 0200 MISC OPERATIONS ADOT:	
0407 MISCELLANEOUS	
0410 COPY & TAPE FEES	
0410 RESEARCH FEES	
0408 MISC REVENUE (IDENTIFY):	
TC M2 DEPOSIT LEND (IDENTIFY):	
0240 EXTENSION OF TIME	
0200 WATER RIGHTS	
0201 SURFACE WATER	
0202 GROUND WATER	
0203 TRANSFER	
0210 WELL CONSTRUCTION	
0211 WELL DRILL CONSTRUCTION	
0212 LANDSCAPES PERMIT	
0200 OTHER (IDENTIFY):	
0503 TREASURY 0407 MISC OPERATIONS ADOT:	
0210 POWER LICENSE FEE (P/WRD)	
0211 HYDRO LICENSE FEE (P/WRD)	
HYDRO APPLICATION	
SPECIAL INSTRUCTIONS:	

## Report Review:

- On form provided by the Department (OAR 690-014-0100(1))
- Application & permit #: or transfer # (OAR 690-014)
- Ownership information (OAR 690-014)
- Date of survey (OAR 690-014)
- Person interviewed (OAR 690-014)
- County (OAR 690-014)
- CWRE stamp and signature (OAR 690-014-0100)
- Signature(s) of all permittee of transfer holder (OAR 690-014-0100)

## Groundwater File Review: N/A

Pump Test Required? YES NO Pump Test Submitted? YES NO\*

\*If no, include pump test flyer w/acknowledgment letter

# Claim of Beneficial Use

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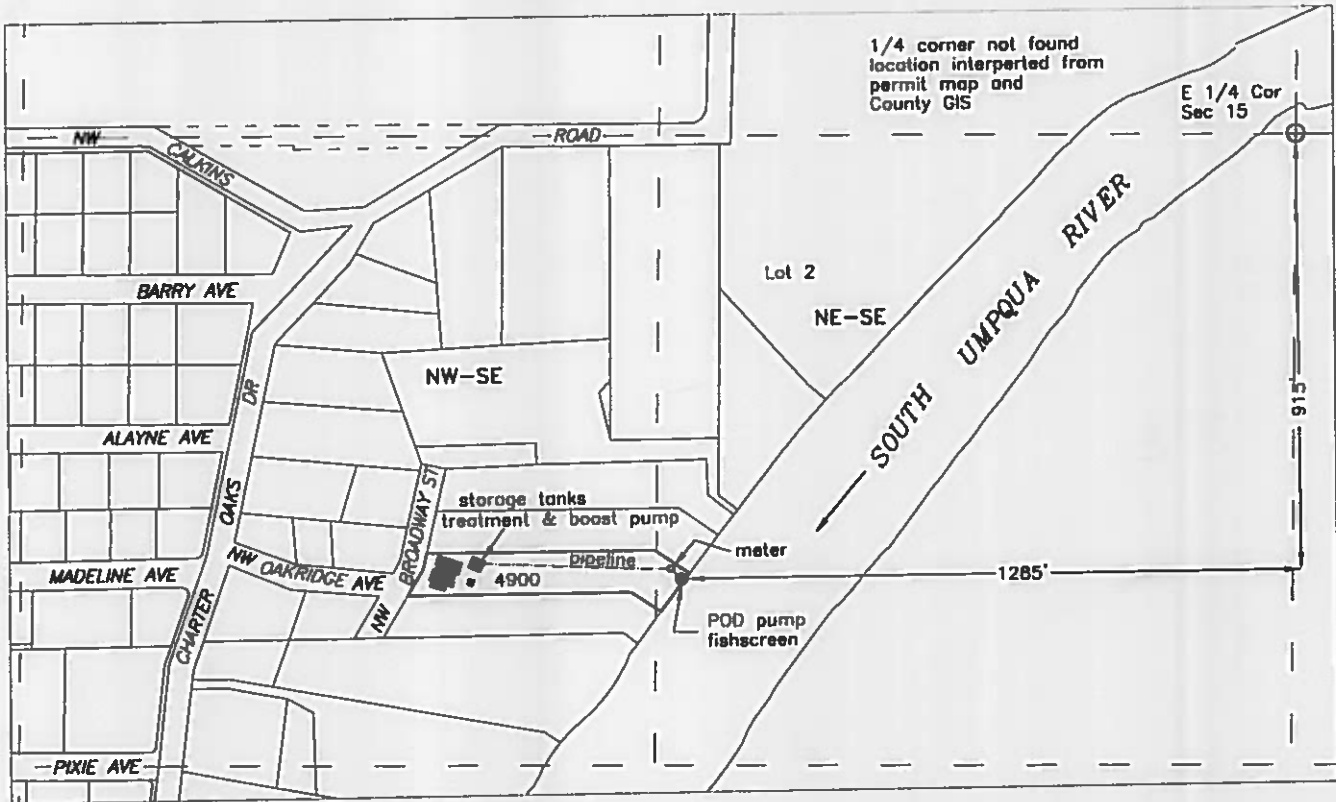
APPLICATION S-88117

PERMIT S-54968

OWRD

TOWNSHIP 27 S., RANGE 6 W., W.M. - SECTION 15

DOUGLAS COUNTY, OREGON



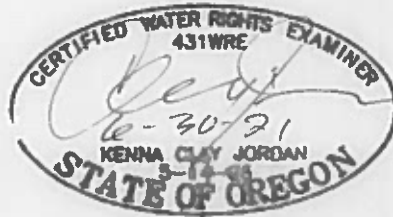
### Legend

POD - NE-SE Lot2, 915 feet South and 1285 feet West from the East 1/4 Corner Section 15

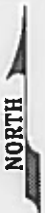
Prepared for: Matthew Knight and  
Crista Knight  
969 NW Broadway Street  
Roseburg, OR 97471

Source - Galesville Reservoir  
constructed under Permit R-9964  
Purpose - Domestic Use Expanded  
Tax Lot 4900

Base map - Douglas County GIS Tax Lots  
over current Oregon Map & 5/10/19  
Google aerial photos for assumed best fit  
Map orientation determined from survey  
map M118-1



Assessor Map #  
T-27S, R6W-15DB



1" = 400'

This map is not intended to provide  
legal dimensions or locations of  
property ownership lines

**JORDAN ENGINEERING**  
460 JORDAN LANE  
ROSEBURG, OREGON 97471  
(541) 673-1931

11-13-2020 n.e.d.

# Jordan Engineering

Structural-Civil-Geotech  
460 Jordan Lane  
Roseburg, OR 97471  
541-673-1931

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Water Resources Department  
Mr. Gerry Clark  
725 Summer St. NE, Suite A  
Salem, OR 97301

Claim Of Beneficial Use:

Application: S-88117

Permit: S-54968

November 30, 2020

Mr. Clark:

Inclosed are the Claim of Beneficial Use (COBU) form, Mylar map, Attachment 1 letter from Rich Kilbane of the Department of Fish and Wildlife dated November 19, 2020 stating pump is adequately screened and fish bypass device is not necessary, copy of check noting payable to Douglas County for stored water Acct. D-2015-20 and a check #1152 in the sum of \$200 made out to the Department.

If there are any questions please officially contact the applicant with a copy to me.

Respectfully,



Clay Jordan, P.E., S.E., Geotech, CWRE

cc: Ms. Crista Knight

file: Crista Knight cobu wrd-cl.wpd

**CLAIM OF  
BENEFICIAL USE  
for Surface Water Permits  
claiming 0.1 cfs or less**



**Oregon Water Resources Department**  
725 Summer Street NE, Suite A  
Salem, Oregon 97301-1266  
(503) 986-0900  
[www.oregon.gov/OWRD](http://www.oregon.gov/OWRD)

A fee of \$200 must accompany this form for permits  
with priority dates of July 9, 1987, or later.

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**SECTION 1  
GENERAL INFORMATION**

**1. File Information:**

APPLICATION # <b>S-88117</b>	PERMIT # (IF APPLICABLE) <b>S-54968</b>	PERMIT AMENDMENT # (IF APPLICABLE)
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**2. Property Owner (current owner information):**

APPLICANT/BUSINESS NAME <b>Matthew Knight and Crista Knight</b>	PHONE NO. <b>805 844-6035</b>	ADDITIONAL CONTACT NO.	
ADDRESS <b>969 NW Broadway Street</b>			
CITY <b>Roseburg</b>	STATE <b>OR</b>	ZIP <b>97471</b>	E-MAIL

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each permit holder of record must sign this form.***

**3. Permit holder of record (this may, or may not, be the current property owner):**

PERMIT HOLDER OF RECORD <b>Same as owner</b>		
ADDRESS		
CITY	STATE	ZIP

ADDITIONAL PERMIT HOLDER OF RECORD <b>NA</b>		
ADDRESS		
CITY	STATE	ZIP

**4. Date of Site Inspection:**

**10/21/2020**

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Crista Knight	10/21/2020	Property Owner

6. County:

Douglas

7. If any property described in the place of use of the permit final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

OWNER OF RECORD		
NA		
ADDRESS		
CITY	STATE	ZIP

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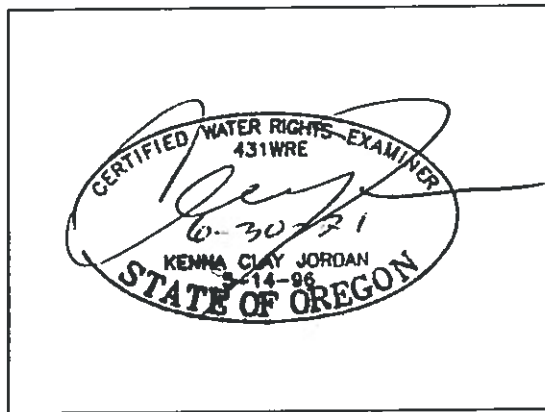
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SECTION 2  
SIGNATURES

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CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.





CWRE NAME		PHONE NO.	ADDITIONAL CONTACT NO.
Kenna Clay Jordan		541 673-1931	
ADDRESS			
460 Jordan Lane			
CITY	STATE	ZIP	E-MAIL
Roseburg	OR	97471	

Permit Holder's of Record Signature or Acknowledgement

*Each permit holder of record must sign this form in the space provided below.*

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Matthew Knight		11/20
	Crista Knight		11/18/2020

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**SECTION 3  
CLAIM DESCRIPTION**

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**1. POD source and, if from surface water, the tributary:**

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD	Galesville Reservoir	Cow Creek, So. Umpqua R. Umpqua R

**2. Developed use(s), period of use, and rate for each use:**

POD NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
POD	Domestic Expanded	Lawn, garden	Year round	
<b>Total Quantity of Water Used</b>				

**3. Provide a general narrative description of the distribution works. This description must trace the water system from each point of diversion to the place of use:**

Water is pumped from the South Umpqua River via a ¾ HP screened submersible pump. Water is delivered to either sprinklers or to a filter and treatment equipment (chlorinator & UV). Water is then stored in two 425 gallon storage tanks. Water is pumped to the house from the tanks via a booster pump with built in pressure tank.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

**4. Variations:**

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below. **NO**  
 (e.g. "The permit allowed three points of diversion. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

**5. Claim Summary:**

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
POD	2 AF			Dom Expanded		

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NO

**SECTION 4  
SYSTEM DESCRIPTION**

Are there multiple PODs?

If "YES" you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

**A. Place of Use**

Attach Claim of Beneficial Use map.

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (Gov Lot), Quarter-Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, Gov Lot, and QQ.

**B. Diversion and Delivery System Information**

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used? **YES**

If "NO" items 2 through item 5 may be deleted.

**2. Pump Information:**

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)
Grundfos	16507-8	2801074915	submersible
Grundfos	MQ Booster	Unk	Centrifugal



**3. Theoretical Pump Capacity:**

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
3/4	40	0	26	0.04
3/4	50	-3	10	0.037

**4. Provide pump calculations:**

$$Q = \frac{(HP) (Pump\ Efficiency)}{(Total\ Head\ in\ feet)} = \frac{(.75)(7.04)}{(26 + 101.6)} = \frac{5.28}{127.6} = 0.04\ CFS\ \text{River pump}$$

$$Q = \frac{(HP) (Pump\ Efficiency)}{(Total\ Head\ in\ feet)} = \frac{(.75)(6.61)}{(7 + 127)} = \frac{4.96}{134} = 0.037\ CFS\ \text{Booster pump}$$

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**5. Measured Pump Capacity (using meter if meter was present and system was operating):**

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)

Reminder: For pump calculations use the reference information at the end of this document.

**6. Sprinkler Information:**

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
1/8"	35	2.7	3	3	.018

Reminder: For sprinkler output determination use the reference information at the end of this document.

**7. Drip Emitter Information:**

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (GFS)

**8. Drip Tape Information:**

DRIPPER SPACING IN INCHES	GPM PER 100 FEET	TOTAL LENGTH OF TAPE	MAXIMUM LENGTH OF TAPE USED	TOTAL TAPE OUTPUT (GFS)	ADDITIONAL INFORMATION



**C. Storage**

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

YES

If "NO", item 2 and 3 relating to this section may be deleted.

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If "YES" is it a: Storage Tank  
Bulge in System / Reservoir

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YES

NO

Complete appropriate table(s), unused table may be deleted.

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**2. Storage Tank:**

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
Poly (2 tanks)	2 x 425	Above

**D. Gravity Flow Pipe**

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

NO

If "NO", items 2 through 4 relating to this section may be deleted.

**E. Gravity Flow Canal or Ditch**

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

NO

If "NO", items 2 through 4 relating to this section may be deleted.

**F. Additional notes or comments related to the system:**

**SECTION 5**

**CONDITIONS**

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

**1. Time Limits:**

Permits and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or extension final order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	12/23/2015		
BEGIN CONSTRUCTION (A)			
COMPLETE CONSTRUCTION (B)	12/23/2020	11/2020	System completed, water used Under terms & conditions of permit
COMPLETE APPLICATION OF WATER (C)	12/23/2020	11/2020	Same as above

\* MUST BE WITHIN PERIOD BETWEEN PERMIT OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

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2. Is there an extension final order(s)?

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NO

If "NO", items a and b relating to this section may be deleted.

3. Measurement Conditions:

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a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? YES

If "NO", items b through f relating to this section may be deleted.

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion.

b. Has a meter been installed?

YES

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
POD	DLJ <a href="http://www.watermeters.com">www.watermeters.com</a>	15 024452	working	414 Gal	Nov 2020

If a meter has been installed, items d through f relating to this section may be deleted.

4. Recording and reporting conditions:

a. Is the water user required to report the water use to the Department?

NO

If "NO", item b relating to this section may be deleted.

5. Fish Screening:

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? YES

If "NO", items b through e relating to this section may be deleted.

Reminder: If fish screening devices were required, the COBU map must indicate their location in relation to the point of diversion.

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b. Has the fish screening been installed?

YES

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c. When was the fish screening installed?

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DATE	BY WHOM
10/6/2015	Tinker's pump

Reminder: If the permit or transfer final order was issued on or after February 1, 2011, the fish screen is required to be approved by the Oregon Department of Fish and Wildlife regardless of the rate of diversion.

d. If the diversion involves a pump and the total diversion rate of all rights at the point of diversion is less than 225 gpm (0.5 cfs):

- Has the self-certification form previously been submitted to the Department? NA

If not, go to <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

complete and attach a copy of the 'ODFW Small Pump Screen Self Certification' form to this claim, and send a copy of it to the Oregon Department of Fish and Wildlife (ODFW).

Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. The ODFW self certification form needs to have been previously submitted or be attached to this form.

e. If the diversion does not involve a pump or the total diversion rate of all rights at the point of diversion is 225 gpm (0.5 cfs) or greater:

- Has the ODFW approval been previously submitted? NA

If not, contact and work with ODFW to ensure compliance. To demonstrate compliance, provide signed documentation from ODFW. A form is available at

<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. In order to receive a favorable approval, the ODFW/WRD "Fish Screen Inspection" form needs to have been previously submitted or be attached to this form.

### 6. By-pass Devices:

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion?

YES

If "NO", items b and c relating to this section may be deleted.

Reminder: If by-pass devices were required, the COBU map must indicate their location in relation to the point of diversion.

b. Have by-pass devices been installed?

NO

DESCRIPTION	IF INSTALLED (DATE)	IF INSTALLED, BY WHOM
(E.G. "ODFW HAS APPROVED THE BY-PASS DEVICE" OR "NO BY-PASS DEVICE IS NECESSARY BECAUSE THERE IS A DIRECT DIVERSION FROM THE STREAM VIA A PUMP ON RIVER LEFT STREAM BANK WITH FOOT VALVE		

DESCENDING DIRECTLY INTO NATURAL POOL.") IN ADDITION, YOU MAY ATTACH PHOTOS TO THIS CLAIM.		
No by-pass necessary as there is a direct diversion from the river via a pump and foot valve in a natural pool		

c. Describe the diversion works as related to whether a by-pass device is installed or unnecessary:  
(Provide a letter from ODFW indicating the device is approved or is unnecessary.)

**7. Other conditions required by permit, permit amendment final order, or extension final order:**

- a. Was the water user required to restore the riparian area if it was disturbed? **YES**
- b. Other conditions? **YES**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

1. Riparian area not disturbed	
2. Contract with Douglas County – Contract is current	<b>RECEIVED</b>

**SECTION 6**

**DEC 02 2020**

**ATTACHMENTS**

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Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Copy of check	Check payable to Douglas County for stored water -Acct. D-2015-20
Letter from ODF&W	Written approval of fish screen
COBU Map	Map

**SECTION 7**

**CLAIM OF BENEFICIAL USE MAP**

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

Current Oregon Map and 5/10/19 Google aerial photo scaled in AutoCad over Douglas County GIS for assumed best fit. COBU Map oriented to survey M118-1. Note: E ¼ Corner not found. Location interpreted from permit map and county GIS.
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**Map Checklist**

Please be sure that the map you submit includes ALL the items listed below.  
(Reminder: Incomplete maps and/or claims may be returned.)

- Map on polyester film.
- Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- Township, Range, Section, Donation Land Claims, and Government Lots
- If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- Locations of meters and/or measuring devices in relationship to point of diversion
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- Source illustrated if surface water
- Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- Application and permit number or transfer number
- North arrow
- Legend
- CWRE stamp and signature





CRISTA G. KIGHT  
969 NW BROADWAY ST.  
ROSEBURG, OR 97471

1226  
83-168/279

3/8/20

Pay to the  
Order of

ck  
Galesville Douglas County Public

\$ 158.<sup>00</sup>/<sub>100</sub>

One hundred fifty eight <sup>WORKS</sup> ~~and~~ <sup>cents</sup>

Dollars   Please See Deposit Card



First Interstate Bank

855-342-3400  
firstinterstate.com

For

Account no. D-2015-20

*[Signature]*

⑆092901683⑆0912506848⑆ 1226

092901683

0912506848

1226

- Security Features exceed industry standards and include:
- Intuitive design - matching account and check number on back
  - Security Features include:
  - The Security Features include a track design to deter fraud
  - A special ink feature that is not visible in the light
  - The Security Features include a track design to deter fraud
  - A special ink feature that is not visible in the light
  - The Security Features include a track design to deter fraud
  - A special ink feature that is not visible in the light

- Do not scratch it!
- Any of the features listed above are missing or appear altered
  - If you have any questions, please call 855-342-3400
  - If you have any questions, please call 855-342-3400



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ENDORSE HERE

X  
pay to the order of

US BANK

For Deposit Only

153600883240

DC PUBLIC WORKS-ADMIN

CHECK BOX F DC TREASURER, E DEPOSIT

WRITE NAME OF FINANCIAL INSTITUTION ONLINE ABOVE





# Oregon

Kate Brown, Governor

Department of Fish and Wildlife  
Rogue Watershed District Office  
1495 E Gregory Rd  
Central Point, OR 97502-9430  
(541) 826-8774  
Fax: (541) 826-8776  
www.myodfw.com

November 19, 2020

Matthew and Crista Kight  
969 NW Broadway St.  
Roseburg, OR 97471



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Dear Matthew and Crista,

Regarding OWRD water right permit S-54968 (application S-88117), ODFW has determined that the fish screen at the point-of-diversion meets current fish protection criteria, and that a fish passage device is not necessary. Thank you.

Sincerely,

Rich Kilbane  
SW Field Coordinator  
Fish Screening and Passage Program

(541) 857-2421

Cc: Clay Jordan, CWRE  
Norm Daft

