

Oregon Water Resources Department
Water Right Services Division

Water Right Application G-18805 in the	)	
name of MATTHEW DUNN AND	)	PROPOSED FINAL ORDER
JEANINE DUNN	)	

Summary: The Department proposes to issue an order approving Application G-18805 and a permit consistent with the attached draft permit.

Authority

The application is being processed in accordance with Oregon Revised Statute (ORS) 537.615 through 537.628, and 390.826, and Oregon Administrative Rule (OAR) Chapter 690, Divisions 5, 8, 9, 33, 300, 310, 400, 410, and the Willamette Basin Program OAR 690-502. These statutes and rules can be viewed on the following website: <https://www.oregon.gov/OWRD/programs/policylawandrules/Pages.default.aspx>.

The Department's main website can be found at: <https://www.oregon.gov/OWRD>.

The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525 if:

- a) The proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12);
- b) Water is available;
- c) The proposed use will not injure other water rights; and
- d) The proposed use complies with the rules of the Commission. ORS 537.621(2); OAR 690-310-0150(2)(b)

All four criteria must be met for a proposed use to be presumed to ensure the preservation of the public welfare, safety and health. When the criteria are met and the presumption is established the Department must further evaluate the proposed use, any comments received information available in its files or received from other interested agencies and any other available information to determine whether the presumption is overcome. OAR 690-310-0140

If the Department determines that the presumption is established and not overcome, the Department shall issue a Proposed Final Order recommending issuance of the permit subject to any appropriate modifications or conditions.

FINDINGS OF FACT

Application History

1. On March 25, 2019, Matthew Dunn and Jeanine Dunn filed a complete application for the following water use:

Source	A WELL IN CHICKEN CREEK BASIN
Use	IRRIGATION OF 1.0 ACRE
Rate	0.009 CUBIC FOOT PER SECOND (CFS)
County	WASHINGTON COUNTY
Place of Use	SECTION 2, TOWNSHIP 3 SOUTH, RANGE 2 WEST, W.M.

2. On July 5, 2019, the Department mailed the applicant notice of its Initial Review, determining that **"The appropriation of 0.009 CFS of water from a well in Chicken Creek Basin for irrigation of 1.0 acre is allowable March 1 through October 31 of each year, if limited to drip or equally efficient irrigation; 1.0 AF per acre per year; and for a period not to exceed five years."** The applicant did not notify the Department to stop processing the application within 14 days of that date.
3. On July 9, 2019, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about obtaining future notices and a copy of the Proposed Final Order.

Presumption Criteria (a) - Consistency with Basin Program

4. The proposed groundwater use is within Chehalem Mountain Groundwater Limited Area.
5. The Willamette Basin Program allows the appropriation of water from the Chehalem Mountain Groundwater Limited Area for irrigation, which must be limited to drip or equally efficient irrigation and 1.0 acre foot of water per acre (OAR 690-310-0200(1)). Permits in the groundwater limited area may be issued for a maximum of five years. The permit may be renewed for additional periods of time, not to exceed five years, if the Director finds the groundwater resource will likely support the extended use. ORS 537.620(4)(a), 537.621(3)(a); OAR 690-310-0150(2)(a)

Presumption Criteria (b) - Water Availability

6. An assessment of groundwater availability has been completed by the Department's Groundwater Section. A copy of this assessment is in the file and can be viewed on the Department's website. 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 or to the groundwater resource. ORS 537.621(3)(c); OAR 690-310-0150(2)(c)

Presumption Criteria (c) - Injury Determination

7. The proposed use, if authorized, will not injure other water rights. ORS 537.621(3)(d); OAR 690-310-0150(2)(e)

Presumption Criteria (d) - Whether the use complies with rules of the Commission

8. 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)
9. The Department has determined that the proposed groundwater use will not have the potential for substantial interference with surface water. ORS 537.621(3)(b); OAR 690-009-0040(4)
10. The proposed use complies with rules of the Water Resources Commission not otherwise described above.

Determination of Presumption that a proposed groundwater use will ensure the preservation of the public welfare, safety and health

Based on the review of the presumption criteria (a)-(d) above, the presumption has been established. ORS 537.621(2); OAR 690-310-0150(2)(g)

Further evaluation of the proposed use

11. No comments were received by the close of the comment period. OAR 690-310-0140(3)(a)
12. Information available in Department files, received from other interested agencies, and other available information does not provide a preponderance of evidence that the proposed use would not ensure the preservation of the public welfare, safety and health under ORS 537.525. OAR 690-310-0140(3)

Other Criteria and Requirements

13. The proposed use is not located within or above a state scenic waterway, as designated under ORS 390.826. 537.621(3)(a); OAR 690-310-0150(2)(a)
14. The amount requested, 0.009 CFS, is necessary for the proposed use. ORS 537.621(3)(c); OAR 690-310-0150(2)(d)
15. The applicant proposed methods to measure the amount of water diverted, prevent damage to aquatic life and riparian habitat, prevent discharge of contaminated water to a surface stream, or to prevent damage to public uses of any affected surface waters. These measures are adequate at this time. OAR 690-310-0150(2)(j)

CONCLUSION OF LAW

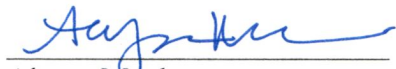
1. The proposed use, as conditioned, would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

NOTE: When issuing permits, ORS 537.628(1) authorizes the Department to include limitations and conditions which have been determined necessary to protect the public welfare, safety and health.

PROPOSED ORDER

The Department recommends approval of Application G-18805 and issuance of a permit consistent with the attached draft permit.

DATED October 15, 2019

A handwritten signature in blue ink, appearing to read 'Alyssa Mucken', is written over a horizontal line.

Alyssa Mucken
Water Rights Section Manager, for
Thomas M. Byler, Director
Oregon Water Resources Department

Protests

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for groundwater), you can protest this Proposed Final Order. Protests must be received by the Water Resources Department no later than **November 27, 2019**. Protests must be in writing and include the following:

- Your name, address, and telephone number;
- A description of your interest in the Proposed Final Order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in the Proposed Final Order would impair or be detrimental to your interest;
- A detailed description of how the Proposed Final Order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known;
- To affect the Department's determination that the proposed use in this application will, or will not, ensure the preservation of the public welfare, safety and health as described in ORS 537.525, ORS 537.621(2)(b) requires that a protest demonstrate, by a preponderance of evidence any of the following: (a) One or more of the criteria for establishing the presumption are, or are not, satisfied; or (b) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected, and specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected;
- If you are the applicant, a protest fee of \$410 required by ORS 536.050; and
- If you are not the applicant, a protest fee of \$810 required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing.

Requests for Standing

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for groundwater), persons other than the applicant who support a Proposed Final Order can request standing for purposes of participating in any contested case proceeding on the Proposed Final Order or for judicial review of a Final Order.

Requests for standing must be received in the Water Resources Department no later than **November 27, 2019**. Requests for standing must be in writing, and must include the following:

- The requester's name, mailing address and telephone number;
- If the requester is representing a group, association or other organization, the name, address and telephone number of the represented group;
- A statement that the requester supports the Proposed Final Order as issued;
- A detailed statement of how the requester would be harmed if the Proposed Final Order is modified; and

DRAFT

This is not a permit.

DRAFT

STATE OF OREGON

COUNTY OF WASHINGTON

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT SHALL EXPIRE OCTOBER 31, 2021

THIS DRAFT PERMIT IS HEREBY ISSUED TO

MATTHEW DUNN
JEANINE DUNN
21920 SW CHAPMAN RD
SHERWOOD OR 97140

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

APPLICATION FILE NUMBER: G-18805

SOURCE OF WATER: A WELL IN CHICKEN CREEK BASIN

PURPOSE OR USE: IRRIGATION OF 1.0 ACRE

MAXIMUM RATE: 0.009 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 25, 2019

WELL LOCATION:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
3 S	2 W	WM	2	NW NW	330 FEET SOUTH AND 195 FEET EAST FROM NW CORNER, SECTION 2

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 1.0 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
3 S	2 W	WM	2	NW NW	1.0

1. 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.

2. Static Water Level Condition 1:

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. **Static Water Level Condition 2:**

Use of water from any well, as allowed herein, shall be controlled or shut off if the well displays:

- A. An average water-level decline of 3 or more feet per year for five consecutive years; or
- B. A total water-level decline of 15 or more feet; or
- C. A hydraulic interference decline of 15 or more feet in any neighboring well providing water for senior exempt uses or wells covered by prior rights.

The permittee/appropriator shall be responsible for complying with each of the following requirements for measuring water levels in the well(s).

- A. Use of water from a new well shall not begin until an initial static water level in the well has been measured and reported to the Department.
- B. In addition to the measurement required in the subsection above, a water-level measurement shall be made each year during the period March 1 through March 31.
- C. All water-level measurements shall be made by a qualified individual. Qualified individuals are certified water rights examiners, registered geologists, registered professional engineers, licensed land surveyors, licensed water well constructor, licensed pump installer, or the permittee/appropriator.
- D. Any qualified individual measuring a well shall use standard methods of procedure and equipment designed for the purpose of well measurement. The equipment used shall be well suited to the conditions of construction at the well. A list of standard methods of procedure and suitable equipment is available from the Department.

The permittee/appropriator shall report the record of measurement to the Department on a form available from the Department. The record of measurement shall include both measurements and calculations, shall include a certification as to their accuracy signed by the individual making the measurements, and shall be submitted to the Department within 90 days from the date of measurement. The Department shall determine when any of the declines cited herein are evidenced by the well measurement required in the static water level condition.

4. Special Permit Conditions:

- A. Irrigation allowed under this permit shall be by drip irrigation or by an equally efficient method.
- B. Groundwater production shall be limited to a single aquifer in the Columbia River Basalt Group.
- C. Each well shall be continuously cased and continuously sealed into hard dense basalt at a depth of 470 below land surface.
- D. The well(s) shall be continuously cased and continuously sealed to within 100 feet of the bottom of the open borehole. A larger open interval may be approved by the Department if the permittee can demonstrate to the Department's satisfaction, using packer tests or other suitable methods, that the hydraulic heads of water-bearing zones in the proposed open interval are equivalent or that the open interval is part of a continuous zone of interconnected porous materials.
- E. Following well completion, the well(s) shall be thoroughly developed to remove cuttings and drilling fluids. A video log of the well shall be collected to demonstrate to the satisfaction of the Department that the well is only open to a single aquifer.
- F. Drill cuttings shall be collected at the permitted well(s) and any test holes. Samples shall be collected at ten-foot intervals and at changes in lithology, and shall be submitted to the Department.
- G. The well(s) shall be equipped with a dedicated $\frac{3}{4}$ -inch diameter (minimum) water-level measurement tube, separate from other methods of measuring the water levels, such as airlines or transducers. The annual water-level measurement required in the permit shall be measured through the measuring tube. When requested, access to the well shall be provided to the Department staff in order to make water-level measurements.
- H. All hydrologic, geologic, geochemical, and video data collected shall be provided to the Department in report and in electronic form specified by the Department.
- I. **This permit shall expire October 31, 2021.** This permit may be renewed for additional periods of time, not to exceed five years, if the Director finds the groundwater resource can likely support the continued use. The following conditions shall have been met by the permittee in order for the Department to consider renewal.
 - a. Within two years of permit issuance, the permittee shall prepare a plan for the Director which shall indicate the steps for obtaining a long term water supply.

- b. Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

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.

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. 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

DRAFT - THIS IS NOT A PERMIT

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