

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 JOHN MOON III & SUZANNE MOON TTEE'S			PHONE (HM)
PHONE (WK)	CELL		FAX
ADDRESS 50629 ALTNOW BEULAH LANE			
CITY DREWSEY	STATE OR	ZIP 97904	E-MAIL*

RECEIVED BY OWRD

Organization Information

NAME JSM TRUST			PHONE	FAX OCT 21 2013
ADDRESS 50629 ALTNOW BEULAH LANE			CELL SALEM, OR	
CITY DREWSEY	STATE OR	ZIP 97904	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	

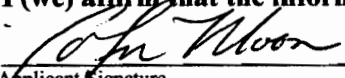
Note: Attach multiple copies as needed

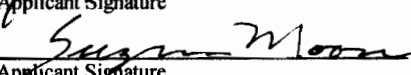
* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

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.

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


Applicant Signature


Applicant Signature

John Moon
Print Name and title if applicable

SUZANNE MOON
Print Name and title if applicable

10-10-13
Date

10/7/2013
Date

For Department Use		
App. No. <u>G17728</u>	Permit No. _____	Date _____
Revised 2/17/2012 Ground Water/3 WR		

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.

RECEIVED BY OWRD

Yes

- There are no encumbrances.
- This land is encumbered by easements, rights of way, roads or other encumbrances.

OCT 21 2013

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.

SALEM, OR

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
WELL #1	ALTNOW RESERVOIR	1600'	0'
WELL #2	WARM SPRINGS CREEK	2200'	25'

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*).

NO KNOWN WELL LOG FOR WELL #1. IT IS BELIEVED TO HAVE BEEN DRILLED IN 1940's, IS 8" CASING AND FLOWS APPROXIMATELY 400 GPM ARTESIAN. WELL #1 ALSO POA FOR CERT 26367, PERMITS G-11293 & G-12844.

SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: _____

Total maximum rate requested: 1.6 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)
WELL #1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NA	<input checked="" type="checkbox"/>	8"				NA			
WELL #2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	L-96826	<input checked="" type="checkbox"/>	14"		OPEN END		NA	FRACTURED BLACK BASALT	504	
	<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"/>								
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>								
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>								

* 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.

OCT 21 2013

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
IR	MARCH 1 - OCTOBER 31	3.0 AF / AC
IS	MARCH 1 - OCTOBER 31	3.0 AF / AC

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: 65.2 Acres Supplemental: 62.7 Acres
 List the Permit or Certificate number of the underlying primary water right(s): 6847
 Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 3.0 AF / AC

- 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

RECEIVED BY OWRD

A. Diversion and Conveyance

OCT 21 2013

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

Pump (give horsepower and type): 7.5 HP TURBINE PUMPS IN EACH WELL.

SALEM, OR

Other means (describe): 25 HP BOOSTER PUMP

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. PUMPS IN EXISTING ARTESIAN WELLS FEED PIVOTS EITHER DIRECTLY OR THROUGH BOOSTER PUMP BY WAY OF BURIED PIPELINES. BURIED LINES ALSO FEED GATED PIPES AND FLOOD IRRIGATION DITCHES.

B. Application Method

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

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.

THIS PROJECT REPLACES INEFFICIENT FLOOD IRRIGATION WITH PROGRAMMABLE PIVOTS FOR SPRINKLER FLOW AND TIME CONTROL MINIMIZING EVAPORATION.

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: NA Acreage inundated by reservoir: NA

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): _____

USE OF STORED GROUND WATER	PERIOD OF USE
NA	

SECTION 8: PROJECT SCHEDULE

Date construction will begin: 2009

Date construction will be completed: 2018

Date beneficial water use will begin: 2014

RECEIVED BY OWRD

OCT 21 2013

SALEM, OR

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 OTIS VALLEY IRRIGATION COMPANY, INC	Address PO BOX 2234	
City DREWSEY	State OR	Zip 97904

SECTION 10: REMARKS

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

NA

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

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

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) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

RECEIVED BY OWRC

OCT 21 2013

SALEM, OR

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: JOHN SHORT / WATER RIGHT SERVICES, LLC

First

Last

Mailing Address: PO BOX 1830

BEND

City

OR

State

97709

Zip

Daytime Phone: 541-389-2837

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:
20S	36E	4	ALL	500	EFRU-1	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	CROPS
						<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:

HARNEY COUNTY	RECEIVED BY GWRD OCT 21 2013
---------------	-------------------------------------

SALEM, OR

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: 1.6 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 ADDITIONAL GROUND WATER TO MORE FULLY IRRIGATE PRODUCTIVE AREAS.

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.

See bottom of next page. →

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): 420.3.010
- 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

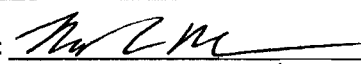
Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

RECEIVED BY OWRD

OCT 21 2013

SALEM, OR

Name: Brandon McMillan Title: Planning Director

Signature:  Phone: 541.573.6655 Date: 8/28/2013

Government Entity: Harris 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: _____

HARN 51556

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 96826

START CARD # W199435

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

(1) LAND OWNER Owner Well I.D.

First Name Last Name Company Cotton Wood Creek Ranch Address 50629 Altman Bula Lane City Drewsey State OR Zip 97904

(2) TYPE OF WORK [X] New Well [] Deepening [] Conversion [] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD [X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud [] Reverse Rotary [] Other

(4) PROPOSED USE [] Domestic [X] Irrigation [] Community [] Industrial/Commercial [] Livestock [] Dewatering [] Injection [] Thermal [] Other

(5) BORE HOLE CONSTRUCTION Special Standard: [] Yes (attach copy) Depth of Completed Well 506 ft.

Table with columns: BORE HOLE (Dia, From, To), SEAL (Material, From, To), Amount, Scks/lbs. Includes entries for Bentonite and Cement.

How was seal placed: Method [] A [] B [X] C [] D [] E [] Other

Backfill placed from ft. to ft. Material Filter pack from ft. to ft. Material Size Explosives used: [] Yes Type Amount

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, From, To, Gauge, Steel, Plastic, Welded, Thrd. Includes entry for 14" dia casing.

Shoe [] Inside [] Outside [X] Other Location of shoe(s) No Shoe Temporary casing [] Yes Diameter From To

(7) PERFORATIONS/SCREENS

Perforations Method open end Screens Type Material

Table with columns: Perf, Screen, Casing, Liner, Dia, From, To, Screen/slot width, Slot length, # of slots, Tele/pipe size. Includes a 'RECEIVED BY OWRD' stamp.

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

[] Pump [] Bailer [] Air [X] Flowing Artesian Yield gal/min 600+ Drawdown 0 Drill stem/Pump depth Artesian Duration (hr) 1300 6' 63' 10 hrs

Temperature 66 °F Lab analysis [] Yes By Water quality (describe below) From To Description APR 27 2009 Units

(9) LOCATION OF WELL (legal description)

County Harney Twp 20 N of Range 36 W of W.M. Sec 4 NE 1/4 of the NW 1/4 Tax Lot 500 Tax Map Number Lot 500 Lat 43° 51' 56.9" or DMS or DD Long 118° 17' 55.8" or DMS or DD Street Address of Well (or nearest address) same

(10) STATIC WATER LEVEL

Table with columns: Date, SWL (psi), SWL (ft). Includes entry for 4.02.09 at 2 PSI.

Flowing Artesian? [X] Yes Dry Hole? [] Yes WATER BEARING ZONES Depth water was first found 10'

Table with columns: SWL Date, From, To, Est Flow, SWL (psi), SWL (ft). Includes entries for 3-17, 3-18, and 4-2.

(11) WELL LOG

Table with columns: Material, From, To. Lists layers like Top Soil, Brown sticky clay, Coarse Sand & Gravel, Brown Clay, Green Clay, etc.

Date Started 3-17-09 Completed 4-02-09

(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 1896 Date 4-10-09 Signed Tony Clabett

(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 4-10-09 Signed [Signature] Contact Info. (optional)

G17728

EXHIBIT "A"

Land in Harney County, Oregon, as follows:

In Twp. 20 S., R. 36 E., W.M.:

• Sec. 3: W $\frac{1}{2}$ SW $\frac{1}{4}$.

• Sec. 4: Lots 1, 2, 3 and 4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$. SAVE & EXCEPT a tract of land situated within the SE $\frac{1}{4}$ NE $\frac{1}{4}$ more particularly described as follows:

Beginning at a point bearing S. 01°36'53" W. 2129.40 feet from the Northeast corner of Sec. 4;

thence S. 00°00' W. 60.0 feet;

thence S. 90°00' E. 60.0 feet, more or less, to the East boundary of Sec. 4;

thence northerly along the East boundary of Sec. 4, 60.0 feet to a point bearing S. 90°00' E. from the point of beginning;

thence N. 90°00' W. 60.0 feet, more or less, to the point of beginning.

• Sec. 9: E $\frac{1}{2}$ E $\frac{1}{2}$.

• Sec. 10: All

• Sec. 11: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$.

• Sec. 12: E $\frac{1}{2}$.

• Sec. 13: N $\frac{1}{2}$ NE $\frac{1}{4}$.

• Sec. 14: SW $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$.

• Sec. 15: All

• Sec. 22: N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$.

• Sec. 23: W $\frac{1}{2}$ W $\frac{1}{2}$.

RECEIVED BY OWRD

OCT 21 2013

SALEM, OR

G17728