



Oregon Water Resources Department 725
Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

1. APPLICANT INFORMATION

A. Individuals

Applicant:

First

Last

Mailing Address:

City

State

Zip

Phone:

Home

Work

Other

*Fax:

*Email Address:

B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of Organization: Long Haul Timber & Cattle LLC

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Name and Title of Person Applying: Eric Hall

JAN 29 2009

Mailing Address or Organization: 24610 Trillium Lane

WATER RESOURCES DEPT
SALEM, OREGON

Elmira

OR

97437

City

State

Zip

Phone : 541-688-5594

541-935-9403

Day

Evening

*Fax: 541-688-0530

*Email Address: eric@erichallarchitects.com

*Optional

For Department Use

App. No. 6-17166

Permit No. _____ Date _____

2. PROPERTY OWNERSHIP

☒ Yes (Please check appropriate box below then skip to section 3 'Ground Water Development')

☒ There are no encumbrances

☐ This land is encumbered by easements, rights of way, roads or other encumbrances
(please provide a copy of the recorded deed(s))

☐ No (Please check the appropriate box below)

☐ I have a recorded easement or written authorization permitting access.

☐ I do not currently have written authorization or easement permitting access.

☐ Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigated and/or domestic use only (ORS 274.040).

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.

List the names and mailing addresses of all affected landowners.

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3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 1

Name of nearest surface water body: 1) Hannavan Creek

Distance from well(s) to nearest stream or lake:

1) 1320 ft. to Hannavan 2) _____ 3) _____ 4) _____

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head:

1) ±180 ft. 2) _____ 3) _____ 4) _____

B. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to section 4 of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by:

<u>Christensen Well Drilling Co.</u>

Mailing Address: 33132 Coleman Rd.

Eugene
City

OR
State

97408
Zip

Completion Date: First Quarter 2010

Please provide a description of your well development. *(Attach additional sheets if needed.)*

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
N/A			(see below)	(see below)	(see below)				(see below)

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

If well log is not available, or well is not yet constructed, you must provide: proposed total depth, depth of casing and seal, and the anticipated perforation and open intervals.

The well is estimated to be 400' in depth and will be lined in accordance to OAR Chap. 690: 210-0150. The casing will be a minimum of 40'. No perforations in the casing are anticipated however, a liner may have perforations. Paul of Christensen Well Drilling estimates that a liner may not be required based on soil characteristics, however, if it is, the perforations would consist of 3/8" diameter holes.

C. Artesian Flows

If your water well is flowing artesian, describe your water control and conservation works:

4. WATER USE

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: _____
- If your proposed use is **irrigation**, please attach **Form I**
- If your proposed use is **mining**, attach **Form R**
- If your proposed use is **municipal or quasi-municipal**, attach **Form M**
- If your proposed use is **commercial/industrial**, attach **Form Q**

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B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
n/a	Ground aquifer	Irrigation	25 gpm	1,396,369	not known
"	Ground aquifer	Pond maintenance	40 gpm	299,782	"

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 40 GPM

(The fees for your application will be based on this amount.)

D. Period of Use

Indicate the time of year you propose to use the water: March 1 - October 31

(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1-October 31.)

E. Acreage

If you will be applying water to land, indicate the total number of acres where water will be applied or used: 4.3 acres of pasture land

(This number should be consistent with your application map.)

5. WATER MANAGEMENT**A. Diversion**

What method will you use to divert water from the source?

☒ Pump (give horsepower and pump type): 3 HP - 25 GPM Submersible Turbine

☐ other means (describe): _____

B. Transport

How will you transport water to your place of use?

☐ Ditch or canal (give average width and depth):

Width _____ Depth _____

Is the ditch or canal to be lined? ☐ Yes ☐ No

☒ Pipe (give diameter and total length):

Diameter 2" Length ± 800'

☒ other, describe: in line pond storage

C. Application/Distribution Method

What equipment will you use to apply water to your place of use?

Spray heads attached to fence posts

Irrigation or land application method (check all that apply):

- | | | |
|--|--|--|
| ☐ Flood | ☐ High pressure sprinkler | ☒ Low pressure sprinkler |
| ☐ Drip | ☐ Water Cannons | ☐ Center pivot system |
| ☐ Hand Lines | ☐ Wheel Lines | |
| ☐ Siphon tubes or gated pipe with furrows | | |
| ☐ other, describe: _____ | | |

Distribution method

- | | | |
|--|--|-------------------------------------|
| ☐ Direct pipe from source | ☒ In-line storage (tank or pond) | ☐ Open Canal |
|--|--|-------------------------------------|

E. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? Have you considered other methods to transport, apply, distribute or use water? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

The amount of irrigation applied to the pasture will depend on the amount of rain. The sprinkler is chosen for durability and pasture coverage

6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin: January 2009

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Proposed date construction will be completed: May 2010

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Proposed date beneficial water use will begin: June 2010

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7. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

To elaborate on question 4a - Types of water use: The well water will be used to supplement run-off from the owner's property that will be collected in the pond. The pond will also be used for in-line irrigation storage. In the event of little to no runoff being collected in the pond over the storm season, additional well water will be needed to make up the difference. The quantity recorded as the total annual quantity of well water needed for irrigation use reflects a scenario in which no run off is collected in the pond due to drought and well water is used to compensate.

8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

9. SIGNATURE

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water right holders to get water to which they are entitled.

I swear that all information provided in this application is true and correct to the best of my knowledge:



Signature of Applicant (If more than one applicant, all must sign.)

01.23.09

Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.

WRD on the web:

www.wrd.state.or.us



Oregon Water Resources Department

FORM I

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

☐ Primary ☒ Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: _____ Acres

Secondary: 4.3 Acres

List the permit or certificate number of the primary water right:

No. concurrent application

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

- | | | |
|-------------------|--------------------------------------|--|
| 1. <u>Pasture</u> | ☐ Full season | ☒ Partial season (from: <u>March 1</u> to <u>Oct. 31</u>) |
| 2. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 3. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 4. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |

3. Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

4.2853 acre-feet

(1 acre-foot equals 12 inches of water spread over 1 acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

☐ Daily during daytime hours

☐ Daily during nighttime hours

☐ Two or three times weekly during daytime

☐ Two or three times weekly during nighttime

☐ Weekly, during daytime hours

☐ Weekly, during nighttime hours

☒ Other, explain: Between 1 to 3 times weekly or less during night time, depending on rainfall

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Receipt for Request for Land Use InformationApplicant name: Eric HallCity or County: Lane Co. Staff contact: Keir MillerSignature: Keir Miller Phone: 682-4631 Date: 1/14/2009

Land use Compatibility review for project in process.

Estimated completion date: March 2, 2009

Last updated 12/22/06 WR

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6-1366

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