

**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

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

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GENERAL INFORMATION

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1. File Information:

APPLICATION # S-87927	PERMIT # (IF APPLICABLE) S-54928	PERMIT AMENDMENT # (IF APPLICABLE)
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Bradley Shinn		PHONE NO. 541-670-6006	ADDITIONAL CONTACT NO.
ADDRESS 367 Osage Drive			
CITY Roseburg	STATE OR	ZIP 97471	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 Wilma Gambill (assigning to Shinn)			
ADDRESS 367 Osage Drive			
CITY Roseburg	STATE OR	ZIP 97471	

ADDITIONAL PERMIT HOLDER OF RECORD NA			
ADDRESS			
CITY	STATE	ZIP	

4. Date of Site Inspection:

9/18/2020

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Bradley Shinn	9/18/2020	Buying property

Ed Cole	9/18/2020	Uses same water system (Cert 94787)
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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)):

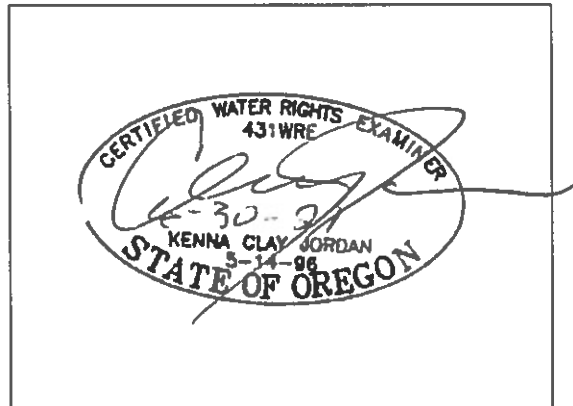
OWNER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

**SECTION 2
SIGNATURES**

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

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
	Bradley Shinn	Property owner	29 OCT 2020
	Sarah Shinn	Property Owner	12/01/2020

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SECTION 3

CLAIM DESCRIPTION

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

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD	North Umpqua River	Umpqua River

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	Landscape, lawn	Year round	
Total Quantity of Water Used				

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 N. Umpqua R. using a submersible 3 HP variable frequency pump. A 3 inch pipeline travels to a small building with pump controls and pressure tank. From there, a 3 inch pipeline travels to a small pond. Before entering the pond water passes through a totalizing meter and lockable control valve. Water is then pumped from the pond via a 3 phase 10 HP submersible variable frequency pump that delivers water to multiple properties. Water is delivered to multiple faucets on TL-400 including a faucet at the house used for washing and cleaning purposes.

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 AGRES ALLOWED	# OF AGRES DEVELOPED
POD	0.01			Dom expanded		

SECTION 4 SYSTEM DESCRIPTION

Are there multiple PODs?

NO

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):

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A. Place of Use

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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)
Franklin Electric (river)	90FA354-PE	13S22 1600034H	submersible
Hatachi	Unk	unk	submersible

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 GRS)
3.0 river	45	0	40	0.14
10 pond	50	0	-5	0.58

4. Provide pump calculations:

$\text{River Pump } Q = \frac{(\text{HP})(\text{Pump Efficiency})}{(\text{Total Head in Feet})} = \frac{3(7.04)}{(114.3 + 0 + 40)} = \frac{21.12}{154.3} = 0.14 \text{ CFS}$
$\text{Pond Pump } Q = \frac{(\text{HP})(\text{Pump Efficiency})}{(\text{Total Head in Feet})} = \frac{10(7.04)}{(127 + 0 - 5)} = \frac{70.4}{122} = 0.58 \text{ CFS}$

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 GFS)

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 (GFS)
1/8	45	3.0	8	5	15 GPM = 0.03 CFS

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.

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

NO

YES

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

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3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN AGRE FEET)
Pond	0	0.4

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:

The system serves up to 12 homes (reported). Pump system at river installed in 2007 and repaired in 2013. Fish screen was approved 5/29/2013 by Rich Kilbane from ODF&W for permit 54822 which is on the same 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	4/17/2015		
BEGIN CONSTRUCTION (A)	NA		
COMPLETE CONSTRUCTION (B)	4/17/2020	2017	Pipes and faucets installed
COMPLETE APPLICATION OF WATER (C)	4/17/2020	2017	Water used for domestic expanded under terms and conditions of permit

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

2. Is there an extension final order(s)? NO

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

3. Measurement Conditions:

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	ARAD Netafim	13-14795	working	048269375 Gal	2013

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.

b. Has the fish screening been installed? **YES**

c. When was the fish screening installed?

DATE	BY WHOM
2013	Pump installer

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.

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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? **NO**

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 NO**

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 (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.	IF INSTALLED (DATE)	IF INSTALLED, BY WHOM
Not required per 2013 ODF&W letter		

- 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):

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1. Riparian area is bare except for grass and was not disturbed
2. Fishway is not required per 2013 ODF&W letter

**SECTION 6
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
ODF&W letter	Approves fish screen – bypass and fishway not necessary
COBU map	COBU 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.

Douglas County GIS scaled and oriented to Survey map for partition plat 2005-36 over scaled current Oregon Map and Google aerial photo dated 5/10/2019. Water lines are as reported and are for general reference only.

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
- NA 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

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- 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 signatur

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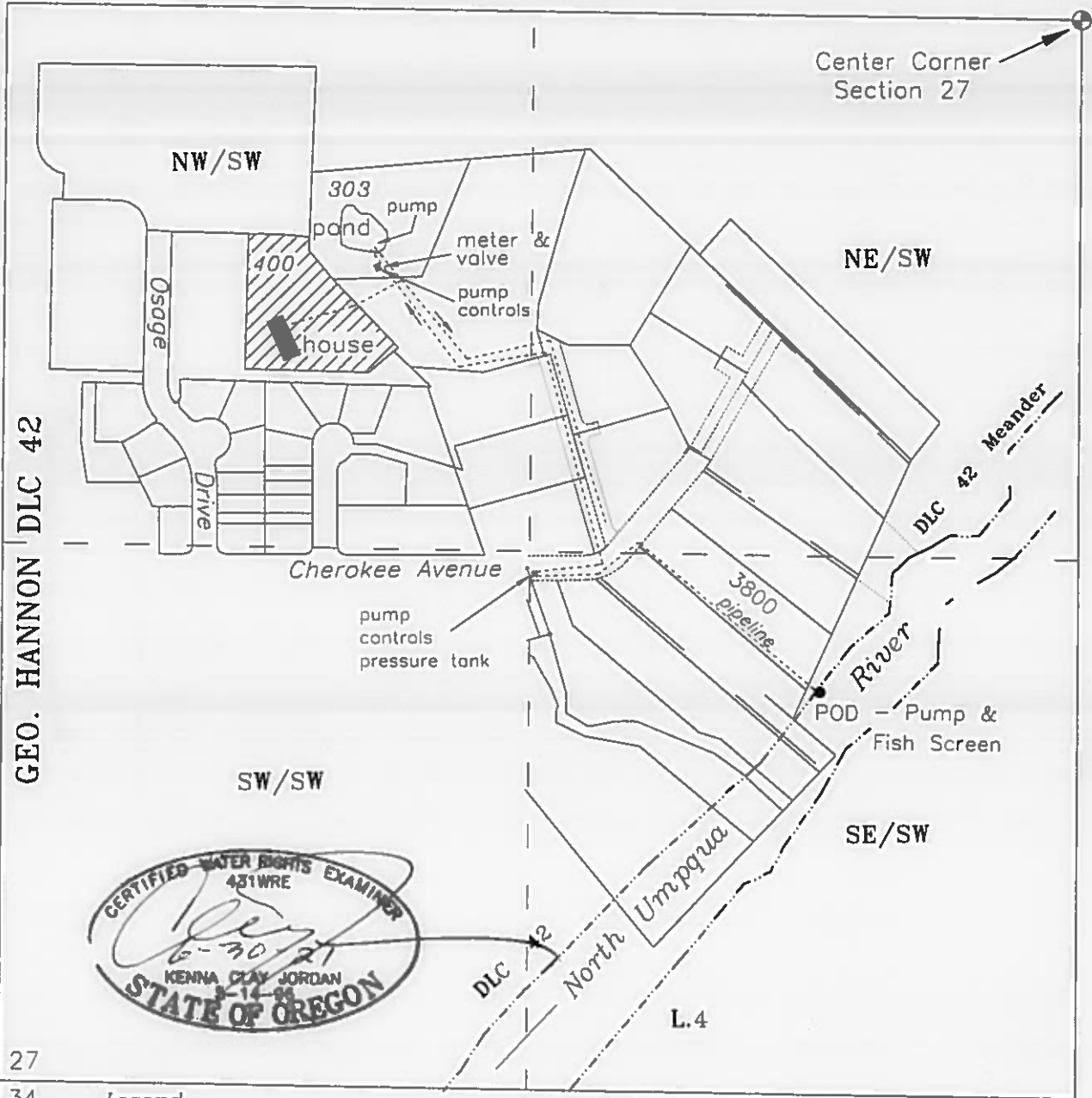
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CLAIM OF BENEFICIAL USE

APPLICATION S-87927 PERMIT S-54928

SW 1/4, SECTION 27, TOWNSHIP 26 SOUTH, RANGE 6 WEST, W.M.

DOUGLAS COUNTY



28 27

33 34

Legend

Point of Diversion (POD) SE/SW,
1640 feet south and 635 feet west
from the Center Corner Section 27



Tax Lot 400, Domestic Use Expanded
NW/SW AND SE/SW Section 27

Base Map - Douglas County GIS, scaled and oriented to
Partition Plat 2005-36, over Oregon Map and Google
aerial photo dated 5-10-19 for assumed best fit

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

Prepared For:
Bradley Shinn
367 Osage Dr.
Roseburg, OR 97471

Pipeline locations are
for reference only and
are as reported



Scale
1 inch = 400 feet

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

Drawn 10/13/2020 n.e.d.