

Application for a Permit to Use Ground Water



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

Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (www.oregon.gov/owrd/law). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$350.00 for the applicant and \$700.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

RECEIVED BY OWRD

AUG 21 2015



SPF WATER
ENGINEERING

August 18, 2015

State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266

Subject: Application for Permit to Use Ground Water

To Whom it May Concern,

Enclosed on behalf of the National Park Service is an application for permit to use ground water. We sent a portion of the application and a check for \$2,800 on August 13, 2015, but unfortunately failed to include the original, signed application. The permit application is being filed to allow the applicant to develop the proposed point of diversion as a potable water production well to provide the potable water supply for the Mazama Village, Park Service Headquarters, and Rim Village areas within Crater Lake National Park.

I apologize for the inconvenience. Please call me if you have any questions.

Sincerely,

Marci Pape

Marci Pape, P.E.
Project Engineer

Cc: Cynthia Moscoso

Enclosure

SPF file number: 958.0061

RECEIVED BY OWRD

AUG 21 2015

SALEM, OR



August 13, 2015

State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266

Subject: Application for Permit to Use Ground Water

To Whom it May Concern,

Enclosed on behalf of the National Park Service is an application for permit to use ground water. The permit application is being filed to allow the applicant to develop the proposed point of diversion as a potable water production well to provide the potable water supply for the Mazama Village, Park Service Headquarters, and Rim Village areas within Crater Lake National Park. The well was originally drilled as a test well, but will be converted into a production well to be used in the event that diversion from the existing potable water source, Annie Creek, has been curtailed.

Check No. 010032 for \$2,800 is enclosed for the filing fee. Thank you very much for your consideration and assistance in this matter. Please call me if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Marci Pape".

Marci Pape, P.E.
Project Engineer

Cc: Cynthia Moscoso

Enclosures

SPF file number: 958.0061

RECEIVED BY OWRD

AUG 17 2015

SALEM, OR

Application for a Permit to Use Ground Water



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME CRATER LAKE NATIONAL PARK, SUPERINTENDENT CRAIG ACKERMAN		PHONE (HM)	
PHONE (WK) (541) 594-3001	CELL		FAX
ADDRESS BOX 7, SAGER BUILDING			
CITY CRATER LAKE	STATE OR	ZIP 97604	E-MAIL* craig_ackerman@nps.gov

Organization Information - DEPARTMENT OF INTERIOR

NAME D.O.I. NATIONAL PARK SERVICE, CRATER LAKE N. P.		PHONE		FAX
ADDRESS SAME AS ABOVE			CELL	
CITY	STATE	ZIP	E-MAIL*	

Agent Information - The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME CYNTHIA MOSCOSO		PHONE (541) 471-6523		FAX
ADDRESS GPIO-NPS, 2164 NE SPALDING AVE.			CELL (541) 324-1523	
CITY GRANTS PASS	STATE OR	ZIP 97526	E-MAIL* cynthia_moscoso@nps.gov	


Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

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.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- 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 cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

I (we) affirm that the information contained in this application is true and accurate.


Applicant Signature

CRAIG W. ACKERMAN
Print Name and title if applicable
Superintendent

8/3/15
Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use			RECEIVED BY OWRD
App. No. <u>G-18133</u>	Permit No. _____	Date <u>AUG 17 2015</u>	

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 the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): _____.
- Land uses to be served by the 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
		<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.

RECEIVED BY OWRD

AUG 21 2015

SALEM, OR

Name: _____ Title: _____

Signature: _____ Phone: _____ Date: _____

Government Entity: _____

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.



Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

Land Use Information Form

N/A



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

Applicant: _____ First _____ Last

Mailing Address: _____

_____ City _____ State _____ Zip Daytime Phone: _____

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. 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:
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted <input type="checkbox"/> Conveyed <input type="checkbox"/> Used	
						<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, and/or used or developed:

RECEIVED

AUG 21 2015

WATER RESOURCES DEPT
SALEM, OREGON

B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: _____ 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:

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

See bottom of Page 3. →

Land Use Information Form



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

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

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) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

RECEIVED BY OWRD RECEIVED BY OWRD

AUG 21 2010

AUG 21 2010

SALEM, OR

WRD

Application for a Permit to Use Ground Water



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME CRATER LAKE NATIONAL PARK, SUPERINTENDENT CRAIG ACKERMAN		PHONE (HM)	
PHONE (WK) (541) 594-3001	CELL		FAX
ADDRESS BOX 7, SAGER BUILDING			
CITY CRATER LAKE	STATE OR	ZIP 97604	E-MAIL* craig_ackerman@nps.gov

Organization Information - DEPARTMENT OF INTERIOR

NAME D.O.I. NATIONAL PARK SERVICE, CRATER LAKE N. P.		PHONE	FAX
ADDRESS SAME AS ABOVE			CELL
CITY	STATE	ZIP	E-MAIL*

Agent Information - The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME CYNTHIA MOSCOSO		PHONE (541) 471-6523	FAX
ADDRESS GPIO-NPS, 2164 NE SPALDING AVE.			CELL (541) 324-1523
CITY GRANTS PASS	STATE OR	ZIP 97526	E-MAIL* cynthia_moscoso@nps.gov

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

RECEIVED BY OWRD

By my signature below I confirm that I understand:

AUG 21 2015

- 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.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- 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 cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

SALEM, OR



I (we) affirm that the information contained in this application is true and accurate.

Craig Ackerman
Applicant Signature

CRAIG W. ACKERMAN
Print Name and title if applicable
Superintendent

8/3/15
Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use		
App. No. <u>G-18133</u>	Permit No. _____	Date _____

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- Yes
 - There are no encumbrances.
 - This land is encumbered by easements, rights of way, roads or other encumbrances.
- No
 - 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 irrigation and/or domestic use only (ORS 274.040).
 - Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

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.

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
L-110337	Annie Creek (Annie Spring)	Approx. 3,060 ft	6180' (at wellhead) - 6050' (at Annie Spring) = 130'

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (*attach additional sheets if necessary*).

See Section 10.

RECEIVED

AUG 21 2015

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Domestic/Administrative	Year-round	62.8 ac-ft/yr (See Section 10)
Fire Protection	Year-round	

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*). N/A

Primary: _____ Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: _____

- If the use is **municipal or quasi-municipal**, attach **Form M**
 - If the use is **domestic**, indicate the number of households: All potable water uses within Mazama Village, Munson Valley HQ, and Rim Village areas of Crater Lake National Park use the drinking water system.
- If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

SECTION 5: WATER MANAGEMENT

RECEIVED

AUG 2 1 2015

WATER RESOURCES DEPT
SALEM, OREGON

A. Diversion and Conveyance

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

Pump (give horsepower and type): 10 hp submersible pump

Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. See Section 10

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

N/A

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

See Section 10

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: _____ Acreage inundated by reservoir: _____

Use(s): _____

Volume of Reservoir (acre-feet): _____ Dam height (feet, if excavated, write "zero"): _____

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: April 1, 2016

Date construction will be completed: August 1, 2016

Date beneficial water use will begin: July 1, 2016

SECTION 9: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	RECEIVED BY OWRD	
City	State	Zip	AUG 21 2015

SALEM, OR

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

General Description:

The well is needed to provide the potable water supply for the Mazama Village, Park Service Headquarters, and Rim Village areas within Crater lake National Park in the event that diversion from the existing water source, Annie Creek, has been curtailed. The existing well was developed as a test well, but will be converted into a potable water

production well . The water system has been designed such that the well may be used in one of two ways: 1) as a production well only or 2) IN CONJUNCTION WITH THE EXISTING Annie Creek source.

Section 3:

The existing well, L-110337, was initially developed as a test well, but will be converted to a production well meeting OHA standards for a drinking water supply.

Total Maximum Rate - the total maximum rate for domestic and administrative uses, 0.34 cfs, is based on water right Claim 602, which currently supplies the Park's potable water needs with water from Annie Creek. An additional 1.0 cfs is requested for fire protection.

Section 4:

Annual Volume - with a maximum diversion rate of 0.34 cfs, excluding the use for fire protection, the potential annual volume is 94.1 ac-ft/yr, but the NPS doesn't reasonably anticipate exceeding an annual volume of 62.8 ac-ft/yr.

Section 5:

A. Water will be diverted from the production well, through a system of 4 and 6 inch pipes into the existing infrastructure comprised of booster stations, and storage tanks to distribution lines. See accompanying diagram for details.

C. A flow meter will be installed at the well outlet. Diversions from the well and into the water system will be continuously measured. Conservation efforts have included installation of water-conserving plumbing fixtures and water meters, and informational signs encouraging conservation among Park guests.

Much of the water used at the Park continues on to treatment, through the use of unlined sewage lagoons and percolation ponds, and ultimately returns to the aquifer through infiltration. Consumption is anticipated to be negligible.

RECEIVED

AUG 21 2015

WATER RESOURCES DEPT
SALEM, OREGON

SPF WATER ENGINEERING LLC**010032**

State of Oregon Water Resources Dept.

Date	Type	Reference	Original Amt.	Balance Due	8/13/2015 Discount	Payment
8/13/2015	Bill	08/13/2015	2,800.00	2,800.00		2,800.00
					Check Amount	2,800.00

RECEIVED BY OWRD**AUG 17 2015****SALEM, OR**

Cash - Disbursements

2,800.00