



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.

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: KAWONU ACRES LLC

Name and title of person applying: DALE BERGEY

Mailing address of organization: 34033 MT. TOM DRIVE

HARRISBURG OR 97446
City State Zip

Phone: 541-995-6294 SAME
Day Evening

*Fax: _____ *E-Mail address: _____

* Optional information

For Department Use

App. No. 6-16996

Permit No. _____

Date _____

Last updated: 6/7/2005

Ground Water/1

RECEIVED

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

WR

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.

N/A

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): ONE

Name of nearest surface water body: UNNAMED DRAINAGE DITCH

Distance from well(s) to nearest stream or lake: 1) 400'

2) _____ 3) _____ 4) _____

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) LESS THAN 5' FROM USGS QUAD MAP

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) ^{HAS BEEN} ~~will be~~ constructed by: CHRISTENSEN WELL DRILLING

Address: 33132 COLEMAN ROAD

EUGENE, OR 97408

Completion date: 10/24/06

RECEIVED

Ground Water/2

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

6-16996

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	8"	STEEL	+2 TO 57	25-54	18	SWL 8	25	plug in cap	60

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: _____
- 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**

RECEIVED

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

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	SEE WELL LOG	WETLAND ENHANCEMENT	83	35.3	83
				ACRE FEET MAXIMUM	

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 83 GPM
(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: SEPT 1 - ~~31~~ AUGUST 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: APPROXIMATELY 60 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): SUBMERISABLE BERKLEY 6T90, 5 HP
☐ Other means (describe): _____

B. Transport

How will you transport water to your place of use?

- ☒ Ditch or canal (give average width and depth):
 Width 3' Depth 1'
 Is the ditch or canal to be lined? ☐ Yes ☒ No
☐ Pipe (give diameter and total length):
 Diameter 4" Length 1200' *
☐ Other (describe) _____

RECEIVED

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

Ground Water/4

* PIPE SYSTEM DEPENDENT ON OWEB GRANT FUNDING, IF NOT FUNDED, DITCH WILL BE USED TO TRANSPORT WATER.

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? DITCH OR PIPE

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.

THE PURPOSE OF THIS APPLICATION IS TO PROVIDE WATER FOR WETLAND ENHANCEMENT FOR MIGRATING WATERFOWL AND OTHER WILDLIFE. WATER LEVELS WILL BE MONITORED SO NO MORE WATER IS PUMPED THAN NECESSARY.

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: COMPLETED

Proposed date construction will be completed: COMPLETED

Proposed date beneficial water use will begin: SEPT 2008

RECEIVED
JAN 18 2008

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.

THE GROUND WATER WILL BE USED FOR WETLAND ENHANCEMENT ON AN AS-NEEDED BASIS. DURING ABOVE NORMAL RAINFALL YEARS THE WELL MAY NOT BE USED AT ALL. THE TOTAL ANNUAL QUANTITY OF 35.3 ACRE FEET LISTED UNDER #4-B IS A MAXIMUM PROJECTION THAT THE WELL COULD BE USED DURING AN EXTREME DROUGHT YEAR.

I put YEAR-AROUND USE UNDER #4-D TO INSURE I HAVE A

Ground Water/5

PERMIT TO USE THE GROUND WATER ANYTIME OF THE YEAR, IF NEEDED. HOWEVER, AT THIS TIME I FORESEE THE GROUND WATER BEING USED ONLY IN LATE SUMMER/EARLY FALL DURING BELOW NORMAL RAINFALL YEARS.

3-16996

8. MAP REQUIREMENTS

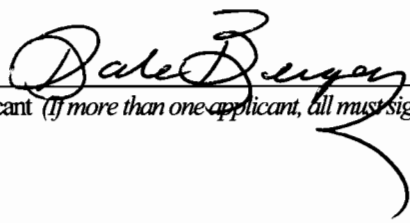
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place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

1-17-08
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 or call (503) 986-0900.

RECEIVED

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

6-16996

6 16996



Oregon Water Resources Department

FORM I

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

☒ Primary ☐ Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: 60 Acres

Secondary: _____ Acres

List the permit or certificate number of the primary water right: No. _____

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

- | | | |
|----------------------------------|--------------------------------------|--|
| 1. <u>NATIVE WETLAND SPECIES</u> | ☐ Full season | ☒ Partial season (from: <u>MAY</u> to <u>JAN</u>) |
| 2. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 3. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 4. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |

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

35.3 acre-feet

(1 acre-foot equals 12 inches of water spread over 1 acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

- | | |
|---|---|
| ☐ Daily during daytime hours | ☐ Daily during nighttime hours |
| ☐ Two or three times weekly during daytime | ☐ Two or three times weekly during nighttime |
| ☐ Weekly, during daytime hours | ☐ Weekly, during nighttime hours |

☒ Other, explain: SEE ATTACHED

G-16996



Oregon Water Resources Department
Land Use Information Form

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) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

Applicant Name: DALE BERGET
Mailing Address: 34033 MT. TOM DRIVE
City: HARPSBURG State: OR Zip: 97446 Day Phone: 541-995-6294

This application is related to a Measure 37 claim. ☐ Yes ☒ No

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. 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	1/4	Tax Lot #	Plan Designation (e.g. Rural Residential/RR-5)	Water to be:	Proposed Land Use:
16S	5N	8E	NE	100	EP4	☒ Diverted ☒ Conveyed ☒ Used	wetland
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	

List all counties and cities where water is proposed to be diverted, conveyed, or used. Lane

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 ☐ Exchange of Water
☐ Allocation of Conserved Water ☐ Limited Water Use License
☐ Permit Amendment or Ground Water Registration Modification

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

Estimated quantity of water needed: 83 gpm ☐ 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: Wetland Maint. for wildlife & waterfowl

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

Receipt for Request for Land Use Information

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

RECEIVED

JAN 18 2008

**WATER RESOURCES DEPT
SALEM, OREGON**

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 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 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:	
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ Not being pursued
		☐ Obtained ☐ Denied	☐ Being pursued ☐ 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.

Name: Lindsey A. Eichner Title: Planner
Signature: Lindsey A. Eichner Phone: 541-082-3998 Date: 1/17/08
Government Entity: Lane County Public Works

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: _____



LANE COUNTY RECEIPT

RECEIPT NUMBER: R08000324

Posting Date: 01/17/2008

PLANNING ACTION #: **PA085074**

TYPE: LAND USE COMPATIBILITY
SITE ADDRESS: 92952 ALVADORE RD JUN
PARCEL: 16-05-14-00-00100
APPLICANT: BERGEY DALE

34033 MT TOM DR
HARRISBURG OR

97446

Type	Method	Description	Amount
Payment	Check	2086	62.50

	Description	Current Pymt
2000	New Technology Fee	10.00
2100	Administrative Fee	6.30
3060	Planning Admin Approvals	42.00
3065	Long Range Planning Surc	4.20

PAID BY: DALE BERGEY

RECEIVED

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

A parcel of land in the Northeast 1/4 of Section 14, Township 16 South, Range 5 West of the Willamette Meridian, Lane County, Oregon, being more particularly described as follows:

Beginning at a 5/8 inch iron rod marking the Northeast corner of said Section 14; thence South 01° 52' 24" West along the East line of said Section 14, 349.84 feet to a 5/8 inch iron rod on the West right of way of Alvadore Road (County Road No. 1341); thence Southwesterly along said right of way 87.69 feet along the arc of a 622.96 foot radius curve left (the chord of which bears South 20° 28' 57" West, 87.61 feet) to a point referenced by a 5/8 inch iron rod bearing North 33° 57' 28" West, 0.27 feet; thence continuing along said right of way South 01° 53' 33" West, 156.58 feet to a 5/8 inch iron rod; thence continuing along said right of way South 01° 53' 33" West, 1871.89 feet to a 5/8 inch iron rod; thence leaving said right of way North 87° 44' 17" West, 485.36 feet to a 5/8 inch iron rod; thence South 01° 52' 24" West, 180.00 feet to a 5/8 inch iron rod on the East-West centerline of said Section 14; thence along said centerline North 87° 44' 17" West, 2124.34 feet to a 5/8 inch iron rod marking the Center 1/4 corner of said Section 14; thence North 01° 49' 18" East along the North-South centerline of said Section 14, 2641.32 feet to a 5/8 inch iron rod marking the North 1/4 corner of said Section 14; thence South 87° 44' 34" East along the North line of said Section 14, 2640.72 feet to the point of beginning, all in Lane County, Oregon.

RECEIVED

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

RECEIVED

JAN 18 2008

WATER RESOURCES DEPT
SALEM, OREGON

C-16996

G 16996

As stated in the ground water application, the use of water will be on an as-needed basis. During extreme drought years the well could be used often while during above normal rainfall years it might not be used at all.

Native wetland plants are not a harvested farmed crop species but to meet the Oregon Water Resources Department form requirements that is what I listed as they will be the plants that benefit from the additional water. According to US Fish & Wildlife staff, by applying only a few inches of water just a couple of times during the summer will result in increased plant size and seed heads for the benefit of shore birds, waterfowl and other wildlife species. Also, by having a water source available it can be used during dry periods to support wetland plants that might not normally survive these conditions thus giving Kawonu Acers a wider diversity of wetland species. In addition, many of the wetland species germinate with the fall rains so during extreme drought conditions the ground water could be used to facilitate germination. The ground water could also be used in the spring to discourage the germination of Reed Canary grass which is a non-native invasive plant species that can ruin prime wetlands.

In addition to benefiting native wetland plant species the ground water could be used during drought years to provide water for shore birds and early returning waterfowl. According to US Fish & Wildlife staff the Willamette Valley is very limited in providing sufficient water during the early fall. Also, for the occasional drought year that extends into December and January the water could be used for the benefit of wildlife.

I would like to have the ability to use the well on a year around basis as needed. There is no way to determine when and how much it would be used as this will be entirely dependent on Mother Nature. My guess is that the most likely use of the water would be July through November during less than normal rainfall conditions. However, I would like to be able to use the well outside of these months if needed by extreme lack of rainfall.

As far as scheduling the application of water it will vary as well, depending upon rainfall. Most likely the well would be used night and day for short periods of time; estimating four to seven day periods a couple times a month.

