

**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 \$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>

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**SECTION 1**

**GENERAL INFORMATION**

**1. File Information:**

APPLICATION # <b>S-88928</b>	PERMIT # (IF APPLICABLE) <b>S-55359</b>	PERMIT AMENDMENT # (IF APPLICABLE) <b>NA</b>
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**2. Property Owner (current owner information):**

APPLICANT/BUSINESS NAME <b>Blaine Messerle</b>		PHONE NO. <b>541-269-1963</b>	ADDITIONAL CONTACT NO.
ADDRESS <b>63098 N Barry Road</b>			
CITY <b>Coos Bay</b>	STATE <b>OREGON</b>	ZIP <b>97420</b>	E-MAIL <b>alleganywd@gmail.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 holder of record (this may, or may not, be the current property owner):**

PERMIT HOLDER OF RECORD <b>Blaine Messerle</b>			
ADDRESS <b>63098 N Barry Road</b>			
CITY <b>Coos Bay</b>	STATE <b>OREGON</b>	ZIP <b>97420</b>	

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

**4. Date of Site Inspection:**

**02/09/2023**

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
<b>Blaine Messerle</b>	<b>02/09/2023</b>	<b>Owner</b>

**6. County:**

**Coos**

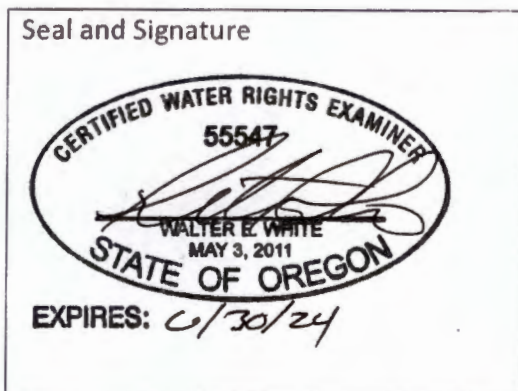
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**SECTION 2  
SIGNATURES**

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 <b>Walter White</b>		PHONE NO. <b>541-266-9890</b>	ADDITIONAL CONTACT NO.
ADDRESS <b>275 Market Avenue</b>			
CITY <b>Coos Bay</b>	STATE <b>OREGON</b>	ZIP <b>97420</b>	E-MAIL <b>wwhite@shn-engr.com</b>

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
	<b>Blaine Messerle</b>	<b>Owner</b>	<b>2-24-23</b>

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

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

POD NAME OR NUMBER	SOURCE	TRIBUTARY
1	Unnamed Stream	Marlow Creek

**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)
1	Human Consumption	NA	Water use began November 2022 to current	9.6 GPM
<b>Total Quantity of Water Used</b>				<b>8597.14 Gallons</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:**

**2" pvc intake with screen reduced to a 1" poly line which gravity flows to a 300 gallon holding tank. From the 300 gallon holding tank, a 1" poly gravity flows to a 1/2 HP Goulds pump transfers water to a Hydro-Pneumatic Pump Tank through a 1" Carlon totalizing multi-jet meter up to a 2500 gallon storage tank at the stick built home. From the 2500 gallong storage tank, 1/2 HP Goulds pump transfers water through a Pentair Wellmate tank to the Place of Use (House).**

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.")

**5. Claim Summary:**

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POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
<b>1</b>	<b>0.005 CFS</b>	<b>0.02 CFS</b>	<b>5 Gallons</b>	<b>Human Consump tion</b>	<b>NA</b>	<b>NA</b>

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## SECTION 4 SYSTEM DESCRIPTION

Are there multiple PODs?

YES  **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?

**YES**  **NO**

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

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)
Goulds	C48A93A06	28621CH	Jet

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)
1/2	63	20-foot gravity to pump	30 feet	0.02

4. Provide pump calculations:

Turbine = 7.04      No Efficiency found for jet pump

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

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HP = 0.5

Efficiency = 7.04

Lift = 30

PSI = 63

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**Results Calculated**

(hp)(efficiency) =	3.52
Head based on psi =	160.0
Total dynamic head =	190.0
(head + lift)	
<b>Pump Capacity =</b>	<b>0.02</b>

**cubic feet per second**

**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)
8592.14	8597.14	32 sec	0.03 cfs

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

**C. Storage**

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

YES  NO

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

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

YES  NO  
 YES  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
PLASTIC	300	ABOVE
PLASTIC	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  NO

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)
1"	POLY	140	20-feet	82	24.4%	0.042

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**3. Provide calculations:**

Gravity from Intake to Holding Tank			
Interior Diameter =	1	inches,	
		or	0.08333333 feet
Roughness Coefficient (C) =	145		
Fall =	20	feet	per 82 feet of distance
Grade =	0.243902439	, or	24.4%
Results calculated			
Area of cross-section =	0.005454	square feet	
Wetted Perimeter =	0.261799	feet	
Hydraulic Radius =	0.020833		
Velocity =	7.783916	feet per second	
<b>Pipe Capacity =</b>	<b>0.042</b>	<b>cubic feet per second</b>	

**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			

Attach measurement notes.

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

Measured pump capacity was measured from 1/2 HP pump at house from a hose bib at the northeast corner of garage.

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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	March 22, 2022		
BEGIN CONSTRUCTION (A)	March 22, 2027	Sept. 13, 2022	Intake and holding tank installed
COMPLETE CONSTRUCTION (B)	March 22, 2027	Sept. 15, 2022	Holding tank and pumps installed
COMPLETE APPLICATION OF WATER (C)	March 22, 2027	Sept. 15, 2022	Owner used water

\* 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)?

YES  NO

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  NO

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  NO

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
1	Carlton	20010776	Working	8597.14 Gallons	Sept. 15, 2022

4. Recording and reporting conditions:

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

YES  NO

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

b. Have the reports been submitted?

YES  NO

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

5. Fish Screening:

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

YES  NO

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  NO

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c. When was the fish screening installed?

DATE	BY WHOM
NA	

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.

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  NO
- b. Other conditions?  YES  NO

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

No obstructions in source stream. No areas of disturbance visible at the POD.

## SECTION 6 ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
ODFW Email from C. Claire	No fish screen necessary
Water Use Reporting	Water Use Reporting
Waiver	Claim Map scale waiver approval by G. Clark

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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.

Utilized Trimble R10 receivers to locate water system and 1/16 corner. Parcel lines were taken from Coos County GIS.

### 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

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## Walter White

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**From:** Blaine Messerle <alleganywd@gmail.com>  
**Sent:** Thursday, February 16, 2023 1:06 PM  
**To:** Walter White  
**Subject:** Fwd: Water\_Right\_Withdrawal S-88928

**CAUTION:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

See attached ODFW letter

Blaine Messerle  
Allegany Doors Windows & More Inc.  
Phone: (541)269-1963  
Fax: (541)269-7763

----- Forwarded message -----

**From:** CLAIRE Christopher w \* ODFW <[Christopher.w.CLAIRE@odfw.oregon.gov](mailto:Christopher.w.CLAIRE@odfw.oregon.gov)>  
**Date:** Wed, Feb 15, 2023 at 8:10 PM  
**Subject:** Water\_Right\_Withdrawal S-88928  
**To:** GRAHAM Elisabeth A \* WRD <[Elisabeth.A.GRAHAM@water.oregon.gov](mailto:Elisabeth.A.GRAHAM@water.oregon.gov)>  
**Cc:** DOUTHIT Susan M \* WRD <[Susan.M.DOUTHIT@water.oregon.gov](mailto:Susan.M.DOUTHIT@water.oregon.gov)>, [alleganywd@gmail.com](mailto:alleganywd@gmail.com)  
<[alleganywd@gmail.com](mailto:alleganywd@gmail.com)>

Elizabeth,

The Oregon Department of Fish and Wildlife has communicated directly with Blaine Messerle concerning the Water Right application # S-88928 and the potential need for screening of the intake in order to eliminate risk of entrainment of fish into the system. Mr. Messerle has informed ODFW that no water is being withdrawn directly from Marlow Creek and only from the steep side-slope stream behind the dwelling. Following review of the location of the withdrawal using GIS assessment, ODFW has determined that the stream where the water withdrawal occurs is non-fish bearing. In that regard screening for fish is not necessary for this water withdrawal. ODFW does recommend that a ¼ inch diameter mesh screen be placed over the into to prevent entrainment of amphibians into the system.

Thanks for your concern with conservation of Oregon's fish and wildlife and their habitats.

Best,

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Chris,

Christopher W. Claire

Habitat Protection Biologist

Oregon Dept. of Fish and Wildlife

P.O. Box 5003

Charleston, OR 97420

wk 541-857-2391

wk. cell # 541-551-1631

[christopher.w.claire@odfw.oregon.gov](mailto:christopher.w.claire@odfw.oregon.gov)

*"Creation of hydrologic chaos does  
not necessarily mean you have created  
habitat."*



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Water Year	Reporter Name				Type of Measurement	Unit of Measurement						
October	November	December	January	February	March	April	May	June	July	August	September	
2023	Blaine Messerle				FMT	G	Irrigated Acres					
4000.00000	6000.00000	8000.00000	8597.14000								2000.00000	
2022	Blaine Messerle				FMT	G	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	

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## Walter White

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**From:** CLARK Gerald E \* WRD <Gerald.E.CLARK@water.oregon.gov>  
**Sent:** Wednesday, March 1, 2023 9:31 AM  
**To:** Walter White  
**Subject:** Messerle Permit S\_55359

**CAUTION:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Walter,

Per our discussions, and the review of the draft Claim and Claim map, your request to use a scale of 1" = 500' and a detail map of the place of use at a scale of 1" = 100' is approved.

Please attach a copy of this message to your Claim.

If you have any additional questions, please feel free to contact me.

Gerry

[Gerry Clark](#)

He/Him/His

**Oregon Water Resources Department**

Program Analyst, Certificate Section, Water Right Services Division

725 Summer Street NE, Suite A Salem, OR 97301 | Phone 503-979-9103

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