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Application for a Permit to Use

Groundwater

JUN 18 2024

Salem, OR



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 503-986-0900 www.oregon.gov/OWRD

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

pplicant				
NAME Jeremy Lundberg				PHONE (HM) 541 409-4429
PHONE (WK) 541 409-1131	1	CELL 541 409-442	9	FAX
MAILING ADDRESS 16407 Emerald Green Ln SE				
CITY Jefferson	STATE ZIP E-MAIL* OR 97352 jeremydlundberg@gma		gmail.com	
Organization				
NAME Cornucopia Orchards			PHONE 541 409-4429	FAX
MAILING ADDRESS 16407 Emerald Green Ln SE				CELL 541 409-4429
CITY Jefferson	STAT	ZIP 97352	E-MAIL* jeremydlundberg@g	gmail.com
gent – The agent is authorized to r	epresent the ar	oplicant in all	matters relating to this	application.
AGENT / BUSINESS NAME			PHONE	FAX
MAILING ADDRESS				CELL
CITY	STA	TE ZIP	E-MAIL*	
 exempt. Acceptance of this If I get a permit, I must not v If development of the water The water use must be com 	that I unders: ecifically as desin will be based ntil the Water Foermit be issue application does waste water. Tuse is not accorpatible with loces a permit, I mere	vill also be m tand: cribed in this on informati desources De d before beg es not guaran ording to the cal comprehe	ailed.) application. ion provided in the appli partment issues a permi inning construction of a stee a permit will be issu terms of the permit, the	ication. it. ny proposed well, unless the use is ed.
I (we) affirm that the information	tion containe	d in this ap eremy Lu		ccurate.
Applicant Signature	Pi		d Title if applicable	Date /// /2014
Applicant Signature			d Title if applicable	Date Date

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For Department Use: App. Number:

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be conveyed, and used.	liverted,
YES, there are no encumbrances. YES, the land is encumbered by easements, rights of way, roads or other encumbrances.	Received by OWRD JUN 1 8 2024
NO, I have a recorded easement or written authorization permitting access. NO, I do not currently have written authorization or easement permitting access. NO, written authorization or an easement is not necessary, because the only affected lands I of state-owned submersible lands, and this application is for irrigation and/or domestic use only NO, because water is to be diverted, conveyed, and/or used only on federal lands.	Salem, OR do not own are (ORS 274.040).
Affected Landowners: List the names and mailing addresses of all owners of any lands that are not the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant written authorization or an easement from the owner. (<i>Attach additional sheets if necessary</i>).	•

Legal Description: You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

SECTION 3: WELL DEVELOPMENT

		IF LESS	THAN 1 MILE:
WELL NO.	NAME OF NEAREST SURFACE WATER		
141207	Santiam River	3,500 ft	75 ft
•			
			
	N.		

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (attach additional sheets if necessary).

New well currently only in domestic use. 60 GPM, 2 inch line ready.

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 60 gpm (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

					1	1 2 1 2		73.72		· PR	OPOSED (JSE	
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
Jeremy Lundberg			141207		4.5	20	1,000 1/4" holes	0-78'	100' 09/17/21	Hard Gray Sandstone	210 ft	60 gpm	11

						. 4							

^{*} Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

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^{**} A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

^{***} Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST **INFORMATION**

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in Attachment 3 or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply: https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

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Is the well or proposed well located in an area where the Upper Columbia Rules apply?

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Yes No

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If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- · I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area	where the Lower	Columbia rules a	pply?
Yes No			

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing

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recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

to obtain approval of the proposed use.	
If yes, you will be required to provide the following information, if applicable.	
\square Yes \boxtimes No The proposed use is for more than one cubic foot per second (448.8 g the requirements of OAR 690, Division 86 (Water Management and Conservation Plane)	
If yes, provide a description of the measures to be taken to assure reasonably	efficient water
use:	Received by OWRI
Statewide - OAR 690-033-0330 thru -0340	JUN 1 8 2024
Is the well or proposed well located in an area where the Statewide rules apply? Yes No	Salem, OR
If yes, and the proposed groundwater use is determined to have the potential for su with nearby surface waters you are notified that the Water Resources Department we proposed use will occur in an area where endangered, threatened or sensitive fish specified Water Resources Department, Department of Fish and Wildlife, Department of Environce Department of Agriculture will recommend conditions required to achieve "no loss of threatened and endangered (T&E) fish species," or "no net loss of essential habitat of If conditions cannot be identified that meet the standards of no loss of essential T E fit	vill determine whether the ecies are located. If so, the enmental Quality, and the essential habitat of sensitive (S) fish species."

SECTION 5: WATER USE

proposed use would not harm the species.

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USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	May - September	10
Future pond fill	June - September	1

essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the

For irrigation use only: Please indicate the number of primary, supplemental and/or nursery acres to be irrigated (must match map).							
Primary: 4.5 Acres	Supplemental:	Acres	Nursery Use:	Acres			
If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):							
Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 10							

- If the use is municipal or quasi-municipal, attach Form M
- If the use is **domestic**, indicate the number of households: (Exempt Uses: Please note that 15,000 gallons per day for single or group domestic purposes and 5,000 gallons per day for a single industrial or commercial purpose are exempt from permitting requirements.)
- If the use is mining, describe what is being mined and the method(s) of extraction (attach additional sheets if necessary):

SECTION 6: WATER MANAGEMENT

A.	Diversion and Conveyance What equipment will you use to pump water from your well(s)?	Received by OWRD
	Pump (give horsepower and type): 3 HP deep well, 230v with PID30 Other means (describe):	JUN 1 8 2024 Salem, OR
	Provide a description of the proposed means of diversion, construction, and operation works and conveyance of water. 2" pipe from well to (2) 10,000 gal tanks at top pressure to field drip system	

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (attach additional sheets if necessary)

zonal drip for 4 acres; 1/2 acre mix of drip and small sprinklers for vegetable production

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters (attach additional sheets if necessary).

2 acre feet or more is typical for row and orchard crops according to nearby farmers, but this is the most we would use. We will be using soil cover between rows and woodchip or other mulch in rows to keep soil moist and reduce water loss to evaporation. We will be applying water as much as possible via drip system, lightly buried to minimize water waste. Our rows will be on contour to catch all water possible, reducing need for irrigation. We will monitor our water use via flow meter. Runoff will be prevented via swales, and we are not using chemical fertilizers, insecticides or pesticide bulk sprays, so water should not be contaminated. Water does not flow from property (no creeks or seasonal water flows), so no aquatic life, riparian areas, or public surface waters should be impacted.

SECTION 7: PROJECT SCHEDULE

a) Date construction will begin: September 2024

b) Date construction will be completed: December 2024

c) Date beneficial water use will begin: May 2025

SECTION 8: RESOURCE PROTECTION

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible o protect

permit requirements from other agencies. Please indicate any of the practic water resources.	ces you plan to undertake to protect
Water quality will be protected by preventing erosion and run-off of wa	aste or chemical products.
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Describe: Contour swales, mulch, and drip irrigation use of chemical sprays	to prevent erosion; farm will	only make occasional, spot						
Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas. Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required. Describe planned actions and additional permits required for project implementation: No surface water runs off property. No streams, rivers, or riparian areas to be impacted.								
Other state and federal permits or contracts required and to be obtained, if a water right permit is granted: List:								
SECTION 9: WITHIN A DISTRICT								
Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.								
Irrigation District Name Address								
City	State	Zip						

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (attach additional sheets if necessary).

We are within Statewide and Lower Columbia areas, but as no surface water flows from property, there should be no negative impacts to fish/wildlife.

As our farm is being designed and will be operated with regenerative and sustainability principles (cover, mulching, drip irrigation, minimal tillage and chemical inputs, etc) we will be actively working to prevent adverse impacts to our land and watershed, and to continually improve our topsoil's structure and water retention to reduce water use and improve productivity.

We will be recording and sharing our efforts, and will work to be a model small farm for efficient water use and positive environmental impacts.

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Property legal description for 16407 Emerald Green Ln SE Jefferson, OR 97352. One parcel, two tax lots 102W07C 0200 and 0100:

Beginning at a point on the West line of and South 00'05'16" East 1555.94 feet from the Northwest corner of the Jabez Terhune Donation Land Claim No. 56 in Township 10 South, Range 2 West of the Willamette Meridian in Marion County, Oregon; and running thence South 78'31'33" West a distance of 254.73 feet; thence South 03'19'27" West 323.12 feet; thence South 10'38'49" West 321.63 feet; thence South 08'31'51" East 89.08 feet; thence North 89'49'27" East 315.70 feet to said West line; thence North 00'05'16" West 716.47 feet; thence South 89'58'40" East 272.75 feet; thence North 00'03'15" West 60.00 feet; thence North 89'58'40" West 272.71 feet to the place of beginning.

This property contains the existing well proposed to be point of diversion for water right, and will contain the conveyances and final use of water without exiting the area described above.

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Land Use Salem, OR Information Form

Attachment 2: Land Use Information Form

OREGON
WATER RESOURCES
DEPARTMENT

Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900 www.oregon.gov/OWRD

NAME PHONE										
Jeremy Lundberg 541 409-442									409-4429	
MAILING	ADDRESS							***************************************		
16407 E	merald G	reen Ln S	E							
CITY				STATE	E ZIP EMAIL					
Jefferson				OR	97352	jerem	jeremydlundberg@gmail.com			
A. Land a	nd Locati	on								
Please incl	ude the fo ed), and/o	llowing in	leveloped. A	pplicants	ots where wat for municipal aries for the t	use, or	irrigation us	es within irr	igation dis	
Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:			Proposed Land Use:
10	2W	07C	SW	200	EFU		Diverted	Conveyed	☑ Used	Farm
							Diverted	Conveyed	Used	
							Diverted	Conveyed	Used	
							Diverted	Conveyed	Used	
List all cou	nties and	cities wher	e water is n	roposed to	o be diverted,	convey	ved and/or i	ised or deve	loned:	
Marion (o water is p	oposed to	o be diverted,	, сопте	rea, ana, or e	isca of acve	iopeu.	
NOTE: A se	eparate La	nd Use Inf	ormation Fo	rm must k	oe completed	and suk	omitted for <u>e</u>	each county	and city, as	applicable.
B. Descrin	otion of P	roposed	Use							
Type of ap	plication t	o be filed v Store Wate	with the Ore	gon Wate er Right Tra ange of Wa		Permit A			ter Registrat	tion Modificatio
Source of v	water: [Reservoi	r/Pond	Ground	Water] Surface	e Water (nam	e)		
Estimated	quantity o	of water ne	eded: 11		cubic feet	per seco	nd 🗌 gal	lons per minu	ite 🛚 a	cre-feet
ntended u	ise of wate		rrigation Municipal	-	mercial i-Municipal		ustrial ream	Domestic	c for 1 hous uture pond	
Briefly des	cribe:									

Note to applicant: For new water right applications only, if the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt on the bottom of page 4 and include it with the application filed with the Oregon Water Resources Department.

Modify use of existing 60 GPM domestic well to also provide irrigation for 4.5 acres of EFU farm

See Page 4 ->

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box be	elow and provide the requested info	rmation						
Land uses to be served by the proposed regulated by your comprehensive plan.	water use(s), including proposed construction Cite applicable ordinance section(s): 17.1	on, are allowed 136.620.	outright or are not					
approvals as listed in the table below. (P	water use(s), including proposed construction and applicable land accompanying finding ave not ended, check "Being Pursued."	nd-use approva	als which have					
Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:						
		Obtained Denied	☐ Being Pursued ☐ Not Being Pursued					
Received by OWRD JUN 1 8 2024		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued					
Salem, OR		Obtained Denied	☐ Being Pursued ☐ Not Being Pursued					
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued					
-	pecial land use concerns or make recommen osed use of water in the box below or on a so		Oregon Water					
Name: Alexander Seifer Title: Assistant Planner Signature: allerander Seifer Date: 6/18/2024								
Governmental Entity: Marion County Phone: 503-588-5038								
Receipt Acknowledge	owledging Request for Land Use Info	ormation						
this form while the applicant waits, you may have 30 days from the date of OWRD's Publ Oregon Water Resources Department. Pleas	he applicant. For new water right applications y complete this receipt and return it to the app lic Notice of the application to submit the complete se note while OWRD can accept a signed receip mpleted Land Use Information Form is require	olicant. If you sig pleted Land Use pt as part of inta	n the receipt, you will Information Form to ke for an application					
Staff Name:	Title:							
Staff Signature:	Date:							
Coverage antal Entity	Phone							

Land Use Information Form



Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 Received by OWRE

(503) 986-0900 www.oregon.gov/OWRD

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Salem, OR

NOTE TO APPLICANTS

In order for your application to be processed by the Oregon Water Resources Department (OWRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be diverted, conveyed, used, and developed. The planning official may choose to complete the form while you wait or return the "Receipt Acknowledging Request for Land Use Information" to you. Applications received by OWRD without the Land Use Information Form, or the signed receipt, will be returned to you. **IMPORTANT:** Please note that while OWRD can accept a signed receipt as part of intake for an application for a new permit to use or store water, a completed Land Use Information Form is required for OWRD's acceptance of all other applications. Please be aware that your application cannot be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and used on federal lands only; OR
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and <u>all</u> of the following apply:
 - **a.** The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b. The application involves a change in place of use only;
 - c. The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; <u>and</u>
 - **d.** The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for a new water right or modifying an existing water right. The Oregon Water Resources Department (OWRD) requires applicants to obtain land use information to ensure the water right does not result in land uses that are incompatible with your comprehensive plan. Please complete the form and return it to the applicant for inclusion in their application. **NOTE:** For new water right applications only, if you are unable to complete this form while the applicant waits, you may complete the "Receipt Acknowledging Request for Land Use Information" and return it to the applicant.

You will receive notice via OWRD's weekly Public Notice once the applicant formally submits their request to OWRD. The notice will give more information about OWRD's water right process and provide additional comment opportunities. If you previously only completed the receipt for an application for a new permit to use or store water, you will have 30 days from the Public Notice date to complete the Land Use Information Form and return it to OWRD. Your attention to this request for information is greatly appreciated. If you have questions concerning this form, please contact OWRD's Customer Service Group at 503-986-0900 or WRD_DL_customerservice@water.oregon.gov.



Heccives by OWRD JUN 1 8 2024 Salem, OR

Date Received (Date Stamp Here)

OWRD Over-the-Counter Submission Receipt Applicant Name(s) & Address: <u>(</u> Transaction Type: (Fees Received: \$ ☐ Cash Check: Check No. Name(s) on Check: Thank you for your submission. Oregon Water Resources Department (Department) staff will review your submittal as soon as possible. If your submission is determined to be complete, you will receive a receipt for the fees paid and an acknowledgement letter stating your submittal is complete. If determined to be incomplete, your submission and the accompanying fees will be returned with an explanation of deficiencies that must be addressed in order for the submittal to be accepted. If you have any questions, please feel free to contact the Department's Customer Service staff at 503-986-0801 or 503-986-0810. Sincerely, .OWRD Customer Service Staff Submission received by:

Instructions for OWRD 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.
- 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.