

**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 \$230 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>

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 503-979-9103.

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**

Received **Received**
MAY 27 2025 **JAN 27 2025**
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1. File Information:

APPLICATION # S-73112	PERMIT # (IF APPLICABLE) S-51706	PERMIT AMENDMENT # (IF APPLICABLE) NA
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME ERIC SCHWARTZ		PHONE NO. 360-461-0176	ADDITIONAL CONTACT NO. NA
ADDRESS 16747 ARMSTRONG WOODS ROAD			
CITY GERENEVILLE	STATE CA	ZIP 95446	E-MAIL A1960nomad@icloud.com

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 DANIEL & LAURA PEARCE		
ADDRESS 9514 TREVORS CT.		
CITY LAKESIDE	STATE CA	ZIP 92040

ADDITIONAL PERMIT HOLDER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:

10/25/2024

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
HOMER RADFORD	10-25-24	LANDOWNER POD

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

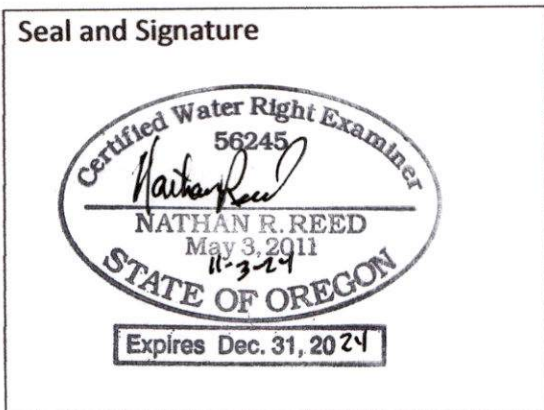
Add additional tables for owners of record as needed

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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.



CWRE NAME NATHAN REED	PHONE NO. 541-784-7191	ADDITIONAL CONTACT NO. NA
ADDRESS 157 WEST BODIE STREET		
CITY ROSEBURG	STATE OR	ZIP 97471
E-MAIL nreed68@hotmail.com		

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
	ERIC SCHWARTZ	LANDOWNER	NOV 10, 2024

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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	HILP CREEK	SOUTH 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	DOM. EXP. 1	LAWN/GARDEN	12/1-6/30	0.01 CFS
" "	HUM/LVSTK/GAR	NON COM GARD	7/1-11/30	0.005 CFS
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:

Two 18" diameter corrugated ABS pipes, saw kerf slits, are embedded at POD location at the thread of Hilp Creek vertically.
Each standpipe has 1" ABS, above ground, connecting to 3" ABS, buried, gravity flow to 2500 gallon ABS tank, above ground. 1" PVC, buried, gravity flow to POU, currently an RV connection.

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.

YES 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.")

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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	0.01/0.005 cfs	0.032 cfs	Not Meas.	Dom Exp. 1	0.50	0.50

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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.

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?

NO

6. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
NA					

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 (CFS)
NA					

8. 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					Received
					MAY 27 2025

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

YES

Bulge in System / Reservoir

NO

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

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
ABS	2500	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?

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)
3"	ABS	150	80 ft	634 ft	0.126	0.553
1"	PVC	150	260 ft	1866 ft	0.139	0.032

3. Provide calculations:

See attached spread sheet for gravity pipe.

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)
Not Measured at	time of inspection		

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?

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NO

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	10-17-1995		
BEGIN CONSTRUCTION (A)			
COMPLETE CONSTRUCTION (B)	10-1-1997	10-1-1997	New owner of property completing CBU. System in-place prior to ownership.
COMPLETE APPLICATION OF WATER (C)	10-1-1998	10-1-1998	RV pad utilizing water domestically

* 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)?

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

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NO

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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?

NO

4. Recording and reporting conditions:

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

NO

5. Fish Screening:

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

YES

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

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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

c. When was the fish screening installed?

DATE	BY WHOM
Unknown	Unknown

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?

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?

NO

(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?

NO

b. 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):

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SECTION 6
ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Fish screen	Self certification
CBU Map	Final Proof Survey
PIPE CALCULATIONS	GRAVITY FLOW CALCS.

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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.

A Garmin Rino 650, handheld gps, used to locate coordinates of pertinent features. Along with Douglas County GIS with Ultra-high Imagery (2022).

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
- ☐na 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

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OREGON DEPARTMENT of FISH and WILDLIFE

FISH SCREENING PROGRAM

SMALL PUMP SCREEN SELF CERTIFICATION

FOR PERMITS OR TRANSFERS ISSUED PRIOR TO FEBRUARY 1, 2011

As evidence of having met fish screen installation requirements, please provide the information requested below, sign the certification, and send copies to:

Oregon Water Resources Department, and
Water Rights Section,
725 Summer Street NE, Suite A,
Salem, OR 97301-1271

Pete Baki
Oregon Dept. Fish and Wildlife
4034 Fairview Industrial Drive SE
Salem, OR 97302

Water right permit/certificate number: S-51706 Amount of water diverted 0.01 CFS

Stream: HILL CREEK Tributary to: SOUTH UMPQUA RIVER

Location (GPS if available): N 42° 59' 18.95" W 123° 21' 3.82"

Screen Length: 60" Screen Diameter: 18"φ

Is pump screen self-cleaning: NO

If screen is not a cylinder shape, please provide a diagram and measurements.

18"φ CORRUGATED ABS PIPE EMBEDDED PERPENDICULAR TO STREAMBED.
12" IN 48" OUT. ^{LIDDED} CAPPED AT OPEN END. GRAVITY FLOW.

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Certification:

I certify that my permit or transfer final order was issued prior to February 1, 2011.

I certify that my small pumped diversion of less than 225 gpm meets fish screening criteria, and that I will maintain it to comply with regulatory criteria. I also understand that should fish screening standards change, I may be required to modify my installation to meet applicable standards.

Applicant Signature: [Signature] Date: 11/01/24 WRD File #: _____

Printed Name and Address: ERIC SCHWARTZ

Phone: (360) 441-0170 Fax: () - NA

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Pipe Capacity Calculator

for pipes flowing full, using the Hazen-Williams Formula

Data Entry (fill in underlined blanks)

POD-tnk

Interior Diameter = 3 inches, or 0.25 feet
Roughness Coefficient (C) = 150
Fall = 80 feet per 634 feet of distance
Grade = 0.12618297, or 12.6% s=fall/distance

Results calculated

	formulas
Area of cross-section = 0.04909 square feet	$A = \pi * (D(\text{ft.})/2)^2$
Wetted Perimeter = 0.7854 feet	$WP = \pi * D(\text{ft.})$
Hydraulic Radius = 0.0625	A/WP
Velocity = 11.2707 feet per second	$v = 1.318 * C(r^{0.63})(s^{0.54})$

Pipe Capacity = 0.553 cubic feet per second = 248.3 gpm

tnk-POU

Interior Diameter = 1 inches, or 0.083333 feet
Roughness Coefficient (C) = 150
Fall = 260 feet per 1866 feet of distance
Grade = 0.13933548, or 13.9% s=fall/distance

Results calculated

	formulas
Area of cross-section = 0.00545 square feet	$A = \pi * (D(\text{ft.})/2)^2$
Wetted Perimeter = 0.2618 feet	$WP = \pi * D(\text{ft.})$
Hydraulic Radius = 0.02083	A/WP
Velocity = 5.95138 feet per second	$v = 1.318 * C(r^{0.63})(s^{0.54})$

Pipe Capacity = 0.032 cubic feet per second = 14.6 gpm

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Invoice of Services Rendered

Nathan R. Reed, PE, CWRE
157 W. Bodie St., Roseburg, Oregon 97471
541.784.7191 / nreed68@hotmail.com

Name: Eric Schwartz
Address: 16747 Armstrongs Woods Road
Gerenville, CA 95446

Permit/Certificate/Transfer No: S-51706

Services: Claim of Beneficial Use Fee: \$800.00

Thank you for allowing me to be of service.

Nathan

Notes/Instructions:

- Paper-clipped paper submit to the Oregon Water Resources Dept.
- Stapled copy, under this invoice, is our copy.
- 1 Sign, print, title (landowner) and date page 3 of 11.
- 2 Fill in the bottom of the Fish Screening Program Small Pump Screen Self Certification.
- 3 Make payment to the Oregon Water Resources Departement for \$230.00 and attach to the paper-clipped copy.
- 4 Use pre-addressed envelope to mail to Oregon Water Resources Dept.
- 5 Mail extra fish screen self certification after completing bottom portion in provided envelope.

Payment of this invoice is required upon receipt of documents.

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claiming 0.1 cfs or less**



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SECTION 1

GENERAL INFORMATION

1. File Information:

APPLICATION # S-73112	PERMIT # (IF APPLICABLE) S-51706	PERMIT AMENDMENT # (IF APPLICABLE) NA
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME ERIC SCHWARTZ		PHONE NO. 360-461-0176	ADDITIONAL CONTACT NO. NA
ADDRESS 16747 ARMSTRONG WOODS ROAD			
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PERMIT HOLDER OF RECORD DANIEL & LAURA PEARCE		
ADDRESS 9514 TREVORS CT.		
CITY LAKESIDE	STATE CA	ZIP 92040

ADDITIONAL PERMIT HOLDER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:**10/25/2024****5. Person(s) interviewed and description of their association with the project:**

NAME	DATE	ASSOCIATION WITH THE PROJECT
HOMER RADFORD	10-25-24	LANDOWNER POD

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		Received
ADDRESS		MAY 27 2025
CITY	STATE	ZIP OWRD

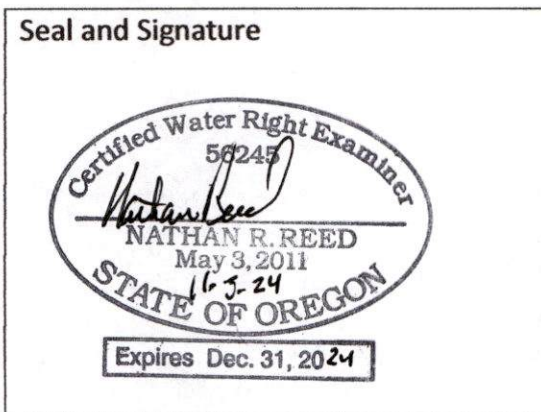
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ADDRESS 157 WEST BODIE STREET		
CITY ROSEBURG	STATE OR	ZIP 97471
E-MAIL nreed68@hotmail.com		

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SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE

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

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD	HILP CREEK	SOUTH 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	DOM. EXP. 1	LAWN/GARDEN	12/1-6/30	0.01 CFS
" "	HUM/LVSTK/GAR	NON COM GARD	7/1-11/30	0.005 CFS
Total Quantity of Water Used				

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Each standpipe has 1" ABS, above ground, connecting to 3" ABS, buried, gravity flow to 2500 gallon ABS tank, above ground. 1" PVC, buried, gravity flow to POU, currently an RV connection.

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. YES 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.")

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POD	0.01/0.005 cfs	0.032 cfs	Not Meas.	Dom Exp. 1	0.50	0.50

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs?

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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.

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SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (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 (CFS)

8. 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
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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

YES

Bulge in System / Reservoir

NO

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

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED
ABS	2500	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?

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)
3"	ABS	150	80 ft	634 ft	0.126	0.553
1"	PVC	150	260 ft	1866 ft	0.139	0.032

3. Provide calculations:

See attached spread sheet for gravity pipe.

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)
Not Measured at	time of inspection		

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?

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F. Additional notes or comments related to the system:

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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	10-17-1995		
BEGIN CONSTRUCTION (A)			
COMPLETE CONSTRUCTION (B)	10-1-1997	10-1-1997	New owner of property completing CBU. System in-place prior to ownership.
COMPLETE APPLICATION OF WATER (C)	10-1-1998	10-1-1998	RV pad utilizing water domestically

* 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?

NO

4. Recording and reporting conditions:

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

NO

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

c. When was the fish screening installed?

DATE	BY WHOM
Unknown	Unknown

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?

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?

NO

(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?

NO

b. 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):

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SECTION 6
ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Fish screen	Self certification
CBU Map	Final Proof Survey

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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.

A Garmin Rino 650, handheld gps, used to locate coordinates of pertinent features. Along with Douglas County GIS with Ultra-high Imagery (2022).

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
- ☐ na 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

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OREGON DEPARTMENT of FISH and WILDLIFE

FISH SCREENING PROGRAM

SMALL PUMP SCREEN SELF CERTIFICATION

FOR PERMITS OR TRANSFERS ISSUED PRIOR TO FEBRUARY 1, 2011

As evidence of having met fish screen installation requirements, please provide the information requested below, sign the certification, and send copies to:

Oregon Water Resources Department, and
Water Rights Section,
725 Summer Street NE, Suite A,
Salem, OR 97301-1271

Pete Baki
Oregon Dept. Fish and Wildlife
4034 Fairview Industrial Drive SE
Salem, OR 97302

Water right permit/certificate number: S-5170L Amount of water diverted 0.01 CFS

Stream: HILP CREEK Tributary to: SOUTH UMPIQUA RIVER

Location (GPS if available): N 42° 59' 18.95" W 123° 21' 3.82"

Screen Length: 60" Screen Diameter: 18"φ

Is pump screen self-cleaning: NO

If screen is not a cylinder shape, please provide a diagram and measurements.

18"φ CORRUGATED ABS PIPE EMBEDDED PERPENDICULAR TO STREAMBED.
12" IN 48" OUT. LIDDED GAPPED AT OPEN END. GRAVITY FLOW.

Certification:

I certify that my permit or transfer final order was issued prior to February 1, 2011.

I certify that my small pumped diversion of less than 225 gpm meets fish screening criteria, and that I will maintain it to comply with regulatory criteria. I also understand that should fish screening standards change, I may be required to modify my installation to meet applicable standards.

Applicant Signature: _____ Date: / / WRD File #: _____

Printed Name and Address: _____

Phone: () _____ Fax: () _____

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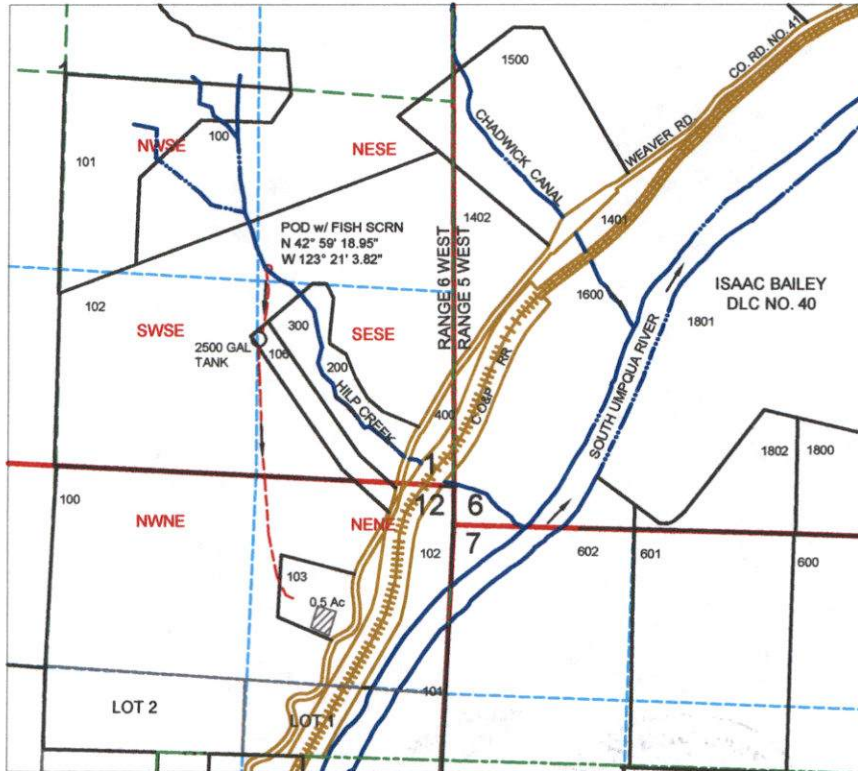
Claim of Beneficial Use

FOR: ERIC SCHWARTZ
BY: NATHAN REED, PE, CWRE
T30S, R6W, W.M. SECTION 1
APPLICATION No.: S-73112
PERMIT No.: S-51706

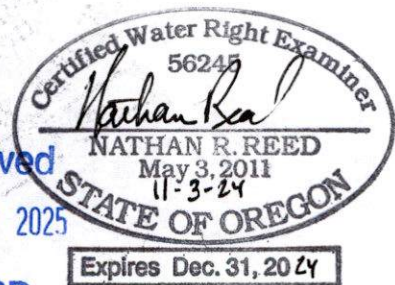


DATE OF SURVEY: OCTOBER 25, 2024

SCALE: 1" = 1320'



POD IS LOCATED 1398 FEET NORTH & 1263 FEET WEST OF SE CORNER OF SECTION 1.

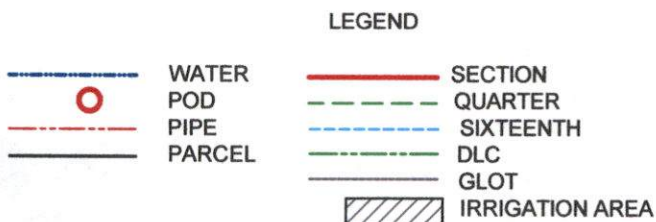


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MAP PREPARED FOR:
ERIC SCHWARTZ
16747 ARMSTRONG WOODS ROAD
GERENVILLE, CA 95446

MAP PREPARED BY:
NATHAN REED PE, CWRE
157 WEST BODIE STREET
ROSEBURG, OR 97471

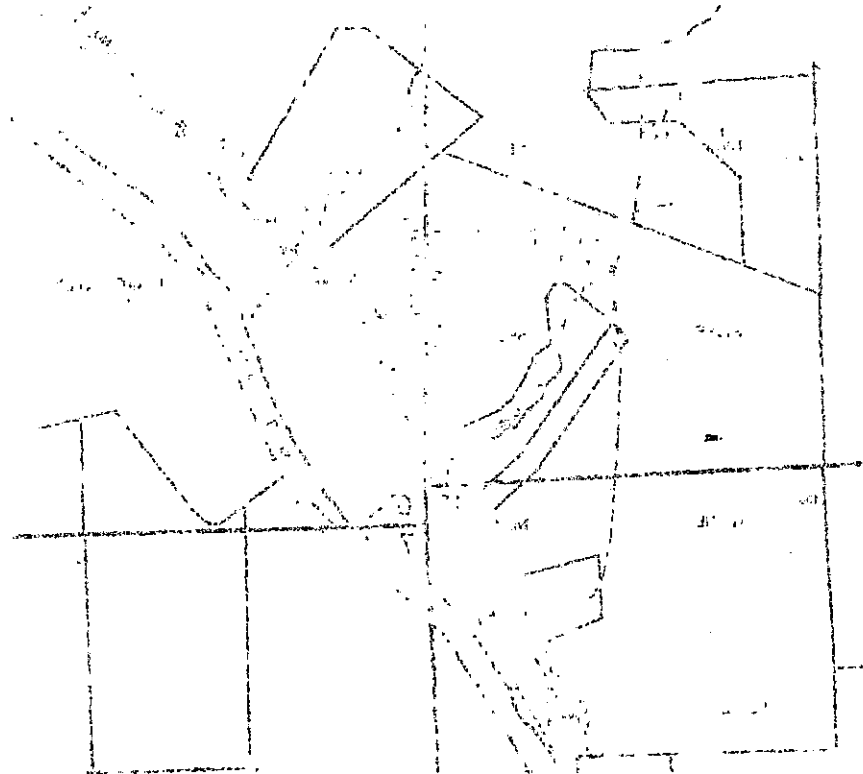
THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

Claim of Beneficial Use

FOR ERIC SCHWARTZ
BY NATHAN LEED, ESQ.
1305 RIVINGTON AVE. SECTION 1
ALP. LOCATION 5-73112
PERMIT NO. 2-87708

DATE OF SURVEY, OCTOBER 25, 1937

SCALE 1" = 100'



POB IS LOCATED 198 FEET NORTH & 1283 FEET WEST OF SE CORNER OF SECTION 1

MAP PREPARED FOR
ERIC SCHWARTZ
1305 RIVINGTON AVE. SECTION 1
ALP. LOCATION 5-73112
PERMIT NO. 2-87708

MAP PREPARED FOR
ERIC SCHWARTZ
1305 RIVINGTON AVE. SECTION 1
ALP. LOCATION 5-73112
PERMIT NO. 2-87708

LEGEND
WATER
FLOOD
RIVER
BARGE
SECTION
TRACT
SECTION AREA

MAP PREPARED FOR
ERIC SCHWARTZ
1305 RIVINGTON AVE. SECTION 1
ALP. LOCATION 5-73112
PERMIT NO. 2-87708

THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE
POB. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE
TO LOCATION OF PROPERTY OWNERSHIP BOUNDARIES.

Pipe Capacity Calculator

for pipes flowing full, using the Hazen-Williams Formula

Data Entry (fill in underlined blanks)

POD-tnk

Interior Diameter = 3 inches, or 0.25 feet
Roughness Coefficient (C) = 150
Fall = 80 feet per 634 feet of distance
Grade = 0.12618297, or 12.6% $s = \text{fall/distance}$

Results calculated

	formulas
Area of cross-section = 0.04909 square feet	$A = \pi * (D(\text{ft.})/2)^2$
Wetted Perimeter = 0.7854 feet	$WP = \pi * (D(\text{ft.}))$
Hydraulic Radius = 0.0625	A/WP
Velocity = 11.2707 feet per second	$v = 1.318 * C(r^{0.63})(s^{0.54})$

Pipe Capacity = 0.553 cubic feet per second = 248.3 gpm

tnk-POU

Interior Diameter = 1 inches, or 0.083333 feet
Roughness Coefficient (C) = 150
Fall = 260 feet per 1866 feet of distance
Grade = 0.13933548, or 13.9% $s = \text{fall/distance}$

Results calculated

	formulas
Area of cross-section = 0.00545 square feet	$A = \pi * (D(\text{ft.})/2)^2$
Wetted Perimeter = 0.2618 feet	$WP = \pi * (D(\text{ft.}))$
Hydraulic Radius = 0.02083	A/WP
Velocity = 5.95138 feet per second	$v = 1.318 * C(r^{0.63})(s^{0.54})$

Pipe Capacity = 0.032 cubic feet per second = 14.6 gpm

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