



Oregon Water Resources Department
Ground Water Application

- [Main](#)
- [Help](#)
- [Return](#)
- [Contact Us](#)

Today's Date: Friday, November 16, 2018

| | | |
|---|-------------|------------|
| Base Application Fee. | | \$1,340.00 |
| Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute) | .2 | \$350.00 |
| Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) * | 1 | |
| Number of proposed Ground Water points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) ** | 1 | |
| Permit Recording Fee. *** | | \$520.00 |
| * the 1st Water Use is included in the base cost. ** the 1st Ground Water point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed. | Recalculate | |
| Estimated cost of Permit Application | | \$2,210.00 |

OWRD Fee Schedule

| |
|----------------------------------|
| |
| Fee Calculator Version B20170117 |

G-18763

Application for a Permit to Use Groundwater



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
503-986-0900
www.oregon.gov/OWRD

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

| | | | |
|--|------------------------|--------------|---------------------------------------|
| NAME BRIAN D. AND KERRI A. ARNZEN | | | PHONE (HM) |
| PHONE (WK) | CELL (503) 551-0795 | | FAX |
| ADDRESS 8466 75 TH AVE. NE | | | |
| CITY SALEM | STATE OR | ZIP 97305 | E-MAIL* ARNZENELECTRIC@HOTMAIL.COM |

Organization

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

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

| | | | | |
|--|-------------|--------------|---|-----|
| AGENT / BUSINESS NAME WILLIAM E. MCGILL, CWRE | | | PHONE | FAX |
| ADDRESS 15333 PLETZER RD. SE | | | CELL (503) 510-3026 | |
| CITY TURNER | STATE OR | ZIP 97392 | E-MAIL* WILLMCGILL.SURVEYING@GMAIL.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 proposed and final order documents will also be mailed.)

RECEIVED

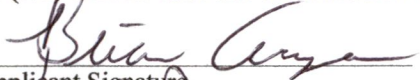
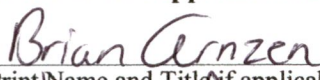
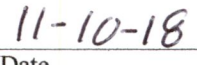
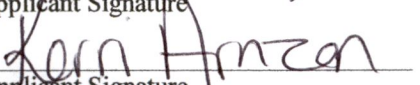
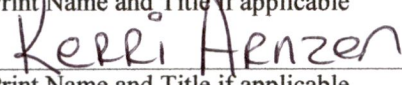
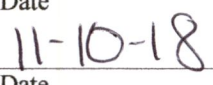
NOV 16 2018

OWRD

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 | Print Name and Title if applicable | Date |
|  |  |  |
| Applicant Signature | Print Name and Title if applicable | 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.
- YES, the land is encumbered by easements, rights of way, roads or other encumbrances.
- NO, I have a recorded easement or written authorization permitting access.
- NO, I do not currently have written authorization or easement permitting access.
- NO, 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).
- NO, because water is to be diverted, conveyed, and/or used only on federal lands.

Affected Landowners:List the names and mailing addresses of all owners of any lands that are not owned by the applicant and that are crossed by the proposed ditch, canal or other work, even if the applicant has obtained written authorization or an easement from the owner. *(Attach additional sheets if necessary).*

Legal Description: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 |
| POA 1 | LITTLE PUDDING RIVER | 1900' | 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).*

RECEIVED
NOV 16 2018
OWRD

G-1823

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 0.20 CFS (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the 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 to obtain the necessary information.

| 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) |
| POA 1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | MARI 65642 | <input type="checkbox"/> | 8" | +1.33'-132' | NONE SHOWN | 0'-36' | 19' 2-26-2015 | SAND AND GRAVEL | 132 | 115 | 40.65 |
| | <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"/> | | | | | | | | | |
| | <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.

RECEIVED
NOV 16 2018
OWRD

For Department Use: App. Number: _____

SECTION 4: SENSITIVE, THREATENED OR ENDANGERED FISH SPECIES PUBLIC INTEREST INFORMATION

This information must be provided for your application to be accepted as complete. The Water Resources Department will determine whether the proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened or endangered fish species if your proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters.

To answer the following questions, use the map provided in [Attachment 3](#) or the link below to determine whether the proposed point of appropriation (POA) is located in an area where the Upper Columbia, the Lower Columbia, and/or the Statewide public interest rules apply.

For more detailed information, click on the following link and enter the TRSQQ or the Lat/Long of a POA and click on "Submit" to retrieve a report that will show which section, if any, of the rules apply:

https://apps.wrd.state.or.us/apps/misc/lkp_trsqq_features/

If you need help to determine in which area the proposed POA is located, please call the customer service desk at (503) 986-0801.

Upper Columbia - OAR 690-033-0115 thru -0130

Is the well or proposed well located in an area where the Upper Columbia Rules apply?

Yes No

If yes, you are notified that the Water Resources Department will consult with numerous federal, state, local and tribal governmental entities so it may determine whether the proposed use is consistent with the "Columbia River Basin Fish and Wildlife Program" adopted by the Northwest Power Planning Council in 1994 for the protection and recovery of listed fish species. The application may be denied, heavily conditioned, or if appropriate, mitigation for impacts may be needed to obtain approval for the proposed use.

If yes, and if the Department determines that proposed groundwater use has the potential for substantial interference with nearby surface waters:

- I understand that the permit, if issued, will not allow use during the time period April 15 to September 30, except as provided in OAR 690-033-0140.
- I understand that the Department of Environmental Quality will review my application to determine if the proposed use complies with existing state and federal water quality standards.
- I understand that I will install and maintain water use measurement and recording devices as required by the Water Resources Department, and comply with recording and reporting permit condition requirements.

RECEIVED

NOV 16 2018

OWRD

Lower Columbia - OAR 690-033-0220 thru -0230

Is the well or proposed well located in an area where the Lower Columbia rules apply?

Yes No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine, by reviewing recovery plans, the Columbia River Basin Fish and Wildlife Program, and regional restoration programs applicable to threatened or endangered fish species, in coordination with state and federal agencies, as

appropriate, whether the proposed use is detrimental to the protection or recovery of a threatened or endangered fish species and whether the use can be conditioned or mitigated to avoid the detriment.

If a permit is issued, it will likely contain conditions to ensure the water use complies with existing state and federal water quality standards; and water use measurement, recording and reporting required by the Water Resources Department. The application may be denied, or if appropriate, mitigation for impacts may be needed to obtain approval of the proposed use.

If yes, you will be required to provide the following information, if applicable.

Yes No The proposed use is for more than **one** cubic foot per second (448.8 gpm) and is not subject to the requirements of OAR 690, Division 86 (Water Management and Conservation Plans).

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:

Statewide - OAR 690-033-0330 thru -0340

Is the well or proposed well located in an area where the Statewide rules apply?

Yes No

If yes, and the proposed groundwater use is determined to have the potential for substantial interference with nearby surface waters you are notified that the Water Resources Department will determine whether the proposed use will occur in an area where endangered, threatened or sensitive fish species are located. If so, the Water Resources Department, Department of Fish and Wildlife, Department of Environmental Quality, and the Department of Agriculture will recommend conditions required to achieve “no loss of essential habitat of threatened and endangered (T&E) fish species,” or “no net loss of essential habitat of sensitive (S) fish species.” If conditions cannot be identified that meet the standards of no loss of essential T E fish habitat or no net loss of essential S fish habitat, the agencies will recommend denial of the application unless they conclude that the proposed use would not harm the species.

SECTION 5: WATER USE

| USE | PERIOD OF USE | ANNUAL VOLUME (ACRE-FEET) |
|------------|----------------------|---------------------------|
| Irrigation | March 1 – October 31 | 40.65 |
| | | |
| | | |

RECEIVED
NOV 16 2018

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 16.26 Acres Supplemental: 0 Acres

If you listed supplemental acres, list the Permit or Certificate number of the underlying primary water right(s):

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 40.65

OWRD

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____ (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.)

- If the use is **mining**, describe what is being mined and the method(s) of extraction(*attach additional sheets if necessary*): _____

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

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

- Pump (give horsepower and type): 15 HP Submersible
 Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Water will be pumped from the existing well by a 15 HP submersible pump and delivered to the place of use through 4" PVC buried mainline.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)(*attach additional sheets if necessary*)
Water will be applied to the place of use by wheel line.

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(*attach additional sheets if necessary*).

The amount of water requested is the standard rate for crop irrigation. The system will be equipped with a measuring device and care will be taken to keep the system in good operating condition to avoid any adverse impacts.

SECTION 7: PROJECT SCHEDULE

- Date construction will begin: This is an existing system.
- Date construction will be completed: Request the standard 5 years for completion to make needed alterations to system.
- Date beneficial water use will begin: As soon as permit is issued.

RECEIVED
NOV 16 2018

SECTION 8: RESOURCE PROTECTION

OWRD

In granting permission to use water the state encourages, and in some instances requires, careful control of activities that may affect adjacent waterway or streamside area. See instruction guide for a list of possible permit requirements from other agencies. Please indicate any of the practices you plan to undertake to protect water resources.

- Water quality will be protected by preventing erosion and run-off of waste or chemical products.
 Describe: Care will be taken in operating the system and the system will be kept in good operating condition.
- Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.
 Describe planned actions and additional permits required for project implementation: No clearing will be required so no permit needed.

Other state and federal permits or contracts required and to be obtained, if a water right permit is granted:
List: _____

SECTION 9: WITHIN A DISTRICT

Check here if the point of appropriation (POA) or place of use (POU) 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*).

Existing well MARI 65642 was originally constructed for domestic use and now it is proposed to add irrigation as a use on this well.

RECEIVED
NOV 16 2018
OWRD

This page left intentionally blank.

RECEIVED
NOV 16 2018
OWRD

618763

Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.140)

Include this checklist with the application

Check that each of the following items is included. The application will be returned if all required items are not included. If you have questions, please call the Water Rights Customer Service Group at (503) 986-0900.

Please submit the original application and signatures to the Water Resources Department. Applicants are encouraged to keep a copy of the completed application.

- SECTION 1: Applicant Information and Signature
- SECTION 2: Property Ownership
- SECTION 3: Well Development
- SECTION 4: Sensitive, Threatened or Endangered Fish Species Public Interest Information
- SECTION 5: Water Use
- SECTION 6: Water Management
- SECTION 7: Project Schedule
- SECTION 8: Resource Protection
- SECTION 9: Within a District
- SECTION 10: Remarks

Include the following additional items:

- Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt.
- 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.
- Fees - Amount enclosed: \$2,210
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.
- Map that includes the following items:
 - Permanent quality and drawn in ink
 - Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
 - North Directional Symbol
 - Township, Range, Section, Quarter/Quarter, Tax Lots
 - Reference corner on map
 - Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
 - Indicate the area of use by Quarter/Quarter and taxlot identified clearly.
 - Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
 - Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)

RECEIVED

NOV 16 2018

OWRD

Note: In addition to a groundwater application, a standard reservoir application is required to store groundwater in a reservoir. If an applicant proposes to divert water from a reservoir, a surface water application is also required.

Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050. The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$260. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives [public notice](#) of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$410.00 for the applicant and \$810.00 for non-applicants. Protests are filed on approximately 10 percent of Proposed Final Orders. If a protest is filed the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department can issue a Final Order within 60 days of the close of the period for receiving protest. If the application is approved, a permit is issued. The permit specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate

RECEIVED

NOV 16 2018

OWRD

G-18763

Land Use Information Form



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
503-986-0900
www.oregon.gov/OWRD

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 groundwater 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

NOV 16 2018

OWRD

Land Use Information Form



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 503-986-0900
 www.oregon.gov/OWRD

Applicant

| | | | | | |
|--|--|------------------------|--------------|---------------------------------------|--|
| NAME BRIAN D. AND KERRI A. ARNZEN | | | PHONE (HM) | | |
| PHONE (WK) | | CELL (503) 551-0795 | | FAX | |
| ADDRESS 8466 75 TH AVE. NE | | | | | |
| CITY SALEM | | STATE OR | ZIP 97305 | E-MAIL* ARNZENELECTRIC@HOTMAIL.COM | |

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: |
|----------|-------|---------|------|-----------|---|--|-----------------------------------|--|--------------------|
| 6S | 2W | 22 | NENE | 400 | EFU | <input checked="" type="checkbox"/> Diverted | <input type="checkbox"/> Conveyed | <input checked="" type="checkbox"/> Used | Farming |
| | | | | | | <input type="checkbox"/> Diverted | <input type="checkbox"/> Conveyed | <input type="checkbox"/> Used | |
| | | | | | | <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:

Marion 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 Groundwater Registration Modification
- Limited Water Use License
- Allocation of Conserved Water
- Exchange of Water

Source of water: Reservoir/Pond Groundwater Surface Water (name)_____


Estimated quantity of water needed: 0.20 cubic feet per second gallons per minute acre-feet

Intended use of water: Irrigation Commercial Industrial Domestic for 1 household(s)
 Municipal Quasi-Municipal Instream Other_____

Briefly describe:

Existing well MARI 65642 was originally constructed for domestic use and now it is proposed to add irrigation as a use on this well.

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.


RECEIVED
 NOV 16 2018
OWRD

G-18763

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): MCC 17.136
- 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.

| | |
|--|--|
| NAME <u>LISA MILLIMAN</u> | TITLE: <u>ASSOCIATE PLANNER</u> |
| SIGNATURE <u>Lisa Milliman</u> | PHONE: <u>5035885038</u> DATE: <u>1/9/18</u> |
| GOVERNMENT ENTITY <u>MARION COUNTY</u> | |

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

RECEIVED

NOV 16 2018

OWRD

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

This page left intentionally blank.

RECEIVED
NOV 16 2018
OWRD

G-10963

AMERICAN LEGAL SYSTEM

NN

Cravens Estate

First Party's Name and Address
Arzen

Second Party's Name and Address

After recording, return to (Name, Address, Zip):
Brian & Kerri Arzen
8466 75th Avenue NE
Salem, OR 97305

Until requested otherwise, send all tax statements to (Name, Address, Zip):
Same as above

REEL PAGE
STATE 2118 488
County of _____ ss.

I certify that the within instrument was received for recording on _____, at _____ o'clock _____ M., and recorded in book/reel/volume No. _____ on page _____ and/or as fee/file/instrument/microfilm/reception No. _____, Records of this County.

SPACE RESERVED FOR RECORDER'S USE

Witness my hand and seal of County affixed.

NAME TITLE
By _____, Deputy.

PERSONAL REPRESENTATIVE'S DEED

THIS INDENTURE dated May 7, 2003, by and between TAMMY NICHOLS, the duly appointed, qualified and acting personal representative of the estate of MICHAEL J. CRAVENS, deceased, hereinafter called the first party, and BRIAN D. ARNZEN and KERRI A. ARNZEN, as tenants by the entirety, hereinafter called the second party; WITNESSETH:

For value received and the consideration hereinafter stated, the first party has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto the second party and second party's heirs, successors and assigns all the estate, right and interest of the deceased, whether acquired by operation of the law or otherwise, in that certain real property situated in the County of Marion, State of Oregon, described as follows, to-wit:

See attached Exhibit "A"

RECEIVED
NOV 16 2018
OWRD

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE)

TO HAVE AND TO HOLD the same unto the second party, and second party's heirs, successors-in-interest and assigns forever.

The true and actual consideration paid for this transfer, stated in terms of dollars, is \$ 236,000.00 ~~714,000.00~~. ~~The actual consideration consists of or includes other property or value given or promised which is [] part of the [] the whole (indicate which) consideration. (The reference between the symbols ? if not applicable, should be deleted. See ORS 92.0700)~~

IN WITNESS WHEREOF, the first party has executed this instrument; if first party is a corporation, it has caused its name to be signed and its seal, if any, affixed by an officer or other person duly authorized to do so by order of its board of directors.

Tammy Nichols Pers Rep.
Tammy Nichols

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.

Personal Representative

STATE OF OREGON, County of marion ss.
This instrument was acknowledged before me on _____
by _____
This instrument was acknowledged before me on May 7, 2003

MAY 09 2003

Exhibit 'A'

The North one-half of Lots 3, 4, 5 and 6, Labish Logan Lands, Marion County, Oregon. (See Volume 8, Page 102, Record of Town Plats for said County and State).

SAVE AND EXCEPT land conveyed to Frank Bell and Emma Bell, his wife, by Glen Mahler and Clara Mahler, his wife, by deed dated December 22, 1938 and recorded December 27, 1938 in Volume 235, Page 262, Deed Recorded for Marion County, Oregon, more particularly set forth as follows, to wit: Beginning in the middle of the County Road at the Northeast corner of Section 22 in Township 6 South, Range 2 West of the Willamette Meridian, Marion County, Oregon, and from thence running North $89^{\circ}59'$ West along the North boundary of said Section, 3.333 chains to an iron pipe; thence South $0^{\circ}31'$ East parallel with the middle of said County Road 3.00 chains to an iron pipe; thence South $89^{\circ}59'$ East parallel with the North boundary of said Section, 3.333 chains to the middle of the County Road; thence North $0^{\circ}31'$ West 3.00 chains to the place of beginning, and being a fraction of Lot 3, Labish Logan Lands, Marion County, Oregon. (See Volume 8, Page 102, Record of Town Plats for said County and State).

SAVE AND EXCEPT:

Beginning at the Southeast corner of the North one-half of Lot 3, Labish Logan Lands, Marion County, Oregon. (See Volume 8, Page 102, Record of Town Plats for said County and State). And running thence North along the East line of said Lot 3, 159.00 feet; thence West, parallel with the South line of said North one-half of said Lot 3, 273.962 feet; thence South parallel with the East line of said Lot 3, 159.00 feet to the South line of the North one-half of said Lot 3; thence East along the said South line 273.962 feet to the point of beginning.

ALSO SAVE AND EXCEPT:

Beginning at a point on the South line of the North one-half of Lot 3, Labish Logan Land, Marion County, Oregon, at a point 273.962 feet from the Southeast corner of said North one-half; thence North parallel with the East line of said Lot 152.00 feet to a point; thence West parallel with said South line 12.617 feet to a point; thence South parallel with the East line of said Lot 152.00 feet to the South line of said North one-half; thence East along said South line 12.617 feet to the place of beginning.

ALSO:

Beginning at a point on the East line of Lot 3, Labish Logan Lands, Marion County, Oregon, said point being 152.00 feet North from the Southeast corner of the North one-half of said Lot; thence North along said East line 7.00 feet to a point; thence West parallel with the South line of said North one-half 273.962 feet to a point; thence South parallel with said East line 7.0 feet to a point; thence East parallel with said South line of the North one-half 273.962 feet to the place of beginning.

MAY 09 2003

REEL:2118

PAGE: 488

May 09, 2003, 11:22 AM.

CONTROL #: 85614

State of Oregon
County of Marion

I hereby certify that the attached
instrument was received and duly
recorded by me in Marion County
records:

FEE: \$ 31.00

ALAN H DAVIDSON
COUNTY CLERK

THIS IS NOT AN INVOICE.

MAY 09 2003

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

MAR 26 2015

WELL LABEL # L 111610
START CARD # 208984

(1) LAND OWNER Owner Well I.D. SALEM, OR

First Name Brian Last Name Arzen
Company
Address 8466 75th Ave. NE
City Salem State OR Zip 97305

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

(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 Special Standard (Attach copy)
Depth of Completed Well 132 ft.

| BORE HOLE | | | SEAL | | | sacks/ | |
|-----------|------|-----|-----------|------|----|--------|-----|
| Dia | From | To | Material | From | To | Amt | lbs |
| 12 | 0 | 36 | Bentonite | 0 | 36 | 16 | S |
| 8 | 36 | 132 | | | | | |

How was seal placed: Method A B C D E
 Other OAR 690-210-0340
Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____
Explosives used: Yes Type _____ Amount _____

(6) CASING/LINER

| Casing | Liner | Dia | + | From | To | Gauge | Stl | Plstc | Wld | Thrd |
|-------------------------------------|--------------------------|-----|-------------------------------------|------|-----|-------|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8 | <input checked="" type="checkbox"/> | 1.33 | 132 | .250 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Shoe Inside Outside Other Location of shoe(s) 132
Temp casing Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

| Perf/S | Casing/ | Screen | Scrn/slot | Slot | # of | Tele/ | | |
|--------|---------|--------|-----------|------|-------|--------|-------|-----------|
| creen | Liner | Dia | From | To | width | length | slots | pipe size |
| | | | | | | | | |

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

Pump Bailor Air Flowing Artesian

| Yield gal/min | Drawdown | Drill stem/Pump depth | Duration (hr) |
|---------------|----------|-----------------------|---------------|
| 115 | 4 | | 2 |

Temperature 53 °F Lab analysis Yes No TDS 127
Water quality concerns? Yes (describe below) No
From _____ To _____ Description _____ Amount _____ Units _____

(9) LOCATION OF WELL (legal description)
County MARION Twp 6 S N/S Range 2 W E/W WM
Sec 22 NE 1/4 of the NE 1/4 Tax Lot 400
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
 Street address of well Nearest address
8466 75th Ave. NE Salem, OR 97305

(10) STATIC WATER LEVEL Date _____ SWL(psi) + SWL(ft)
Existing Well / Predeepening _____
Completed Well 02-26-2015 19
Flowing Artesian? Dry Hole?

WATER BEARING ZONES Depth water was first found 49

| SWL Date | From | To | Est Flow | SWL(psi) | + SWL(ft) |
|------------|------|-----|----------|----------|-----------|
| 01-08-2015 | 49 | 54 | 30 | | 19 |
| 01-16-2015 | 62 | 130 | 250 | | 19 |

(11) WELL LOG Ground Elevation _____

| Material | From | To |
|--|------|-----|
| Topsoil | 0 | 1 |
| Clay brown | 1 | 9 |
| Clay, blue silty | 9 | 12 |
| Clay, brown soft | 12 | 49 |
| Sand brown, black & gravel to 3" (70-80% gravel) | 49 | 54 |
| Clay gray silty, sandy | 54 | 58 |
| Sand & silt gray | 58 | 62 |
| Sand black & gravel to 3" (70-80% gravel) | 62 | 68 |
| Sand brown & gravel to 5" (70-80% gravel) | 68 | 89 |
| Sand & gravel 1" minus (70% gravel) | 89 | 94 |
| Sand & gravel to 5" (70-80% gravel) | 94 | 105 |
| Sand black & gravel 1" minus (60% gravel) | 105 | 116 |
| Sand black & gravel 3" minus (60% gravel) | 116 | 118 |
| Sand black, loose 5% gravel | 118 | 120 |
| Sand & gravel to 3" (50-60% gravel) | 120 | 125 |
| Sand & gravel to 5" | 125 | 130 |
| Cemented sand & gravel | 130 | 132 |

Date Started 01-06-2015 Completed 02-26-2015

(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 1704 Date _____
Password: (if filing electronically) _____
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 783 Date 3/23/15
Password: (if filing electronically) _____
Signed *Brandon Arzen*
Contact info (optional) Grossen Well Drilling (503)982-2060