



## **Water Right Application Initial Review**

September 21, 2018

RUSSELL YOUNG  
PO BOX 171  
CANYON CITY OR 97820

Reference: Application G-18697

This document is to inform you of the preliminary analysis of the water-use permit application and to describe your options. In determining whether an application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information supplied, the Water Resources Department has made the following preliminary determinations:

### **Initial Review Preliminary Determinations (Oregon Administrative Rule (OAR) 690-310-0080)**

1. Application G-18697 proposes the appropriation of the “maximum rate” of water from Well 1 and Well 2 in John Day River Basin for primary irrigation of 92.0 acres and supplemental irrigation of 499.4 acres, March 1 to October 31 of each year.
2. The proposed use is not prohibited by law or rule except where otherwise noted below.
3. Irrigation is allowed under the John Day Basin Program. (OAR 690-506-0040)
4. Groundwater will likely be available within the capacity of the resource, and if properly conditioned (and if authorized), the proposed use of groundwater will avoid injury to existing groundwater rights.
5. The Department has determined, based upon OAR 690-009, that the proposed groundwater use from Well 1 and Well 2 will have the potential for substantial interference with John Day River. As well, Well 2 will have the potential for substantial interference with the South Fork of John Day River. Therefore, in accordance with OAR 690-400-0010(11)(a)(B), surface water availability must also be considered. Surface water is not available June 1 to December 31, and February 1 to March 31 of each year.
6. The proposed use is located above the John Day Scenic Waterway, as designated under ORS 390.826. The Department has determined, based upon OAR 690-310-0260, that there is not a preponderance of evidence that the proposed use of groundwater 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.

7. The points of appropriation are not located within a critical, limited, or withdrawn groundwater area.
8. Because this application will have an impact on surface water flows where the Oregon Department of Fish and Wildlife (ODFW) has identified that sensitive, threatened or endangered fish are present, this application will be reviewed by at least ODFW and the Department of Environmental Quality in accordance with OAR 690-033 rules. This review could have an impact on the eventual outcome of your application. This review could cause your application to be proposed for denial, the season of use to be shortened, or impacted in some other way when the Department issues a proposed final order at the next stage of processing.
9. OAR 690-033-0120(2) prohibits the diversion of water from April 15 through September 30 each year.
10. Documentation has been submitted from the relevant land-use planning jurisdiction that indicates the proposed use is allowed outright. ORS 537.621(3)(b); OAR 690-310-0150(2)(b)
11. See **Additional Information Required/Opportunity** section below for deficiencies with the application.

### **Summary**

**The appropriation of the “maximum rate” of water from Well 1 and Well 2 in John Day River Basin for primary irrigation of 92.0 acres and supplemental irrigation of 499.4 acres March 1 to October 31 would be 0.03 cubic foot per second (approximately 135 gallons per minute (GPM)) from Well 1, and 0.18 CFS from Well 2 (approximately 80 GPM), and may be allowable. See **Additional Information Required/Opportunity** section below.**

**Not all determinations herein are favorable; therefore it is unlikely that Application G-18697 will be approved unless a suitable mitigation proposal is provided prior to issuance of the Proposed Final Order.**

Public interest issues and/or public comments will be addressed as the Department prepares a Proposed Final Order. If significant public interest issues are identified, they could have an impact on the eventual outcome of the application.

The Department has rules (OAR 690-033) that establish additional procedures and standards to aid the Department in determining whether a proposed use will impair or be detrimental to the public interest with regard to sensitive, threatened, or endangered fish species. This Initial Review does not address the potential impact that your proposed use may have on these species.

Your application will undergo additional review from numerous federal, state, local, and tribal governmental entities. This review may cause your application to be limited, conditioned, or denied. Depending on the proposed use, you may be able to mitigate for potential impacts identified in the review.

Mitigation is often complicated, time consuming, and expensive, and may include, but is not limited to, actions such as replacing the proposed amount of water within the impacted reach through purchasing or transferring another water right. Following the Initial Review, you will be notified if mitigation is required. If you choose to pursue mitigation, you will likely need to place your application on administrative hold in order to explore options.

### **Additional Information Required/Opportunity**

Although it is unlikely that a permit will be issued, if the Department's findings change, additional information will be required prior to issuance of any Proposed Final Order that may recommend approval. Please provide the following item(s):

1. The map identifies 0.2 acre in SW NW Section 5 as supplemental irrigation; however, the Department's records show no underlying water right. Provide evidence that this acreage has an underlying right or determine that this 0.2 acre is for primary irrigation. If we do not receive either of these, the Department will continue processing the application without this 0.2 acre.
2. The application indicated 493.2 acres for supplemental irrigation; however the submitted map shows 499.4 acres (less the 0.2 acre indicated in 1, above). Please submit an updated map with the correct acreage or the Department will continue processing the application with the acreage shown on the map received.
3. You may be able to pursue a reduced rate permit that may avoid the potential for substantial interference with surface water. If you move the proposed location of Well #1 to greater than ¼-mile from surface water bodies and reduce the proposed rate from Well #1 to 0.30 CFS (approximately 135 gallons per minute (GPM)), and Well #2 to 0.18 CFS (approximately 80 GPM), surface water availability will not be considered. You will likely be required to have a Department groundwater re-review and pay an additional \$300.00. You may not be able to make beneficial use with this reduced rate and may choose to reduce your proposed acreage.

Please submit the requested information listed above no later than **October 25, 2018**. If the Department does not receive the items listed above by **October 25, 2018**, the Department may reject the application and may refund fees.

**At this time, you must decide whether to proceed or to withdraw the application.**

#### Proceed

If you choose to proceed with the application you do not have to notify the Department. The application will be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a Proposed Final Order.

#### Withdraw

You may withdraw the application and receive a refund (minus a \$260 processing fee per application). You must notify the Department **in writing** by **October 5, 2018**. For your convenience you may use the enclosed "STOP PROCESSING" form.

If a Permit is Issued it will Likely Include the Following Conditions:

1. 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.
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 not be valid, unless the Department authorizes the change in writing.
3. **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.

**4. Dedicated Measuring Tube Condition:**

Wells with pumps shall be equipped with a minimum 3/4-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit, and if static water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that water levels cannot be measured or the pump is repaired or replaced.

**5. Annual Measurement 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.

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.

#### **6. Well Construction Condition:**

The well shall be continuously cased and continuously sealed from land surface into hard dense basalt below any permeable flow-top zones at the contact with overlying sedimentary formations.

The well shall be open to a single aquifer of the Columbia River Basalt Group and shall meet the applicable well construction standards (OAR 690-200 and OAR 690- 210). In addition, the open interval in the well shall be no greater than 100 feet. An open interval of greater than 100 feet may be allowed if substantial evidence of a single aquifer completion can be demonstrated to the satisfaction of the Department hydrogeologists, using information from a video log, downhole flowmeter, water chemistry and temperature, or other downhole geophysical methods. These methods shall characterize the nature of the basalt rock and assess whether water is moving in the borehole. Any discernable movement of water within the well bore when the well is not being pumped shall be assumed as evidence of the presence of multiple aquifers in the open interval. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the request is made after casing and seal are placed, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

**7. Scenic Water Way 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 subsequently reduced.

**8. 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.

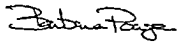
The water source identified in the application may be affected by an Agricultural Water Quality Management Area Plan. These plans are developed by the Oregon Department of Agriculture (ODA) with the cooperation of local landowners and other interested stakeholders, and help to ensure that current and new appropriations of water are done in a way that does not adversely harm the environment. You are encouraged to explore ODA's Water Quality Program web site at <http://www.oregon.gov/ODA/programs/NaturalResources/Pages/AgWaterQuality.aspx> to learn more about the plans and how they may affect the proposed water use.

If you have any questions:

Feel free to contact me at [Barbara.J.Poage@oregon.gov](mailto:Barbara.J.Poage@oregon.gov) or 503-986-0859 if you have any questions regarding the contents of this letter or the application. Please include the application number in all correspondence. General questions about water rights and water use permits should be directed to our customer service staff at 503-986-0801.

When corresponding by mail, please use this address: Barbara Poage, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266. Our fax number is 503-986-0901.

Sincerely,



Barbara Poage  
Water Right Application Specialist  
Oregon Water Resources Department

Enclosures: Application Process Description and Stop Processing Request Form

G-18697  
WAB: 211/212/30620106

# APPLICATION FACT SHEET

Application File Number: G-18697

Applicant: RUSSELL YOUNG

County: GRANT

Watermaster: Eric Julsrud, 4, NCR

Priority Date: JUNE 4, 2018

Source: WELL 1 AND WELL 2 IN JOHN DAY RIVER BASIN

Use: IRRIGATION OF 92.0 ACRES, SUPPLEMENTAL IRRIGATION OF 499.4 ACRES

Quantity: 2.0 CUBIC FEET PER SECOND

Basin-Name & Number: John Day, #6

WAB: JOHN DAY R > COLUMBIA R - AB S FK JOHN DAY R

Well Location(s):

POA Name	Twp	Rng	Mer	Sec	Q-Q	Measured Distances
WELL 1	13 S	27 E	WM	5	NE SW	2470 FEET NORTH AND 1740 FEET EAST FROM SW CORNER, SECTION 5
WELL 2	12 S	26 E	WM	36	SW SE	650 FEET NORTH AND 1500 FEET WEST FROM SE CORNER, SECTION 36

Place of Use:

Twp	Rng	Mer	Sec	Q-Q	Acres
<b>Supplemental Irrigation</b>					
12 S	26 E	WM	36	SW SE	13.10
12 S	26 E	WM	36	SE SE	26.40
12 S	27 E	WM	31	SW SW	5.90
13 S	26 E	WM	1	NE NE	29.20
13 S	26 E	WM	1	NW NE	26.90



Twp	Rng	Mer	Sec	Q-Q	Acres
13 S	26 E	WM	1	SW NE	3.00
13 S	26 E	WM	1	SE NE	31.60
13 S	27 E	WM	5	SW NW	0.20
13 S	27 E	WM	5	NE SW	10.30
13 S	27 E	WM	5	NW SW	36.10
13 S	27 E	WM	6	SW NE	26.00
13 S	27 E	WM	6	SE NE	11.70
13 S	27 E	WM	6	NE NW	22.40
13 S	27 E	WM	6	NW NW	32.30
13 S	27 E	WM	6	SW NW	37.80
13 S	27 E	WM	6	SE NW	37.50
13 S	27 E	WM	6	NE SW	34.90
13 S	27 E	WM	6	NW SW	32.00
13 S	27 E	WM	6	NE SE	40.00
13 S	27 E	WM	6	NW SE	35.50
13 S	27 E	WM	6	SW SE	0.60
13 S	27 E	WM	6	SE SE	6.00
<b>Primary Irrigation</b>					
13 S	27 E	WM	5	NE NW	35.00
13 S	27 E	WM	5	NW NW	5.00
13 S	27 E	WM	5	SE NW	35.00
13 S	27 E	WM	5	NE SW	17.00

**PUBLIC NOTICE DATE: September 25, 2018**

**14 DAY STOP PROCESSING DEADLINE DATE: October 5, 2018**

**30 DAY COMMENT DEADLINE DATE: October 25, 2018**

## **APPLICATION PROCESS DESCRIPTION FOR GROUNDWATER, SURFACE WATER AND REGULAR RESERVOIR APPLICATIONS**

In order to use the waters of Oregon, an application must be submitted and a permit obtained from the Water Resources Department. The water must be used for beneficial purpose without waste. For more information about water right topics, weekly public notice, forms and fees please visit our web site at [www.wrd.state.or.us](http://www.wrd.state.or.us)

### ***1. Pre-application considerations***

- Follow instructions in the application packet.
- If you have questions about completing an application or would like to arrange a pre-application conference contact the Department's Water Rights Customer Service Group at (503) 986-0801.

### ***2. Application filing***

- Application with fee is received by the Department.
- Department determines completeness of application.
- If use is not allowed by statute (ORS 538), the application and fees are returned to the applicant.
- An incomplete application and fees are returned to the applicant.
- Only a complete application receives a tentative priority date, is assigned a caseworker, and moves forward for processing.

### ***3. Initial Review (IR)***

- Caseworker reviews application by considering basin plans, water availability, statutory restrictions, and all other appropriate factors.
- Caseworker sends IR report to Applicant.
- Contact the Caseworker if you have questions about the IR.
- Four days after date of the IR, it is included in Department's weekly Public Notice.
- Public comments must be submitted within 30 days after the Public Notice.
- **An administrative hold** may be requested in writing by Applicant.

### ***4. Proposed Final Order (PFO)***

- Caseworker evaluates application against required criteria and develops draft permit, if appropriate.
- PFO includes instructions for filing of protests.
- Caseworker considers public comments and mails PFO to Applicant.
- The PFO is included in Department's weekly Public Notice.
- Public protests to the PFO must be submitted within 45 days after the Public Notice.

### ***5. Final Order (FO)***

- If no protest is filed, Final Order is issued.

### ***The protest process***

If one or more protests are filed, the process consists of:

- settlement discussion;
- contested case hearing;
- proposed Order;
- period of time to file exceptions; or
- Possible hearing by Water Resources Commission.
- Final Order is issued.

### ***Permit holder responsibilities***

- Comply with all water use conditions of the permit.
- Advise Department of address change or assignment to new permit holder.
- If need arises, request extension of time or authorize cancellation of permit.
- Submit timely claim of beneficial use (COBU) to the Department.
- Most permits require COBU to be prepared by a Certified Water Right Examiner.
- Permits may be canceled by the permit holder or by the Department for failure to comply with or one or more permit conditions.

**STOP PROCESSING REQUEST FORM**  
**FOR GROUNDWATER, SURFACE WATER AND REGULAR RESERVOIR**  
**APPLICATIONS**

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- Stop processing deadline is within 14 days of Initial Review.
- Applicant notification to withdraw Water Right Application **G-18697**.
- After reviewing the Initial Review for my application, I request that processing be stopped and the fees be refunded (minus a \$260 processing fee.) I understand that without a valid permit I may not legally use the water as requested in my application.
- Signature \_\_\_\_\_ Date \_\_\_\_\_
- Signature \_\_\_\_\_ Date \_\_\_\_\_
- Under ORS 537.150 (5) and 537.620 (5) timely submission of this request authorizes that the water right application process be stopped and all filing fees (except \$260 examination fee) be returned.
- This notice must be received at Water Resources Department by:

**October 5, 2018**

- Return the notice to:

OWRD, Water Right Services Division  
STOP PROCESSING  
725 Summer Street, NE - Suite A,  
Salem OR, 97301-1271

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