

Partial

# Checklist for Claims of Beneficial Use Received at CSG Counter

Application # <i>S-86737</i>	WRD Reviewer <i>Cam M.</i>
Transfer #	
Date Received <i>2-8-2021</i>	
CWRE Name <i>Evan Mallepsy</i>	

**Priority Date:** *12/28/2006*

### 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))

### 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)

**MONEY SLIP**

DATE: \_\_\_\_\_ RECEIPT #: \_\_\_\_\_

RECEIVED FROM: \_\_\_\_\_ APPLICATION PERMIT TRANSFER: \_\_\_\_\_

CASH  CHECK # \_\_\_\_\_ OTHER (IDENTIFY) \_\_\_\_\_ TOTAL RECD. \$ \_\_\_\_\_

1083 TREASURY 6178 MISC CASH ACCT. \_\_\_\_\_

0407 COPIES \_\_\_\_\_ \$ \_\_\_\_\_

OTHER (IDENTIFY) \_\_\_\_\_ \$ \_\_\_\_\_

0243 Instream Lease \_\_\_\_\_ 0244 Multi Water Mgmt. Plan \_\_\_\_\_ 0245 Cont. Water \_\_\_\_\_

1083 TREASURY 6179 WRD OPERATING ACCT. \_\_\_\_\_

MISCELLANEOUS

0407 COPY & TAPE FEES *4611* \$ \_\_\_\_\_

0410 RESEARCH FEES \$ \_\_\_\_\_

0408 MISC REVENUE (IDENTIFY) \$ \_\_\_\_\_

TC#2 DEPOSIT LAB (IDENTIFY) \$ \_\_\_\_\_

0240 EXTENSION OF TRM \$ \_\_\_\_\_

WATER RIGHTS

0201 SURFACE WATER EXAM FEE \$ \_\_\_\_\_ RECORD FEE \$ \_\_\_\_\_

0203 GROUND WATER \$ \_\_\_\_\_ 0204 \$ \_\_\_\_\_

0205 TRANSFER \$ \_\_\_\_\_

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTION EXAM FEE \$ \_\_\_\_\_ RECORD FEE \$ \_\_\_\_\_

LANDOWNER'S PERMIT \$ \_\_\_\_\_ 0220 \$ \_\_\_\_\_

0200 OTHER (IDENTIFY) *COBU* \$ *200.00*

0602 TREASURY 0447 HYDROELECTRIC \_\_\_\_\_

0233 POWER LICENSE FEE (PWWRD) LIC NUMBER \$ \_\_\_\_\_

0231 HYDRO LICENSE FEE (PWWRD) \$ \_\_\_\_\_

HYDRO APPLICATION \$ \_\_\_\_\_

SPECIAL INSTRUCTIONS:

RETURN TO APPLICANT – LETTER ATTACHED

### 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 for Surface Water Permits claiming more than 0.1 cfs



**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)

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

**A separate form shall be completed for each permit.**

*In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.*

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:  
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

Go to "Resources for Water Right Examiners (CWRE)" Page  
<https://www.oregon.gov/OWRD/programs/WaterRights/COBU/Pages/default.aspx>  
The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-986-0900 and ask for the Certificate Section.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see  
<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

## SECTION 1

### GENERAL INFORMATION

**1. File Information:**

APPLICATION # <b>S-86737</b>	PERMIT # <b>S-54384</b>	PERMIT AMENDMENT # <b>T- NA</b>
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**2. Property Owner (current owner information):**

APPLICANT/BUSINESS NAME <b>Reid Murphy/Rogue River Wildlife Habitat Conservation Group LLC</b>		PHONE NO. <b>541-776-2336</b>	ADDITIONAL CONTACT NO. <b>none</b>
ADDRESS <b>902 Chevy Way</b>			
CITY <b>Medford</b>	STATE <b>OR</b>	ZIP <b>97504</b>	E-MAIL <b>reid@murphyconstruction.com</b>

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

PERMIT HOLDER OF RECORD <b>Rogue River Wildlife Habitat Conservation Group LLC</b>			
ADDRESS <b>902 Chevy Way</b>			
CITY <b>Medford</b>	STATE <b>OR</b>	ZIP <b>97504</b>	

ADDITIONAL PERMIT HOLDER OF RECORD <b>None</b>			
ADDRESS <b>NA</b>			
CITY <b>NA</b>	STATE <b>NA</b>	ZIP <b>NA</b>	

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**4. Date of Site Inspection:**

**August 10, 2016**

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

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NAME	DATE	ASSOCIATION WITH THE PROJECT
<b>Reid Murphy</b>	<b>8/10/2016</b>	<b>Property owner and Applicant</b>

**6. County:**

**Jackson**

**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 <b>Levi Chamberlain</b>			
ADDRESS <b>3215 Rogue River Drive</b>			
CITY <b>Eagle Point</b>	STATE <b>OR</b>	ZIP <b>97524</b>	

Add additional tables for owners of record as needed

OWNER OF RECORD <b>Luke Murphy</b>		
ADDRESS <b>902 Chevy Way</b>		
CITY <b>Medford</b>	STATE <b>OR</b>	ZIP <b>97504</b>

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**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.



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CWRE NAME <b>Evan Malepsy</b>		PHONE NO. <b>541-621-2868</b>	ADDITIONAL CONTACT NO. <b>none</b>
ADDRESS <b>52 Pineridge Lane</b>			
CITY <b>Eagle Point</b>	STATE <b>OR</b>	ZIP <b>97524</b>	E-MAIL <b>emalepsy@roguecivil.com</b>

Permit Holder of Record Signature or Acknowledgement

Permit Holder 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
	Reid A. Murphy	member	1-26-21
	Richard W. Brewster		2/01/21

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**SECTION 3**  
**CLAIM DESCRIPTION**

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**1. Point of diversion name or number:**

POINT OF DIVERSION (POD) NAME OR NUMBER (CORRESPOND TO MAP)
<b>POD1 (Lost Creek Reservoir)</b>
<b>POD2 (Point of Re-Diversion)</b>

**2. Point of diversion source and tributary:**

POD NAME OR NUMBER	SOURCE	TRIBUTARY
<b>POD1</b>	<b>Lost Creek Reservoir</b>	<b>Rogue River</b>
<b>POD2</b>	<b>Rogue River</b>	<b>Pacific Ocean</b>

**3. 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)
<b>POD2</b>	<b>Irrigation</b>	<b>Hay/Grass</b>	<b>April-October 31</b>	<b>35.3 AF</b>
<b>Total Quantity of Water Used</b>				<b>35.3 AF</b>

**4. 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 diverted and used from stored water in Lost Creek Lake per contract with the Bureau of Reclamation. The water is delivered to the site via the Rogue River where it is re-diverted for use on the land. The point of re-diversion is comprised of a screened intake in a side channel of the river, and a pump located adjacent to the river. The intake and pump supply irrigation water for use associated with Permit S-54384 and storage water for Permit R-14674. From the pump, the water is delivered to an 8" diameter mainline which has 4" risers located at distribution points. Water is also delivered via the 8" mainline to Reid's Pond (R-14674), it is used as a bulge in the system during the irrigation season. Water is applied to the land with a combination of flood irrigation, wheel-lines with sprinklers, and hand lines.**

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).

**5. Variations:**

Was the use developed differently from what was authorized by the permit, or permit amendment final order? If yes, describe below.

**YES**

(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.")

**The permit allowed 56.9 acres of irrigation, the user only developed 45.1 acres. The footprint for the place of use changed from the permit map, see Claim Map.**

**6. Claim Summary:**

POD NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
POD2	No rate authorized. Maximum volume of 256.00 AF	0.75 CFS	System not operating during site visit	Irrigation	56.9	45.1

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**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.

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

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**POD2**

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**A. Place of Use**

**1. Is the right for municipal use?**

**NO**

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
34S	1W	WM	31	SW/NE			Irrigation	7.76	0
34S	1W	WM	31	SE/NE			Irrigation	10.84	0
34S	1W	WM	31	NE/SE			Irrigation	13.34	0
34S	1W	WM	31	NW/SE			Irrigation	4.16	0
34S	1W	WM	32	NE/SW			Irrigation	5.50	0
34S	1W	WM	32	NW/SW			Irrigation	3.50	0
<b>Total Acres Irrigated</b>								<b>45.1</b>	<b>0</b>

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLOT, 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 6 may be deleted.

**2. Pump Information:**

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Berkeley	BEZPBHS	C2856	Centrifugal	4"	6"

**3. Motor Information:**

MANUFACTURER	HORSEPOWER
Baldor	50

**4. Theoretical Pump Capacity:**

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
50	40	20	129	1.32

**5. Provide pump calculations:**

See attached pump calculation.

**6. 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)
N/A (Not operating at time of observation)	N/A	N/A	N/A

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

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**7. Is the distribution system piped?**

YES

If "NO" items 8 through item 13 may be deleted.

**8. Mainline Information:**

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MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
8"	7,310'	PVC	Buried

**9. Lateral or Handline Information:**

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
4"	700'	Metal	Above ground

**10. Sprinkler Information:**

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
3/16"	40	6.4	30	10	0.14
7/16"	40	33.5	40	10	0.75

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

**11. Drip Emmitter Information:**

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

**12. Drip Tape Information:**

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

**13. Pivot Information:**

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
NA	NA	NA	NA	NA

**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

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NO

YES

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

**2. Storage Tank:**

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
NA	NA	NA

**3. Bulge in System / Reservoir:**

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)
Reid's Pond	25'	40.23

**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?**

YES

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

**2. Complete the table:**

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)
12"	PVC	150	5'	250'	2.0%	7.84

**3. Provide calculations:**

See attached pipe capacity calculation.

**4. If an actual measurement was taken, provide the following:**

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
NA	NA	NA	NA

Attach measurement notes.

**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 irrigation system utilizes a combination of flood irrigation, wheel lines with sprinklers, and hand lines with sprinklers. System was not in operation during site inspection, sprinkler use based on information from operator.

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**SECTION 5  
CONDITIONS**

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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 permit extension of time:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	3/15/2007		
BEGIN CONSTRUCTION (A)	Not conditioned	NA	NA
COMPLETE CONSTRUCTION (B)	Not conditioned	NA	NA
COMPLETE APPLICATION OF WATER (C)	10/1/2011	10/2007	Installed fish screen, meter, pump & motor, main line, distribution lines, and appurtenances. Applied water to the place of use.

\* 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**

*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
POD2	McCrometer	07-0969308	Working	301984	10/2007

*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?

YES

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

b. Have the reports been submitted?

YES

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If the reports have not been submitted, attach a copy of the reports if available.

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**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
9/2007	Reid Murphy

**Reminder: If the permit 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) and the permit was issued prior to February 1, 2011:

- 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?

**NO**

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?

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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.

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b. Have by-pass devices been installed?

NO

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. If there is no letter from ODFW, explain whether or not a by-pass device is necessary.)

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
ODFW determined by-pass is not required	NA	NA

**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? **NO**
- b. Was a fishway required? **NO**
- c. Was submittal of a water management and conservation plan required? **NO**
- d. Other conditions? **NO**

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

NA
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**SECTION 6  
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
A1	Pump calculation
A2	Pipe calculation
A3	Fish screen inspection form

## 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.

**Visual inspection and aerial photos were used to prepare the map. Aerial photos from Google Earth, dated 7/4/2014.**

#### 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.)

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- 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 or appropriation
- 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



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### Pump Capacity Calculation Sheet

using Department designed formula:

$(hp)(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

---

#### Data Entry (fill in underlined blanks)

---

HP = 50  
Efficiency = 6.61  
Lift = 149  
PSI = 40

---

#### Results Calculated

---

$(hp)(\text{efficiency}) = 330.5$   
Head based on psi = 101.6  
Total dynamic head = 250.6  
(head + lift)

**Pump Capacity = 1.32 feet per second**

AZ

### Pipe Capacity Calculator

for pipes flowing full, using the Hazen-Williams Formula

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#### Data Entry (fill in underlined blanks)

---

Interior Diameter = 12 inches, or 1 feet  
Roughness Coefficient (C) = 150  
Fall = 5 feet per 250 feet of distance  
Grade = 0.02, or 2.0%

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#### Results calculated

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Area of cross-section = 0.7854 square feet  
Wetted Perimeter = 3.14159 feet  
Hydraulic Radius = 0.25  
Velocity = 9.98309 feet per second

**Pipe Capacity = 7.841 cubic feet per second**

A3



OREGON DEPARTMENT OF FISH AND WILDLIFE  
OREGON WATER RESOURCES DEPARTMENT

RECEIVED

FEB 08 2021

FISH SCREEN INSPECTION FORM

Applicant Rogue River  
Name Estates, LLC Water Right Number: 5-86737 Water Right Amount (cfs) OWRD

Address: 1605 Brownsboro Meridian Rd Phone (541)  
Eagle Point, OR 97524

Diversion  
Stream: Rogue River Tributary to: Pacific Ocean

Address (if different than applicants): 3 mile marker on Rogue River Dr, Shady Cove

Diversion Type: pump Location: T \_\_, R \_\_, Sec. \_\_

GPS Coordinates: 42.57335 - 122.83894 SATS: 5

Pump Information

Brand: Baldor/Berkeley Horsepower: 50 Intake Size: 4"

Screen Information

Type: Sure-Flo Installed by: Techrain Date Installed: 9/07



Date of Inspection: 10-1-07 Inspected by: Rich Kulbane Agency: ODFW

Comments: Fish bypass/passage is not an issue. (RIL)

- Screen meets current state criteria for fish protection.
- Screen does not meet current state criteria for fish protection.
- Another screen inspection should be done before water use begins.

COBU MAP # 1276

# LEGEND

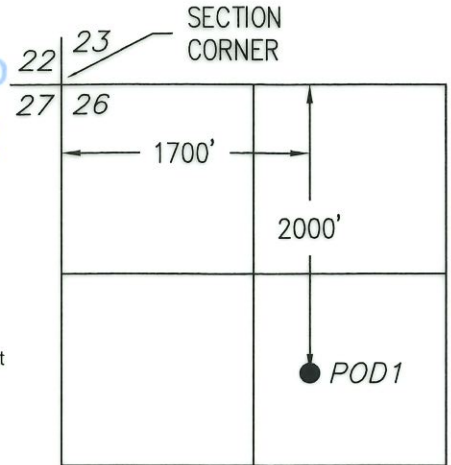
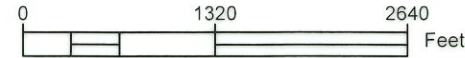
- POINT OF RE-DIVERSION AND FISH SCREEN (POD 2)
- ⊙ PUMP & METER
-  PLACE OF USE (IRRIGATION) ROGUE RIVER WILDLIFE HABITAT CONSERVATION GROUP LLC
-  PLACE OF USE (IRRIGATION) RICHARD W AND KAREN A BREWSTER REVOCABLE TRUST
- 1/4-1/4 SECTION LINE
- - - - - APPROX. WATERLINE

# CLAIM OF BENEFICIAL USE MAP

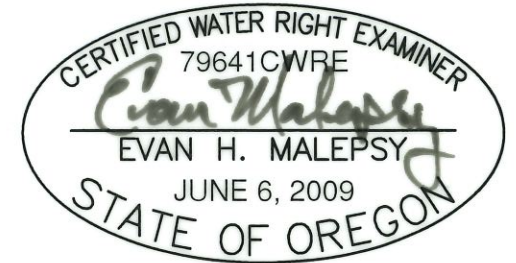
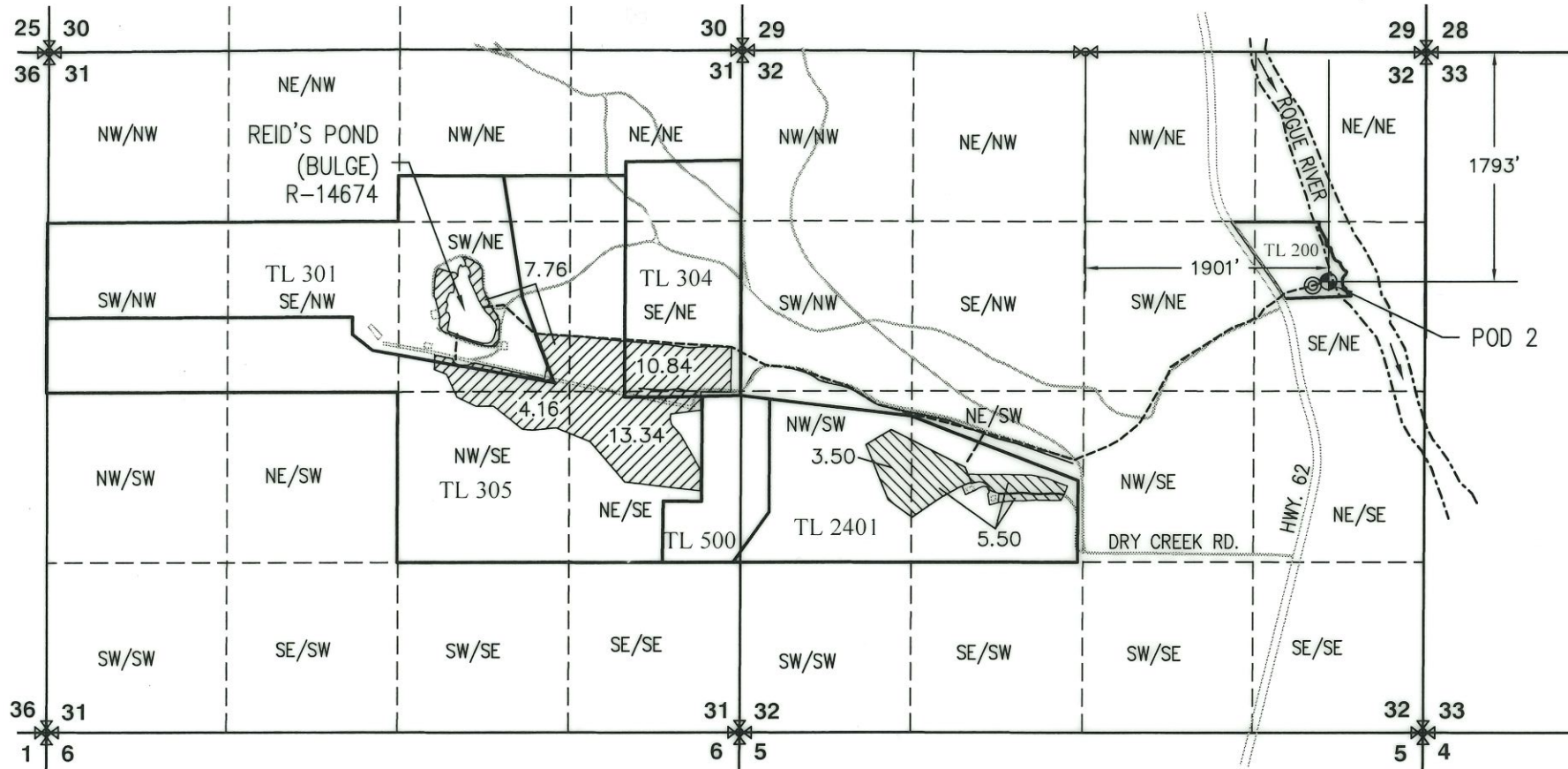
APPLICATION S-86737, PERMIT S-54384  
IRRIGATION

SITUATED IN  
SECTION 31 AND 32, TOWNSHIP 34 SOUTH, RANGE 1 WEST, W.M.  
JACKSON COUNTY, OREGON

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OWRD



LOST CREEK RESERVOIR  
POINT OF DIVERSION  
T.33S., R.1E., W.M.  
SCALE: 1"=1320'



RENEWS: 12/31/2022

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

EHM-January 26, 2021

ROGUE CIVIL LLC  
emalepsy@roguecivil.com 541-621-2868