

Application for a Permit to Use Ground Water



Attachment 3
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 PAUL A. HARCOMBE		PHONE (HM) 541-928-3645	
PHONE (WK)	CELL 713-542-3509		FAX
ADDRESS 30680 HORSESHOE DR. SW			
CITY ALBANY	STATE OR	ZIP 97321	E-MAIL HARCOMB@RICE.EDU

Organization Information

NAME		PHONE	FAX
ADDRESS			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 JACK BURRELL; CWRE 209 / K & D ENGINEERING, INC		PHONE 541-928-2583	FAX 541-967-3458
ADDRESS PO BOX 725			CELL
CITY ALBANY	STATE OR	ZIP 97321	E-MAIL BURRELLJK@KDENG.COM

Note: Attach multiple copies as needed

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.

P.A. Harcombe
Applicant Signature


Paul Harcombe
Print Name and title if applicable

8-26-11
Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use
Permit No. <u>61-17486</u>


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*).

N/A

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
1-AKA Linn-8433	Horseshoe Lake	800'	20'

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*).

NONE

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: UNCONFINED AQUIFER

Total maximum rate requested: 80 (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

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OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG NO.* OR WELL LOG ID**)	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)	PROPOSED USE	
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Linn 8433	<input type="checkbox"/>	8"	0-46	34-46	0-18	18' 4-18-02	unconfined aquifer	67	80	10		
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>											
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>											
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>											
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	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>											

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.
 ** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.
 *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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Ground Water/5

Revised 3/4/2010

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
irrigation	April 1 - Oct 15	10

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*).

Primary: 4.0 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: 10

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households:
If the use is **mining**, describe what is being mined and the method(s) of extraction:

SECTION 5: WATER MANAGEMENT

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A. Diversion and Conveyance

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

Pump (give horsepower and type): 10 HP submersible

Other means (describe):

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. direct conveyance of water to irrigation site with 3" aluminum pipe

B. Application Method

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

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.

AMOUNT NEEDED: 1" per 10-14 days is established minimum for corn and beans.

PREVENT WASTE: timed application; monitor soil conditions; application at night.

MEASURE AMOUNT: timed application.

PREVENT DAMAGE TO AQUATIC/RIPARIAN HABITAT: no aquatic life or riparian habitat on property or adjacent to property.

PREVENT DISCHARGE: flat terrain and porous soil prevent offsite discharge.

PREVENT ADVERSE IMPACT TO PUBLIC USES: no adverse impacts

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: n/a Acreage inundated by reservoir: n/a

Use(s): n/a

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

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): n/a

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: existing well is available for source

Date construction will be completed: existing well is available for source

Date beneficial water use will begin: first growing season following issuance of permit (June)

SECTION 9: REMARKS

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

This application is for a groundwater right to irrigate place of use under surface right T-9111. Upon approval of a ground water right to use a well on the Harombe property, inchoate permit under T-9111 will be voluntarily cancelled. A copy of the request is attached. The original request has been submitted to WRD-attention: Tim Wallin.

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