

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 MATT MCELLIGOTT		PHONE (HM)	
PHONE (WK)	CELL 541-805-8210	FAX	
ADDRESS 49026 HWY 30			
CITY NORTH POWDER	STATE OR	ZIP 97867	E-MAIL* LMLIVESTOCK@WILDBLUE.NET

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 TYRELL MONTER/ BROWNE CONSULTING LLC		PHONE 541-523-5170	FAX 541-523-5170
ADDRESS 50809 ELLIS ROAD			CELL
CITY NORTH POWDER	STATE OR	ZIP 97867	E-MAIL* TYRELL@BROWNECONSULTING.BIZ

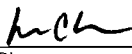
Note: Attach multiple copies as needed

* 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

Matthew C. McElligott
Print Name and title if applicable

10-25-12
Date

Applicant Signature

Print Name and title if applicable

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For Department Use			JAN 02 2014
App. No. 6-17748	Permit No.	Date	SALEM, OR

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*).

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	Warm Springs Creek		
Well Option 2	Warm Springs Creek		

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 1 is about 1.5 miles from the nearest surface water and Well Option 2 is about 1.25 miles from the nearest surface water. The applicant is trying to receive enough water to move from flood irrigation to a pivot irrigation system.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Bedrock Ground Water

Total maximum rate requested: 4.5 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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	10-12	12" 0-200 10" 180-375	200-375	0-20 180-200	NA	Bedrock Ground Water Reservoir	375	1010	1810
Well Option 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	10-12	12" 0-200 10" 180-375	200-375	0-20 180-200	NA	Bedrock Ground Water Reservoir	375	1010	1810
	<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.

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 through October 31	1810
Irrigation	March 1 through October 31	1810

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: _____ Acres Supplemental: 140 Acres

List the Permit or Certificate number of the underlying primary water right(s): 83766

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 1810 per well

- 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

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A. Diversion and Conveyance

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

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Pump (give horsepower and type): 75hp – 100hp, depending on lift.

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Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. The conveyance of water will come from the well and sent to a pumping facility and then will be pumped through a main line that will feed either a wheel line irrigation system or a circle pivot irrigation system.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)
The equipment planed on being used is wheel lines, hand lines and center pivot irrigation circle. Do to the shape of the land, different methods will be required to water all areas.

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.

The primary water right runs out very early in the year and no other way to grow a crop. To prevent waste, efficient nozzles are the most effective for hand lines and wheel lines while having a center pivot is the most efficient system in the basin. The monitoring of water will be set by WRD standards but if both wells are needed to reach the requested amount of water the applicant would like to put in one meter for both wells coming out of the same aquifer. The areas of the well locations are away from any surface water and shouldn't damage any aquatic life, riparian habitat or cause contaminated water to enter a stream.

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):

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):

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: Permit issuance to 5 years

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Date construction will be completed: To be determined

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Date beneficial water use will begin: Within 5 years of permit issuance or when well is complete.

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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 Powder Valley Water Control District	Address PO Box 189/690 E Street	
City North Powder	State OR	Zip 97867

SECTION 10: REMARKS

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

The applicant is proposing two (2) well locations to supply supplemental water to 140 acres. From these two wells, the applicant is looking to receive enough water to be able to use a center pivot irrigation system that will take up to 700-1200 GPM. The applicant is looking to move from flood irrigation, current irrigation method, to wheel line irrigation system and center pivot irrigation system. The water situation has moved the applicant into this next step (applying for ground water) since this year, 2012; the water for irrigation ran out by the end of June.

The applicant will be using a pumping facility. The pumping facility will allow the applicant to pump water from his primary right and water from the ground water from one station. The pumping station will be setup to hold a certain amount of water to be able to pump to irrigation systems but will not be storing water outside of irrigation season.

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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: Mathew

First

McElligott

Last

Mailing Address: 49026 HWY 30

North Powder

City

OR

State

97867

Zip

Daytime Phone: 541-805-8210

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:
7S	39E	3	NWSW	700	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	IRR
7S	39E	3		700	EFU	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	IRR
7S	39E	4	SENE	700	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	IRR
7S	39E	4		700	EFU	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	IRR

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

BAKER COUNTY

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: 4.5
 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:

New Application for 2 new wells on TL 700 to be used for supplemental irrigation.

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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 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): 301.01
- 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.

The proposed wells on Tr 700 are used for supplemental irrigation, a permitted agricultural use.

Name: Tara L. Andrews Title: Planner

Signature: Tara L. Andrews Phone: 541-523-8219 Date: 10/19/12

Government Entity: Baker County Planning

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.

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Receipt for Request for Land Use Information

Applicant name: _____ SALEM, OR

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

EXHIBIT "A"

A tract of land situate in the West half of Section 3, the South half of the Northeast quarter, and the Northeast quarter of the Southeast quarter of Section 4, in Township 7 South, Range 39 East of the Willamette Meridian, County of Baker and State of Oregon, more particularly described as follows:

Beginning at the South quarter corner of said Section 3;
 thence North $0^{\circ}12'43''$ West along the East line of the Southwest quarter of said Section 3, a distance of 1151.77 feet;
 thence South $89^{\circ}47'17''$ West a distance of 40.00 feet to the West right of way line of U.S. Highway No. 30 (Old Oregon Trail Highway), and the TRUE POINT OF BEGINNING;
 thence North $24^{\circ}10'33''$ West 722.39 feet;
 thence North $51^{\circ}03'10''$ West 590.24 feet;
 thence North $79^{\circ}14'59''$ West 655.26 feet;
 thence South $72^{\circ}17'53''$ West 592.86 feet;
 thence South $89^{\circ}32'20''$ West 658.34 feet;
 thence North $5^{\circ}38'37''$ West 286.94 feet to an iron pin;
 thence North $12^{\circ}09'00''$ West 588.46 feet (formerly described as 588.39 feet) to an iron pin;
 thence North $31^{\circ}37'21''$ West (formerly described as North $31^{\circ}39'00''$ West) 25.04 feet to an iron pin;
 thence North $62^{\circ}51'57''$ West 560.69 feet (formerly described as North $62^{\circ}52'06''$ West 560.66 feet) to an iron pin;
 thence North $48^{\circ}51'02''$ West 722.11 feet (formerly described as North $48^{\circ}51'24''$ West 722.07 feet) to an iron pin;
 thence North $73^{\circ}29'05''$ West 382.06 feet;
 thence North $14^{\circ}26'14''$ West 187.78 feet (formerly described as North $14^{\circ}28'46''$ West 187.86 feet) to an iron pin;
 thence South $89^{\circ}28'07''$ East 3969.55 feet (formerly described as South $89^{\circ}31'52''$ East 3978.69 feet) to an iron pin;
 thence North $1^{\circ}17'43''$ West 178.86 feet (formerly described as North $1^{\circ}19'00''$ West 178.89 feet) to an iron pin;
 thence North $55^{\circ}01'33''$ East (formerly described as North $55^{\circ}00'30''$ East) 324.54 feet to an iron pin located South $2^{\circ}02'18''$ West 1011.02 feet from the North quarter corner of said Section 3;
 thence South $00^{\circ}06'20''$ East 3182.18 feet more or less, to the true point of beginning.

(The bearings and distances herein are based on Bagett, Griffith & Blackman survey, Lot Line Adjustment No. PLA 99-04.)

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