

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 <i>Janet Dickinson Russell, TREE, Janet Dickinson Russell Living Trust DTD 1/20/10</i>		PHONE (HM) <i>541-485-1699</i>	
PHONE (WK)	CELL <i>541-729-3507</i>	FAX	
ADDRESS <i>90029 Spina Lane</i>			
CITY <i>Eugene</i>	STATE <i>OR</i>	ZIP <i>97402</i>	E-MAIL <i>jeremy-r@comcast.net</i>

Organization Information

NAME <i>N/A</i>		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 <i>N/A</i>		PHONE		FAX
ADDRESS			CELL	
CITY	STATE	ZIP	E-MAIL	

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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.

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

Janet D. Russell
Applicant Signature

Janet Dickinson Russell, Trustee *3/9/11*
Print Name and title if applicable Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use		
App. No. <u><i>G17453</i></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*).

None

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
8066	unknown, slough tributary to Willamette	1800'	1'

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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*).

Well log enclosed. Note that this well ^{may have} been in use since 1989, by the previous owners.

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.785)

LANE
8066

JUL 14 1989

16S/4W/22
7966

WATER RESOURCES (START CARD)

(1) OWNER: Well Number: 433
Name: GENEVA HARWOOD
Address: 91984 RIVER RD
City: JUNCTION CITY State: OR Zip: 97448

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 39 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL		Amount
Diameter	To	Material	From	sacks or pounds
16"	18	Cement	0	11 Sacks
12"	39		19	

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:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12"	+1	39	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 39 ft.

(7) PERFORATIONS/SCREENS:

Perforations Method TORAH CUT
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
19	38	8x5	250			<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
350+		39 ft	1 hr. 3 hrs

Temperature of water _____ Depth Artesian Flow Found _____
Was a water analysis done? Yes 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 by legal description:
County Lane Latitude _____ Longitude _____
Township 16S N or S, Range 4W E or W, WM.
Section 22 1/4 _____ 1/4 _____
Tax Lot 02401 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 92112 RIVER RD
JUNCTION CITY OR

(10) STATIC WATER LEVEL:
12 ft. below land surface. Date 6/23/89
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 19 ft.

From	To	Estimated Flow Rate	SWL
19	38	350+	12

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Brown Clay	0	11	
Cemented Gravel	11	19	12
Sand & Gravel	19	36	12
Cemented Gravel	36	39	12

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Date started 6/21/89 Completed 6/23/89

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
WVC Number _____
Signed _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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 well construction standards. This report is true to the best of my knowledge and belief.
WVC Number 751
Signed Donald L. Lorenz Date 7/10/89

G-17453

SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Willamette River

Total maximum rate requested: 146 gpm (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.

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)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lane 8066	<input type="checkbox"/>	12"	20'	UNKNOWN	1'	12', 1989	Willamette River	39'	350+	65
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			250 perforations 3/8" x 5'						
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			from 19' to 38'						
	<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"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									

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* 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.

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	May - October	65

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: 26 Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): N/A

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 65

- 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

A. Diversion and Conveyance

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

Pump (give horsepower and type): 5HP submersible pump

Other means (describe): _____

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Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Pump in well, piped to source.

B. Application Method

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

Sprinklers

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.

Night time applications

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: _____

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): N/A

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: N/A

Date construction will be completed: N/A

Date beneficial water use will begin: June 2011

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SECTION 9: REMARKS

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

Existing well, ^{may have} been in use by previous
owners for irrigation since 1989.

G-17453

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

Applicant: Janet First Russell Last

Mailing Address: 90029 Spires Ln.
Eugene City OR State 97402 Zip Daytime Phone: 541-485-1699

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:
16	04	22		2461	E 30	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Row Crop 19 ac.
16	04	22		2300	E 30	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Row Crop 8 ac.
						<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:

Lane County OR

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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: 146 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:

Site contains 27.7 acres of class 1 soil. Our request is to irrigate this land for row crop production. Request 26 acra. Ref: well log Lane 8066 (350 GPM)

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.

G-17453

See bottom of Page 3. →

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): 16.212(3)(a)
- 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
		<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.

For irrigation use on an E-30 zoned property
at TRS 16-04-22 tax lots 2300 & 2401

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Name: Stephanie Schub Title: Associate Planner
 Signature: Stephanie Schub Phone: 541 682-3153 Date: 3/1/11
 Government Entity: Lane 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: _____

G-17453

Exhibit "A"

Real property in the County of Lane, State of Oregon, described as follows:

LOTS 10 AND 11 AND THE EAST 8 1/2 ACRES OF LOT 4, SUBDIVISION OF J. A. BUSHNELL'S FARM, AS PLATTED AND RECORDED IN VOLUME 4, PAGE 5, LANE COUNTY OREGON PLAT RECORDS.

EXCEPTING THEREFROM THE FOLLOWING: A PORTION OF LOT 11 IN THE NORTH HALF OF SECTION 22, TOWNSHIP 16, SOUTH, RANGE 4 WEST OF THE WILLAMETTE MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE SOUTH SIDE OF LOT 11 MARKED BY AN IRON BUGGY AXEL WHICH MARKS THE SOUTHEAST CORNER OF THE E. D. JUDKINS DONATION LAND CLAIM NO. 47, AND THE SOUTHWEST CORNER OF THE THOMAS JUDKINS DONATION LAND CLAIM NO. 48; THENCE NORTH 203.50 FEET; THENCE EAST 244.80 FEET TO THE TRUE POINT OF BEGINNING MARKED BY AN IRON PIPE; THENCE WEST 473.60 FEET TO A POINT MARKED BY AN IRON PIPE; THENCE NORTH 431.90 FEET TO A POINT MARKED BY AN IRON PIPE; THENCE EAST 333.25 FEET TO A POINT MARKED BY AN IRON PIPE; THENCE SOUTH 18° 2' EAST 453.40 FEET ALONG THE WESTERLY BOUNDARY OF RIVER ROAD TO THE TRUE POINT OF BEGINNING, IN LANE COUNTY, OREGON.

NOTE: This Legal Description was created prior to January 01, 2008.

Tax Parcel Number: 0052181 and 0052207 and 4166193 and 4184394

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First American Title

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WATER RESOURCES DEPT
SALEM, OREGON

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

LANE
8066

JUL 14 1989

16S/4W/22
7966

WATER RESOURCES (START CARD)

(1) OWNER: Well Number: **433**
 Name: **GENEVA HARWOOD**
 Address: **91984 RIVER RD**
 City: **JUNCTION CITY** State: **OR** Zip: **97448**

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well **39** ft.
 Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
16"	0	18	Cement	0	19	11 Sacks
12"	18	39				

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:

Diameter	From	To	Gauge	Steel		Plastic		Welded		Threaded	
				Steel	Plastic	Welded	Plastic	Welded	Threaded		
Casing: 12"	1	39	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) **39 ft.**

(7) PERFORATIONS/SCREENS:
 Perforations Method **TORAH CUT**
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
19	39	28x5	250			<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing
 Artesian
 Yield gal/min _____ Drawdown _____ Drill stem at _____ Time _____
350+ _____ **39 ft** **3 hrs**

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes 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 by legal description:
 County **Lane** Latitude _____ Longitude _____
 Township **16S** N or S, Range **4W** E or W, WM.
 Section **22** 1/4 _____ 1/4 _____
 Tax Lot **02401** Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) **92112 RIVER RD**
JUNCTION CITY OR

(10) STATIC WATER LEVEL:
 _____ **12** ft. below land surface. Date **6/23/89**
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found **19 ft.**

From	To	Estimated Flow Rate	SWL
19	38	350+	12

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
Brown Clay	0	11	
Cemented Gravel	11	19	12
Sand & Gravel	19	36	12
Cemented Gravel	36	39	12

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Date started **6/21/89** Completed **6/23/89**

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 WWC Number _____
 Signed _____ Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, 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 well construction standards. This report is true to the best of my knowledge and belief.
 WWC Number **751**
 Signed **Donald L. Lorenz** Date **7/10/89**

G-17453