CLAIM OF BENEFICIAL USE for Groundwater 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

A fee of \$230 must accompany this form for <u>permits</u> 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.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

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

Received by OWRD

GENERAL INFORMATION

JUN 1 2 2024

1. File Information:

Sa	lem,	OR

APPLICATION #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-13028	G-12137	N/A

2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME		PHONE NO		Additional Contact No.
Grace Dinsdale	Dinsdale		1997	503.357.2904
ADDRESS				
PO Box 447				
Сіту	STATE	ZIP	E-MAIL	
Cornelius	OREGON	OREGON 97113 gkdinsdale@gmail.com		@gmail.com

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

PERMIT HOLDER OF RECORD		
Grace Dinsdale		
ADDRESS		
PO Box 447		
CITY	STATE	ZIP
Cornelius	OREGON	97113

Additional Permit Holder of Record				
Address				
Сіту	STATE	ZIP		

4. Date of Site Inspection:

12/13/2022, 3/26/2024, 5/22/2024

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

project:

Name	DATE	ASSOCIATION WITH THE PROJECT
Grace Dinsdale	12/13/2022, 3/26/2024,	Land owner and Water Right Applicant

6. County:

Washington

7. If any property described in the place of use of the permit is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

OWNER OF RECORD		
Blooming Nursery Real Estate Hol	ding LLC	
ADDRESS		
3955 SW Golf Course Road		
CITY	STATE	ZIP
Cornelius	OREGON	97113

Add additional tables for owners of record as needed

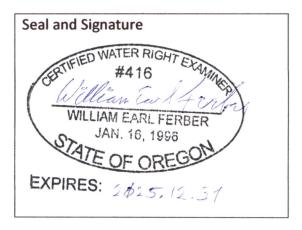
Received by OWRD

JUN 1 2 2024VR

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		PHONE NO.		ADDITIONAL CONTACT NO.
ill Ferber/BK Water Right Consulting, LLC		503.910.9212		
ADDRESS				
PO Box 13				
Сіту	STATE	ZIP	E-MAIL	
Brush Prairie	WA	98606	bill@bkwrc	.com

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.

JUN 1 2 2024

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
Grandiner RT Holding Gr.	Grace DIN dHe	Blocking NWOW, RE President Holding	4/10/24
Grandinen for Dined Altarn Inc	Gradinale	Dradon Formly President	6/10/24
Gan Dine	Grace Dinsdule	Owner	6110/zy
			·

Received by OWRD
JUN 1 2 2024

CLAIM DESCRIPTION

1. Point of appropriation name or number:

POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Deep Well	WASH 1516	N/A

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

2. Point of appropriation source, if indicated on permit:

POA	Source	Tributary
NAME OR NUMBER	BASIN LOCATED WITHIN	
Deep Well	Carpenter Creek Basin	N/A

3. Developed use(s), period of use, and rate for each use:

POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER	ACTUAL RATE OR VOLUME USED
Deep Well	Agricultural Use	Nursery Stock, vegetables, hay, cover crop	Year round	(CFS, GPM, OR AF) 1.22 cfs
Total Quantity of	Water Used			

4. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of appropriation to the place of use:

Water is pumped from Deep Well, Well Log WASH 1516, by a 30 horsepower submersible pump and transported via 6" buried PVC main line to 4"above ground aluminum laterals, then to big reel guns, stationary guns and/or hand lines and handheld hoses. Big reel guns, stationary guns, hand lines and handheld hoses are used in any combination need to satisfy water needs.

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, permit amendment final order, or extension final order? If yes, describe below.

YES NO

(e.g. "The permit allowed three points of appropriation. 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.")

Due to creation of a new tax lot, 1300, any POU originally identified on the new tax lot, 1300, was not developed and is not part of this CoBU. 33.1 acres on Tax Lot 1300 were originally part of Permit G 12137 POU. These 31.3 acres are no longer served water and no longer considered part of Permit G 12137.

6. Claim Summary:

Received by OWRD

JUN 1 2 2024

POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Deep Well	1.45 cfs	1.22 cfs	1.22 cfs	Nursery Stock, vegetables, hay, cover crop, preparation of nursery stock for shipping	104.3	71.7

Received by OWRD
JUN 1 2 2024

SYSTEM DESCRIPTION

Are th	ere mult	tiple POA	s?					,	YES	NO
If "YES	"you wi	II need to	copy and c	omplete a s	eparate	Sectio	n 4 for ea	ch POA.		
POA N	ame or I	Number 1	this section o	describes (o	nly nee	ded if t	here is mo	ore than one):		
		Deep	Well							
A. Pla	ice of U	Jse								
1. Is ti	he right	for muni	cipal use?						YES	NO
If "YES	" the tal	ble below	may be dele	eted.						
TWP	RNG	Mer	SEC (QQ GI	LOT D	LC	USE	IF IRRIGATION, # PRIMARY ACRES		IRRIGATION, # UPPLEMENTAL ACRES
	-									
Total Ac	res Irriga	ated								
B. Gro 1. Is the state of "NO" 2. Design 25' thr	oundwa he appro ", items a scribe the readed p	ater Sou opriation 2 through e access ort in sar	nd if for irrigative irree Information well in 4 relating to port (type anitary seal. P	nation, the number of the number of this section ort on East	vell) on may o) or oth	be dele	ted.	Claims (DLC), Gove ithin each projecte asure the water lo	YES evel i	NO n the well:
DIAME		CASING DEPTH	TOTAL DEPTH	COMPLET DATE O ORIGINAL)F	DAT	PLETION TES OF ACTIONS	WHO THE WELL WAS DRILLED FOR		ELL DRILLED BY
			formation re ocate any we				-	e any other information.	matic	on which may
Vell Log	: WASH	1516								
C. Gro	oundwa	ater Sou	ırce Inforn	nation (Su	ımp)					
1. Is th	ne appro	priation	from a dug	well (sump)?				YES	NO
-		_	n 4 relating t		,			9400. Pagai		

COBU Form Large Groundwater – Page 7 of 15

Revised 7/1/2021

Received by OWRD

JUN 1 2 2024

WR

D. 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 appropriation to the place of use.

1. Is a pump used?

YES

NO

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
Franklin	2366169020	336333963	Submersible		6"

3. Motor Information:

MANUFACTURER	Horsepower			
Crown Pump Co.	30			

4. Theoretical Pump Capacity:

Horsepower	OPERATING PSI	*IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
30	60	10	10	1.22

5. Provide pump calculations:

Pump Capacity Calculation Sheet

using Department designed formula:

(hp)(efficiency) / (lift + psi head) = capacity in cfs

Efficiency:

7.04

Centrifugal = 6.61 Turbine = 7.04

Data Entry (fill in underlined blanks)

$$HP = 30$$
Efficiency = 7.04

Results Calculated

Received by OWRD

JUN 1 2 2024

Salem, OR

(hp)(efficiency) = Head based on psi

211.2

= 152.4 Total dynamic head 172.4 = (head + lift)

cubic feet per

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			

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

second

7. Is the distribution system piped?

YES NO

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

1.22

8. Mainline Information:

Pump Capacity =

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
6"	6875'	PVC	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
4"	2620'	Aluminum	Above ground

10. Sprinkler Information:

Size	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
11/64"	60	6.6	52	52	0.76
0.75"	65	120	2	2	0.53 (Nelson Stationary Big Guns)
0.63"	65	83	1	1	0.18 (Super Rain Big Gun Reel)
0.55"	65	65	1	1	0.14 (Super Rain Big Gun Reel)

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)
N/A					
			-		

Received by OWRD

JUN 1 2 2024

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
N/A					

13. Pivot Information:

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

E. 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

YES NO

Bulge in System / Reservoir

YES NO

F. 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.

G. 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?

YES

NO

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

H. Additional notes or comments related to the system:

Big reel guns, stationary guns, hand lines and handheld hoses are used in any combination need to satisfy water needs.

Received by OWRD

JUN 1 2 2024

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 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 order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	9/14/1995		
BEGIN CONSTRUCTION (A)	9/14/1996	9/14/1995	Well was constructed 6/10/1992
COMPLETE CONSTRUCTION (B)	10/1/2015	6/2015	Delivery system completed
COMPLETE APPLICATION OF WATER (C)	10/1/2015	6/2015	Irrigation occurred on all property

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

2.	ls t	here	an	extension	final	order	(s))?
----	------	------	----	-----------	-------	-------	-----	----

YES NO

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

a. Did the Extension Final Order require the submittal of Progress Reports?

YES NO

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

b. Were the Progress Reports submitted?

YES NO

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

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement?

YES

NO

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

b. What month was the initial measurement to be taken in?

March

c. Was the measurement submitted to the Department?

YES

NO

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
N/A			

Received by OWRD

JUN 1 2 2024

4.	Annual	Static	Water	Level	Measurements
----	--------	---------------	-------	-------	--------------

a.	Was the water user required to submit annual static water level measurements?	YES
----	---	-----

NO

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

b. Provide the month, or months, the static water level measurement(s) were to be made: March

c. Were the static water level measurements taken in the month(s) required?

YES

NO

d. If "YES", were those measurements submitted to the Department?

NO

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
N/A			

5. Pump Test:

a. Did the permit require the submittal of a pump test?

NO

Ground water permits with priority dates on or after **December 20, 1988**, require the submittal of a pump test prior to issuance of a certificate. In some cases, the permit holder may qualify for a multiple well exemption or an unreasonable burden exemption.

For additional information regarding pump tests see:

https://www.oregon.gov/OWRD/programs/GWWL/GW/Pages/PumpTestProgram.aspx

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

b. Has the pump test been previously submitted to the Department?

e. Has a pump test exemption been approved by the Department?

YES

c. Is the pump test attached to this claim?

YES

d. Has the pump test been approved by the Department?

YES

YES

6. Measurement Conditions:

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

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 or appropriation.

b. Has a meter been installed?

NO

c. Meter Information

Revised 7/1/2021

POD/POA Name or #	MANUFACTURER	SERIAL#	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Deep Well	Grain Land	18282	Working	214509	6/1997

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

Received by OWRD

^{**} Claims will not be reviewed until a pump test or exemption has been approved by the Department

_			and distance.					
7.	Re	cording and reporting						
a.	ls t	he water user require	d to report the water use to the Department?	YES	NO			
If	"NO	", item b relating to th	is section may be deleted.					
8.	Oth	ner conditions require	d by permit, permit amendment final order, or extension	final o	rder:			
	a.	Were there special w	ell construction standards?	YES	NO			
	b.	Was submittal of a gr	ound water monitoring plan required?	YES	NO			
	c.	Was submittal of a w	ater management and conservation plan required?	YES	NO			
	d.	Was a Well Identifica	tion Number (Well ID tag) assigned and attached	YES	NO			
		to the well?						
		WELL ID#	DATE ATTACHED TO WELL					
	e. Other conditions?							
If	If "YES" to any of the above, identify the condition and describe the water user's actions to							
CO	mpl	y with the condition(s)	:					

ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
CoBU Map for Application G 13028 Permit G 12137	Map of POU and area not developed under the permit

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.

Received by OWRD

JUN 1 2 2024

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.

Washington County Assessor's map, Google Earth Photos dated June 19, 2008, August 14, 2010, August 20,2011, July 27, 2012, July 14, 2014, April 17, 2015, application map for Permit S 12137 developed by Verboort Engineering. POA, pump and meter GPS location: Delorme Earthmate PN-40.

JUN 1 2 2024
Salem, OR

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)
\boxtimes	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
N/A	Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
\boxtimes	Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
\boxtimes	Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
\boxtimes	Point(s) of diversion or appropriation (illustrated and coordinates)
\boxtimes	Tax lot boundaries and numbers
N/A	Source illustrated if surface water
	Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
\boxtimes	Application and permit number or transfer number
\boxtimes	North arrow
\boxtimes	Legend
\boxtimes	CWRE stamp and signature

JUN 1 2 2024
Salem, OR



Received by OWRD
JUN 1 2 2024

Salem, OR

Date Received (Date Stamp Here)

OWRD Over-the-Counter Submission Receipt

	/		À	. ,	
Applicant Name(s)	& Address:	race	Dins	AAI.	
PO. Box 4	147. C	orneli	US OR	9711	3
Transaction Type: _	Copu				
Fees Received: \$	230,00	2			
☐ Cash	Zeheck;	Check No.	3668		. •
		Name(s) on	Check: Sal	ne as	above
Thank you for your seview your submitt	submission. Ore al as soon as po	egon Water R ossible.	esources Depart	ment (Departr	ment) staff will
lf your submission is an acknowledgemen	s determined to at letter stating	be complete your submitt	, you will receive al is complete.	e a receipt for t	he fees paid and
If determined to be an explanation of de	incomplete, you eficiencies that r	ur submission must be addr	and the accomp	panying fees worthe submitta	ill be returned with I to be accepted.
If you have any ques at 503-986-0801 or	stions, please fe	• •			
Sincerely, OWRD Customer Se	rvice Staff				
Submission received	d by:	(Name of OWI	NVILN RD staff)		
Instructions for OW	RD staff	***			

- Complete this Submission Receipt and make two (2) copies. Place one copy with the check/cash; and place
 the other copy with the submission (i.e., the application or other document).
- Date-stamp all pages. (NOTE: Do not stamp check.)
- Give this original Submission Receipt to the applicant.
- Record Submission Receipt information on the "RECEIVED OVER THE COUNTER" log sheet.
- o Fold and put one copy of the Submission Receipt with check/cash into the Safe slot. Place the other copy of the Submission Receipt with submission (application/other document) in the top drawer of filing cabinet.