



State of Oregon  
 Water Resources Department  
 725 Summer Street NE, Suite A  
 Salem, Oregon 97301-1266  
 (503) 986-0900

# Application for Permit Amendment

## Part 1 of 5 – Minimum Requirements Checklist

**This permit amendment application will be returned if Parts 1 through 5 and all required attachments are not completed and included.**  
 For questions, please call (503) 986-0900, and ask for Transfer Section.

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Check all items included with this application. (N/A = Not Applicable)

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: [http://apps.wrd.state.or.us/apps/misc/wrd\\_fee\\_calculator](http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator). If you have questions, call Customer Service at (503) 986-0801.
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Permits to be Amended: **Number of permits to be amended: 1**  
**List the Permits here: G-18088 (Attachment A)**  
 Please include a separate Part 5 for each permit. (See instructions on page 6)
- Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner). **(Attachment B)**
- N/A Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is **not** the permit holder of record and needs to be assigned to the permit; **or** the landowner of the proposed place of use is **not** the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>). Assignment is not needed if the applicant is the permit holder of record.
- N/A Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant **or** other permit holders of record that are not listed as applicants.
- N/A Oregon Water Resources Department's Land Use Information Form with approval and signature (or signed land use form receipt stub) from each local land use authority in which water is to be diverted, conveyed, and/or used. **Not required if water is to be diverted, conveyed, and/or used only on federal lands or if all of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone. (Attachment C – Zoning Map)**
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation. **(Attachment D)**
- N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500 feet from the surface water source and more than 1000 feet upstream or downstream from the point of diversion. (ORS 540.531(2) or (3)).

**(For Staff Use Only)**

**WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):**

|   |                                    |
|---|------------------------------------|
| ___ Application fee not enclosed/insufficient | ___ Map not included or incomplete |
| ___ Land Use Form not enclosed or incomplete  | ___ Part ___ is incomplete         |
| Other/Explanation _____                       |                                    |
| Staff: _____ 503-986-0 _____                  | Date: ___/___/___                  |

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## Part 2 of 5 – Permit Amendment Map Checklist

Your permit amendment application **will be returned** if any of the map requirements listed below are not met.

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does **not** have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

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- N/A If **more than three** permits are involved, separate maps for each permit.
- Permanent quality printed with dark ink on good quality paper.
- The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
- A north arrow, a legend, and scale.
- The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
- Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
- Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
- Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
- Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
- Existing place of use that includes separate hachuring for each water use permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
- N/A If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water use permit.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

Part 3 of 5 – Fee Worksheet

| FEE WORKSHEET for PERMIT AMENDMENT |  |   |                |
|------------------------------------|--|---|----------------|
| 1                                  | Base Fee (includes one type of change to one permit for up to 1 cfs)   | 1 | \$1,160        |
| 2                                  | Types of change proposed:<br><input checked="" type="checkbox"/> Place of Use<br><input type="checkbox"/> Point of Diversion/Appropriation<br>Number of above boxes checked = <u>1</u> (2a)<br>Subtract 1 from the number in line 2a = <u>0</u> (2b) <i>If only one change, this will be 0</i><br>Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » » »  | 2 | 0              |
| 3                                  | Number of permits included in Permit Amendment <u>1</u> (3a)<br>Subtract 1 from the number in 3a: <u>0</u> (3b) <i>If only one permit this will be 0</i><br>Multiply line 3b by \$520 and enter » » » » » » » » » » » » » » » »  | 3 | 0              |
| 4                                  | Do you propose to add or change a well, or change from a surface water POD to a well?<br><input checked="" type="checkbox"/> No: enter 0 »<br><input type="checkbox"/> Yes: enter \$410 »  | 4 | 0              |
| 5                                  | Do you propose to change the place of use?<br><input type="checkbox"/> No: enter 0 on line 5 »<br><input checked="" type="checkbox"/> Yes: enter the cfs for the portions of the permits to be amended (see example below*):<br><u>0.145</u> (5a)<br>Subtract 1.0 from the number in 5a above: <u>0</u> (5b)<br>If 5b is 0, enter 0 on line 5 »<br>If 5b is greater than 0, round up to the nearest whole number: _____ (5c)<br>and multiply 5c by \$350, then enter on line 5 » » » » » » » » » » | 5 | 0              |
| 6                                  | Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:   | 6 | \$1,160        |
| 7                                  | Is this permit amendment:<br><input type="checkbox"/> necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932?<br><input type="checkbox"/> endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat?<br>If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 »<br>If no box is applicable, enter 0 on line 7 »  | 7 | 0              |
| 8                                  | Subtract line 7 from line 6 » » » » » » » » » » <b>Permit Amendment Fee:</b>   | 8 | <b>\$1,160</b> |

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\*Example for Line 5a calculation to transfer 45.0 acres of Primary Permit S-12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Permit S-87654 (1/80 cfs per acre) on the same land:

1. For irrigation calculate cfs for each permit involved as follows:
  - a. Divide total authorized cfs by total acres in the permit (for S-12345, 1.25 cfs ÷ 100 ac); then multiply by the number of acres to be changed to get the application cfs (x 45 ac = 0.56 cfs).
  - b. If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (For S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)
2. Add cfs for the portions of permits on all the land included in the application; however **do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land.** The fee should be assessed only once for each “on the ground” acre included in the application. (In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0).

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## Part 4 of 5 – Applicant Information and Signature

### Applicant Information

|  |                    |                                  |                        |
|--|--------------------|----------------------------------|------------------------|
| APPLICANT/BUSINESS NAME<br><b>K Bar J Ranch</b>  |                    | PHONE NO.<br><b>503-931-4005</b> | ADDITIONAL CONTACT NO. |
| ADDRESS<br><b>200 Hansard Ave</b>  |                    |                                  | FAX NO.                |
| CITY<br><b>Lebanon</b>   | STATE<br><b>OR</b> | ZIP<br><b>97355</b>              | E-MAIL                 |
| <b>BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.</b> |                    |                                  |                        |

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

|  |                    |                                  |  |
|--|--------------------|----------------------------------|--|
| AGENT/BUSINESS NAME<br><b>Bruce Brody-Heine/GSI Water Solutions, Inc.</b>  |                    | PHONE NO.<br><b>971-200-8519</b> | ADDITIONAL CONTACT NO.<br><b>CELL 541-390-0591</b> |
| ADDRESS<br><b>147 SW Shevlin Hixon Dr, Suite 201,</b>  |                    |                                  | FAX NO.  |
| CITY<br><b>Bend</b>  | STATE<br><b>OR</b> | ZIP<br><b>97702</b>              | E-MAIL<br><b>bbheine@gsiws.com</b>                 |
| <b>BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.</b> |                    |                                  |  |

Explain in your own words what you propose to accomplish with this permit amendment; and why: J Bar K Ranch is proposing to change the authorized place of use for a portion of Permit G-18088. The authorized place of use includes two separate irrigated areas (in Sections 2 and 10). The Ranch would like to move the place of use in Section 2 to a location in Section 10 that is contiguous to the authorized place of use in that section.

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

**Is the applicant the permit holder of record?**  Yes  No

If NO, include either:

- A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), **OR**
- An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.

**Has the Completion ("C") Date of the permit(s) in this application expired?**  Yes  No

If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? July 31, 2023

- If the permit completion date expires while the Permit Amendment Application is pending, the Department will not approve the Permit Amendment Application until an Extension of Time Application is approved for the permit.
- You may consider using the Reimbursement Authority process to expedite the processing of this Permit Amendment Application if the completion date of the permit expires within 6 months of the date of filing this application.

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**By my signature below, I confirm that I understand:**

- Prior to Department approval of the permit amendment, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the permit is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: Bend Bulletin.



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

RK  
Applicant Signature

Rob Keith Manager  
Print Name (and Title if applicable)

June 11, 2019  
Date

\_\_\_\_\_  
Applicant Signature

\_\_\_\_\_  
Print Name (and Title if applicable)

\_\_\_\_\_  
Date

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**Check one of the following:**

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.

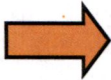
**Check the appropriate box, if applicable:**

- Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district.

|                                       |         |     |
|---------------------------------------|---------|-----|
| IRRIGATION DISTRICT NAME<br><b>NA</b> | ADDRESS |     |
| CITY                                  | STATE   | ZIP |

- Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

|                          |         |     |
|--------------------------|---------|-----|
| ENTITY NAME<br><b>NA</b> | ADDRESS |     |
| CITY                     | STATE   | ZIP |



To meet State Land Use Consistency Requirements, you must list all local governments (each county, city, municipal corporation, or tribal government) within whose jurisdiction water will be diverted, conveyed or used.

|  |                                       |                     |
|--|---------------------------------------|---------------------|
| ENTITY NAME<br><b>Deschutes County</b> | ADDRESS<br><b>1300 NW Wall Street</b> |                     |
| CITY<br><b>Bend</b>                    | STATE<br><b>OR</b>                    | ZIP<br><b>97703</b> |

|             |         |     |
|-------------|---------|-----|
| ENTITY NAME | ADDRESS |     |
| CITY        | STATE   | ZIP |

|             |         |     |
|-------------|---------|-----|
| ENTITY NAME | ADDRESS |     |
| CITY        | STATE   | ZIP |

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**Part 5 of 5 – Water Use Permit Information**

Please use a separate Part 5 for each permit being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

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PERMIT # G-18088

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**Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)**

(Note: If the POD/POA name is not specified in the permit, assign it a name or number here.)

| POD/POA Name or Number | Is this POD/POA Authorized by the permit or is it Proposed?                         | If POA, OWRD Well Log ID# (or Well ID Tag # L-___) | Twp |   | Rng |   | Sec | ¼ ¼ |    | Tax Lot, DLC or Gov't Lot | Measured Distances (from a recognized survey corner)                    |
|------------------------|---|--|-----|---|-----|---|-----|-----|----|---------------------------|---|
|                        |   |  |     |   |     |   |     |     |    |                           |   |
| Well 1                 | <input checked="" type="checkbox"/> Authorized<br><input type="checkbox"/> Proposed | Not Drilled Yet                                    | 22  | S | 10  | E | 2   | SE  | NW | 200                       | 345 feet North and 580 feet East from SW corner of the SE NW, Section 2 |
| Well 2                 | <input checked="" type="checkbox"/> Authorized<br><input type="checkbox"/> Proposed | DESC 61396 L-131461                                | 22  | S | 10  | E | 10  | NW  | NW | 225                       | 320 feet North and 65 feet East from SW corner of the NW NW, Section 10 |
|                        | <input type="checkbox"/> Authorized<br><input type="checkbox"/> Proposed            |  |     |   |     |   |     |     |    |                           |   |
|                        | <input type="checkbox"/> Authorized<br><input type="checkbox"/> Proposed            |  |     |   |     |   |     |     |    |                           |   |

**Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):**

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Place of Use (POU)        | <input type="checkbox"/> Point of Appropriation/Well (POA)             |
| <input type="checkbox"/> Point of Diversion (POD)             | <input type="checkbox"/> Additional Point of Appropriation (APOA)      |
| <input type="checkbox"/> Additional Point of Diversion (APOD) | <input type="checkbox"/> Surface water POD to Ground Water POA (SW/GW) |

**Will all of the proposed changes affect the entire water use permit?**

- Yes Complete only the proposed ("to" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the permit to be changed.

**For a change in place of use:**

**Does the permit holder of record own or control the land TO which the place of use is being moved?**

- Yes  No

If NO, the landowner of the land TO which the place of use is being moved must be assigned to the permit as a permit holder of record by submitting a completed Request for Assignment form and the required statutory fee for an assignment.

**Is the proposed place of use contiguous to the authorized place of use?**  Yes  No

The permitted place of use can be moved only to lands that are contiguous to the authorized place of use unless the change to non-contiguous lands is in furtherance of mitigation or conservation efforts undertaken for the purposes of benefiting a species listed as sensitive, threatened, or endangered under ORS 496.171 to 496.192 or the federal Endangered Species Act of 1973 (16 U.S.C. 1531 to 1544), as determined by the listing agency. Contiguous land being either adjacent land or land separated from the land to which a permit is authorized by roads, utility corridors, irrigation ditches or publicly owned rights of way.

Please use and attach additional pages of Table 2 as needed.  
See page 6 for instructions.

Do you have questions about how to fill-out the tables?  
Contact the Department at 503-986-0900 and ask for Transfer Staff.

**Table 2. Description of Changes to Water Use Permit # G-18088**

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change.  
If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

| AUTHORIZED (the "from" or "off" lands)<br>The listing that appears on the certificate BEFORE PROPOSED CHANGES |     |     |         |         |                |                         |  |               |   | PROPOSED (the "to" or "on" lands)<br>The listing as it would appear AFTER PROPOSED CHANGES |                  |         |         |                |                         |  |               |       |   |   |   |
|---|-----|-----|---------|---------|----------------|-------------------------|--|---------------|---|--|------------------|---------|---------|----------------|-------------------------|--|---------------|-------|---|---|---|
| Twp   | Rng | Sec | 1/4 1/4 | Tax Lot | Gvt Lot or DLC | Acre(s) (if applicable) | POD(s) or POA(s) (name or number from Table 1) | Priority Date | Proposed Changes (see "CODES" from previous page) |  |                  |         |         |                |                         |  |               |       |   |   |   |
| List only that part or portion of the water right that will be changed.                                       |     |     |         |         |                |                         |  |               | Twp   | Rng  | Sec              | 1/4 1/4 | Tax Lot | Gvt Lot or DLC | Acre(s) (if applicable) | POD(s) or POA(s) to be used (from Table 1) | Priority Date |       |   |   |   |
| <b>EXAMPLE</b>  |     |     |         |         |                |                         |  |               |   |  |                  |         |         |                |                         |  |               |       |   |   |   |
| 2   | S   | 9   | E       | 15      | E              | 2                       | SE   | NW            | 100   | 15.0   | POD #1<br>POD #2 |         |         |                |                         |  |               |       |   |   |   |
| "   | "   | "   | "       | "       | "              | EXAMPLE                 | "  | "             | "   | "  | "                | "       | "       | "              | "                       | "  | "             | "     | " | " | " |
| 22  | S   | 10  | E       | 2       | E              | 2                       | SE   | NW            | 200   | 9.14   | Well 1           | 2/22/17 |         |                |                         |  |               |       |   |   |   |
| 22  | S   | 10  | E       | 2       | E              | 2                       | NE   | SW            | 200   | 2.4  | Well 1           |         |         |                |                         |  |               |       |   |   |   |
|   |     |     |         |         |                |                         |  |               | TOTAL ACRES                                       |  |                  |         |         |                |                         |  |               | 11.54 |   |   |   |
|   |     |     |         |         |                |                         |  |               | TOTAL ACRES                                       |  |                  |         |         |                |                         |  |               | 11.54 |   |   |   |

Additional remarks: \_\_\_\_\_

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Are there other water rights certificates, water use permits or ground water registrations associated with the "from" or "to" lands?  Yes  No

If YES, list the other certificate, permit, or ground water registration numbers: \_\_\_\_\_



If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

**For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:**

**- NA - No Change in point of appropriation is being requested**

- Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. (Tip: You may search for well logs on the Department's web page at: [http://apps.wrd.state.or.us/apps/gw/well\\_log/Default.aspx](http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx))

**AND/OR**

- Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

**Table 3. Construction of Point(s) of Appropriation**

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

| Proposed or Authorized POA Name or Number | Is well already built? (Yes or No) | If an existing well, OWRD Well ID Tag No. L-____ | Total well depth | Casing Diameter | Casing Intervals (feet) | Seal depth(s) (intervals) | Perforated or screened intervals (in feet) | Static water level of completed well (in feet) | Source aquifer (sand, gravel, basalt, etc.) | Well - specific rate (cfs or gpm). If less than full rate of water right |
|---|------------------------------------|--|------------------|-----------------|-------------------------|---------------------------|--|--|---|--|
|   |                                    |  |                  |                 |                         |                           |  |  |   |  |
|   |                                    |  |                  |                 |                         |                           |  |  |   |  |
|   |                                    |  |                  |                 |                         |                           |  |  |   |  |
|   |                                    |  |                  |                 |                         |                           |  |  |   |  |

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ATTACHMENT A  
**Water Right Permit G-18088**

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STATE OF OREGON  
 COUNTY OF DESCHUTES

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

K BAR J RANCH LLC  
 200 HANSARD AVE  
 LEBANON OR 97355

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-18462

SOURCE OF WATER: WELL 1 AND WELL 2 IN LITTLE DESCHUTES RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 42.5 ACRES

MAXIMUM RATE: 0.535 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: FEBRUARY 22, 2017

WELL LOCATIONS:

| POA Name | Twp  | Rng  | Mer | Sec | Q-Q   | Measured Distances   |
|----------|------|------|-----|-----|-------|--|
| WELL 1   | 22 S | 10 E | WM  | 2   | SE NW | 345 FEET NORTH AND 580 FEET EAST FROM SW CORNER, SENW, SECTION 2 |
| WELL 2   | 22 S | 10 E | WM  | 10  | NW NW | 320 FEET NORTH AND 65 FEET EAST FROM SW CORNER, NWNW, SECTION 10 |

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

| Twp  | Rng  | Mer | Sec | Q-Q   | Acres |
|------|------|-----|-----|-------|-------|
| 22 S | 10 E | WM  | 2   | SE NW | 9.14  |
| 22 S | 10 E | WM  | 2   | NE SW | 2.40  |
| 22 S | 10 E | WM  | 10  | NE NW | 0.18  |
| 22 S | 10 E | WM  | 10  | NW NW | 8.36  |
| 22 S | 10 E | WM  | 10  | SW NW | 22.42 |

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**1. Measurement Devices, and Recording/Reporting of Annual Water Use Conditions:**

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter at each point of appropriation. The permittee shall maintain the device in good working order.
- B. The permittee shall allow the watermaster access to the device; provided however, where any device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The permittee shall keep a complete record of the volume of water used each month, and shall submit an annual report which includes the recorded water-use measurements to the Department annually, or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

**2. Annual Measurement Condition (Static Water Level Condition):**

The Department requires the water user to obtain, from a qualified individual (see below), and report annual static water levels for each well on the permit. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if any of the following events occur:

- A. Annual water-level measurements reveal an average water-level decline of three or more feet per year for five consecutive years; or
- B. Annual water-level measurements reveal a water-level decline of 15 or more feet in fewer than five consecutive years; or
- C. Annual water-level measurements reveal a water-level decline of 25 or more feet; or
- D. Hydraulic interference leads to a decline of 25 or more feet in any neighboring well with senior priority.

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

**3. Well Identification Tag Condition:**

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

**4. Ground Water Mitigation Conditions:**

- 1. Mitigation Obligation: 76.5 acre-feet of mitigation water in the Little Deschutes River Zone of Impact (located anywhere in the Little Deschutes Basin above the mouth of the Little Deschutes River).
- 2. Mitigation Source: 76.5 mitigation credits, associated with Mitigation Project MP-143, (Transfer T-11163), which is a permanent instream transfer.
- 3. Mitigation water must be legally protected instream in the Little Deschutes River Zone of Impact for the life of the permit and subsequent certificate(s). Regulation of the use and/or cancellation of the permit, or subsequent certificate(s) will occur if the required mitigation is not maintained.
- 4. The permittee shall provide additional mitigation if the Department determines that average annual consumptive use of the subject appropriation has increased beyond the originally mitigated amount.
- 5. If mitigation is from a secondary right for stored water from a storage project not owned or operated by the permittee, the use of water under this right is subject to the maintenance and terms and conditions of a valid contract or satisfactory replacement, with the owner/operator of the storage project, a copy of which must be on file in the records of the Water Resources Department.
- 6. Failure to comply with these mitigation conditions shall result in the Department regulating the ground water permit, or subsequent certificate(s), proposing to deny any permit extension application for the ground water permit, and proposing to cancel the ground water permit, or subsequent certificate(s).

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## 5. Scenic Waterway Condition:

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right, or as those quantities may be reduced subsequently. However, the use of ground water allowed under the terms of this permit will not be subject to regulation for Scenic Waterway flows, provided the required mitigation is maintained.

### STANDARD CONDITIONS

1. Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.
2. If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.
3. If substantial interference with surface water or a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.
4. The well(s) shall be constructed and maintained in accordance with the General Standards for the Construction and Maintenance of Water Supply Wells in Oregon. The works shall be equipped with a usable access port adequate to determine water-level elevation in the well at all times.
5. Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.
6. Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.
7. This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.
8. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

9. Construction of the well shall begin within five years of the date of permit issuance. The deadline to begin construction may not be extended. This permit is subject to cancellation proceedings if the construction deadline to begin is missed.
10. Complete application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.
11. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

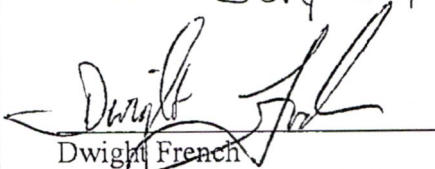
Issued

JULY 31, 2018

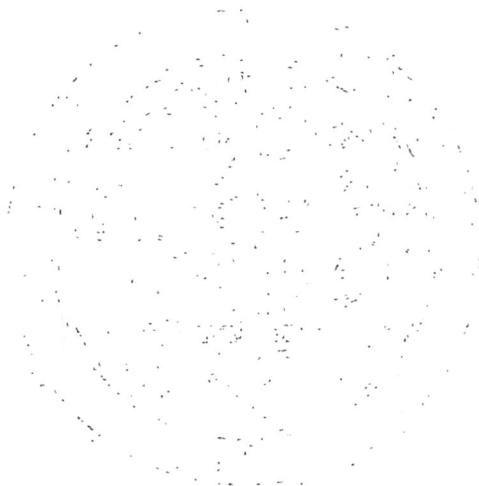
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Dwight French  
Water Right Services Division Administrator, for  
Thomas M. Byler, Director  
Oregon Water Resources Department



DESC 61396

WELL I.D. LABEL# L131461  
START CARD # 214228 OWRD  
ORIGINAL LOG #

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

(1) LAND OWNER  
Owner Well I.D. \_\_\_\_\_  
First Name: H Bark Last Name \_\_\_\_\_  
Company: H Bark Ranch LLC  
Address: 700 HANSA RD AVE  
City: LEBANON State: OR Zip: 97359

(2) TYPE OF WORK  New Well  Deepening  Conversion  
 Alteration (complete 2a & 10)  Abandonment (complete 5a)

(2a) PRE-ALTERATION  
Dia + From To Gauge Stl 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 Special Standard  (Attach copy)  
Depth of Completed Well 1170 ft.  
BORE HOLE SEAL (sacks/lbs)  
Dia From To Material From To Amt  
14" 0 40 Bond 0 40 175  
8" 0 457 Calculated 50  
6" 437 1170 Cement 280 400 83  
Calculated 40

How was seal placed: Method  A  B  C  D  E  
 Other Plon 3 min  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Filter pack from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_ Size \_\_\_\_\_  
Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

(5a) ABANDONMENT USING UNHYDRATED BENTONITE  
Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER  
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd  
  8" 1 457 250      
  6" 280 1060 250      
Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

(7) PERFORATIONS/SCREENS  
Perforations Method \_\_\_\_\_  
Screens Type \_\_\_\_\_ Material \_\_\_\_\_  
Perf/S Casing/Screen Scrm/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)  
600 gal \_\_\_\_\_ 1170 \_\_\_\_\_  
Temperature 49' °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below) TDS amount 386  
From To Description Amount Units

(9) LOCATION OF WELL (legal description)  
County Desch Twp 22 N/S Range 10 E/W WM  
Sec 2 1/4 of the 1/4 Tax Lot \_\_\_\_\_  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
 Street address of well  Nearest address  
52255 HUNTINGTON RD LAPINE OR

(10) STATIC WATER LEVEL  
Date SWL(psi) + SWL(ft)  
Existing Well / Pre-Alteration \_\_\_\_\_  
Completed Well 11-29-18 35'  
Flowing Artesian?  Dry Hole?   
WATER BEARING ZONES Depth water was first found 25  
SWL Date From To Est Flow SWL(psi) + SWL(ft)  
9-15-18 25 35 1591 8'  
11-28-18 1082 1169 650gal 35'

(11) WELL LOG Ground Elevation \_\_\_\_\_  
Material From To  
Plumic 0 5  
Gravel 5 13  
Black sand 13 35  
Gray clay 35 50  
Black sand 50 100  
Gray clay 100 145  
Brown clay 145 190  
Black clay 190 195  
Brown clay 195 470  
Black fine silt 470 440  
Clay clay hard 440 500  
Black lava rock 500 510  
Brown clay 510 615  
Brown clay 615 535  
Black sand 535 541  
Black clay sand 541 545  
Sand black 545 555  
Clay brown clay 555 575  
Gray clay Plumic 575 1200  
Date Started 9-13-18 Completed 11-28-18

(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 DEC 12 2018  
Signed \_\_\_\_\_

(bonded) Water Well Constructor Certification **OWRD**  
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 1654 Date 11-29-18  
Signed [Signature]  
Contact Info (optional) 13205



# DESC 61396

**WATER SUPPLY WELL REPORT - continuation page**

|                    |        |
|--------------------|--------|
| WELL I.D. LABEL# L | 137461 |
| START CARD #       | 214228 |
| ORIGINAL LOG #     |        |

DESC 61396

**(2a) PRE-ALTERATION**

| Dia | + | From | To | Gauge | Stl     | Plstc | Wld | Thrd |
|-----|---|------|----|-------|---------|-------|-----|------|
|     |   |      |    |       | ○ ○ ○ ○ |       |     |      |
|     |   |      |    |       | ○ ○ ○ ○ |       |     |      |
|     |   |      |    |       | ○ ○ ○ ○ |       |     |      |
|     |   |      |    |       | ○ ○ ○ ○ |       |     |      |

| Material | From | To | Amt | sacks/lbs |
|----------|------|----|-----|-----------|
|          |      |    |     |           |
|          |      |    |     |           |
|          |      |    |     |           |

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**Water Quality Concerns**

| From | To | Description | Amount | Units |
|------|----|-------------|--------|-------|
|      |    |             |        |       |
|      |    |             |        |       |
|      |    |             |        |       |
|      |    |             |        |       |

**(5) BORE HOLE CONSTRUCTION**

| BORE HOLE |      |    | SEAL     |      |    | sacks/     |
|-----------|------|----|----------|------|----|------------|
| Dia       | From | To | Material | From | To | lbs        |
|           |      |    |          |      |    | Calculated |
|           |      |    |          |      |    | Calculated |
|           |      |    |          |      |    | Calculated |
|           |      |    |          |      |    | Calculated |

**FILTER PACK**

| From | To | Material | Size |
|------|----|----------|------|
|      |    |          |      |
|      |    |          |      |
|      |    |          |      |

**(6) CASING/LINER**

| Casing Liner | Dia | + | From | To | Gauge | Stl     | Plstc | Wld | Thrd |
|--------------|-----|---|------|----|-------|---------|-------|-----|------|
| ○ ○          |     |   |      |    |       | ○ ○ ○ ○ |       |     |      |
| ○ ○          |     |   |      |    |       | ○ ○ ○ ○ |       |     |      |
| ○ ○          |     |   |      |    |       | ○ ○ ○ ○ |       |     |      |
| ○ ○          |     |   |      |    |       | ○ ○ ○ ○ |       |     |      |
| ○ ○          |     |   |      |    |       | ○ ○ ○ ○ |       |     |      |

**(7) PERFORATIONS/SCREENS**

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

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

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

**(10) STATIC WATER LEVEL**

| SWL Date | From | To | Est Flow | SWL(psi) | + SWL(ft) |
|----------|------|----|----------|----------|-----------|
|          |      |    |          |          |           |
|          |      |    |          |          |           |
|          |      |    |          |          |           |
|          |      |    |          |          |           |

**(11) WELL LOG**

| Material              | From | To   |
|-----------------------|------|------|
| Black Sand            | 620  | 645  |
| Gray clay             | 645  | 700  |
| Pl mica               | 700  | 710  |
| Gray clay gravel      | 710  | 900  |
| Stray Brown clay      | 900  | 1030 |
| Gray clay w Sand Plm4 | 1030 | 1055 |
| Black Basalt          | 1055 | 1062 |
| Gray Basalt           | 1062 | 1082 |
| Yellow Lava flow      | 1082 | 1096 |
| Red X Black cinder    | 1096 | 1100 |
| Gray Lava flow        | 1100 | 1120 |
| Red Lava flow         | 1120 | 1142 |
| Gray Basalt           | 1142 | 1150 |
| Brown Lava flow       | 1150 | 1169 |
| Gray Basalt           | 1169 | 1170 |

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**Comments/Remarks**