Checklist for Claims of Beneficial Use Received at CSG Counter

Application # 5. 88060	WRD Reviewer County
Transfer #	•
Date Received 3.23.2021	
CWRE Name John Milee	* :

Priority Date: 316/2015 Fees Required:



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

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

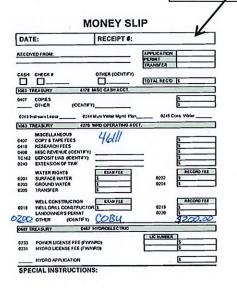
Example – A transfer involves 5 rights and one of the rights has a priority date of July 9, 1987, or later, the fee is required.

Map Review:

- _x __Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
- X Application & permit #; or transfer # (OAR 690-014-0100(1))
- X Disclaimer (OAR 690-014-0170(5))
- X North arrow (OAR 690-310-0050(2)(c))
- X 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:

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



RETURN TO APPLICANT - LETTER ATTACHED

Fill in App or Transfer Number

Groundwater File Review: NA

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 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.

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

RECEIVED

MAR 2 3 2021

OWRD

SECTION 1

GENERAL INFORMATION

1. File Information:

APPLICATION #	PERMIT#	PERMIT AMENDMENT #
S- 88060	S-55198	NA

2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Malpass Land Company		PHONE NO (541) 995		
ADDRESS 32255 Bowers Drive				
CITY Harrisburg	STATE	ZIP 97446	E-MAIL jdewall@uwol.net	

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. <u>Each</u> 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			
Malpass Land Company			
Address			***************************************
32255 Bowers Drive			
Сіту	STATE	ZIP	**************************************
Harrisburg	OR	97446	

ADDITIONAL PERMIT HOLDER OF RECORD		
NA		
Address		
NA		
Сіту	STATE	ZIP
NA	NA	NA

4. Date of Site Inspection:

08/29

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

Name	DATE	ASSOCIATION WITH THE PROJECT
Jane Dewall	08/29/2020	Property owner and permit holder

6. County:

Linn				

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			
NA			
CITY	STATE	ZIP	DECEMEN
NA	NA	NA	RECEIVED

Add additional tables for owners of record as needed

MAR 2 3 2021

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.



RECEIVED
MAR 2 3 2021

OWRD

CWRE NAME John McGee		PHONE NO (541) 929	
Address	*		•
PO Box 1472	*		
CITY	STATE	ZIP	E-MAIL
Philomath	OR	97370	johnmcgee@jdmcgee.com

Permit Holder of Record Signature or Acknowledgement

<u>Each</u> 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

Jame S. Dewall Shaveholder 1/29/21

CLAIM DESCRIPTION

1. Point of diversion name or number:

	POINT OF DIVERSION
	(POD) NAME OR NUMBER
	(CORRESPOND TO MAP)
POD	

2. Point of diversion source and tributary:

POD Name or Number	Source	Tributary
POD	Willamette Basin Project Reservoirs	McKenzie River
	willamette basiii Project Reservoirs	Wickenzie River

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)
POD	Irrigation	Hazelnuts	June 2020 – October 2020	1.6 AF
Total Quantity of	1.6 AF			

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:

The water distribution system begins at the Malpass Land Company Point of Diversion on Muddy Creek, where the water is pumped by a centrifugal pump located next to Muddy Creek. The pump is connected to a passive pump fish screen, as defined by ODFW, which lies on the bottom of the creek. The pump directs water through the 4" totalizing flow meter and through 2,120' of 5" diameter buried PVC that transitions to 1,860' of 4" diameter buried PVC that transitions to 2,300' of 3" diameter buried PVC along the west boundary of the field. ½" drip lines with 24" spacing run east to west across the property, with rows spaced approximately 20' on-center to irrigate hazelnut trees.

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.

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.")

6. Claim Summary:

RECEIVED

MAR 2 3 2021

NAME OR #	AUTHORIZED	THEORETICAL RATE BASED ON SYSTEM	WATER MEASURED		ALLOWED	DEVELOPED
POD N	N/A	0.34	N/A	Irrigation	34.9	34.9

RECEIVED
MAR 2 3 2021

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

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
15S	3W	WIVI	30	SW-NE	N/A	N/A	Irrigation	16.5	N/A
15S	3W	WM	30	SE-NE	N/A	N/A	Irrigation	0.4	N/A
15S	3W	WIM	30	NW-SE	N/A	N/A	Irrigation	8.0	N/A
15S	3W	WM	30	NE-SE	N/A	N/A	Irrigation	6.3	N/A
15S	3W	WM	30	SE-SE	N/A	N/A	Irrigation	3.7	N/A
Total A	cres Irri	gated	34.9	N/A					

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 <u>and</u> 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	SERIAL NUMBER TYPE (CENTRIFUGAL,		DISCHARGE
			TURBINE OR SUBMERSIBLE)		SIZE
Cornell Pump Co.	2.5WH-15-2	241396 6.25 0.00	Centrifugal	3"	2.5"

3. Motor Information:

MANUFACTURER	Horsepower
Baldor-Reliance	15

RECEIVED

MAR 2 3 2021

4. Theoretical Pump Capacity:

Horsepower	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
15	42.32	5'	Discharge Lift = 6.2' Friction Loss = 173.8'	0.34

5. Provide pump calculations:

Pipe Friction Losses Calculated using the Hazen-Williams Equation: $(k^*L^*Q^{1.852})/(C^{1.852}(D/12)^{4.8704}) = \text{Head in Feet}$

Design flow rate for 34.4 acre irrigated area per irrigation system design = 165 GPM (0.37 cfs)

Unusually Long pipeline components:

	3" PVC		4" PVC		5" PVC	
Constant	k =	4.727	k =	4.727	k =	4.727
Length	L (ft)=	2300	L (ft)=	1860	L (ft)=	2120
Roughness Coefficient	C =	150	C =	150	C =	150
Flowrate	Q (CFS) =	0.37	Q (CFS) =	0.37	Q (CFS) =	0.37
Diameter	D (in) =	3	D (in) =	4	D (in) =	5

3" PVC: $(4.727*2300*0.37^{1.852})/(150^{1.852}(3/12)^{4.8704}) = 136.2$ Feet 4" PVC: $(4.727*1860*0.37^{1.852})/(150^{1.852}(4/12)^{4.8704}) = 27.1$ Feet 5" PVC: $(4.727*2120*0.37^{1.852})/(150^{1.852}(5/12)^{4.8704}) = 10.4$ Feet

Total Friction Head Loss = 173.8 Feet

Theoretical Capacity of System – Operating Pressure per Design = 42.32

(HP*Efficiency)/(Lift+ PSI Head) = Capacity in CFS (PSI/0.433)*1.1 = Head in Feet based on PSI

Pump Capacity:

(42.32/0.433)*1.1 = 107.5 ft

(15*6.61)/((173.8+11.2)+107.5) = 0.34 cfs

RECEIVED

MAR 2 3 2021

OWRD

System Capacity = 0.34 cfs

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	N/A	N/A	N/A

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

7. Is the distribution system piped?

YES

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

8. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
2" Diameter	1,300'	PVC	Buried
3" Diameter	2,300'	PVC	Buried
4" Diameter	1,860'	PVC	Buried
5" Diameter	2,120'	PVC	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	Buried or Above Ground
N/A	N/A	N/A	N/A

10. Sprinkler Information:

Size	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A	N/A	N/A	N/A	N/A	N/A

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

11. Drip Emitter Information:

Size	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
0.54" ID drip line with 24" spacing	10	0.0043	35,511	35,511	0.37

12. Drip Tape Information:

SPACING IN INCHES	100 FEET	LENGTH OF TAPE	LENGTH OF TAPE USED	OUTPUT (CFS)	
N/A	N/A	N/A	N/A	N/A	N/A

RECEIVED

MAR 2 3 2021



13. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
N/A	N/A	N/A	N/A	N/A

	C+	-	40	~	_
c.	St	U	d	ĸ	e

1.	Does the dist	ribution system	include in-system	storage (e.g.	storage t	ank
bι	ulge in system	/ reservoir)?				

NO

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

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	comment	s related	to th	ne system:	

RECEIVED

MAR 2 3 2021

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 permit extension of time:

	DATE FROM	DATE	DESCRIPTION OF ACTIONS TAKEN BY
	PERMIT	ACCOMPLISHED*	WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	May 28, 2019		
BEGIN CONSTRUCTION (A)	May 28, 2019	June 1, 2019	
COMPLETE CONSTRUCTION (B)	May 28, 2024	June 10, 2020	All system components, including the fish screen and totalizing flow meter, were installed at the POD shown on the permit.
COMPLETE APPLICATION OF WATER (C)	May 28, 2024	June 10, 2020	The system was operating as intended and irrigating the POU upon completion of installation.

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

RECEIVED

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

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

3. Measurement Conditions:

OWRD

MAR 2 3 2021

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

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
POD	Netafim	19-100067472	Working	222,767	6/10/2020

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

- 4. Recording and reporting conditions:
- a. Is the water user required to report the water use to the Department?

NO

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

- 5. Fish Screening:
- a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion?

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	Ву Wном
6/10/2020	Knox AG Irrigation, Anthony Knox

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

RECEIVED

MAR 2 3 2021

- d. If the diversion **involves a pump** <u>and</u> 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 <u>or</u>** 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?

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.

MAR **2 3** 2021

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. Was a fishway required?

c. Was submittal of a water management and conservation plan required?

d. Other conditions?

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

The POD was previously developed. The riparian area was not disturbed through any further development.

SECTION 6

ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Exhibit Map 1	CBU Map showing Malpass POU and Conditions
Exhibit Map 2	CBU Map showing muddy creek POD
ODFW Fish Screen Approval	Approval letter from ODFW for the installed fish screen

MAR 2 3 2021

OWRD

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.

The location of the Place of Use, meter, and pump was measured from the SE corner of Section 30 using GPS. The irrigation mainline was drawn from irrigation maps provided by the property owner. Boundary lines were based on County tax assessor maps.

Map Checklist

Man on polyester film

 \square

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 peryester min	
\boxtimes	Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scassessor map)	ale of the county
\boxtimes	Township, Range, Section, Donation Land Claims, and Government Lots	
\boxtimes	If irrigation, number of acres irrigated within each projected Donation Lar Government Lots, Quarter-Quarters	nd Claims,
\boxtimes	Locations of fish screens and/or fish by-pass devices in relationship to poi	nt of diversion
	Locations of meters and/or measuring devices in relationship to point of appropriation	diversion or
\boxtimes	Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, e	etc.)
\boxtimes	Point(s) of diversion or appropriation (illustrated and coordinates)	
\boxtimes	Tax lot boundaries and numbers	
\boxtimes	Source illustrated if surface water	
\boxtimes	Disclaimer ("This map is not intended to provide legal dimensions or locat ownership lines")	cions of property
\boxtimes	Application and permit number or transfer number	OFIVED
\boxtimes	North arrow	RECEIVED
\boxtimes	Legend	MAR 2 3 2021
\boxtimes	CWRE stamp and signature	OWDD

MALPASS LAND COMPANY CLAIM OF BENEFICIAL USE EXHIBIT MAP 1 OF 2

FEBRUARY 15, 2021

TAX MAP 15S03W30

located in

SECTION 30, TOWNSHIP 15 SOUTH, RANGE 3 WEST, WILLAMETTE MERIDIAN LINN COUNTY, OREGON

> APPLICATION S-88060 PERMIT S-55198

> > PLACE OF USE

AREA A
16.5 PRIMARY
IRRIGATED ACRES
SW 1/4, NE 1/4,
SECTION 30, T 15S,
R 03W, W.M.

AREA C
8.0 PRIMARY
IRRIGATED ACRES
NW 1/4, SE 1/4,
SECTION 30, T 15S,
R 03W, W.M.

AREA B 0.4 PRIMARY IRRIGATED ACRES SE 1/4, NE 1/4, SECTION 30, T 15S, R 03W, W.M. AREA D 6.3 PRIMARY IRRIGATED ACRES NE 1/4, SE 1/4, SECTION 30, T 15S, R 03W, W.M.

AREA E 3.7 PRIMARY IRRIGATED ACRES SE 1/4, SE 1/4, SECTION 30, T 15S, R 03W, W.M.

MAP BASE: COUNTY GIS AND TAX ASSESSOR MAP.

POSITIONS OF STRUCTURES RELATIVE TO SE CORNER OF SECTION 30 ARE BASED ON A GPS SURVEY.

THIS MAP IS NOT INTENDED TO PROVIDE LEGAL DIMENSIONS OR LOCATION OF PROPERTY OWNERSHIP LINES.

JDMcGee, Inc.

Engineering & Surveying Land Use Planning Wastewater Design Solving Problems for You" 1215 Main Street PD Box 1472 Philomath, DR 97370 (541) 929-4226 (541) 929-4227 fax

DRAWN BY: KP JDM PROJECT #: 19-46 CHECKED BY: JDM DATE: 2-15-2021

