

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 MIKE & VIRGINA TAYLOR		PHONE (HM)	
PHONE (WK)	CELL		FAX
ADDRESS 33125 CHURCH ROAD			
CITY WARREN	STATE OR	ZIP 97053	E-MAIL*

Organization Information

NAME		PHONE		FAX
ADDRESS				CELL
CITY	STATE	ZIP	E-MAIL*	

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME JOHN SHORT / WATER RIGHT SERVICES, LLC		PHONE 541-389-2837		FAX
ADDRESS PO BOX 1830				CELL
CITY BEND	STATE OR	ZIP 97709	E-MAIL* JOHNSHORT@USA.COM	

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

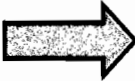
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SEP 23 2013

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.

SALEM, OR

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

Michael Taylor
Applicant Signature

MICHAEL TAYLOR
Print Name and title if applicable

9-20-13
Date

Virginia Taylor
Applicant Signature

VIRGINIA TAYLOR
Print Name and title if applicable

9-20-13
Date

For Department Use		
App. No. <u>G17722</u>	Permit No. _____	Date <u>09-23-13</u>

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

☒ Yes

☐ There are no encumbrances.

☒ This land is encumbered by easements, rights of way, roads or other encumbrances.

☐ No

☐ I have a recorded easement or written authorization permitting access.

☐ I do not currently have written authorization or easement permitting access.

☐ Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).

☐ Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

NA

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.

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
1	UNNAMED TRIBUTARY TO MALHUE SLOUGH	5000'	2'
2	UNNAMED TRIBUTARY TO MALHUE SLOUGH	2000'	2'
3	UNNAMED TRIBUTARY TO MALHUE SLOUGH	4600'	2'

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*).

NA

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: _____

Total maximum rate requested: 4.9 CFS (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)
WELL # 1	☐	☒	HARN 51931	☐	12"		NA	0-85'	15' 4/1/2013	SANDSTONE	260'		
WELL # 2	☐	☒	HARN 51932	☐	12"		NA	0-70'	19' 4/5/2013	SANDSTONE	280'		
WELL # 3	☐	☒	HARN 51883	☐	18"		92-132'	0-75'	27' 9/14/2012	SANDSTONE / GRAVEL	133'		
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

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Revised 2/1/2012

Ground Water/S

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G17722

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
IR	IRRIGATION SEASON	1185 AF

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: 395 Acres Supplemental: NA Acres

List the Permit or Certificate number of the underlying primary water right(s): NA

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 1185 AF

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

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): 40HP OR GREATER TURBINE PUMPS

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. TURBINE PUMPS TO DRIVE PIVOTS / WHEEL LINES DIRECTLY.

B. Application Method

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

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

WATER USE TO OCCUR DURING LOW EVAPORATION TIMES OF DAY.

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*).

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Reservoir name: NA Acreage inundated by reservoir: NA

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Use(s): NA

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

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): NA

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: 8/8/2012

Date construction will be completed: 4/1/2019

Date beneficial water use will begin: 4/1/2014

SECTION 9: WITHIN A DISTRICT

☐ Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

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SEP 28 2012

SALEM CO
WR

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: MIKE

First

TAYLOR

Last

Mailing Address: 33125 CHURCH ROAD

WARREN

City

OR

State

97053 Daytime Phone: _____

Zip

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:
23 S	33 E	8		800	EFRU-2	☒ Diverted ☒ Conveyed ☒ Used	CROPS
		7		800		☒ Diverted ☒ Conveyed ☒ Used	CROPS
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

HARNEY

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: 6.0 ☒ 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:

APPLYING FOR GROUND WATER PERMIT TO IRRIGATE 480 ACRES.

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.

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): HC20-5, 020(1)
- ☐ 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:	
		☐ 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: Brandon McMillen Title: Planning Director (541) 573.6655
 Signature: [Signature] Phone: _____ Date: 9/17/2013
 Government Entity: Harney 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: _____

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LEGAL DESCRIPTION

WEST 1/2 OF SECTION 8, T23S, R33E, WM
EAST 1/2 OF SE 1/4, SECTION 7, T23S, R33E, WM

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SALEM, OR

G17722

1019386

ORIGINAL LOG #

G17722

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

Well #3
HARNEY 18883

WELL I.D. LABEL# L 96849
START CARD # 1017348
ORIGINAL LOG #

Page 1 of 1

9/28/2012

(1) LAND OWNER

Owner Well I.D. _____
First Name GENE Last Name HUGHES
Company _____
Address 70732 PENNY LANE
City BURNS State OR Zip 97720

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion
☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Dia + From To Gauge Stil Plstc Wld Thrd
Casing: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Material From To Amt sacks/lbs
Seal: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Depth of Completed Well 133.00 ft. Special Standard ☐ (Attach copy)

BORE HOLE				SEAL			
Dia	From	To	Material	From	To	Amt	sacks/lbs
22	0	75	Bentonite Chips	0	41	92	S
18	75	133	Cement	41	75	37	S

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☒ Other POURED BENT CHIPS

Backfill placed from: _____ ft. to _____ ft. Material _____
Filter pack from: 0 ft. to 132 ft. Material SAND Size 8/12

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stil	Plstc	Wld	Thrd
☒	☒	18		1	77	.250	☒	☒	☒	☒
☒	☒	12		1	92	.250	☒	☒	☒	☒

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____

Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type <u>pipesize</u>					Material <u>Stainless Steel</u>			
Perf/	Casing/	Screen			Scr/slot	Slot	# of	Tele/
Screen	Liner	Dia	From	To	width	length	slots	pipe size
Screen	Casing	12	92	132	.025			12

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
300		75	2

Temperature 52 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County HARNEY Twp 23.00 S N/S Range 33.00 E E/W WM
Sec 5 SE 1/4 of the SE 1/4 Tax Lot 800
Tax Map Number _____ Lot _____
Lat _____ " or 43.59442800 DMS or DD
Long _____ " or -118.66906600 DMS or DD
☒ Street address of well ☐ Nearest address

70732 PENNY LANE, BURNS, OR 97720

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL (psi)	+ SWL (ft)
Completed Well	9/14/2012		27

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 80

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
9/14/2012	80	132	300		27

(11) WELL LOG

Ground Elevation 4123.00

Material	From	To
top soil	0	1
brown sandy clay	1	7
brown clay	7	19
darker brown clay	19	75
soft sandy clay	75	80
sand stone	80	85
soft sand, black	85	110
sand & gravel, some gravel	110	126
gravel	126	132
blue clay	132	133

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OCT 22 2012

SEP 23 2013

SALEM, OR

SALEM, OR

Date Started 8/8/2012

Complete 9/14/2012

(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.

License 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.

License Number 1899

Date 9/28/2012

Signed SAM P KINGREY (E-filed)

Contact info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

G17722