



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

Judy

Applicant: TED MOORE
First Last

Mailing Address: 397 GOSHAWK CT
Redmond OR 97756
City State Zip

Phone: 541-504-4282 408-710-7952
Home Work Other

*Fax: _____

*Email Address: tmoore@deltabiolabs.com

B. Organizations

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

Name of Organization: _____ **RECEIVED**

Name and Title of Person Applying: _____ JUN 05 2009

Mailing Address or Organization: _____ WATER RESOURCES DEPT
 SALEM, OREGON

City State Zip

Phone : _____
Day Evening

*Fax: _____

*Email Address: _____

*Optional

For Department Use

App. No. G-17231

Permit No. _____ Date _____

Last Updated: 3/31/2009

WR

Ground Water/1

2. PROPERTY OWNERSHIP

● 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))

○ 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: Deschutes

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

1) 2320 ft 2) _____ 3) _____ 4) _____

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

1) 87 ft 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) will be constructed by:

Mailing Address: _____

City State Zip

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Completion Date: _____

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**

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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	Deschutes	irrigation	28gpm	4,887.750	25gpm

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 28gpm
(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: 4/1 thru 10/31
(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: 5

(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): 2 horsepower
☐ 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 4" Length 660 ft

- ☐ other, describe: _____

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C. Application/Distribution Method

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

Drip + hand line Combo

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.

Drip lines, small nozzles

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: fall 2009

Proposed date construction will be completed: spring 2010

Proposed date beneficial water use will begin: when permit is issued

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:

Moore Ted M. Moore 5/27/09
 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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WRD on the web:
www.wrd.state.or.us

JUN 05 2009
 WATER RESOURCES DEPT
 SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON

DESC

2091

77C

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APR 14 1981

WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 14512E-174b

State Permit No. G-17231

(1) OWNER:

Name Doyle Moore
Address Star Route
City Redmond State Ore. 97756

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air ☒ Driven ☐
Rotary Mud ☐ Dog ☐
☐ Bored ☐ Thermal: ☐

(4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐
Withdrawal ☐ ReInjection ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒
8" Diam. from +2 ft. to 21 ft. Gauge .250
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? ☐ Yes ☒ No

Type of perforator used

Size of perforations in by in
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name
Type Model No.
Diam. Slot Size Set from ft. to ft.
Diam. Slot Size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? Contractor
15 gal/min. with 0 ft. drawdown after 1 hr.

Air test gal/min. with drill stem at ft. hr.

Bailer test 15 gal/min. with 0 ft. drawdown after 1 hr.

Artesian flow g.p.m.

Temperature of water 53* Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used Cement
Well sealed from land surface to 21 ft.
Diameter of well bore to bottom of seal 12 in.
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 8 sacks
How was cement grout placed? Pressure Grouted

Was pump installed? yes. Type subm. HP 1 1/2 Depth 216 ft.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of Water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Deschutes Driller's well number NE 1/4, SE 1/4, E 1/4, E 1/4,
NW 1/4 SE 1/4 Section 17 T. 14S R. 12E W.M.
Tax Lot # 1905 Lot Blk Subdivision
Address at well location: NW of Odin Falls

(11) WATER LEVEL: Completed well.

Depth at which water was first found 202 ft.
Static level 76 ft. below land surface. Date 3-22-81
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 230 ft. Depth of completed well 230 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Sandy Top Soil	0	3	
Red Cinders	3	14	
Lava	14	49	
Red Cinders	49	80	
Lava	80	84	
Red Cinders- Cemented	84	88	
Brown Sandstone	88	80	
Lava	180	202	
Water-Bear. Brown & Blk Sand	202	230	

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Work started 2-11 19 81 Completed 2-12 19 81
Date well drilling machine moved off of well 2-12 19 81

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
(Signed) William D. Allen Date 2-17, 19 81
(Drilling Machine Operator)

Drilling Machine Operator's License No. 803

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Orvail Buckner Well Drilling, Inc.

(Person, firm or corporation) (Type or print)
Address 1686 N.E. Negus Way, Redmond, Ore. 97756

(Signed) Orvail Buckner
(Water Well Contractor)

Contractor's License No. 608 Date 2-17, 19 81

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*12858-600



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: 5 Acres

Secondary: _____ Acres

List the permit or certificate number of the primary water right: _____

No. _____

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

1. grass hay ☒ Full season ☐ Partial season (from: _____ to _____)

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:

15 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: _____

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WATER RESOURCES DEPT
SALEM, OREGONDESCHUTES COUNTY OFFICIAL RECORDS
NANCY BLANKENSHIP, COUNTY CLERK

2005-81578



\$36.00

00418436200500815780020023

11/28/2005 03:57:52 PM

THIS

D-D Cnt=1 Stn=28 SHIRLEY
\$10.00 \$11.00 \$10.00 \$5.00

After recording return to:
Ted M Moore and Judith M Moore
5000 Hecker Pass
Gilroy, CA 95020

Until a change is requested all tax statements
shall be sent to the following address:
Ted M Moore and Judith M Moore
5000 Hecker Pass
Gilroy, CA 95020

File No.: 7062-714179 (KM)
Date: November 09, 2005

STATUTORY WARRANTY DEED

Jimmy C. Benton and Maria J. Benton, as tenants by the entirety, Grantor, conveys and warrants to **Ted M Moore and Judith M Moore as tenants by the entirety**, Grantee, the following described real property free of liens and encumbrances, except as specifically set forth herein:

Parcel 1 of PARTITION PLAT NO. 2005-12, filed February 11, 2005 and located in the Northeast Quarter of the Southeast Quarter (NE¼ SE¼) of Section 17, Township 14 South, Range 12 East of the Willamette Meridian, Deschutes County, Oregon.

This property is free from liens and encumbrances, EXCEPT:

1. Covenants, conditions, restrictions and/or easements, if any, affecting title, which may appear in the public record, including those shown on any recorded plat or survey.

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 consideration for this conveyance is **\$300,000.00**. (Here comply with requirements of ORS 93.030)

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G-17231

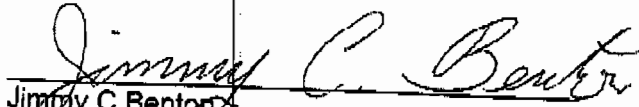
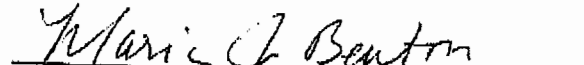
JUN 08 2009

APN: 247263

Statutory Warranty Deed
- continuedWATER RESOURCES DEPT
SALEM, OREGON

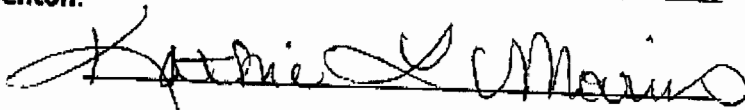
File No.: 7062-714179 (KM)

Date: 11/09/2005

Dated this 18 day of November, 2008
Jimmy C Benton
Maria J Benton

STATE OF Oregon

County of Deschutes

)
)ss.
)This Instrument was acknowledged before me on this 18 day of November, 2008
by **Jimmy C Benton and Maria J Benton.**

Notary Public for Oregon

My commission expires:





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: TED MOORE + JUDITH MOORE
 Mailing Address: 397 Goshawk Ct
 City: Redmond State: Or Zip: 97756 Day Phone: 541-504-4282

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	¼ ¼	Tax Lot #	Plan Designation (e.g. Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>14S</u>	<u>12E</u>	<u>27</u>	<u>NESE</u>	<u>601</u>	<u>EF4</u>	☒ Diverted	☒ Conveyed	☒ Used	
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	
						☐ Diverted	☐ Conveyed	☐ Used	

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

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

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

Estimated quantity of water needed: 28 ☐ 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: 5 acres in pasture for horses

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

X 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): Chapter 18.16, Exclusive Farm Use Zone.

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
		☐ 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.

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SALEM, OREGON

Name: Paul Blikstad Title: Senior Planner
 Signature: Paul Blikstad Phone: 541-388-6554 Date: 6-2-09
 Government Entity: Deschutes 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: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____