



Oregon Water Resources Department 725
Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

RECEIVED
OVER THE COUNTER

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: Douglas Watson
First Last

Mailing Address: 10911^{NE} Creeksedge Dr
Hillsboro OR 97124
City State Zip

Phone: (408) 930-6498 (503) 324-3027 (503) 324-3029
Cell Home Work Other

*Fax (503) 324-3029 *Email Address: doug@mycno.com

B. Organizations

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

Name of Organization: _____

Name and Title of Person Applying: _____

Mailing Address or Organization: _____

City State Zip

Phone : _____
Day Evening

*Fax: _____ *Email Address: _____

*Optional

For Department Use		
App. No. <u>G-17305</u>	Permit No. _____	Date _____

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FEB 04 2010

Last Updated: 3/31/2009

WATER RESOURCES DEPARTMENT
SALEM, OREGON
WR

Ground Water/1

2. PROPERTY OWNERSHIP

FEB 04 2010

☒ Yes (Please check appropriate box below then skip to section 3 'Ground Water Development')

☒ There are no encumbrances

☐ This land is encumbered by easements, rights of way, roads or other encumbrances
(please provide a copy of the recorded deed(s))

WATER RESOURCES DEPT
SALEM, OREGON

☐ 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.

3. GROUND WATER DEVELOPMENT**A. Well Information**

Number of well(s): 1

Name of nearest surface water body: unknow & Dairy Creek

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

1) 1/3 mi 2) 1/8 mi Spring on property 3) 4)

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head:

1) -100' to fork of Dairy Creek 2) -120' to Spring on property 3) 4)

B. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to section 4 of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by: See Well log

NOTE: AT ABOUT 90' DEPTH, WATER FLOWED ABOUT 4-10 GAL/MIN OF LOW QUAL. WATER WAS HIT. - WELL WAS CONTINUED UNTIL HIGH QUAL & HIGH FLOW WAS HIT.

Mailing Address: _____

City

State

Zip

G-17305

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. #1. 83191
START CARD # 183666

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Douglas Watson Well Number _____
Name _____
Address 2074 NW Haddock Dr #411
City Hillsboro State OR Zip 97124

(2) TYPE OF WORK ☒ New Well
☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment ☐ Conversion

(3) DRILL METHOD
☐ Rotary Air ☐ Rotary Mud ☒ Cable ☐ Auger ☐ Cable Mud
☐ Other _____

(4) PROPOSED USE
☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other _____

(5) BORE HOLE CONSTRUCTION Special Construction: ☐ Yes ☐ No
Depth of Completed Well 420 ft.
Explosives used: ☐ Yes ☐ No Type _____ Amount _____

BORE HOLE				SEAL			
Diameter	From	To	Material	From	To	Backfill or Poured	
10"	0	30	barite	0	30	26	
6"	30	389	concrete	30	389	4	

How was seal placed: Method ☐ A ☐ B ☐ C ☒ D ☐ E
☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER

Casing	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
6"	1	389	250		☒	☐	☐	☐

Liner: _____

Drive Shoe used ☐ Inside ☒ Outside ☐ None
Final location of shoe(s) 389

(7) PERFORATIONS/SCREENS
☐ Perforations Method _____
☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Telephone	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☒ Bailor ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drift down at	Time
25	195		240

Temperature of water 51° Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes ☐ No By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL (legal description)

County Washington
Tax Lot 500 Lot _____
Township 2N N or S Range 4W E or W WM
Section 13 SE 1/4 NW 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) 19120 Green Mt Rd
Banks Oregon 97106

(10) STATIC WATER LEVEL
125 ft. below land surface. Date 3-2-07

Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES

Depth at which water was first found 391

From	To	Estimated Flow Rate	SWL
391	410	25	125

(12) WELL LOG

Material	From	To	NWI
brown soil	0	2	
green clay	2	8	
red clay	8	102	
red clay - sandstone seams	102	133	
red clay - red rock seams	133	154	
red clay	154	158	
brown clay - sand	158	201	
red clay	201	207	
brown clay	207	255	
brown sandstone	255	308	
green clay	308	315	
gray sandstone	315	325	
gray sandstone	325	383	
gray sandstone	383	420	125

Date Started 1-30-07 Completed 3-2-07

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1430

Date 3-5-07
Signed [Signature]

Completion Date: See Well log

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

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:

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

} 1 household + irrigation of
About 40 Ac.

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WATER RESOURCES UNIT
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	#2 Willamette	Household & Deep Irrigation	10 gpm	480,000 gal/yr	10 gpm

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 10 gal/min *
 (The fees for your application will be based on this amount.)
 * Well could supply 25 gal/min but pump is maxed out @ 10 gal/min.

D. Period of Use

Indicate the time of year you propose to use the water: March 1 - Oct 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, indicate the total number of acres where water will be applied or used: 40+

(This number should be consistent with your application map.)

5. WATER MANAGEMENT**A. Diversion**

What method will you use to divert water from the source?

- ☒ Pump (give horsepower and pump type): 1 HP Injecta Pump for Irrigation @ 10/min
☐ other means (describe): _____

B. Transport

How will you transport water to your place of use?

- ☐ Ditch or canal (give average width and depth):

Width _____ Depth _____

Is the ditch or canal to be lined? ☐ Yes ☐ No

- ☒ Pipe (give diameter and total length):

Diameter 3/4" Length 1000 ft

- ☐ other, describe: _____

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WATER RESOURCES DIV
SALEM, OREGON

C. Application/Distribution Method

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

2 3,000 gal Tanks + 1 1 hp pump + 1,000 ft 3/4" pipe + Drip Irrigation

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 |
|--|--|-------------------------------------|

E. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? Have you considered other methods to transport, apply, distribute or use water? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

No other methods - Drip is the most efficient method

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: Tanks in place now

Proposed date construction will be completed: First phase (15 Acres) 6-1-10 phase 2 is over 10 years for remainder

Proposed date beneficial water use will begin: After Approval

Is this project fully or partially funded by the American Recovery and Reinvestment Act? (Federal stimulus dollars) ☐ Yes ☒ No

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.

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8. MAP REQUIREMENTS

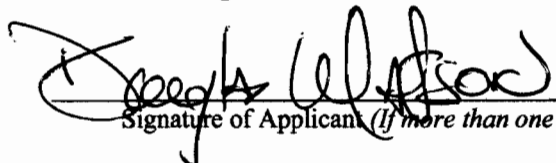
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place 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, I may have to stop using water to allow senior water right holders to get water to which they are entitled.

I swear that all information provided in this application is true and correct to the best of my knowledge:

 Feb 1, 2010
 Signature of Applicant (If more than one applicant, all must sign.) Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.

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WATER RESOURCES DEPT
 SALEM, OR 97304

WRD on the web:
www.wrd.state.or.us



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: _____ 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>Vineyard</u> | ☐ Full season | ☒ Partial season (from: <u>3/1</u> to <u>10/31</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:

1.5 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: 2 To 4 gal/vine/week first 4 years
1 gal/week After 4 years old/vine

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WATER RESOURCES DEPT
Salem, Oregon

G-17305

9
6
11
400

RECORDING REQUESTED BY
FIDELITY NATIONAL TITLE COMPANY OF OREGON

GRANTOR'S NAME
John Berge and Marlene Berge

GRANTEE'S NAME
Doug Watson and Susan Watson

SEND TAX STATEMENTS TO:
Mr. and Mrs. Doug Watson
1265 Altamead Drive
Los Altos, CA 94024

AFTER RECORDING RETURN TO:
Mr. and Mrs. Doug Watson
Same as above

Washington County, Oregon 2005-038471
04/08/2005 03:24:23 PM

D-DW Cnt=1 Stn=22 I REED
\$5.00 \$8.00 \$11.00 \$400.00 - Total = \$422.00



00752853200500384710010010

I, Jerry Hanson, Director of Assessment and Taxation and Ex-Office County Clerk for Washington County, Oregon, do hereby certify that the within instrument of writing was received and recorded in the book of records of said county.

Jerry R. Hanson, Director of Assessment and Taxation, Ex-Office County Clerk



WASHINGTON COUNTY
REAL PROPERTY TRANSFER TAX
\$ 400.00 4-8-05
FEE PAID DATE

SPACE ABOVE THIS LINE FOR RECORDER'S USE

STATUTORY WARRANTY DEED

John R. Berge and Marlene E. Berge, as tenants by the entirety, Grantor, conveys and warrants to

Doug Watson and Susan Watson, Husband and Wife, Grantee, the following described real property, free and clear of encumbrances except as specifically set forth below, situated in the County of Washington, State of Oregon,

The Southwest quarter of the Northwest quarter; and the South 1/2 of the South half of the Southeast quarter of the Northwest quarter, all in Section 13, Township 2 North, Range 4 West, of the Willamette Meridian, in the County of Washington and State of Oregon.

Subject to and excepting:

Covenants, conditions, restrictions and easements of record. Farm tax deferral.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

THE TRUE AND ACTUAL CONSIDERATION FOR THIS CONVEYANCE IS \$399,900.00 (See ORS 93.030)

DATED: March 28, 2005

STATE OF Washington
COUNTY OF KING

John R Berge
John R Berge

Marlene E Berge
Marlene E Berge

This instrument was acknowledged before me on
April 6th 2005
by John R Berge and Marlene E Berge-----

John R. Berge
NOTARY PUBLIC FOR WASHINGTON

RECORDED

FEB 04 2006

WATER RESOURCES DIVISION
CLERK OF COURT

0540006.04.70006450



Oregon Water Resources Department
Land Use Information Form

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FEB 04 2010

WATER RESOURCES DEPARTMENT
SALEM, OREGON

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: Douglas Watson
Mailing Address: 1091 Creeksedge Dr
City: Hillsboro State: OR Zip: 97124 Day Phone: (408) 930-6498
Cell

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 1/4	Tax Lot #	Plan Designation (e.g. Rural Residential/RR-5)	Water to be:			Proposed Land Use:
2N	4W	13	SE NW	500	AF-20	☐ Diverted	☐ Conveyed	☒ Used	Farm
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	

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

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: 20 ☐ 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: WATER USE for Irrigation & Household - Irrigation is drip only
@ 19120 NW GREEN MOUNTAIN Rd, Banks, OR 97106 - 40+ Ac. use

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

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): 201-2.4

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	☐ Being pursued
		☐ Denied	☐ Not being pursued
		☐ Obtained	☐ Being pursued
		☐ Denied	☐ Not being pursued
		☐ Obtained	☐ Being pursued
		☐ Denied	☐ Not being pursued
		☐ Obtained	☐ Being pursued
		☐ Denied	☐ Not being pursued
		☐ Obtained	☐ Being pursued
		☐ Denied	☐ 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: Les Foiles Title: Asst Planner
 Signature: [Signature] Phone: 503-846-3836 Date: 2-2-10
 Government Entity: Washington County

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: _____ RECEIVED

City or County: _____ Staff contact: _____ FEB 04 2010

Signature: _____ Phone: _____ Date: _____ WATER RESOURCES DEPT
SALEM, OREGON