

Application for Permanent Water Right Transfer

Part 1 of 5 – Minimum Requirements Checklist



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

This transfer application will be returned if Parts 1 through 5 and all required attachments are not completed and included.
 For questions, please call (503) 986-0900, and ask for Transfer Section.

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Check all items included with this application. (N/A = Not Applicable)

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Transfer Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator. If you have questions, call Customer Service at (503) 986-0801.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Water Rights to be Transferred: **How many water rights are to be transferred? 1 List them here: 85633**
 Please include a separate Part 5 for each water right. (See instructions on page 6)

Attachments:

- Completed Transfer Application Map.
- Completed Evidence of Use Affidavit and supporting documentation.
- N/A Affidavit(s) of Consent from Landowner(s) (if the applicant does not own the land the water right is on.)
- N/A Supplemental Form D – For water rights served by or issued in the name of an irrigation district. Complete when the transfer applicant is not the irrigation district.
- N/A Oregon Water Resources Department’s Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
- N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500’ from the surface water source and more than 1000’ upstream or downstream from the point of diversion. See OAR 690-380-2130 for requirements and applicability.

(For Staff Use Only)

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Evidence of Use Form not enclosed or incomplete
<input type="checkbox"/> Additional signature(s) required	<input type="checkbox"/> Part _____ is incomplete
Other/Explanation _____	
Staff: _____ 503-986-0_____	Date: ____/____/____

Part 2 of 5 – Transfer Application Map

Your transfer application will be returned if any of the map requirements listed below are not met.

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Please be sure that the transfer application map you submit includes all the required items and matches the existing water right map. Check all boxes that apply.

- N/A Certified Water Right Examiner (CWRE) Stamp and Original Signature. For a list of CWREs, see http://apps.wrd.state.or.us/apps/wr/cwre_license_view/. CWRE stamp and signature are not required for substitutions.
- N/A If **more than three** water rights are involved, separate maps are needed for each water right.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the Final Proof/Claim of Beneficial Use Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- N/A Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the water right is being changed, a separate hachuring is needed for lands left unchanged.
- N/A Proposed place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water right certificate or permit.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

Part 4 of 5 – Applicant Information and Signature

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Applicant Information

APPLICANT/BUSINESS NAME Desert Springs Ranch Limited Partnership		PHONE NO. 971-400-9217	ADDITIONAL CONTACT NO. MAY 12 2021
ADDRESS 5051 SW Barnes Road		FAX NO. OWRD	
CITY Portland	STATE OR	ZIP 97221	E-MAIL asvetterlein@gmail.com
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT/BUSINESS NAME Michele Wright Sims Consultant LLC		PHONE NO. 541-408-4777	ADDITIONAL CONTACT NO.
ADDRESS 14865 Checkrein		FAX NO.	
CITY Sisters	STATE OR	ZIP 97759	E-MAIL sims.mw@gmail.com
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.			

Explain in your own words what you propose to accomplish with this transfer application, and why:
 Applicant wishes to move water to maximize irrigation efficiency
 If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

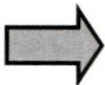
Check One Box

- By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); **OR**
- I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**
- I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting documentation.

By my signature below, I confirm that I understand:

- Prior to Department approval of the transfer application, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the water right is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: The Bend Bulletin.
- Amendments to the application may only be made in response to the Department’s Draft Preliminary Determination (DPD). The applicant will have a period of at least 30 days to amend the application to address any issues identified by the Department in the DPD, or to withdraw the application. Note that amendments may be subject to additional fees, pursuant to ORS 536.050.
- Failure to complete an approved change in place of use and/or change in character of use, will result in loss of the water right (OAR 690-380-6010).

I (we) affirm that the information contained in this application is true and accurate.



Andrew Vetterlein
Applicant signature

Andrew Vetterlein, General Partner
Print Name (and Title if applicable)

4/15/2021
Date

Applicant signature

Print Name (and Title if applicable)

Date **13710 -**

Is the applicant the sole owner of the land on which the water right, or portion thereof, proposed for transfer is located? Yes No *If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant’s) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.*

Check the following boxes that apply:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The receiving landowner will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to this landowner.
- Both the receiving landowner and applicant will be responsible for completion of change(s). Copies of notices and correspondence should be sent to this landowner and the applicant.

At this time, are the lands in this transfer application in the process of being sold? Yes No

If YES, and you know who the new landowner will be, please complete the receiving landowner information table below. If you do not know who the new landowner will be, then a request for assignment will have to be filed for at a later date.

If a property sells, the certificated water right(s) located on the land belong to the new owner, unless a sale agreement or other document states otherwise. For more information see:

https://www.oregon.gov/owrd/WRDFormsPDF/Transfer_Property_Transactions.pdf

RECEIVING LANDOWNER NAME NA			PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS				FAX NO.
CITY	STATE	ZIP	E-MAIL	

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Describe any special ownership circumstances here: _____

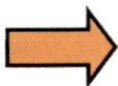
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- Check here if any of the water rights proposed for transfer are or will be located within or served by an irrigation or other water district. (Tip: Complete and attach Supplemental Form D.)

IRRIGATION DISTRICT NAME NA	ADDRESS	
CITY	STATE	ZIP

- Check here if water for any of the rights supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME NA	ADDRESS	
CITY	STATE	ZIP



To meet State Land Use Consistency Requirements, you must list all county, city, municipal corporation, or tribal governments within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME Deschutes County	ADDRESS 117 NW Lafayette	
CITY Bend	STATE OR	ZIP 97703

ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

Part 5 of 5 – Water Right Information

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

CERTIFICATE # 85633

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Description of Water Delivery System

System capacity: **0.618** cubic feet per second (cfs) OR
 _____ gallons per minute (gpm)

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Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use. **water is pumped from the well into main lines to wheel lines and hand lines**

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)
 (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-____)	Twp	Rng	Sec	¼	¼	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)	
Well	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	DESC3273	15	S	11	E	19	SW SW	Lot4	1200' N and 450' E from SW Corner Sec. 19
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed									
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed									
	<input type="checkbox"/> Authorized <input type="checkbox"/> Proposed									

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

- | | |
|------------------------------------------------------------------------|-------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Place of Use (POU) | <input type="checkbox"/> Supplemental Use to Primary Use (S to P) |
| <input type="checkbox"/> Character of Use (USE) | <input type="checkbox"/> Point of Appropriation/Well (POA) |
| <input type="checkbox"/> Point of Diversion (POD) | <input type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Substitution (SUB) |
| <input type="checkbox"/> Surface Water POD to Ground Water POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV) |

Will all of the proposed changes affect the entire water right?

- Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the water right to be changed.

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For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? Yes No

If YES, list the certificate, water use permit, or ground water registration numbers: NA.



Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate # NA;
Surface water primary Certificate # NA.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # NA

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For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department's web page at:

http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx

AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-___	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less than full rate of water right
Well	Y		250'	10"	230'	20'		210'	basalt	

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Application for Water Right Transfer

Evidence of Use Affidavit



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

State of Oregon)
) ss
 County of DESCHUTES)

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I, ANDREW VETTERLEIN, in my capacity as LANDOWNER,
 mailing address 5051 SW BARNES ROAD, PORTLAND OR 97221

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telephone number (971)400-9217, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):

- Personal observation Professional expertise

2. I attest that:

Water was used during the previous five years on the **entire** place of use for Certificate # 85633; **OR**

My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- Confirming Certificate # _____ has been issued within the past five years; **OR**
- Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: _____ (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion not leased instream.); **OR**
- The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
- Water has been used at the actual current point of diversion or appropriation for more than 10 years for Certificate # _____ (For Historic POD/POA Transfers)

(continues on reverse side)

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3. The water right was used for: (e.g., crops, pasture, etc.): _____

4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

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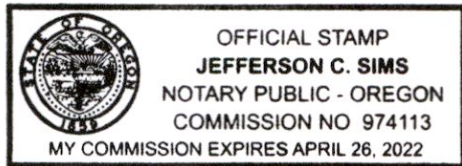
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Andrew S. Veltch
Signature of Affiant

5/6/2021
Date

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Signed and sworn to (or affirmed) before me this 6th day of May, 2021.

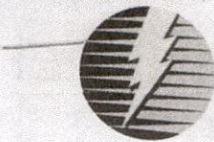


Jefferson C. Sims
Notary Public for Oregon

My Commission Expires: 4/26/2022

Supporting Documents	Examples
<input type="checkbox"/> Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of confirming water right certificate that shows issue date
<input checked="" type="checkbox"/> Copies of receipts from sales of irrigated crops or for expenditures related to use of water <i>CEC invoice for pump power</i> <i>Photos of field irrigation</i>	<ul style="list-style-type: none"> • Power usage records for pumps associated with irrigation use • Fertilizer or seed bills related to irrigated crops • Farmers Co-op sales receipt
<input type="checkbox"/> Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul style="list-style-type: none"> • District assessment records for water delivered • Crop reports submitted under a federal loan agreement • Beneficial use reports from district • IRS Farm Usage Deduction Report • Agricultural Stabilization Plan • CREP Report
<input type="checkbox"/> Aerial photos containing sufficient detail to establish location and date of photograph	<p>Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.</p> <p>Sources for aerial photos: OSU – www.oregonexplorer.info/imagery OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terra-server.com</p>
<input type="checkbox"/> Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

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CENTRAL ELECTRIC COOPERATIVE, INC.

• P.O. Box 846, Redmond, OR 97756 541.548.2144

CALL BEFORE YOU DIG - IT'S THE LAW!

SPRINGTIME MEANS DIGGING AND PLANTING. MAKE SURE YOU DON'T DAMAGE UTILITY LINES OR DISRUPT VITAL SERVICES TO YOUR NEIGHBORHOOD. DIAL 811 FIRST. AVOID POSSIBLE INJURY OR EXPENSIVE FINES AND REPAIR BILLS.

OREGON STATE LAW REQUIRES HOMEOWNERS, CONTRACTORS AND EXCAVATORS TO CONTACT THE ONE-CALL CENTER AT LEAST TWO BUSINESS DAYS BEFORE DIGGING. CALL 811 BEFORE YOU DIG!

KWH USAGE HISTORY		
4798		
3840		
2880		
1920		
960		
0		
M J J A S O N D J F M A M		
2016 2017		
Daily KWH Usage by Month		
Period Ending	Total KWH	Average KWH/Day
MAY 2017	4,798	160
MAY 2016	0	0
COST PER DAY:		\$8.83

Meter Nbr	Prev. Read Dt	Prev. Read	Pres. Read Dt	Pres. Read	Mult.	KWH	KWD	Rate	Service Address
13024313	04/05/17	8149	05/05/17	12947	1	4798	94.25	IRR03	67708 CLOVERDALE/IP

COOP PROVIDED ELECTRIC SERVICE		ACCOUNT NUMBER:	1018138579
PREVIOUS BALANCE			\$15.40
PAYMENTS			\$15.40-
			\$0.00
SUBTOTAL			
CURRENT MONTH ENERGY CHARGES			\$264.85
ELECTRIC CHARGE		4,798 KWH @ 0.055200	\$428.86
DEMAND CHARGE		94.255 KWD @ 4.550000	\$15.40
FACILITIES CHARGE			\$709.11
ELECTRIC SERVICE SUBTOTAL			

PD. 5-15-17
DSR 06-4447
979.03

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TOTAL AMOUNT DUE ON 05/25/2017 \$709.11

Jun 9
Jun 19
Jun 20
Balances only ap
ANALYSIS SEI
Account Analysis Ac

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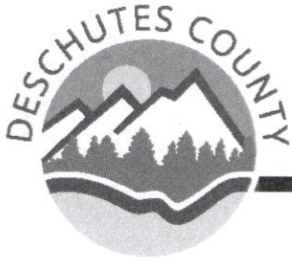
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May 5, 2021

247-21-000397-PS**Tax Map:** 15-11-00, Tax Lot 4001**Address:** No Situs Address**Zoning:** Exclusive Farm Use – Tumalo/Redmond/Bend Subzone (EFU-TRB) & Destination Resort (DR) Combining Zone**Request:** The applicant has requested a Land Use Compatibility Statement (LUCS) for a water right transfer. The intended use of the groundwater is for irrigation purposes.**Land Use Compatibility Statement:** Staff interprets the applicant's request as a new proposal for crop/pasture irrigation. Deschutes County Code (DCC) defines "farm use" as:

"Farm use" means the current employment of land for the primary purpose of obtaining a profit in money by raising, harvesting and selling crops or by the feeding, breeding, management and sale of, or the produce of, livestock, poultry, fur-bearing animals or honeybees or for dairying and the sale of dairy products or any other agricultural or horticultural use or animal husbandry or any combination thereof. "Farm use" includes the preparation, storage and disposal by marketing or otherwise of the products or by-products raised on such land for human or animal use. "Farm Use" also includes the current employment of the land for the primary purpose of obtaining a profit in money by stabling or training equines, including but not limited to, providing riding lessons, training clinics and schooling shows. "Farm use" also includes the propagation, cultivation, maintenance and harvesting of aquatic species and bird and animal species to the extent allowed by the rules adopted by the State Fish and Wildlife Commission. "Farm use" includes the on-site construction and maintenance of equipment and facilities used for the activities described above. "Farm use" does not include the use of land subject to the provisions of ORS chapter 321, except land used exclusively for growing cultured Christmas trees as defined in ORS 215.203(3). Current employment of the land for farm use also includes those uses listed under ORS 215.203(2)(b).

This LUCS only confirms the use of irrigation water for a "farm use" is allowed outright on the subject property.

This LUCS does not review or approve:

- Construction of buildings,
- Earthmoving or construction in floodplains,
- Earthmoving, construction, or vegetation changes in wetlands,
- Surface mining, and/or

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- Other primary or accessory uses regulated by the Deschutes County Code

Each of the listed uses would require separate land use permits and/or building permits, which are not covered by this LUCS.

For more information, please contact the Deschutes County Planning Division at 541-388-6560 / planning@deschutes.org.

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NOTICE TO WATER WELL CONTRACTOR
 The original and first copy of this report
 are to be filed with the

WATER WELL REPORT

WATER RESOURCES DEPARTMENT
 SALEM, OREGON 97310
 within 30 days from the date
 of well completion.

STATE OF OREGON
 (Please type or print)

State Well No. 155/11E-19cb

State Permit No. _____

DESC
3273

(1) OWNER:

Name DON VETTERLEIN
 Address 213 S.W. ASH
PORTLAND, OREGON 97204

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
 If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
 Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
 Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
10" Diam. from 71 ft. to 20 ft. Gage 250
 " Diam. from _____ ft. to _____ ft. Gage _____
 " Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used _____
 Size of perforations _____ in. by _____ in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No

Manufacturer's Name _____
 Type _____ Model No. _____
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
 Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level ABOAS

a pump test made? Yes No If yes, by whom? FEATEK
 d: 919 gal./min. with 7 ft. drawdown after 3 hrs.
 " " " " " "
 " " " " " "
 Rafter test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 sian flow _____ g.p.m. _____
 Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
 Well sealed from land surface to 20 ft.
 Diameter of well bore to bottom of seal 14 in.
 Diameter of well bore below seal 10 in.
 Number of sacks of cement used in well seal 14 sacks
 How was cement grout placed? Pressure Grouted

Was a drive shoe used? Yes No Plugs _____ Size: location _____ ft.
 Did any strata contain unusable water? Yes No
 Type of water? _____ depth of strata _____
 Method of sealing strata off _____
 Was well gravel packed? Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Deschutes Driller's well number _____
N. 1/4 S. 1/4 Section 19 T. 15 S. R. 11 E W.M.
 Bearing and distance from section or subdivision corner _____
Desert Springs Ranch
Sta Rt. Redmond, Oregon

(11) WATER LEVEL: Completed well.

Depth at which water was first found 209 ft.
 Static level 210 ft. below land surface. Date 12-15-79
 Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 10"
 Depth drilled 250 ft. Depth of completed well 240 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
CONG. GRAY	0	12	
LAUA - MILD	12	52	
SANDSTONE & CONG. RM	52	101	
BASALT	101	149	
SANDSTONE	149	163	
BASALT	163	209	210
WATER-BEARING BASALT	209	240	

RECEIVED

FEB 6 1980

WATER RESOURCES DEPT.
 SALEM, OREGON

RECEIVED

MAY 12 2021

OWRD

Work started 9-14 1979 Completed 9-20 1979

Date well drilling machine moved off of well 9-21 1979

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] M. Gordon Davidson Date 2-5, 1980
 (Drilling Machine Operator)

Drilling Machine Operator's License No. 685

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name DAVIDSON DRILLING INC.
 (Person, firm or corporation) (Type or print)

Address P.O. Box 315 Redmond, Ore.

[Signed] M. Gordon Davidson
 (Water Well Contractor)

Contractor's License No. 548 Date 2-5, 1980