



## Water Right Application Initial Review

August 16, 2019

WEYERHAEUSER NR CO.  
16014 PLETZER RD SE  
TURNER OR 97392

Reference: Application G-18739

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-18739 proposes the appropriation of 10.79 cubic feet per second (CFS) of water from Well 1 (MARI 16010), Greenhouse Well (MARI 16018), Well 2 (MARI 16019), and Shop Well (MARI 16020) in North Santiam River Basin for temperature control on 52.6 acres, October 1 to May 31 of each year.
2. The proposed use is not prohibited by law or rule except where otherwise noted below.
3. Temperature control is a portion of agricultural use, which is allowable under the Willamette Basin Program. (OAR 690-502-0160(2)), (OAR 690-502-0010(2))
4. Groundwater will likely be available within the capacity of the resource, and/or 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 (MARI 16010) and Well 2 (MARI 16019) will have the potential for substantial interference with the North Santiam River. Therefore, in accordance with OAR 690-400-0010(11)(a)(B), surface water availability must also be considered. Surface water is available November 1 to July 31 of each year.
6. The Department has determined that OAR 690-0502-0240 applies to the proposed groundwater use from Well 1 (MARI 16010), which is located in an unconfined alluvial aquifer, hydraulically connected to, and less than ¼-mile from the North Santiam River. This groundwater shall be classified the same as the surface source (North Santiam River). Agriculture use is allowed September 1 through June 30 of each year.

7. The Department has determined that the proposed groundwater use from Greenhouse Well (MARI 16018) and Shop Well (MARI 16020) will not have the potential for substantial interference with surface water.
8. The proposed use is not located within or above any state or federal scenic waterway.
9. The points of appropriation are not located within a critical, limited, or withdrawn groundwater area.
10. 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 Oregon 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.
11. Documentation has been submitted from the relevant land-use planning jurisdiction that indicates the proposed use is allowed outright.
12. The standard allowable rate for temperature control is 0.15 CFS per acre, being 7.89 CFS for temperature control on 52.6 acres. Should a permit be issued, the rate will be limited to 7.89 CFS for temperature control on 52.6 acres.
13. The Department Well Construction and Compliance Section found that three of the four wells do not appear to comply with current minimum well construction standards (OAR 690-210)
  - According to the Water Supply Well Report for application Greenhouse Well (MARI 16018), only four sacks of cement were used for the well seal. A calculated minimum of 12 sacks of cement should have been used. In order to meet minimum well construction standards, the well must be resealed with an approved grout to a minimum depth of 18 feet below ground surface.
  - According to the Well Report for application Well #2 (MARI 16019) and Shop Well (MARI 16020), "Bentonite and Drill Cuttings" were used as an annular seal material. Drill cuttings are not allowed within the sealing interval of a well. In order to meet minimum well construction standards, the well must be resealed with an approved grout.

Prior to the issuance of a Proposed Final Order recommending approval, evidence demonstrating compliance with well construction standards must be submitted and approved by the Department. In repairing the well(s), you should work closely with the Department and/or a licensed well constructor to ensure that repairs are carried out in a manner that will not violate well construction or other rules. You are encouraged to contact Joel Jeffery of the Department's Well Construction and Compliance Section at 503-986-0852 to determine how to proceed.

Please also note that regardless of the outcome of this application, you will need to work with the Department to either repair or abandon the well(s) to comply with the minimum standards for the construction, conversion, alteration, maintenance, and abandonment of water supply wells in order to protect the state's groundwater supply (OAR 690-200).

## Summary

The appropriation of 7.89 CFS of water from Well 1 (MARI 16010) in North Santiam River Basin for temperature control on 52.6 acres is allowable November 1 to May 31 of each year.

The appropriation of 7.89 CFS of water from Well 2 (MARI 16019) in North Santiam River Basin for temperature control on 52.6 acres is allowable November 1 to May 31 of each year, contingent upon compliance with minimum well construction standards.

The appropriation of 7.89 CFS of water from Greenhouse Well (MARI 16018) and Shop Well (MARI 16020) in North Santiam River Basin for temperature control on 52.6 acres is allowable October 1 to May 31 of each year, contingent upon compliance with minimum well construction standards.

Please submit evidence of well construction compliance no later than **September 19, 2019**. If you are unable to submit the information listed above, you may request an administrative hold for up to an additional 180 days. You must submit the request in writing, stating how much more time you will need and why you need additional time. If an administrative hold is granted, your application will not be processed further until the requested information is received or the extended deadline has passed.

If we do not receive the items requested above or a request for an administrative hold by this date, the Department will likely proceed with a Proposed Final Order recommending groundwater withdrawal only from Well 1 (MARI 16010).

Application G-18739 can move to the next phase of the water-rights application review process, which includes a public interest review.

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.

**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 **August 30, 2019**. 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. **Water Use Measurement, Recording, and Reporting Condition:**
  - 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. **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.

#### 5. **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.

**6. Temperature Control Report Condition:**

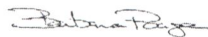
A report detailing the amount of water used, the times of application, and conditions requiring the use of water for temperature control shall be required annually. These shall be required as an element of proof of appropriation to the satisfaction of the Department prior to issuance of a confirming water right certificate.

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 503-986-0900. 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 Park Poage  
Water Right Application Specialist  
Oregon Water Resources Department

Enclosures: Application Process Description and Stop Processing Request Form

G-18739  
WAB: 141

# APPLICATION FACT SHEET

Application File Number: G-18739

Applicant: WEYERHAEUSER NR CO.

County: MARION

Watermaster: Joel Plahn, 16, NWR

Priority Date: September 28, 2018

Source: WELL 1 (MARI 16010), GREENHOUSE WELL (MARI 16018), WELL 2 (MARI 16019), AND SHOP WELL (MARI 16020) IN NORTH SANTIAM RIVER BASIN

Use: TEMPERATURE CONTROL ON 52.6 ACRES

Quantity: 10.79 CUBIC FEET PER SECOND

Basin Name & Number: Willamette, #2

WAB: N SANTIAM R > SANTIAM R - AT MOUTH

Well Location(s):

POA Name	Twp	Rng	Mer	Sec	Q-Q	Measured Distances
WELL 1 (MARI 16010)	10 S	2 W	WM	4	SE SW	250 FEET NORTH AND 1940 FEET EAST FROM SW CORNER, SECTION 4
GREENHOUSE WELL (MARI 16018)	10 S	2 W	WM	4	SE SW	250 FEET NORTH AND 2000 FEET EAST FROM SW CORNER, SECTION 4
WELL 2 (MARI 16019)	10 S	2 W	WM	9	SW NW	1760 FEET SOUTH AND 1250 FEET EAST FROM NW CORNER, SECTION 9
SHOP WELL (MARI 16020)	10 S	2 W	WM	4	SW SW	420 FEET NORTH AND 1150 FEET EAST FROM SW CORNER, SECTION 4

Place of Use:

Twp	Rng	Mer	Sec	Q-Q	Acres
10 S	2 W	WM	5	SE SE	4.5
10 S	2 W	WM	8	NE NE	17.3
10 S	2 W	WM	8	SE NE	1.4
10 S	2 W	WM	9	NW NW	12.9
10 S	2 W	WM	9	SW NW	16.5

**PUBLIC NOTICE DATE: August 20, 2019**

**14 DAY STOP PROCESSING DEADLINE DATE: August 30, 2019**

**30 DAY COMMENT DEADLINE DATE: September 19, 2019**



## 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.oregon.gov/OWRD](http://www.oregon.gov/OWRD)

### *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) 986-0900.

### *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-18739**.
- 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:

**August 30, 2019**

- 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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# Mailing List for IR Copies

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Application G-18739

IR Date: August 16, 2019

**Original and map mailed to applicant:**

WEYERHAEUSER NR CO.  
16014 PLETZER RD SE  
TURNER OR 97392

**Sent via auto email:**

1. WRD – Watermaster Joel Plahn # 16
2. ODFW
3. DEQ
4. Agent – WILL MCGILL, [willmcgill.surveying@gmail.com](mailto:willmcgill.surveying@gmail.com)

**Copies sent to:**

1. WRD - File G-18739
2. WRD – SW Section (PSI)
3. Santiam Water Control District, 284 E Water St., Stayton OR 97383

Copies Mailed

By: \_\_\_\_\_  
(SUPPORT STAFF)

On: \_\_\_\_\_  
(DATE)