



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: Christopher Reardon
First Last

Mailing address: 9580 SE 282nd Avenue
Boring Oregon 97009
City State Zip

Phone: 503-663-6773
Home Work Other

*Fax: _____ *E-Mail address: _____

B. Organizations

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

Name of organization: _____

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

* Optional information

For Department Use		
App. No. _____	Permit No. _____	Date _____

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2. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

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.

None

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 1

Name of nearest surface water body: Johnson Creek

Distance from well(s) to nearest stream or lake: 1) 500' +/- to unnamed tributary

2) _____ 3) _____ 4) _____

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) 120' drop to stream

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: Driller not yet selected

Address: _____

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Completion date: Well not yet drilled

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
2	6"	Steel	440'	1'	120'	205'	250'	Air Line	440'

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.

C. Artesian Flows

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

N/A

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)
No. 2	Deep Troutdale Aquifer	Nursery Operations	78	10mg +/-	100 +/-

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 78 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: Throughout the year when beneficial

(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, please give the total number of acres where water will be applied or used: 6.94

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

5. WATER MANAGEMENT

A. Diversion

What equipment will you use to pump water from your well(s)?

Pump (give horsepower and pump type): 10 HP Submersible

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 3" Length 1,200' +/-

Other (describe) _____

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C. Application/Distribution Method

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

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 Solid sets

Distribution method

- Direct pipe from source
- In-line storage (tank or pond)
- Open canal

D. Conservation

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

Water application will be tailored to meet plant demand, in addition to being controlled by time clock or other fixed schedule.

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: Upon permit receipt (Fall 2008)

Proposed date construction will be completed: Spring 2009

Proposed date beneficial water use will begin: Spring 2009

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.

This well/pump installation is intended to be operated in rotation and/or combination with Well No. 1, the ground water withdrawal authorized in Permit No. 12682. When used in combination with Well No. 1, the combined rate of withdrawal from the two wells will be limited to a rate consistent with the consumptive use of irrigating container stock and nursery operations of 6.94 Acres.

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8. MAP REQUIREMENTS

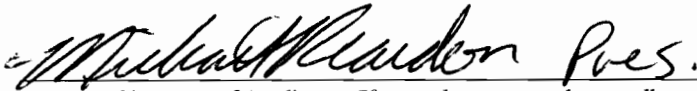
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place 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 to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

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.)*

5-19-08

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.



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: 6.94 Acres

List the permit or certificate number of the primary water right: No. G-12682

Intended to be used in rotation, and/or combination, with Well No. 1 in the area shown on the Application Map

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

- 1. Containerized Nursery Stock Full season Partial season (from: _____ to _____)
- 2. Nursery Operations 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:

_____ 34.7 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: Daily during nighttime hours; more often if conditions require.

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SALEM, OREGON**

Application No. _____
Permit No. _____

L E G A L D E S C R I P T I O N

That portion of the North 264 feet of the South One-Half of the Southwest One-Quarter, Section 30, Township 1 South, Range 4 East of the Willamette Meridian, in the County of Clackamas and State of Oregon, lying East of the centerline of U.S. Highway 26;

EXCEPTING THEREFROM that portion conveyed to the State of Oregon, by and through its State Highway Commission, by instrument recorded November 16, 1962 in Book 613, Page 382, Clackamas County Deed Records;

AND FURTHER EXCEPTING THEREFROM that portion conveyed to the State of Oregon, by and through its State Highway Commission, by instrument recorded April 27, 1965 in Book 656, Page 275, Clackamas County Deed Records.



Oregon Water Resources Department Land Use Information Form

THIS FORM IS NOT REQUIRED IF: 1) water is to be diverted, conveyed, and/or used only on federal lands; or 2) the application is for a water-right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

Applicant Name: Christopher Reardon
Mailing Address: 9850 SE 282nd Avenue
City: Boring State: OR Zip: 97009 Day Phone: 503-663-6773

This application is related to a Measure 37 claim. Yes No

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g. Rural Residential/RR-5)	Water to be:	Proposed Land Use:
1 South	4 East	30	NW/SW	2100	E.F.U.	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Nursery
1 South	4 East	30	NE/SW	2100	E.F.U.	<input type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input checked="" type="checkbox"/> Used	Nursery
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	

List all counties and cities where water is proposed to be diverted, conveyed, or used. Clackamas

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

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- Permit to Use or Store Water
- Allocation of Conserved Water
- Permit Amendment or Ground Water Registration Modification
- Water-Right Transfer
- Limited Water Use License
- Exchange of Water

Source of water: Reservoir/Pond Ground Water Surface Water (name) _____

Estimated quantity of water needed: 80 cubic feet per second gallons per minute acre-feet

Intended use of water: Irrigation Commercial Industrial Domestic for _____ household(s)
 Municipal Quasi-municipal Instream Other _____

Briefly describe: Irrigation of Nursery Container Stock and Nursery Operations

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt below and include it with the application filed with the Water Resources Department.

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 below and provide the requested information

Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): Sec. 401 of Clackamas Co. Zoning and Development Ord. - farm uses allowed outright.

Land uses to be served by proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.)

If approvals have been obtained but all appeal periods have not ended, check "Being pursued".

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:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
N/A		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

No comment.

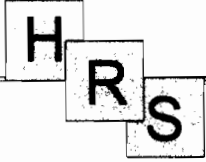
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Name: Rick McIntire Title: Sr. Planner
 Signature: [Signature] Phone: 503-353-4516 Date: 5/13/08
 Government Entity: Clackamas Co. Planning Division.

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.



HANER, ROSS & SPORSEEN, INC.

ENGINEERS

CONSULTANTS

SURVEYORS

ACEC

2895 Beaver Creek Road
Oregon City, OR 97045

Office: 503-657-1384
Fax: 503-657-1387
E-mail: office@hrs-engrs.com

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1271

Transmittal Notice

Date: May 15, 2008

File: 630/DD

Transmitted Herewith: Mail

No. of Copies	Dated	Title
1 Original	N/A	Application for a Permit to Use Ground Water Form "I", for Irrigation Water Use Map of lands to receive Ground Water Legal Description Land Use Information Form Check # <u>20116</u> , in the amount of \$ <u>1000</u> ^{etc}

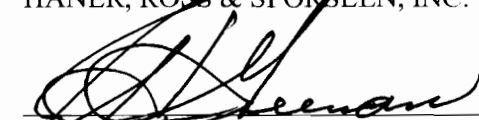
Remarks:

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HANER, ROSS & SPORSEEN, INC.


J.H. Greenman, PE, PLS, CWRE