



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: Jim and Nancy Johnson
First Last

Mailing address: 11175 NW Saltzman Road
Portland Oregon 97229
City State Zip

Phone: (503) 297-7131 (503) 260-8074
Home Work Other

*Fax: (503) 297-7136 *E-Mail address: jjohnson@tripwire.com

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

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

2. PROPERTY OWNERSHIP

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

- Yes (Skip to section 3 "Ground water Development.")
- 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.

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 1

Name of nearest surface water body: Bronson Creek > Rock Creek

Distance from well(s) to nearest stream or lake: 1) 1380 feet

2) _____ 3) _____ 4) _____

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) Well head is approximately 220 feet higher than Bronson Creek

2) _____ 3) _____ 4) _____

B. Well Characteristics * Well log (MULT 87885) is provided in Attachment A*****

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: *** Well log (MULT 87885) is provided in Attachment A***

Address: _____

Completion date: _____

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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	Interval casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access pit or measuring device	Total well depth
** Well log (MULT 87885) is provided in Attachment A **									

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** **** Provided in Attachment B ****
- 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)
1	Groundwater	Irrigation	27.5	3,991,680	100
		Ornamental Landscape Pond Maintenance	5.5	117,000	
		Agricultural (e.g. barn cleaning, fertilizer application, dust control)	7	400,000	

(Pressure tank at well head)

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: Pond maintenance - year round; Irrigation - 3/1 to 10/31
(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, please give the total number of acres where water will be applied or used: 4.9 acres
(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): 75 Hp submersible (with variable speed drive)
- 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 1.5 to 2" mainline Length Approximately 1500 feet
- Other (describe) _____

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C. Application/Distribution Method

What equipment will you use to apply water to your place of use? Water for irrigation will be applied using various method (see below) depending on plant irrigated. Water to fill the ornamental pond and for agricultural use will be piped directly from the source.

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)
(Pressure tank at well head)
- 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.

Irrigation will take place on an as-needed basis. The system will utilize timers to regulate the frequency and duration of irrigation; and the system can be turned off if it should rain and subsequently turned back on when irrigation is needed again. The irrigation method used will be chosen based on the plants to be irrigated and the water required, and the irrigation will be monitored to be sure the water is provided for the depth of the root zone only. In addition, pasture irrigation will be closely monitored as there is a trade-off between healthier grass but muddier soil (not good because it is more vulnerable to horses' hooves) and drier soil but less healthy grass.

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: Construction began in 1999

Proposed date construction will be completed: Construction is complete

Proposed date beneficial water use will begin: Water use will begin upon permit issuance

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.

3. GROUND WATER DEVELOPMENT - Please refer to Attachment F which provides a summary of the geology and hydrogeology in the vicinity of the site.

4. WATER USE B. Amount of Water - The rate of use and total annual volume of water for irrigation is based on the standard rate and duty limits for irrigation (1/80 cfs per acre and 2.5 ac-ft/ac per irrigation season). The total annual volume of water for maintenance of the ornamental landscape pond is based on draining and refilling the pond once per year (for cleaning) and for maintaining the level of the pond during the year (water is re-circulated to the extent possible - no outflow from the pond). The water requested for agricultural use will be used for cleaning of the barn and stables, spray application of fertilizers/insect control, dust control, and similar uses. The dimensions of the ornamental landscape pond are provided in Attachment G.

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8. MAP REQUIREMENTS

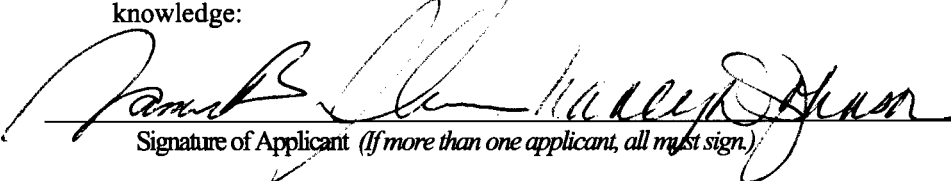
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place 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:

 5/22/07
Signature of Applicant (If more than one applicant, all must sign.) Date

Before you submit your application be sure you have:

Attachment C

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.

Attachment D

- Included a Land Use Information Form or receipt stub signed by a local official.

Attachment E

- 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.

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WRD on the web:
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