



**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](http://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: \_\_\_\_\_ \*E-Mail address: \_\_\_\_\_

### B. Organizations

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

Name of organization: City of Prineville

Name and title of person applying: Jerry Brummer, Water/Sewer Superintendent

Mailing address of organization: 387 NE Third Street  
 \_\_\_\_\_  
Prineville OR 97754  
City State Zip

Phone: (541) 447-5627  
Day Evening

\*Fax: (541) 447-5628 \*E-Mail address: \_\_\_\_\_

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SALEM, OREGON**

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.

Crook County, 300 NE 3rd Street, Prineville, OR 97754

Note: Wells proposed to be on City and County owned land. Transmission lines will run in right-of-ways.

**3. GROUND WATER DEVELOPMENT**

**A. Well Information**

Number of well(s): 6

Name of nearest surface water body: \*\*Refer to Attachment A\*\*

Distance from well(s) to nearest stream or lake: 1) \*\*Refer to Attachment A\*\*

2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) \*\*Refer to Attachment A\*\*

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: A well driller licensed in the State of Oregon

Address: \_\_\_\_\_

Completion date: Within 20 years of permit issuance

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

Well No.	Est. Diameter	Est. Type and size of casing	Est. No. of feet of casing	Est. Intervals casing is perforated (in feet)	Est. Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Est. Total well depth
1	20"	Steel, 16" OD	800	800-1000	100	200-500	800-1000	3/4" port minimum	800-1000
2	20"	Steel, 16" OD	800	800-1000	100	200-500	800-1000	3/4" port minimum	800-1000
3	20"	Steel, 16" OD	800	800-1000	100	200-500	800-1000	3/4" port minimum	800-1000
4	20"	Steel, 16" OD	800	800-1000	100	200-500	800-1000	3/4" port minimum	800-1000
5	20"	Steel, 16" OD	600	400-600	100	200-500	400-600	3/4" port minimum	500-700
6	20"	Steel, 16" OD	600	400-600	100	200-500	400-600	3/4" port minimum	500-700

Note: Well numbers in this listing must correspond to well location(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

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**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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**\*\*Refer to Attachment B\*\***

**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, 2, 3, 4	Groundwater (Deschutes Formation)	Municipal	5,600 (cumulative)	1,200,000,000 from all	To be determined
5 & 6	Groundwater (Deschutes Formation)	Municipal	1,000 (cumulative)	6 wells (see note below)	To be determined

Annual volume estimated using the projected 2025 peak day demand and typical peak demand period: 8 MGD peak day demand for a period of 150 days yields 1,200 million gallons. This corresponds with the annual volume estimated using the projected 2025 average day demand: 3.2 MGD for 1 year yields approximately 1,200 million gallons. (2025 projected values from City of Prineville 2006 Water System Master Plan Update).

**C. Maximum Rate of Use Requested**

What is the maximum, instantaneous rate of water that will be used? Cumulative maximum rate of 5,600 gpm from all 6 wells  
(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: \_\_\_\_\_ Year round  
(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: \_\_\_\_\_ N/A  
(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): To be determined based on well yield and system design
- 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 To be determined Length To be determined
- Other (describe) \_\_\_\_\_

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**C. Application/Distribution Method**

What equipment will you use to apply water to your place of use? The water will be conveyed through the City's municipal water distribution system for delivery to the water users served by the City.

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 N/A

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.

The water appropriated under this water right will be for municipal water supply. The City is currently developing a Water Management and Conservation Plan as required by Permit G-16146. The adopted program will result in conservation and efficient use of water appropriated under the City's water rights.

**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: Prior to 2027 **RECEIVED JUN 27 2007**

Proposed date construction will be completed: Prior to 2027 **WATER RESOURCES DEPT SALEM, OREGON**

Proposed date beneficial water use will begin: Beneficial water use will start as soon as possible, with full beneficial use being made prior to Year 2027.

**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.*

4. WATER USE, B. Amount of Water - The City currently relies on water wells completed in and producing water from a relatively small valley floor alluvial aquifer for supplying the City's water needs. Over the years, it has become that the valley floor alluvial aquifer is not a long-term sustainable source for supplying the projected future water supply needs of the City. The appropriation rate requested is sufficient for a supplemental source to meet projected peak demands in 20 years; however, if highly productive wells are drilled, this new source and water right could replace the valley floor alluvial aquifer as the primary water supply source for the City.

## 8. MAP REQUIREMENTS

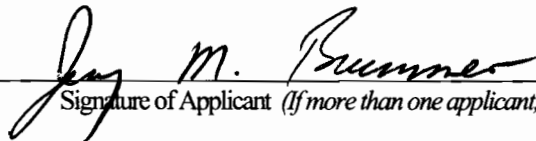
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place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

  
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](http://www.wrd.state.or.us) or call (503) 986-0900.

**\*\*Attachment C\*\***

**\*\*Attachment D\*\***

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