



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.

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1. APPLICANT INFORMATION

A. Individuals

Applicant: _____
First Last

Mailing address: _____

City State Zip

Phone: _____
Home Work Other

*Fax: _____ *E-Mail address: _____

B. Organizations

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

Name of organization: Heffernan Family Trust

Name and title of person applying: Chris Heffernan, , Trustee

Mailing address of organization: 63600 Viewpoint Lane

North Powder OR 97867
 City State Zip

Phone: 541-786-2257 541-898-2507
Day Evening

*Fax: 541-898-2203 *E-Mail address: nslope@eoni.com

* Optional information

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

2. PROPERTY OWNERSHIP

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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.

- Dana Osburn - 53365 Jimmy Creek Road, North Powder, OR 97867
- Harla Mattox - 53365 Jimmy Creek Road, North Powder, OR 97867
- Gerald Dudek - 53365 Jimmy Creek Road, North Powder, OR 97867
- Cherrie Elmer - 53365 Jimmy Creek Road, North Powder, OR 97867

3. GROUND WATER DEVELOPMENT

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A. Well Information

Number of well(s): 5

Name of nearest surface water body: Clover Creek

Distance from well(s) to nearest stream or lake: 1) 1 1/4 miles from Clover Creek

2) 3/4 mile from Clover Creek 3) & 5) 1/2 mile from Clover Creek 4) 3/4 mile from Clover Creek

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) 30'

2) 20' 3) 20' 4) 30' 5) 60'

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: Riverside Inc. cc: Terry Daugherty License #1505

Address: P.O. Box 720

Parma, ID 83660

Completion date: December 31, 2007

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
1	16"	Steel 16" Casing, .025 well	70'	240'	70'	250'	250'	1 1/2" Gal. Pipe	600'
2	16"	Steel 16" Casing, .025 well	70'	240'	70'	250'	250'	1 1/2" Gal. Pipe	600'
3	16"	Steel 16" Casing, .025 well	70'	240'	70'	250'	250'	1 1/2" Gal. Pipe	600'
4	16"	Steel 16" Casing, .025 well	70'	240'	70'	250'	250'	1 1/2" Gal. Pipe	600'
5	16"	Steel 16" Casing, .025 well	70'	240'	70'	250'	250'	1 1/2" Gal. Pipe	600'

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: N/A
- 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)
1	Black basalt	Irrigation	1221.75	652 acre ft.	1221.75
2	Black basalt	Irrigation	1221.75	652 acre ft.	1221.75
3	Black basalt	Irrigation	1221.75	652 acre ft.	1221.75
4 & 5	Black basalt	Irrigation	2443.50	1304 acre ft.	2443.50

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 6108.75
(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, please give the total number of acres where water will be applied or used: 1086 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): 150 HP 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 12" Length 5 miles

Other (describe) _____

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C. Application/Distribution Method

What equipment will you use to apply water to your place of use? Center pivots with drop tubes and inverted nozzles.

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

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.

We will be using low pressure sprinklers to conserve water. Drop tubes will be used to reduce water loss from wind along with Nelson high-wind sprinkler nozzles that deliver a larger water particle to reduce evaporation.

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: August 2007

Proposed date construction will be completed: October 2012

Proposed date beneficial water use will begin: March 2008

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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.

2. PROPERTY OWNERSHIP: We are in the process of purchasing the property. Expected closing date is 7/7/07

3. GROUND WATER DEVELOPMENT: A. Well Information: There are 5 proposed wells so we have grouped wells 3 & 5 together on distance from wells to nearest stream as they are the same distance. Also, on distance from surface water if less than one mile, we have grouped wells 4 & 5 on the same line. B. Well Characteristics:

We have attached a copy of a well log from the only other known irrigation well in the area for reference.

4. WATER USE: B. Amount of Water: Wells 4 & 5 are grouped together.

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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:

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

6-20-07
Date

Donna Heffernan, TTE

6-20-07

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.

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