



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

Application for Permit Amendment or Ground Water Registration Modification

Please type or print legibly in dark ink. If your application is incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "N/A" to indicate Not Applicable. As you complete this form, please refer to notes and guidance included on the 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. TYPE OF APPLICATION

Please check one of the following:

Permit Amendment Ground Water Registration Modification

2. APPLICANT INFORMATION

Name: City of Bend Attn: Roger Prowell
First Last

Address: 575 NE 15th Street
Bend Oregon 97701
City State Zip

Phone: _____ (541) 317-3017
Home Work Other

Fax: (541) 389-245 E-Mail address: rprowell@ci.bend.or.us

3. AGENT INFORMATION

(The agent listed is authorized to represent the applicant in all matters relating to this application.)

Name: Terry Sprecher/ PBS Engineering and Environmental
First Last

Address: 390 NE Emerson Avenue, Suite C
Bend Oregon 97701
City State Zip

Phone: _____ (541) 388-9290
Home Work Other

Fax: (541) 382-5116 E-Mail address: terry@pbsenv.com

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- If an agent is listed above, please check one of the following:
 - Please send all correspondence to Agent. Send *copies* of correspondence to Applicant; or
 - Please send all correspondence to Applicant. Send *copies* of correspondence to Agent.

Permit Amendments

- If you propose to amend multiple permits under this application, a separate set of pages 3 through 7 must be provided for each permit. (**NOTE: Concurrent changes to a water right must be filed separately on a transfer application.**)

Ground Water Registration Modifications

- You may propose modification of only one ground water registration per application, unless in accordance with OAR 690-382-0300(2), the ground water registrations to be modified are layered. (**NOTE: Concurrent changes to a water right must be filed separately on a transfer application.**)

4. TYPE OF AMENDMENT OR MODIFICATION PROPOSED

Please check all of the following that apply:

Point of Diversion or Appropriation	Place of Use	Character of Use
<p><input type="checkbox"/> Change (The old point of diversion or appropriation will not be used for the portion of the water right affected by the amendment or modification.)</p> <p><input checked="" type="checkbox"/> Additional (Both the old and new points of diversion or appropriation will be used for the portion of the water right affected by the amendment or modification.)</p> <p style="text-align: center;"><i>Not Available for <u>Ground Water Registrations</u></i></p> <p><input type="checkbox"/> Surface Water to Ground Water (A new point of appropriation will be used instead of the old point of diversion. The old point of diversion will not be used.)</p>	<p><input type="checkbox"/> All of the Permit or Registration will be exercised at a different location than currently authorized (Use of water at the current authorized location will be discontinued.)</p> <p><input type="checkbox"/> Only a portion of the Permit or Registration will be exercised at a different location than currently authorized (Use of water at a <u>portion</u> of the current authorized location will be discontinued.)</p>	<p style="text-align: center;"><i>Not Available for <u>Permit Amendments</u></i></p> <p>Change existing authorized use to the following proposed <u>new</u> use:</p> <p><input type="checkbox"/> Irrigation</p> <p><input type="checkbox"/> Municipal</p> <p><input type="checkbox"/> Quasi-municipal</p> <p><input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Domestic (indicate number of households): _____</p> <p><input type="checkbox"/> Other _____</p>

- Reason(s) for amendment/modification(s): To move POAs closer to place of use, thus conserving energy, decreasing construction costs, and increasing fire flows.

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5. CURRENT PERMIT OR REGISTRATION INFORMATION

Permit or Registration to be Amended/Modified (*check and complete **one** of the following*):

<input checked="" type="checkbox"/>	Permit to be Amended:	<u>G-4435</u> <small>Permit Number</small>	<u>October 1, 2020</u> <small>Current Completion Date of Permit</small>
<input type="checkbox"/>	Ground Water Registration to be Modified:	_____ <small>Ground Water Registration Number</small>	<i>NOTE: Concurrent changes to a water right must be filed separately on a transfer application.</i>

- Name on Permit or Registration: City of Bend
- County: Deschutes
- Authorized Use(s) to be affected by this Amendment/Modification: Municipal
- Priority Date(s): November 8, 1968

*If there are **multiple Priority Dates** identified on the Permit or Registration, any information provided on pages 4 through 7 must identify which priority date is associated with each of the authorized and proposed points of diversion or appropriation and places of use.*

- All Source(s) of Water to be affected by this Amendment/Modification: Groundwater - Eight Wells (original permit – Lava Island wells). Also Outback Well #3 and #4, Bear Creek Well #2 (T-8783)

Tributary to: Deschutes Basin

*If there are **multiple Sources** listed on the Permit or Registration, any information provided on pages 4 through 7 must identify which source is associated with each of the authorized and proposed points of diversion or appropriation and places of use.*

For an application proposing a Change in Place of Use or Character of Use: Not Applicable

- Are there any other “Layered” Water Rights, Permits, or Ground Water Registrations issued for **Irrigation** purposes that are appurtenant to the same place of use as the Permit or Registration being Amended/Modified? Yes No N/A -No Change in Use or Place of Use

If “Yes”, pursuant to ORS 540.510, OAR 690-380-2240 and OAR 690-382-0200, the other “layered” water uses subject to transfer **must either change concurrently or be cancelled**, except as provided in OAR 690-380-2240(5).

- Remarks: _____

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- The following information must be provided only for those points of diversion or appropriation that are involved in the permit amendment or ground water registration modification (i.e., list only the portion of the permit/registration you propose to amend/modify.) Attach additional pages as necessary.

Government lot and donation land claim numbers must be included in the tables below only if the information is reflected on the existing permit or ground water registration.

Location of Existing Authorized Point(s) of Diversion or Appropriation to be Changed: No authorized POAs will be changed – proposed POAs are in addition to the authorized POAs (i.e., the allowed point(s) of diversion/appropriation that will be affected by the proposed amendment/modification, the "FROM" point(s) of diversion/appropriation)

Not Applicable									
----------------	--	--	--	--	--	--	--	--	--

- Does the permit/registration being amended/modified involve a ground water source(s)?
 Yes No (Surface water source only.)

If "Yes", for each authorized point of appropriation (well) involved, you must either:

A. Supply a copy of the well log(s) for each point of appropriation that is clearly labeled and associated with the corresponding well in the table above and on the accompanying application map. Well logs are attached for Lava Island #1 and #2, Bear Creek #2, Outback #3 and #4.

or

B. If a well log is not available, you must describe the construction of the authorized point of appropriation by completing the table below. Attach additional copies as necessary.

Construction of Existing Authorized Point(s) of Appropriation – (Only needed if no well log is available.)
Wells in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

Well ID	Location	Type and Use	Depth (ft)	Construction	Water Source	Flow Rate (gpm)	Water Quality	Notes	Remarks
Lava Island #3, #4, #5, #6, #7, #8	Wells are	not yet	drilled		228'	228' (estimated at approx 60' thick)		300 – 400' (if drilled)	

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- **The following information must be provided only for those places of use that are involved in the permit amendment or ground water registration modification (i.e., list only the portion of the permit/registration you propose to amend/modify.) Attach additional pages as necessary.**

Government lot and donation land claim numbers must be included in the tables below **only** if the information is reflected on the existing permit or ground water registration.

Location of Existing Authorized Place of Use to be Affected: w/in the service area of the City of Bend – tax lot information is not required
(i.e., the allowed lands that will be affected by the proposed amendment/modification, the "FROM" lands)

Groundwater	17S	11E	WM	13	NE	NE	
Groundwater	17S	11E	WM	13	NW	NE	
Groundwater	17S	11E	WM	13	SW	NE	
Groundwater	17S	11E	WM	13	SE	NE	
Groundwater	17S	11E	WM	13	NE	SW	
Groundwater	17S	11E	WM	13	SW	SW	
Groundwater	17S	11E	WM	13	SE	SW	
Groundwater	17S	11E	WM	13	NE	SE	
Groundwater	17S	11E	WM	13	NW	SE	
Groundwater	17S	11E	WM	13	SW	SE	
Groundwater	17S	11E	WM	13	SE	SE	
Groundwater	17S	11E	WM	23	SW	NE	
Groundwater	17S	11E	WM	23	SE	NE	
Groundwater	17S	11E	WM	23	NE	SW	
Groundwater	17S	11E	WM	23	SE	SW	
Groundwater	17S	11E	WM	23	NE	SE	
Groundwater	17S	11E	WM	23	NW	SE	
Groundwater	17S	11E	WM	23	SW	SE	
Groundwater	17S	11E	WM	23	SE	SE	
Groundwater	17S	11E	WM	24	Entire section		
Groundwater	17S	11E	WM	25	Entire section		
Groundwater	17S	11E	WM	26	Entire section		

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Groundwater	17S	11E	WM	35	Entire section	
Groundwater	17S	11E	WM	36	Entire section	
Groundwater	17S	12E	WM	7	NE SW	
Groundwater	17S	12E	WM	7	NW SW	
Groundwater	17S	12E	WM	7	SW SW	
Groundwater	17S	12E	WM	7	SE SW	
Groundwater	17S	12E	WM	7	NE SE	
Groundwater	17S	12E	WM	7	NW SE	
Groundwater	17S	12E	WM	7	SW SE	
Groundwater	17S	12E	WM	7	SE SE	
Groundwater	17S	12E	WM	8	NE SW	
Groundwater	17S	12E	WM	8	NW SW	
Groundwater	17S	12E	WM	8	SW SW	
Groundwater	17S	12E	WM	8	SE SW	
Groundwater	17S	12E	WM	8	NE SE	
Groundwater	17S	12E	WM	8	NW SE	
Groundwater	17S	12E	WM	8	SW SE	
Groundwater	17S	12E	WM	8	SE SE	
Groundwater	17S	12E	WM	10	NE NW	
Groundwater	17S	12E	WM	10	NW NW	
Groundwater	17S	12E	WM	10	SW NW	
Groundwater	17S	12E	WM	10	SE NW	
Groundwater	17S	12E	WM	10	NE SW	
Groundwater	17S	12E	WM	10	NW SW	
Groundwater	17S	12E	WM	10	SW SW	
Groundwater	17S	12E	WM	10	SE SW	
Groundwater	17S	12E	WM	16	Entire section	RECEIVED
Groundwater	17S	12E	WM	17	Entire section	MAR 21 2007
Groundwater	17S	12E	WM	18	Entire section	WATER RESOURCES DEPT SALEM, OREGON

Groundwater	17S	12E	WM	19	Entire section	
Groundwater	17S	12E	WM	20	Entire section	
Groundwater	17S	12E	WM	21	Entire section	
Groundwater	17S	12E	WM	22	SW NW	
Groundwater	17S	12E	WM	22	SE NW	
Groundwater	17S	12E	WM	22	NE SW	
Groundwater	17S	12E	WM	22	NW SW	
Groundwater	17S	12E	WM	22	SW SW	
Groundwater	17S	12E	WM	22	SE SW	
Groundwater	17S	12E	WM	22	NE SE	
Groundwater	17S	12E	WM	22	NW SE	
Groundwater	17S	12E	WM	22	SW SE	
Groundwater	17S	12E	WM	22	SE SE	
Groundwater	17S	12E	WM	23	SW NW	
Groundwater	17S	12E	WM	23	NW SW	
Groundwater	17S	12E	WM	23	SW SW	
Groundwater	17S	12E	WM	26	NW NW	
Groundwater	17S	12E	WM	26	SW NW	
Groundwater	17S	12E	WM	26	NW SW	
Groundwater	17S	12E	WM	26	SW SW	
Groundwater	17S	12E	WM	26	SE SW	
Groundwater	17S	12E	WM	26	SW SE	
Groundwater	17S	12E	WM	27	Entire section	
Groundwater	17S	12E	WM	28	Entire section	
Groundwater	17S	12E	WM	29	Entire section	
Groundwater	17S	12E	WM	30	Entire section	RECEIVED
Groundwater	17S	12E	WM	31	Entire section	MAR 21 2007
Groundwater	17S	12E	WM	32	Entire section	WATER RESOURCES DEPT
Groundwater	17S	12E	WM	33	Entire section	SALEM, OREGON

Groundwater	17S	12E	WM	34	Entire section	
Groundwater	17S	12E	WM	35	NW NE	
Groundwater	17S	12E	WM	35	SW NE	
Groundwater	17S	12E	WM	35	NE NW	
Groundwater	17S	12E	WM	35	NW NW	
Groundwater	17S	12E	WM	35	SW NW	
Groundwater	17S	12E	WM	35	SE NW	
Groundwater	17S	12E	WM	35	NE SW	
Groundwater	17S	12E	WM	35	NW SW	
Groundwater	17S	12E	WM	35	SW SW	
Groundwater	17S	12E	WM	35	NW SE	
Groundwater	18S	11E	WM	1	Entire section	
Groundwater	18S	11E	WM	2	Entire section	
Groundwater	18S	11E	WM	11	NE NE	
Groundwater	18S	11E	WM	11	SE NE	
Groundwater	18S	11E	WM	11	NE SE	
Groundwater	18S	11E	WM	11	SE SE	
Groundwater	18S	11E	WM	12	Entire section	
Groundwater	18S	11E	WM	13	NE NE	
Groundwater	18S	11E	WM	13	NW NE	
Groundwater	18S	11E	WM	13	SW NE	
Groundwater	18S	11E	WM	13	NE NW	
Groundwater	18S	11E	WM	13	NW NW	
Groundwater	18S	11E	WM	13	SW NW	
Groundwater	18S	11E	WM	13	SE NW	RECEIVED
Groundwater	18S	11E	WM	13	NE SW	MAR 21 2007
Groundwater	18S	11E	WM	13	NW SW	WATER RESOURCES DEPT
Groundwater	18S	11E	WM	13	SW SW	SALEM, OREGON
Groundwater	18S	11E	WM	13	SE SW	

Groundwater	18S	12E	WM	3	NE NW	
Groundwater	18S	12E	WM	3	NW NW	
Groundwater	18S	12E	WM	3	SW NW	
Groundwater	18S	12E	WM	3	SE NW	
Groundwater	18S	12E	WM	3	NE SW	
Groundwater	18S	12E	WM	3	NW SW	
Groundwater	18S	12E	WM	3	SW SW	
Groundwater	18S	12E	WM	3	SE SW	
Groundwater	18S	12E	WM	4	Entire section	
Groundwater	18S	12E	WM	5	Entire section	
Groundwater	18S	12E	WM	6	NE NE	
Groundwater	18S	12E	WM	6	NW NE	
Groundwater	18S	12E	WM	6	SW NE	
Groundwater	18S	12E	WM	6	SE NE	
Groundwater	18S	12E	WM	6	NE NW	
Groundwater	18S	12E	WM	6	NW NW	
Groundwater	18S	12E	WM	6	SW NW	
Groundwater	18S	12E	WM	6	SE NW	
Groundwater	18S	12E	WM	6	NE SW	
Groundwater	18S	12E	WM	6	NW SW	
Groundwater	18S	12E	WM	6	SW SW	
Groundwater	18S	12E	WM	6	SE SW	
Groundwater	18S	12E	WM	6	NE SE	
Groundwater	18S	12E	WM	6	NW SE	
Groundwater	18S	12E	WM	6	SW SE	
Groundwater	18S	12E	WM	7	NW NE	
Groundwater	18S	12E	WM	7	SW NE	
Groundwater	18S	12E	WM	7	NE NW	
Groundwater	18S	12E	WM	7	NW NW	

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Groundwater	18S	12E	WM	7	SW	NW	
Groundwater	18S	12E	WM	7	SE	NW	
Groundwater	18S	12E	WM	7	NE	SW	
Groundwater	18S	12E	WM	7	NW	SW	
Groundwater	18S	12E	WM	7	SW	SW	
Groundwater	18S	12E	WM	7	SE	SW	
Groundwater	18S	12E	WM	8	NE	NE	
Groundwater	18S	12E	WM	8	NW	NE	
Groundwater	18S	12E	WM	8	SW	NE	
Groundwater	18S	12E	WM	8	SE	NE	
Groundwater	18S	12E	WM	8	NE	NW	
Groundwater	18S	12E	WM	8	NW	NW	
Groundwater	18S	12E	WM	8	NE	SE	
Groundwater	18S	12E	WM	8	NW	SE	
Groundwater	18S	12E	WM	9	NE	NW	
Groundwater	18S	12E	WM	9	NW	NW	
Groundwater	18S	12E	WM	9	SW	NW	
Groundwater	18S	12E	WM	9	SE	NW	
Groundwater	18S	12E	WM	9	NE	SW	
Groundwater	18S	12E	WM	9	NW	SW	
Groundwater	18S	12E	WM	9	NE	SE	
Groundwater	18S	12E	WM	9	NW	SE	
Groundwater	18S	12E	WM	9	SW	SE	
Groundwater	18S	12E	WM	9	SE	SE	
Groundwater	18S	12E	WM	16	NW	NE	RECEIVED
Groundwater	18S	12E	WM	16	SW	NE	MAR 21 2007
Groundwater	18S	12E	WM	16	NE	NW	WATER RESOURCES DEPT
Groundwater	18S	12E	WM	16	SE	NW	SALEM, OREGON

6. PROPOSED PERMIT AMENDMENT OR REGISTRATION MODIFICATION

- Describe proposed changes to the permit or registration involving point(s) of diversion and/or appropriation. Survey coordinates described below should accurately correspond to the points shown on the accompanying application map. Attach additional pages as necessary.

Location of Proposed Point(s) of Diversion or Appropriation: (i.e., the "TO" point(s) of diversion/appropriation)

(NOTE: Complete this table **only** if a Change in Point of Diversion or Appropriation is being proposed.)

Well Number	Section	Range	Meridian	Block	Subsection	Acres	Location Description
Outback Well #5	17S	11E	WM	34	SE SW	6202	N38°50'59"W, 241.7 FEET FROM THE SW CORNER OF THE SE ¼ OF S 35, T 17S, R11E
Outback Well #6	17S	11E	WM	34	SE SW	6202	N45°11'27"W, 458.7 FEET FROM THE SW CORNER OF THE SE ¼ OF S 35, T 17S, R11E

- If there are proposed point(s) of appropriation (wells) listed in the table above, are the well(s) already constructed? Yes No N/A - No proposed well(s) listed above.

If "Yes", attach and clearly label the corresponding well log(s) for each proposed well, or if well log(s) are not available, describe the construction of the well(s) using the table below. Well logs are attached for Outback #5 and #6.

If "No", describe the anticipated construction for the proposed well(s) in the following table:

Construction of Proposed Point(s) of Appropriation or Well(s):

Well numbers in this listing must be clearly tied to corresponding well location(s) described in the table above and shown on the accompanying application map.

Well Number	Proposed Well Construction	Depth	Construction Date	Completion Date	Well Status	Notes

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7. AFFECTED DISTRICTS AND LOCAL GOVERNMENTS

- Are any of the Permit(s) or Registration(s) proposed for amendment/modification located within or served by an irrigation or other water district? Yes No
- Will any of the Permit(s) or Registration(s) be located within or served by an irrigation or other water district after the proposed amendment/modification? Yes No
- Is water for any of the Permit(s) or Registration(s) supplied under a water service agreement or other contract for stored water with a federal agency? Yes No

If "Yes", for any of the above, list the name and mailing address of the district and/or agency:

- List the name and mailing address of all affected local governments (e.g., county, city, municipal corporation, and tribal governments within whose jurisdiction the right(s) are located).

Deschutes County Community Development Department 117 NW Lafayette Avenue, Bend, OR 97701

8. PERMIT HOLDER OF RECORD

This section is to be completed only for Permit Amendment applications.

- Is the applicant the permit holder of record? Yes No

If "No", the applicant must either:

A. *Be assigned as a permit holder of record by submitting a completed **Request for Assignment** form and the required statutory fee for an assignment;*

or

B. *Submit an **Affidavit of Consent** from the permit holder of record that gives permission for the applicant to amend the permit.*

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9. LAND OWNERSHIP

If for a Permit Amendment proposing a Change in Place of Use: Not Applicable

- Does the permit holder of record own or control the land **TO** which the place of use is being moved? Yes No

*If "No", the owner of the land **TO** which the place of use is being moved **must be assigned to the permit as a permit holder of record** by submitting a completed **Request for Assignment form** and the required statutory fee for an assignment.*

- Check **one** of the following:
 - The permit holder of record will be responsible for completion of the proposed changes after the final order is issued. All notices and correspondence should be sent to the permit holder of record.
 - The applicant will remain responsible for completion of changes. Notices and correspondence should continue to be sent to the applicant and applicant's agent.

If for a Ground Water Registration Modification: Not applicable

- Does the applicant own the lands **FROM** which the registration is being moved? Yes No

If "No", provide the following information:

Names of Current Landowner(s): _____

First

Last

Address: _____

City

State

Zip

- Does the applicant own the lands **TO** which the registration is being moved? Yes No

If "No", provide the following information:

Names of Receiving Landowner(s): _____

First

Last

Address: _____

City

State

Zip

- Check **one** of the following:
 - The receiving landowner will be responsible for completion of the proposed changes after the final order is issued. All notices and correspondence should be sent to this landowner.
 - The applicant will remain responsible for completion of changes. Notices and correspondence should continue to be sent to the applicant and applicant's agent.

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10. ATTACHMENTS

*Check each of the following attachments included with this application.
The application will be returned if all required attachments are not included.*

Map:

A map meeting the requirements of OAR 690-380-3100 must be included but need **not** be prepared by a Certified Water Right Examiner.

See Figs 1, 2, 3 and map showing service area of the City of Bend

Land Use Information Form:

Enclosed; *or*

Not required if **all** of the following are met:

- ① In EFU zone or irrigation district;
- ② Change in place of use only;
- ③ No structural changes needed, including diversion works, delivery facilities, other structures; *and*
- ④ Irrigation only.

Water Well Reports/Well Logs:

The application involves a change in point of appropriation or change from surface water to ground water and copies of **all** water well reports are attached.

Water well reports are not available for wells that have not yet been drilled. A description of proposed construction details including well depth, static water level, and information necessary to establish the ground water body developed ~~or~~ proposed to be developed is ~~attached~~ included.

N/A. The application does **not** involve a change in point of appropriation or a change from surface water to ground water, so water well reports are **not** required.

Fees:

Amount enclosed: \$ 350
See the Department's Fee Schedule at www.wrd.state.or.us/OWRD/PUBS/forms.shtml or call (503) 986-0900.

For Permit Amendments Only...

Request for Assignment:

Enclosed. The applicant is **NOT** the permit holder of record and needs to be assigned to the permit; **OR** the landowner of the proposed place of use is **NOT** the permit holder of record and needs to be assigned to the permit.

*The Request for Assignment form is available online at: www.wrd.state.or.us/OWRD/PUBS/forms.shtml ; *or**

N/A. The applicant is the permit holder of record and owns or controls the proposed place of use; **OR** ~~the applicant is not the permit holder of record but is supplying an Affidavit of Consent from the permit holder.~~

Affidavit of Consent:

Enclosed. Because the applicant is **NOT** the permit holder of record, an Affidavit of Consent is being supplied that gives permission for the applicant to amend the permit; *or*

N/A. Not required because the applicant is the permit holder of record.

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Before submitting your application to the Department, be sure you have:

- Answered each question completely
- Included all the required attachments
- Provided original signatures from all landowner holders, or other parties, with an interest in the water right
- Included a check payable to the Oregon Water Resources Department for the appropriate amount

11. SIGNATURES

▪ **For Ground Water Registration Modification Applications only**, check the appropriate one and sign the application in the signature box below:

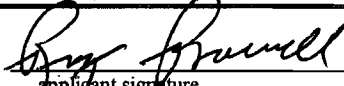
In accordance with OAR 690-382-0400(16)(a), I (we) understand that prior to Department approval of a permanent modification and upon my receipt of a draft Preliminary Determination for the proposed modification, I (we) will be required [pursuant to OAR 690-382-0700(5)] to provide the following landownership information and evidence demonstrating that I (we) are authorized to pursue the modification:

- (a) A report of ownership and lien information that has been prepared by a title company *within the last three months*;
- (b) A copy of written notification of the proposed modification provided by the applicant to all lien holders on the subject lands unless the report of ownership and lien information shows that a water right conveyance agreement has been recorded for the subject lands. *If a water right conveyance agreement has been recorded for the subject lands, a copy of the recorded agreement and a listing of the owner(s) of the lands at the time the agreement was recorded must be submitted; and*
- (c) If the applicant is not both the person named on the ground water registration or the assignee *and* the owner of the lands to which the registration is appurtenant, as identified in the report of ownership and lien information, then either of the following must be provided:
 - A) Notarized statements consenting to the modification by all persons, other than the applicant, who are named on the ground water registration or identified as landowners in the report of ownership and lien information or who are authorized representatives of an entity to whom the interest in the water right has been conveyed as identified in a water right conveyance agreement; or
 - B) Documentation demonstrating that the applicant is authorized to pursue the modification in the absence of consent of the persons named on the ground water registration or the assignee and the owner of the lands to which the registration is appurtenant.

I (we) affirm that the applicant is a municipality, as defined in ORS 540.510(3)(b), and that the right is in the name of the municipality or a predecessor. Therefore, pursuant to OAR 690-382-0400(16)(b), the applicant is NOT required to provide the above described report of ownership and lien information.

I (we) affirm that the applicant is an entity with the authority to condemn property and is acquiring the property to which the ground water registration proposed for modification is appurtenant by condemnation. Documentation is provided with this application supporting this statement. Therefore, pursuant to OAR 690-382-0400(16)(c), the applicant is NOT required to provide the above described report of ownership and lien information. (NOTE: Such an entity may only apply for recognition of a modification under this subsection if it has filed a condemnation action to acquire the property and deposited the funds with the court as required by ORS 35.265.)

▪ **For both Permit Amendment and Ground Water Registration Modification Applications**, I (we) affirm that the information contained in this application is true and accurate.

 applicant signature	ROGER PROWELL name (print)	032007 date
_____ applicant signature	_____ name (print)	<div style="border: 1px solid black; padding: 5px; display: inline-block;">RECEIVED</div> <small>date</small>

RECEIVED
OCT 7 1968
STATE ENGINEER
SALEM, OREGON

RECEIVED
NOV 8 1968
STATE ENGINEER
SALEM, OREGON

Permit No. G-4435

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, City of Bend
by HAROLD M. PUDDY, CITY MANAGER for the City of Bend 11-7-68
(Name of applicant)

of CITY OF BEND, county of DESCHUTES
(Postoffice Address)

state of OREGON, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

Jan. 4, 1905 Bend, Ore.

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated DESCHUTES RIVER
(Name of stream)

tributary of COLUMBIA RIVER

2. The amount of water which the applicant intends to apply to beneficial use is 7.75 cubic feet per second or 3478 gallons per minute. (See Attached Sheet)

3. The use to which the water is to be applied is MUNICIPAL WATER SUPPLY FOR THE CITY OF BEND

4. The well or other source is located ft. and ft. from the corner of WELL #1 is 1,902 ft S. 5° 08' E. of N.W. CORNER SEC. 27 T. 18 S., R 11 E. W.M.
(N. or S.) (E. or W.)
(Section or subdivision)

WELL #2 is 1,749 ft S. 20° 29' E. of N.W. CORNER SEC. 27 T. 18 S., R 11 E. W.M.
(If preferable, give distance and bearing to section corner)

Additional wells planned W. 1/2 N.W. 1/4 Sec. 27 & NE 1/4 Sec. 28, T. 18 S., R. 11 E. W.M. (See attached sheet
(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the of Sec. 27 & 28., Twp. 18 S., R. 11 E., W. M., in the county of Deschutes

5. The Pipe Line to be 6.8 miles
(Canal or pipe line)
in length, terminating in the SW 1/4, SW 1/4 of Sec. 31, Twp. 17 S.,
(Smallest legal subdivision)
R. 12 E., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Lava Island Well Field

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

Not Applicable

8. The development will consist of 8 Wells having a
(Give number of wells, tunnels, etc.)
diameter of 12 inches and an estimated depth of 285 feet. It is estimated that 275
feet of the well will require 12 inch Steel casing. Depth to water table is estimated 260
(Kind) (Feet)

T-8783/Amend Δ POW/APOA

T-10351

Item #2 Continued

Water to be appropriated from each well follows:

Well #	c.f.g.	R.p.m.
Well #1	0.935	420
#2	0.980	440
#3	0.980	440
#4	0.970	435
#5	0.970	435
#6	0.970	435
#7	0.970	435
#8	0.975	438
TOTALS	7.75	3,478

CANAL SYSTEM OR PIPE LINE—

G 4435

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(b) At miles from headgate: width on top (at water line) feet; width on bottom feet; depth of water feet; grade feet fall per one thousand feet.

(c) Length of pipe, 36,000 ft.; size at intake 16 in.; in size at ft. from intake in.; size at place of use 16 in.; difference in elevation between intake and place of use, 100 ft. Is grade uniform? No Estimated capacity, 7.75 sec. ft.

10. If pumps are to be used, give size and type ± 500 g.p.m. line shaft turbine depending on well tests.

Give horsepower and type of motor or engine to be used ± 60 H.P. electric motor depending on well tests.

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

Well field area comes within 150 feet of the Deschutes River.
Ground water source is estimated to be 130 feet below stream bed.

12. Location of area to be irrigated, or place of use City of Bend

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
Existing City Limits of Bend is described on attached map.				
T. 18, S.	R. 12 E., W.M.	Section 3	- NW ¹ / ₄ NW ¹ / ₄	
		Section 4	- N ¹ / ₂ SW ¹ / ₄ , N ¹ / ₂ except SE ¹ / ₄ NE ¹ / ₄	
		Section 5	- SE ¹ / ₄ except SE ¹ / ₄ SE ¹ / ₄	
T. 17 S.	R. 12 E., W.M.	Section 27	- SW ¹ / ₄ NW ¹ / ₄ , NW ¹ / ₄ SW ¹ / ₄ , S ¹ / ₂ N.W. ¹ / ₄ N.W. ¹ / ₄ , W ¹ / ₂ S.W. ¹ / ₄ S.W. ¹ / ₄	
		Section 28	- S ¹ / ₂ NE ¹ / ₄ , SW ¹ / ₄ NW ¹ / ₄ , NE ¹ / ₄ SE ¹ / ₄ , SW ¹ / ₄ SE ¹ / ₄ ,	
		Section 28 Cont.	W ¹ / ₂ S.E. ¹ / ₄ S.E. ¹ / ₄ , S ¹ / ₂ S.W. ¹ / ₄ ; N.W. ¹ / ₄ S.W. ¹ / ₄	
		Section 29	- SE ¹ / ₄ NE ¹ / ₄ , S ¹ / ₂ SW ¹ / ₄ , E ¹ / ₂ S.E. ¹ / ₄ , SW ¹ / ₄ SE ¹ / ₄ , E ¹ / ₂ N.W. ¹ / ₄ SE ¹ / ₄	
		Section 30	- S ¹ / ₂ SW ¹ / ₄ , S ¹ / ₂ SE ¹ / ₄	
		Section 31	- NE ¹ / ₄ , SE ¹ / ₄ , E ¹ / ₂ NW ¹ / ₄ , N ¹ / ₂ N.E. ¹ / ₄ S.W. ¹ / ₄	
		Section 32	- All	
		Section 33	- All, except E ¹ / ₂ NE ¹ / ₄ and except NE ¹ / ₄ SE ¹ / ₄	
T. 17 S.	R. 11 E., W.M.	Section 25	- SE ¹ / ₄ SW ¹ / ₄ , SE ¹ / ₄ except SW ¹ / ₄ SW ¹ / ₄ SE ¹ / ₄	

(If more space required, attach separate sheet)

Character of soil, Sandy

Kind of crops raised, Lawn irrigation.

RECORDED

#4. Location of existing wells follows:

Well #1 is 1,902 ft. S. 5° 08' E. of N.W. CORNER SEC. 27 T. 18 S., R. 11 E.W.M., or in the S.W.¼ of the N.W.¼ of SEC. 27, T. 18 S., R. 11 E.W.M.

Well #2 is 1,749 ft. S. 20° 29' E. of N.W. CORNER SEC. 27 T. 18 S., R. 11 E.W.M. or in the SW¼ of the NW¼ of SEC. 27, T. 18 S., R. 11 E.W.M.

Location of Proposed wells follows:

Well #3 is 2,010 ft S. 18° 30' E. of N.W. corner Sec. 27, T. 18 S., R. 11 E.W.M., or in the S.W.¼ of the N.W.¼ of Sec. 27, T. 18 S., R. 11 E.W.M.

Well #4 is 1,155 ft S. 15° 10' E. of N.W. corner Sec. 27, T. 18 S., R. 11 E.W.M. or in the N.W.¼ of the N.W.¼ of Sec. 27, T. 18 S., R. 11 E.W.M.

Well #5 is 1,420 ft. S. 8° 00' W. of N.W. corner Sec. 27, T. 18 S., R. 11 E.W.M. or in the S.E.¼ of the N.E.¼ of Sec. 28, T. 18 S., R. 11 E.W.M.

Well #6 is 675 ft S. 13° 35' E. of N.W. corner Sec. 27, T. 18 S., R. 11 E.W.M. or in the N.W.¼ of the N.W.¼ of Sec. 27, T. 18 S., R. 11 E.W.M.

Well #7 is 435 ft S. 13° 15' W. of N.W. corner Sec. 27, T. 18 S., R. 11 E.W.M. or in the N.E.¼ of the N.E.¼ of Sec. 28, T. 18 S., R. 11 E.W.M.

Well #8 is 990 ft S. 27° 40' W. of N.W. corner Sec. 27, T. 18 S., R. 11 E.W.M., or in the N.E.¼ of the N.E.¼ of Sec. 28, T. 18 S., R. 11 E.W.M.

MUNICIPAL SUPPLY—

13. To supply the city of Bend
in Deschutes county, having a present population of 13,200
and an estimated population of 19,000 in 1990

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$ 970,440.00
- 15. Construction work will begin on or before 1970
- 16. Construction work will be completed on or before 1975
- 17. The water will be completely applied to the proposed use on or before 1976

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant
17.13 cfs Water rights held from Tumalo Irrigation District

Harold M. Fuddy
City Manager
(Signature of applicant)

Remarks: The Lava Island Well Field may include eight (8) wells within the following described area for which a permit is requested: W $\frac{1}{2}$, NE $\frac{1}{4}$, Section 27 and the NE $\frac{1}{4}$ Section 28, T. 18 S., R. 11 E., W.M.

Well No.1 was drilled for the City of Bend by R.J. Strasser commencing December 1, 1967. A 16 inch steel casing is installed to 196 feet with grout seal from surface to 39 feet. A 12 inch steel casing is installed inside the 16 inch casing from surface to 310 feet with perforated slots below 228 feet. Static water level is 168 feet. A 48 hour pumping test indicated a capacity of 420 gpm with 60 feet of drawdown.

Well No.2 has an 8-inch steel casing installed to 140 feet with an open hole to 310 feet. Static water level is 138 feet. This well may be reamed for installation of larger casing before test pumping. Additional work dependent on availability of funds.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for Corrections and Completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before January 27th, 1969.

WITNESS my hand this 27th day of November, 1968.

RECEIVED
DEC 13 1968
STATE ENGINEER
SALEM OREGON

CHRIS L. WHEELER
STATE ENGINEER
By *Larry W. Jebousek*
LARRY W. JEBOUSEK
ASSISTANT

Application No. G-4677
 Permit No. G-4435

PERMIT

TO APPROPRIATE THE GROUND
 WATERS OF THE STATE
 OF OREGON

This instrument was first received in the
 office of the State Engineer at Salem, Oregon,
 on the 8th day of November,
 1968, at 1:00 o'clock P. M.
 Returned to applicant:

Approved: July 17, 1969

Recorded in book No. _____ of
 Ground Water Permits on page G 4435

CHRIS T. WHEELER
 STATE ENGINEER
 Drainage Basin No. 5 page 116

3900

P 2020

The priority date of this permit is November 8, 1968
 Actual construction work shall begin on or before July 17, 1970 and shall
 thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1970
 Complete application of the water to the proposed use shall be made on or before October 1, 1971
 WITNESS my hand this 17th day of July 1969

The well shall be cased as necessary in accordance with good practice and if the flow is artesian
 the works shall include proper capping and control valve to prevent the waste of ground water.
 The works constructed shall include an air line and pressure gauge or an access port for measuring
 line, adequate to determine water level elevation in the well at all times.
 The permittee shall install and maintain a weir, meter, or other suitable measuring device, and
 shall keep a complete record of the amount of ground water withdrawn.
 and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

This is to certify that I have examined the foregoing application and do hereby grant the same,
 SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:
 The right herein granted is limited to the amount of water which can be applied to beneficial use
 and shall not exceed 7.75 cubic feet per second measured at the point of diversion from the well
 or source of appropriation, or its equivalent in case of rotation with other water users, from eight wells
 being 0.935 cfs from well No. 1, 0.98 cfs from well No. 2, 0.98 cfs from well No. 3,
 0.97 cfs from well No. 4, 0.97 cfs from well No. 5, 0.97 cfs from well No. 6, 0.97
 cfs from well No. 7 and 0.975 cfs from well No. 8
 The use to which this water is to be applied is municipal