4

Application No. G-18894

Permit No. _____

Certificate No. _____

Na
B
Ad

G-18894
Gregory L Bingaman
64088 McDonald Lane
La Grande OR 97850

Priority 12/16/2019

County Union WM# 6

RELATED FILES

G-18895

DEVELOPMENT Date

Completion _____

Extended to _____

Final Proof received _____

Proposed Cert. Mailed _____

Date

DENIED _____

MISFILED _____

WITHDRAWN _____

CANCELLED _____

Volume	Page

FEES PAID

Date	Amount	Receipt No.
12-18-19	$3,440.00	131550
	Cert. Fee	

FEES REFUNDED

Date	Amount	Receipt No.

ASSIGNMENTS

Date	To Whom	Address

REMARKS _____

MAP LOCATION _____

amm 12/18/2019

Rev. 04/03

Lisa - you may 12/18
need to e-mail agent
to get ALO address(es).
(I alaut see it on pg. 2 of app)
- Alyssa
Dsame notem
6-10095

WR

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

G-18894
Gregory L. Bingaman
64088 McDonald Lane
La Grande, OR 97850

9590 9402 7704 2122 6638 17

2. Article Number *(Transfer from service label)*

7022 3330 0000 2912 2110

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* GREG BINGAMAN

C. Date of Delivery 7/12

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

Received
JUL 15 2024
OWRD

3. Service Type

- ☐ Adult Signature
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First-Class Mail
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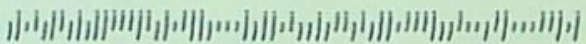
Oregon Water Resources Department
725 Summer St. Ne. Suite A
Salem, Or. 97301



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PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Mailing List for PFO Copies

Application G-18894

PFO Date July 2, 2024

Copies Mailed

By: TM
(SUPPORT STAFF)

On: 7-2-2024
(DATE)

Original mailed via CERTIFIED MAIL to applicant:

GREGORY L. BINGAMAN
64088 MCDONALD LANE
LA GRANDE OR 97850

Sent via auto email:

1. Agent – gtblackman@yahoo.com
2. WRD – Watermaster #6, Shad L. Hattan
3. WRD – Jason Spriet, ER
4. WRD – SW Section

Copies sent to:

1. WRD – File # G-18894

Application Specialist: Amanda Mather

Oregon Water Resources Department
Water Right Services Division

Water Right Application G-18894 in the name of GREGORY L. BINGAMAN	)))	PROPOSED FINAL ORDER TO DENY

Summary: The Department proposes to issue an order denying Application G-18894 because groundwater for the proposed use is not available within the capacity of the resource.

Although it is unlikely that a permit will be issued, if the Department's findings change, prior to the issuance of a permit, the Department must receive the following:

- **Permit recording fees in the amount of $610.00. A check should be made out to the Oregon Water Resources Department or OWRD.**

Please include the application number on any documents submitted.

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 Grande Ronde Basin Program (OAR 690-508). These statutes and rules can be viewed on the following website: www.oregon.gov/OWRD/programs/policylawandrules

The Department's main website can be found at: 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 ORS 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 690-310-0130.

All four criteria must be met for a proposed use to be presumed to ensure the preservation of the public welfare, safety and health. This shall be a rebuttable presumption and may be overcome by a preponderance of evidence that either one or more of the criteria for establishing the presumption are not satisfied, or that the proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in any comments received, information available in the Department's files or received from other interested agencies, and any other available information. ORS 537.621(2); OAR 690-310-0130(2).

If the Department determines that the presumption is not established, the Department shall determine whether the proposed use will impair or adversely affect the public welfare, safety and health under ORS 537.525 and may either:

a) Propose denial of the application upon a finding that the use will impair or adversely affect the public welfare, safety and health; or

b) Make specific findings to demonstrate that even though the presumption is not established, the proposed use will not impair or adversely affect the public welfare, safety and health and propose approval of the application with appropriate modifications or conditions.

OAR 690-310-0140(2).

FINDINGS OF FACT

Application History

1. On December 16, 2019, Gregory L. Bingaman filed a complete application for the following water use:

Source:	A WELL (UNIO 50684) IN CANYON CREEK BASIN
Use:	IRRIGATION OF 310.89 ACRES
Rate:	5.18 CUBIC FEET PER SECOND (CFS), FURTHER LIMITED TO 932.67 ACRE-FEET (AF) ANNUALLY
Period of Use:	MARCH 1 THROUGH OCTOBER 1
County:	UNION COUNTY
Place of Use:	SECTIONS 13 AND 14, TOWNSHIP 2 SOUTH, RANGE 38 EAST, W.M.

2. On August 7, 2020, the Department mailed the applicant notice of its Initial Review, determining that the appropriation of 5.18 CFS of water from a well (UNIO 50684/L40696) in Canyon Creek Basin for irrigation of 310.89 acres is allowable March 1 through October 31 of each year. The applicant did not notify the Department to stop processing the application within 14 days of that date.

3. On August 11, 2020, the Department provided notice of the application in its weekly public notice, requesting comments, and providing information for interested persons about obtaining future notices and a copy of the Proposed Final Order.

4. The Department's continuing evaluation reveals that the following corrections to the Initial Review are necessary to accurately reflect the application for a Permit. The Department has determined an error was made in the Initial Review as to the time of the year that the applicant proposed to use the water. The applicant indicated on the application that the proposed use would be March 1 through October 1 of each year. The determinations of the Initial Review should be corrected to reflect the period of use as March 1 through October 1 of each year.

5. On March 9, 2023, the Department's Groundwater Section issued a re-review of the application, which indicated that groundwater for the proposed use is not available within the capacity of the resource.

Presumption Criterion (a) - Consistency with Basin Program

6. Irrigation is allowed under the Grande Ronde Basin Program (OAR 690-508-0020(1)(a)). ORS 537.621(3)(b); OAR 690-310-0150(2)(b).

7. The proposed groundwater use is not within a designated critical groundwater area. ORS 537.621(3)(b); OAR 690-310-0150(2)(b).

Presumption Criterion (b) - Water Availability

8. An assessment of groundwater availability has been completed by the Department. A copy of this assessment is in the file and can be viewed on the Department's website. Groundwater for the proposed use is not over-appropriated; however, groundwater for the proposed use is not available within the capacity of the resource. Therefore, groundwater is **not** available for the proposed use. ORS 537.621(3)(c); OAR 690-310-0150(2)(c); OAR 690-300-0010(57).

9. The Department has determined that the proposed groundwater use will not have the potential for substantial interference (PSI) with surface water. ORS 537.621(3)(c); OAR 690-009-0040.

Presumption Criterion (c) - Injury Determination

10. If properly conditioned (and if authorized), the proposed use of groundwater will not injure other water rights. ORS 537.621(3)(d); OAR 690-310-0150(2)(e).

Presumption Criterion (d) - Whether the Use Complies with Rules of the Commission

11. 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).

12. The proposed use is located above the Wallowa-Grande Ronde State 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. OAR 690-310-0260(9)(a).

Presumption that a Proposed Use will Ensure the Preservation of the Public Welfare, Safety and Health under ORS 537.525

13. Because water is not available, one of the criteria necessary to establish the presumption is not met and the presumption that the proposed groundwater use will ensure the preservation of the public, welfare, safety and health under ORS 537.525 is **not** established. OAR 690-310-0140(1); OAR 690-310-0150(2)(h).

14. Because the presumption is not established, the Department evaluated whether the proposed use will impair or adversely affect the public welfare, safety and health under ORS 537.525. OAR 690-310-0140(2).

15. In accordance with ORS 537.525(3), in order to insure the preservation of the public welfare, safety and health it is necessary that beneficial use without waste, within the capacity of available sources, be the basis, measure and extent of the right to appropriate ground water. Public welfare, safety and health under ORS 537.525(3) would be impaired or detrimentally affected for the following reasons. The Department finds that groundwater for the proposed use is not available

within the capacity of the resource. The substantial increase in pumping proposed under Applications G-18894 (this application) and G-18895 raises concerns about the long-term sustainability of the productive aquifer utilized by UNIO 50684. As such, the proposed use is determined to be not within the capacity of the resource. Therefore, the proposed use will impair or adversely affect the public welfare, safety, and health under ORS 537.525. ORS 537.525; ORS 537.621(2); OAR 690-310-0140(2).

Further Evaluation of the Proposed Use

16. No written comments were received by the close of the comment period. OAR 690-310-0150(1).

Other Criteria and Requirements

17. The amount of water requested, 5.18 CFS, is necessary for the proposed use. ORS 537.621(3)(c); OAR 690-310-0150(2)(d).

18. The applicant proposed measures to prevent waste, measure the amount of water appropriated, prevent damage to aquatic life and riparian habitat, prevent discharge of contaminated water to a surface stream and to prevent damage to public uses of any affected surface waters. These measures are included in Sections 6 and 8 of the application. OAR 690-310-0150(2)(j).

19. The proposed use complies with rules of the Water Resources Commission not otherwise described above.

CONCLUSION OF LAW

1. The proposed use will not ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

PROPOSED ORDER

The Department recommends issuing an order denying Application G-18894.

DATED July 2, 2024

Katherine Ratcliffe

Katherine Ratcliffe
Water Rights Section Manager, for
Ivan Gall, 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. If you wish to submit a protest by U.S. mail, please consider mailing early to ensure the Department receives the protest by the deadline specified. Protests must be received by the Water Resources Department no later than **August 16, 2024.**

As provided in ORS 537.621(7), ORS 536.050(1)(j), and OAR 690-002-0025 — 0035, 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;
- Any information or evidence that the proposed use or the proposed use as modified would preserve the public welfare, safety and health as provided in ORS 537.625(3).
- If you are the applicant, a protest fee of $480 required by ORS 536.050; and
- If you are not the applicant, a protest fee of $950 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 **August 16, 2024**. 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
- A standing fee of $270. If a hearing is scheduled, an additional fee of $680 must be submitted along with a petition for party status.

After the protest period has ended, the Director will either issue a Final Order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and either:

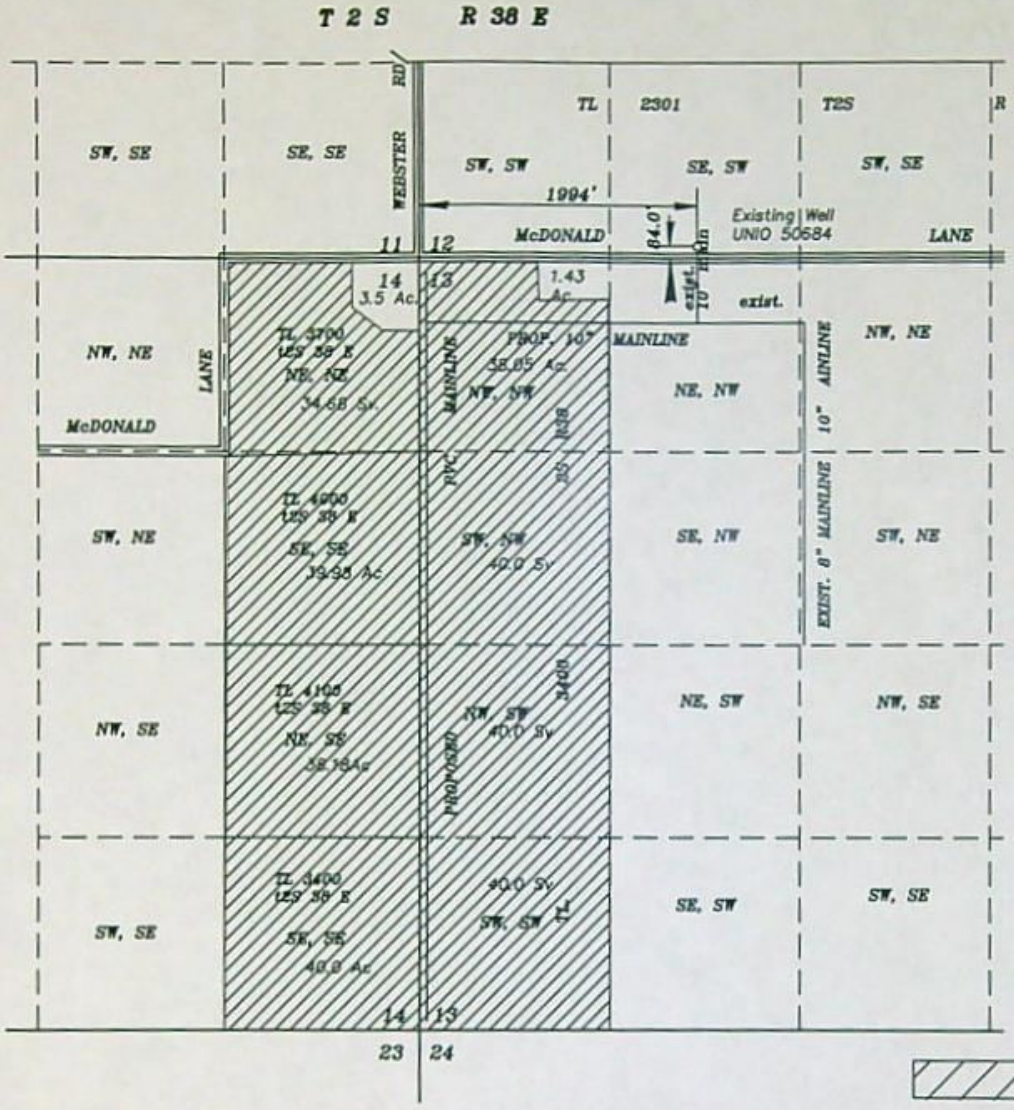
- upon review of the issues, the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

If you do not timely file a protest or timely request a hearing, or if you withdraw a request for a hearing, notify the Department or the administrative law judge that you will not appear or fail to appear at a scheduled hearing, the Director may issue a Final Order by default. If the Director issues a Final Order by default, the Department designates the relevant portions of its files on this matter, including all materials that you have submitted relating to this matter, as the record for purpose of proving a *prima facie* case upon default. OAR 137-003-0670.

You may be represented by an attorney at the hearing. Legal aid organizations may be able to assist a party with limited financial resources. Generally, partnerships, corporations, associations, governmental subdivisions or public or private organizations are represented by an attorney. However, consistent with OAR 690-002-0020 and OAR 137-003-0555, an agency representative may represent a partnership, corporation, association, governmental subdivision or public or private organization if the Department determines that appearance of a person by an authorized representative will not hinder the orderly and timely development of the record in this case.

Notice To Active Duty Servicemembers: Active-duty service members have a right to stay proceedings under the federal Service Members Civil Relief Act. 50 U.S.C. App. §§501-597b. For more information contact the Oregon State Bar at 800-452-8260, the Oregon Military Department at 971-355-4127, or the nearest United States Armed Forces Legal Assistance Office through http://legalassistance.law.af.mil.

- If you have any questions about statements contained in this document, please contact Amanda Mather at Amanda.L.Mather@water.oregon.gov or 971-718-7937.
- If you have questions about how to file a protest or if you have previously filed a protest and you want to know the status, please contact Will Davidson at Will.D.Davidson@water.oregon.gov or 503-507-2749.
- If you have any questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at 503-986-0900.
- Address any correspondence to: Water Right Services Division
  725 Summer St NE, Suite A
  Fax: 503-986-0901 Salem, OR 97301-1266



SCALE: 1"=1320'

RECEIVED
DEC 16 2019
OWRD

Lands requesting primary water from well UNIO 50684.

Proposed point of diversion is authorized under Certificate No. 89503 shown. POD located at a point 84" North and 1994" East from the SW Corner of Secftion 12, T2S R 38 E, WM. This point of diversion is existing and is a working Basalt Well, well log UNIO 50684 with a priority date of January 31, 2003.

Certified Water Right Examiner
021
Gregory T. Blackman
Nov. 19, 1987
STATE OF OREGON

NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

G-10094

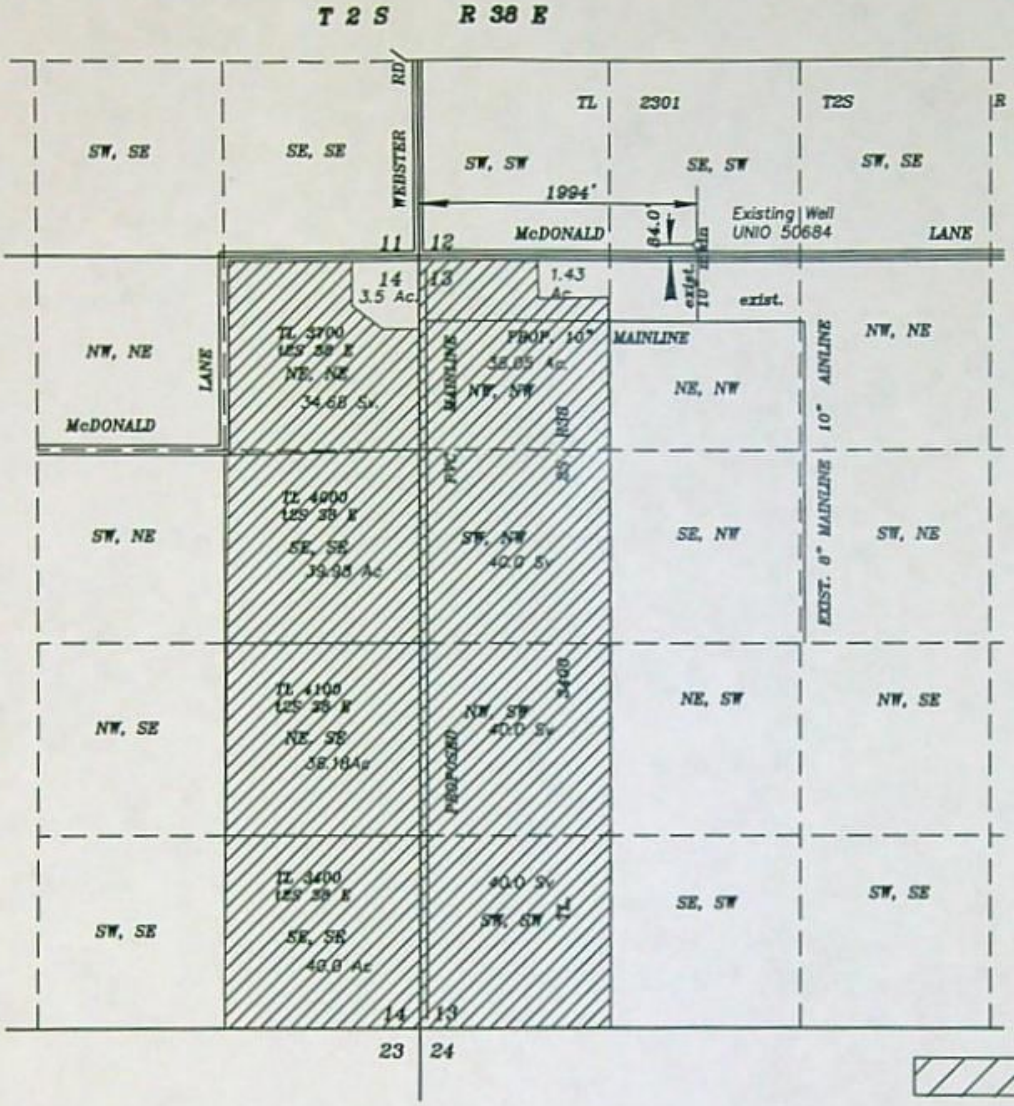
NOVEMBER 21, 2019

APPLICATION MAP FOR IRRIGATION OF LANDS FROM AN EXISTING BASALT WELL FOR GREG BINGAMAN

BY
GREG BLACKMAN WATER RIGHTS
126 RIDGE DRIVE
LA GRANDE, OREGON 97850

APPLICATION NO. _____

PERMIT NO. _____



SCALE: 1"=1320'

RECEIVED
DEC 16 2019
OWRD

Lands requesting primary water from well UNIO 50684.

Proposed point of diversion is authorized under Certificate No. 89503 shown. POD located at a point 84" North and 1994" East from the SW Corner of Secftion 12, T2S R 38 E, WM. This point of diversion is existing and is a working Basalt Well, well log UNIO 50684 with a priority date of January 31, 2003.

Certified Water Right Examiner
021
Gregory T. Blackman
Nov. 19, 1987
STATE OF OREGON

NOVEMBER 21, 2019

APPLICATION MAP FOR IRRIGATION OF LANDS FROM AN EXISTING BASALT WELL FOR GREG BINGAMAN

BY
GREG BLACKMAN WATER RIGHTS
126 RIDGE DRIVE
LA GRANDE, OREGON 97850

APPLICATION NO. _____

PERMIT NO. _____

NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

G-10894

Mailing List for IR Copies

Application G-18894

IR Date: August 7, 2020

Copies Mailed

By: TM
(SUPPORT STAFF)

On: 8/7/2020
(DATE)

Original and map mailed to applicant:

GREGORY L. BINGAMAN
64088 MCDONALD LANE
LA GRANDE OR 97850

Sent via auto email:

1. Agent – Greg Blackman: gtblackman@yahoo.com
2. WRD – Watermaster #6, Janna Stevens
3. WRD - Jason Spriet ER
4. WRD – SW Section

Copies sent to:

1. WRD - File G-18894
2. A.L.O. - Speckhart Farms Inc; Joanne Parsons; 63970 Mc Donald Lane; La Grande, Oregon 97850
3. A.L.O. - TSJ Koza Inc; 69264 Squire Loop; Cove, Oregon 97824

Application Specialist: Lisa Graham

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**

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.

Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

Water Right Application Initial Review

August 7, 2020

GREGORY L. BINGAMAN
64088 MCDONALD LANE
LA GRANDE OR 97850

Reference: Application G-18894

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:

Preliminary Determinations under Oregon Administrative Rule (OAR) 690-310-0080:

1. Application G-18894 proposes the appropriation of 5.18 cubic feet per second (CFS) of water from a well (UNIO 50684/L40696) in Canyon Creek Basin for irrigation of 310.89 acres March 1 through 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 Grande Ronde Basin Program. (OAR 690-508-0020(1)(a))

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 will not have the potential for substantial interference with any surface water source.

6. The proposed use is located above the Grande Ronde Scenic Waterway, as designated under Oregon Revised Statute 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 point of appropriation is not located within a critical, limited, or withdrawn groundwater area.

8. Documentation has been submitted from the relevant land-use planning jurisdiction that indicates the proposed use is allowed outright.

9. The application proposed a rate that is higher than the general basin-wide standard and submitted information that demonstrates the need for the higher amount. Oregon Revised Statute 537.621(4) allows the Department to authorize the requested amount, except upon specific findings related to the application to support a determination that a lesser amount is needed. The Department has determined there is a need for the higher amount of 1/60th of a CFS per acre.

Summary of Preliminary Determinations
The appropriation of 5.18 CFS of water from a well (UNIO 50684/L40696) in Canyon Creek Basin for irrigation of 310.89 acres is allowable March 1 through October 31 of each year.

Because of the favorable determinations described herein, Application G-18894 can move to the next phase of the water-rights application review process, which includes a public interest review.

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

- To 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.

- To Withdraw - You may withdraw the application and receive a refund (minus a $260 examination fee per application). You must notify the Department **in writing** by **August 21, 2020**. 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. **The Department shall be granted access to the well in order to conduct static water level measurements in addition to yearly static water level measurements in March, as required by the condition above.**

6. **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.

7. **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 website at https://www.oregon.gov/ODA to learn more about the plans and how they may affect the proposed water use.

For Further Information:

Feel free to contact me at Elisabeth.A.Graham@oregon.gov or 503-986-0808 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: Lisa Graham, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266. Our fax number is 503-986-0901.

Sincerely,

Lisa Graham

Lisa Graham
Water Right Application Specialist
Oregon Water Resources Department

Enclosures: Application Process Description and Stop Processing Request Form

G-18894
WAB: No PSI
Proposed to Approve

APPLICATION FACT SHEET

Application File Number: G-18894

Applicant: GREGORY L. BINGAMAN

County: UNION

Watermaster: JANNA STEVENS, 6, ER

Priority Date: DECEMBER 16, 2019

Source: A WELL (UNIO 50684/L40696) IN CANYON CREEK BASIN

Use: IRRIGATION OF 310.89 ACRES

Quantity: 5.18 CUBIC FEET PER SECOND

Basin Name & Number: GRANDE RONDE, #8

WAB: GRANDE RONDE R > SNAKE R - AB WILLOW CR

Well Location:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
2 S	38 E	WM	12	SE SW	84 FEET NORTH AND 1994 FEET EAST FROM SW CORNER, SECTION 12

Place of Use:

Twp	Rng	Mer	Sec	Q-Q	Acres
2 S	38 E	WM	13	NW NW	38.05
2 S	38 E	WM	13	SW NW	40.00
2 S	38 E	WM	13	NW SW	40.00
2 S	38 E	WM	13	SW SW	40.00
2 S	38 E	WM	14	NE NE	34.68
2 S	38 E	WM	14	SE NE	39.98
2 S	38 E	WM	14	NE SE	38.18
2 S	38 E	WM	14	SE SE	40.00

PUBLIC NOTICE DATE: August 11, 2020

14 DAY STOP PROCESSING DEADLINE DATE: August 21, 2020

30 DAY COMMENT DEADLINE DATE: September 10, 2020

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

- Stop processing deadline is within 14 days of Initial Review.

Applicant notification to withdraw Water Right Application **G-18894.**

After reviewing the Initial Review for my application, I request that processing be stopped and fees be refunded (minus a $260 examination 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 by the Water Resources Department no later than:

August 21, 2020

- Return the notice to:

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

Groundwater Application Review Summary Form

Application # G- 18894

GW Reviewer Phil Marcy **Date Review Completed:** 2/14/2020

Summary of GW Availability and Injury Review:

[ ] Groundwater for the proposed use is either over appropriated, will not likely be available in the amounts requested without injury to prior water rights, OR will not likely be available within the capacity of the groundwater resource per Section B of the attached review form.

Summary of Potential for Substantial Interference Review:

[ ] There is the potential for substantial interference per Section C of the attached review form.

Summary of Well Construction Assessment:

[ ] The well does not appear to meet current well construction standards per Section D of the attached review form. Route through Well Construction and Compliance Section.
dl 2/25/20

This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations and for conditions that may be necessary for a permit (if one is issued).

WATER RESOURCES DEPARTMENT

MEMO February 14, 2020

TO: Application G- 18894

FROM: GW: Phil Marcy
(Reviewer's Name)

SUBJECT: Scenic Waterway Interference Evaluation

☒ YES
The source of appropriation is within or above a Scenic Waterway
☐ NO

☒ YES
Use the Scenic Waterway condition (Condition 7J)
☐ NO

☐ Per ORS 390.835, the Groundwater Section is **able** to calculate ground water interference with surface water that contributes to a Scenic Waterway. The calculated interference is distributed below.

☒ Per ORS 390.835, the Groundwater Section is **unable** to calculate ground water interference with surface water that contributes to a scenic waterway; **therefore, the Department is unable to find that there is a preponderance of evidence that the proposed use will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway.**

DISTRIBUTION OF INTERFERENCE

Calculate the percentage of consumptive use by month and fill in the table below. If interference cannot be calculated, per criteria in 390.835, do not fill in the table but check the "unable" option above, thus informing Water Rights that the Department is unable to make a Preponderance of Evidence finding.

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date 02/14/2020

FROM: Groundwater Section Phillip I. Marcy
Reviewer's Name

SUBJECT: Application G- 18894 Supersedes review of
Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *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.* Department staff review groundwater applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. **This review is based upon available information and agency policies in place at the time of evaluation.**

A. GENERAL INFORMATION: Applicant's Name: **Gregory L. Bingaman** County: **Union**

A1. Applicant(s) seek(s) 5.18 cfs from 1 well(s) in the Grande Ronde Basin, subbasin

A2. Proposed use Irrigation (310.89 acres) Seasonality: March 1st – October 1st (214 days)

A3. Well and aquifer data (**attach and number logs for existing wells; mark proposed wells as such under logid**):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	UNIO 50684	1	Basalt	5.18	2S/38E-12 SE-SW	84'N, 1994'E fr SW cor, S 12
2						
3						
4						
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	2775	154	-30.03	03/24/2008	3138	0-197; 1772-1872	0-1772	NA	1772-1952; 2352-2472; 2417-2457; 2587-2687; 2697-2767; 2817-3138	1700	36' in 7 hours	Pump

Use data from application for proposed wells.

A4. **Comments:** The proposed POA well is constructed to produce from Powder River Volcanics and associated volcaniclastic lithologies at depths below 1872' below land surface. This well is an authorized POA on three existing water rights, Certificate 89503, Permit G-12738, and Permit G-15160, for a total authorized rate of 6.7 cfs. The reported yield of the POA well is 1700 gpm (3.79 cfs), far below what is already authorized.

A5. ☒ **Provisions of the** Grande Ronde Basin rules relative to the development, classification and/or management of groundwater hydraulically connected to surface water ☐ **are**, *or* ☒ **are not**, activated by this application. (Not all basin rules contain such provisions.)
Comments:

A6. ☐ **Well(s) #** _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area:
Comments:

B. GROUNDWATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. **Based upon available data**, I have determined that groundwater* for the proposed use:

a. ☐ **is** over appropriated, ☒ **is not** over appropriated, *or* ☐ **cannot be determined to be** over appropriated during any period of the proposed use. * This finding is limited to the groundwater portion of the over-appropriation determination as prescribed in OAR 690-310-130;

b. ☐ **will not** *or* ☐ **will** likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the groundwater portion of the injury determination as prescribed in OAR 690-310-130;

c. ☐ **will not** *or* ☐ **will** likely to be available within the capacity of the groundwater resource; or

d. ☒ **will, if properly conditioned**, avoid injury to existing groundwater rights or to the groundwater resource:
   i. ☒ The permit should contain condition #(s) **7N; "Large Water Use Reporting"**;
   ii. ☐ The permit should be conditioned as indicated in item 2 below.
   iii. ☐ The permit should contain special condition(s) as indicated in item 3 below;

B2. a. ☐ **Condition** to allow groundwater production from no deeper than _____ ft. below land surface;

b. ☐ **Condition** to allow groundwater production from no shallower than _____ ft. below land surface;

c. ☐ **Condition** to allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;

d. ☐ **Well reconstruction** is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Groundwater Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

B3. **Groundwater availability remarks:** The proposed POA well, UNIO 50684, produces from volcanic flow rocks and associated volcaniclastics of the Powder River Volcanics and likely the upper portions of the Grande Ronde Basalt of the Columbia River Basalt Group. Based on construction and similar head elevations, two nearby wells appear to produce water from the same source aquifer. UNIO 2046 lies about 3 miles NNE of the proposed POA, is authorized for irrigation use under certificate 90496, and belongs to the applicant. UNIO 173 is located 2.75 miles due north of the proposed POA, is authorized under certificate 51170 and permits G-15644 and G-16963, and is not owned by the applicant, and therefore likely represents the most likely target of possible well to well interference.

Calculations of expected drawdown at neighboring UNIO 173 include all currently authorized pumping, in addition to the proposed rate herein, a total of 11.88 cfs. Using a range of transmissivity values derived from nearby pump tests in basalt wells, and a range of storativity values appropriate for confined aquifers, a series of Theis drawdown calculations were performed. Expected impacts at UNIO 173 from pumping UNIO 50684 at 11.88 cfs for a period of 245 days fall between 25 and 50 feet under the most likely scenarios. Static water levels in UNIO 173 are typically between 55 and 85 feet above land surface, meaning that if 50' of drawdown does occur, resulting static water level will likely remain above land surface.

C. GROUNDWATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040

C1. **690-09-040 (1):** Evaluation of aquifer confinement:

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	**Powder River Volcanics and CRBG**	☒	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Basis for aquifer confinement evaluation: The applicant's well produces from depths below 1872' below land surface, and flows artesian at land surface. It is typical for wells producing from deep-seated volcanic aquifers in this region to have static water levels well above the elevation of their respective water-bearing zones.

C2. **690-09-040 (2) (3):** Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected? YES	NO	ASSUMED	Potential for Subst. Interfer. Assumed? YES	NO
1	1	**Canyon Creek**	**2805**	**2720**	**5200**	☐	☒	☐	☐	☒
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: Groundwater in the deep-seated volcanic aquifer in the Grande Ronde Valley is likely hydraulically isolated, due to thick successions of volcanic rock and fine-grained sediments that severely limit the ability of groundwater to migrate vertically. In addition, the elevation difference between groundwater in the POA well and surface water within 1 mile are significantly different.

Water Availability Basin the well(s) are located within: GRANDE RONDE R> SNAKE R- AB WILLOW CR

C3a. **690-09-040 (4):** Evaluation of stream impacts for each well that has been determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% *natural* flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked ☒ box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be **hydraulically connected and less than 1 mile** from a surface water source. **Complete only if Q is distributed among wells.** Otherwise same evaluation and limitations apply as in C3a above.

	SW #		Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
			☐			☐		☐		☐
			☐			☐		☐		☐
			☐			☐		☐		☐
			☐			☐		☐		☐

Comments: This section does not apply.

C4a. **690-09-040 (5):** Estimated impacts on **hydraulically connected surface water sources greater than one mile** as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													

Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.													
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)													
(E) = (A / B) x 100		%	%	%	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: This section does not apply.

C4b. **690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.**

C5. ☐ **If properly conditioned**, the surface water source(s) can be adequately protected from interference, and/or groundwater use under this permit can be regulated if it is found to substantially interfere with surface water:

i. ☐ The permit should contain condition #(s)_____;

ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;

C6. **SW / GW Remarks and Conditions:**

Special Condition: If a permit is issued, OWRD staff shall be granted access to the POA well in order to conduct static water level measurements in addition to yearly static water level measurements in March required by Condition 7N in Section B1 above.

References Used: Development Potential of Ground Water in the Grande Ronde Valley, Union County, Oregon, Ham, 1966

Ferns, M. L., McConnell, V. S., Madin, I. P., and Johnson, J. A., 2010, Geology of the upper Grande Ronde River basin, Union County, Oregon; Oregon Department of Geology and Mineral Industries Bulletin 107, scale 1:100,000, 65 p.

OWRD water level database.

Groundwater review G-17558.

D. WELL CONSTRUCTION, OAR 690-200

D1. **Well #:** _____ **Logid:** _____

D2. **THE WELL does not appear to meet current well construction standards based upon:**

a. ☐ review of the well log;
b. ☐ field inspection by _____;
c. ☐ report of CWRE _____;
d. ☐ other: (specify) _____

D3. **THE WELL construction deficiency or other comment is described as follows:** _____

D4. ☐ **Route to the Well Construction and Compliance Section for a review of existing well construction.**

Water Availability Tables

DETAILED REPORT ON THE WATER AVAILABILITY CALCULATION

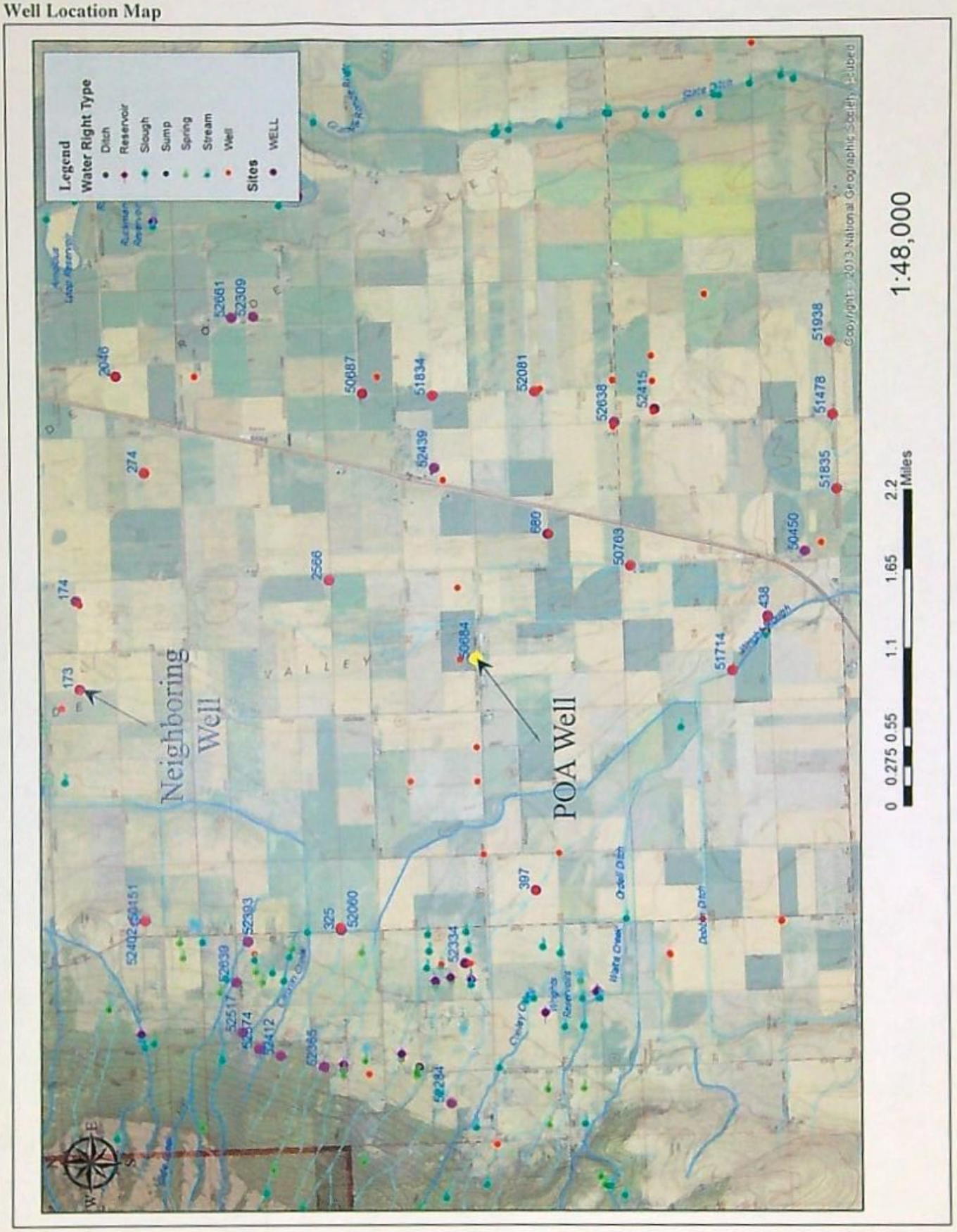
GRANDE RONDE R > SNAKE R - AB WILLOW CR

Watershed ID #: 30810407 Basin: GRANDE RONDE Exceedance Level: 80
Time: 3:52 PM Date: 02/11/2020

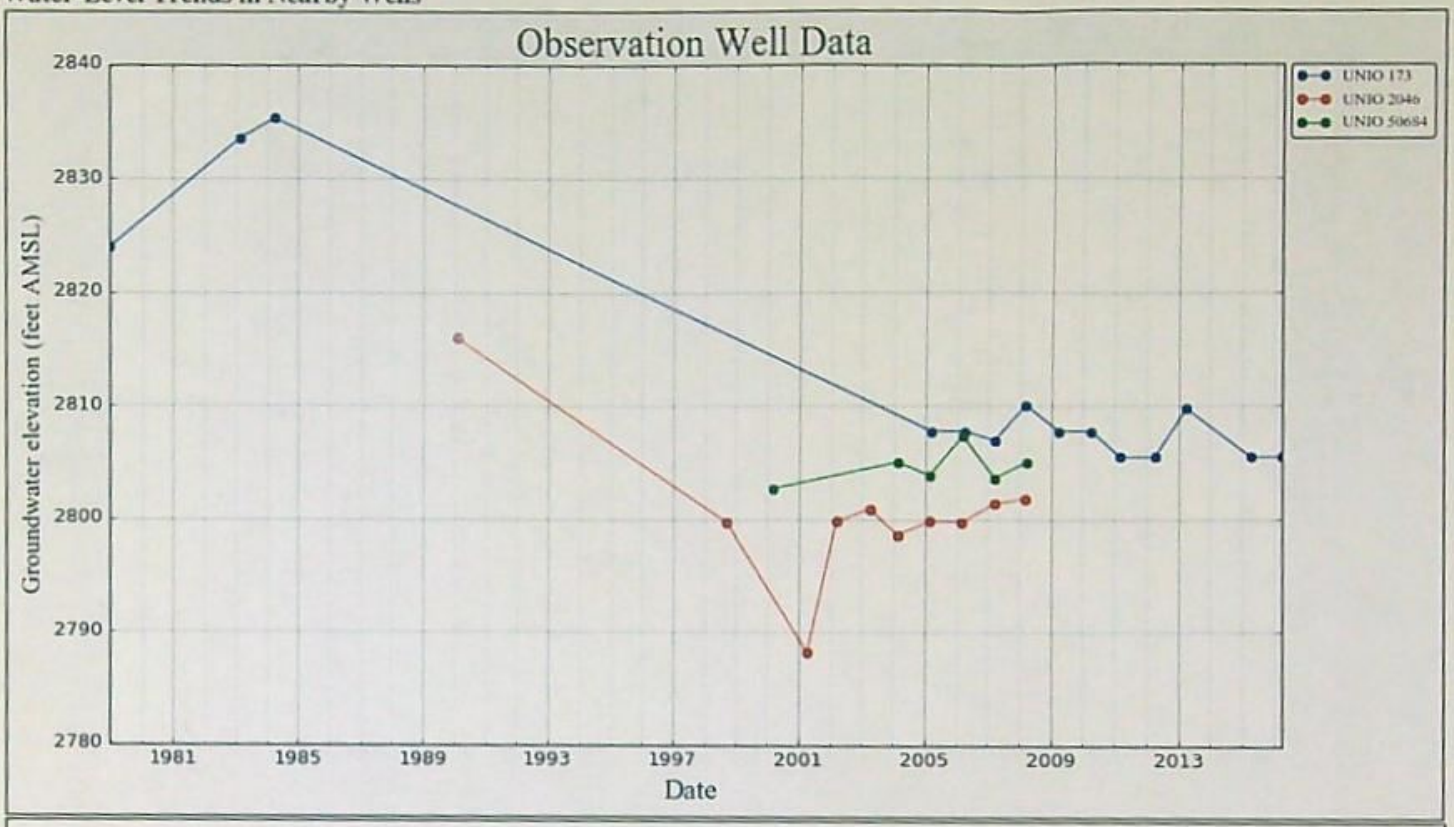
Monthly values are in cfs.
Storage is the annual amount at 50% exceedance in ac-ft.

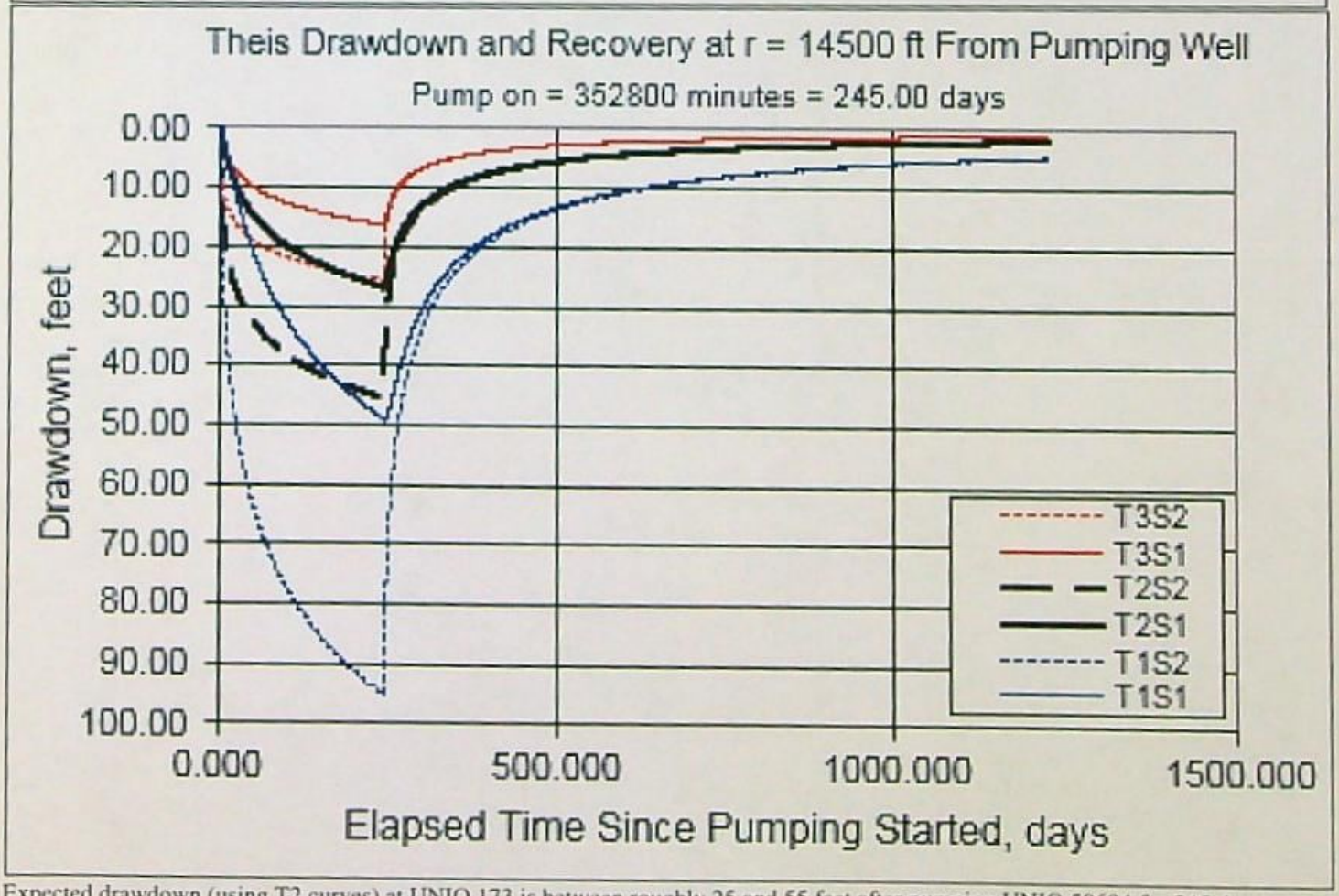
Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirements	Net Water Available
JAN	138.00	17.70	120.00	23.70	0.00	96.60
FEB	246.00	21.70	224.00	62.30	0.00	162.00
MAR	431.00	23.50	408.00	118.00	0.00	290.00
APR	966.00	148.00	818.00	131.00	0.00	687.00
MAY	1,100.00	332.00	768.00	187.00	0.00	581.00
JUN	530.00	293.00	237.00	58.40	0.00	179.00
JUL	257.00	138.00	119.00	0.00	0.00	119.00
AUG	185.00	90.20	94.80	0.00	0.00	94.80
SEP	127.00	63.60	63.40	0.00	0.00	63.40
OCT	85.60	23.30	62.30	1.55	0.00	60.80
NOV	93.10	15.00	78.10	0.00	0.00	78.10
DEC	111.00	16.80	94.20	13.00	0.00	81.20
ANN	429,000	71,500	358,000	35,900	0	322,000

Well Location Map



Water-Level Trends in Nearby Wells





Expected drawdown (using T2 curves) at UNIO 173 is between roughly 25 and 55 feet after pumping UNIO 50684 for 245 days at a rate of 11.88 cfs, the combined rate of current authorizations and the proposed rate on this application.

MEMO

To: Kristopher Byrd, Well Construction and Compliance Section Manager

From: Joel Jeffery, Well Construction Program Coordinator

Subject: Review of Water Right Application G-18894

Date: March 2, 2020

The attached application was forwarded to the Well Construction and Compliance Section by Water Rights. Phil Marcy reviewed the application. Please see Phil's review and the Well Log.

Applicant's Well #1 (UNIO 50684): Based on a review of the Well Report, Applicant's Well #1 seems to protect the groundwater resource.

The construction of Applicant's Well #1 may not satisfy hydraulic connection issues.

MEMO

To: Kristopher Byrd, Well Construction and Compliance Section Manager

From: Joel Jeffery, Well Construction Program Coordinator

Subject: Review of Water Right Application G-18894

Date: February 27, 2020

The attached application was forwarded to the Well Construction and Compliance Section by Water Rights. Phil Marcy reviewed the application. Please see Phil's review and the Well Log.

Applicant's Well #1 (UNIO 50684): Based on a review of the Well Report, Applicant's Well #1 does not appear to comply with current minimum construction Standards (See OAR Division 210). This is a flowing artesian well. In order to meet minimum well construction standards, the well must be continuously cased and continuously sealed into the consolidated formation immediately overlying the water bearing zone. In addition, flowing artesian wells shall be equipped with a control valve and a water tight mechanical cap threaded or welded, so that all flow of water from the well can be completely stopped. Also, the well shall be equipped with a pressure gauge on a dead end line with a petcock valve placed between the gauge and the well casing.

My recommendation is that the Department **not issue** a permit for Applicant's Well #1 (UNIO 50684) unless it is brought into compliance with current minimum well construction standards or information is provided showing it is in compliance with current minimum well construction standards.

Bringing Applicant's Well #1 into compliance with minimum well construction standards may not satisfy hydraulic connection issues.

RECEIVED

APR 13 2000

WATER RESOURCES DEPT.
SALEM, OREGON

#1 of 19

4710
50684

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. # L 40696
START CARD # 114141

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number

Name GREG BINGAMAN
Address 64088 MC DONALD LANE
City LA GRANDE State OR Zip 97850

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other AIR REVERSE

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☒ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 3138 ft.
Explosives used ☐ Yes ☒ No Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
23	0	430	Cement	0	197	225 SK
19"	430	1872	Cement	1772	1872	150 SK

How was seal placed: Method ☒ A ☐ B ☒ C ☐ D ☐ E
☐ Other
Backfill placed from ____ ft. to ____ ft. Material 54 40S
Gravel placed from 197 ft. to 1772 ft. Size of gravel 3/8

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	18"	+2	8	375	☑	☐	☑	☐
	16"	8	430	375	☑	☐	☑	☐
	14"	430	1872	325	☑	☐	☑	☐
					☐	☐	☐	☐
Liner:	10.750	1772	2472	.250	☑	☐	☑	☐
	8 5/8	2417	3138	.250	☑	☐	☑	☐

Final location of shoe(s) NO

(7) PERFORATIONS/SCREENS:

☑ Perforations Method Factory
☐ Screens Type ____ Material STEEL

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
1778	1952	250	1900	10.750	.250	☑	☑
2352	2472	250	1440	10.750	.250	☑	☑
2417	2457	3/16	640	8 5/8	.250	☑	☑
2587	2687	3/16	1600	8 5/8	.250	☑	☑
2697	2767	3/16	1120	8 5/8	.250	☑	☑

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

☐ Pump ☐ Bailer ☑ Air PUMP ☑ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
1700	36'	10.250 - 180'	7 hrs.
GPM 350	ARTESIAN		

Temperature of water 101 Depth Artesian Flow Found 1916
Was a water analysis done? NO ☐ Yes By whom ____
Did any strata contain water not suitable for intended use? NO ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other ____
Depth of strata: ARTESIAN 12 Pounds

(9) LOCATION OF WELL by legal description:

County UNION Latitude ____ Longitude ____
Township 2S ☐ N or ☒ S Range 38E ☐ E or ☒ W.M.
Section 12 SE 1/4 SW 1/4
Tax Lot 2301 Lot ____ Block ____ Subdivision ____
Street Address of Well (or nearest address) 64088 McDonald LANE

(10) STATIC WATER LEVEL:

Flowing ft. below land surface. Date 7-30-98
Artesian pressure 12 lb. per square inch. Date 3-6-2000

(11) WATER BEARING ZONES:

Depth at which water was first found 153

From	To	Estimated Flow Rate	SWL
154	171	100	22
325	334		
436	439		
542	544		
768	774		

(12) WELL LOG:

Ground Elevation ____

Material	From	To	SWL
TOPSOIL	0	1	
sandy clay TAN	1	108	22
clay green SOFT	108	112	
clay grey SOFT	112	137	
clay green & sand	137	141	
clay grey	141	142	
clay grey & sand coarse V4 V2	142	147	
clay grey & sand some cement	147	153	
sandstone & sand coarse V4	153	154	
gravel V4 - 1" & sand	154	171	water
clay grey SOFT	171	182	
clay Brown & grey	182	188	
sand & sandstone green & clay	188	202	
sandstone Block	202	205	
clay grey & green SOFT sand	205	209	
clay stone grey	209	214	
clay Brown & sand coarse	214	219	
clay TAN - SOFT	219	223	
clay & sand - green	223	237	
clay TAN-SOFT	237	241	

Date started 6-29-1998 Completed 3-6-2000

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number ____
Signed ____ Date ____

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1299
Signed Walter Towne Date 3-20-2000

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SALEM, OREGON

#2 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number
Name
Address
City State Zip

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

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.
Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12 1/4	1872	2472				
9 7/8	2472	3138				

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E
☐ Other
Backfill placed from ____ ft. to ____ ft. Material
Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☑	☐	☑	☐
					☑	☐	☑	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) NO

(7) PERFORATIONS/SCREENS:
☑ Perforations Method
☐ Screens Type 33B Material STEEL

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
2817	3138	5/16	5120	8 5/8	.030	☑	☑
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water ____ Depth Artesian Flow Found ____
Was a water analysis done? ☐ Yes By whom ____
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other ____
Depth of strata: ____

(9) LOCATION OF WELL by legal description:
County Latitude Longitude
Township N or S Range E or W. WM.
Section 1/4 1/4
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
____ ft. below land surface. Date
Artesian pressure ____ lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found

From	To	Estimated Flow Rate	SWL
797	800		
862	867		
1001	1003		
1056	1058		
1062	1067		

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
clay green + gray dry	241	254	
clay gray SOFT	254	265	
clay green SOFT	265	320	
clay gray + green some dry	320	325	
sandstone + clay - green	325	334	water
clay green + gray - HARD	334	406	
gravel + sand + clay gray	406	410	
clay gray	410	436	
gravel sand + sand coarse	436	439	water
clay green SOFT	439	463	
claystone + clay green HARD	463	481	
clay gray SOFT	481	487	
clay + sand green SOFT	487	528	
clay Brown SOFT	528	542	
sand green FINE	542	544	water
clay gray green SOFT	544	576	
clay green sandy SOFT	576	615	
Rock	615	616	
clay gray + green SOFT	616	712	
clay Brown + sandy SOFT	712	725	

Date started Completed

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, 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.

WWC Number
Signed Date

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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.

WWC Number 1399
Signed Wally Towne Date

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SALEM, OREGON

#3 of 19

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE				SEAL		
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
1091	1093		
1222	1226		
1477	1479		
1540	1542		
1620	1623		

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
clay Brown & Red SOFT	725	729	
clay TAN SOFT + Dry	729	731	
clay tan + gravel 1/8-1"	731	732	
clay green SOFT	732	739	
gravel + clay green	739	740	
clay Brown SOFT	740	768	
sand + gravel + clay green	768	774	water
clay green SOFT	774	797	
gravel 1/8-1"	797	800	water
clay Brown SOFT	800	827	
clay TAN SOFT	827	832	
clay gray + green SOFT	832	842	
clay green Hard + Dry	842	862	
sand coarse + gravel 1/8-1"	862	867	water
clay green + gray SOFT	867	898	
clay tan + shale Hard	898	900	
clay gray + sandstone	900	918	
sandy clay - green	918	923	
clay gray & Brown Hard - Dry	923	969	
sand + clay green + gravel sand	969	971	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Lowe Date

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WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W WM

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
1915	1918	Flowing 350 gpm	Flowing
2412	2417	25 gpm	
2722	2730		
2839	2845	350 gpm	

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
clay green SOFT	971	973	
gravel + sand + clay - green	973	974	
clay green	974	983	
sand + clay green	983	985	
clay green SOFT	985	1001	
sand coarse	1001	1003	water
clay green SOFT	1003	1006	
sand coarse	1006	1008	
clay green	1008	1022	
clay green + gravel 3/8-1/2	1022	1024	
clay green SOFT	1024	1032	
sand coarse	1032	1034	
clay green SOFT	1034	1048	
clay + sand fine + green	1048	1056	
gravel 1/8 - 3/4	1056	1058	water
clay green SOFT + wood	1038	1062	
gravel 1/8 - 1 1/2	1062	1067	water
clay green	1067	1079	
sand coarse	1079	1081	
clay grey - green	1081	1091	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Lowe Date

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WATER RESOURCES DEPT. SALEM, OREGON

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

WELL I.D. # L 40696

START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W WM

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
sand coarse	1091	1093	water
clay green hard	1093	1118	
clay Brown Hard	1118	1126	
sand course green	1126	1131	
clay green	1131	1146	
clay gray hard	1146	1149	
clay Brown & lignite hard	1149	1152	
clay light green Hard	1152	1198	
clay tan SOFT & sand course lignite	1198	1222	
Sand course green	1222	1226	water
clay gray SOFT	1226	1229	
clay tan SOFT	1229	1245	
clay stone green	1245	1254	
clay grey & green & clay stone	1254	1258	
clay Brown & red SOFT & Hard	1258	1261	
clay green SOFT	1261	1273	
clay gray SOFT	1273	1292	
sand course green	1292	1293	
clay green	1293	1295	
clay Block Hard	1295	1298	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walt Jones Date

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WATER RESOURCES DEPT.
SALEM, OREGON

#6 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page

WELL I.D. # L 40696
START CARD # 141141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W. WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
clay gray SOFT	1298	1323	
sand coarse	1323	1385	
clay green & clay stone	1325	1343	
sand FINE & clay green	1343	1345	
clay green Hard	1345	1375	
sand course	1325	1378	
clay green & clay stone	1378	1398	
clay gray SOFT	1398	1393	
clay Brown SOFT	1393	1403	
clay green sand & clay Red	1403	1405	
clay green SOFT	1405	1416	
clay green & sand gravel	1416	1421	
sand course & gravel small	1421	1423	
clay green SOFT	1423	1439	
clay sandy & SOFT	1439	1441	
sand course & clay green	1441	1444	
clay green & Brown SOFT	1444	1447	
clay gray & green Very SOFT	1447	1451	
clay sandy Red SOFT	1451	1453	
clay gray green SOFT	1453	1455	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Lowe Date

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WATER RESOURCES DEPT.
SALEM, OREGON

#7 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W. WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
clay green SOFT	1435	1461	
clay green + claystone Hard	1461	1463	
clay green + gray SOFT	1463	1476	
clay gray green & sand course	1476	1477	
sand course + gravel 3/8	1477	1479	water
clay green SOFT	1479	1496	
clay green soft + claystone	1496		
Dark & sand course		1498	
clay gray SOFT	1498	1516	
clay green SOFT + sand course	1516	1518	
clay green SOFT	1518	1540	
sand course	1540	1542	water
clay green SOFT	1542	1547	
clay tan SOFT	1547	1563	
clay green SOFT + sand course	1563	1567	
clay green SOFT	1567	1579	
clay green & shale gray Dark	1579	1582	
clay green SOFT sand course	1582	1591	
sand course green	1591	1594	
clay green SOFT	1594	1609	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Lowe Date

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SALEM, OREGON

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50684

#8 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water ____ Depth Artesian Flow Found ____

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County ____ Latitude ____ Longitude ____

Township ____ N or S Range ____ E or W. WM.

Section ____ ____ 1/4 ____ 1/4

Tax Lot ____ Lot ____ Block ____ Subdivision ____

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

____ ft. below land surface. Date ____

Artesian pressure ____ lb. per square inch. Date ____

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
clay green + sand course	1609	1620	
sand course + gravel 1/8-3/8	1620	1623	water
clay green SOFT	1623	1627	
sand course green + clay green	1627	1629	
sand course + gravel 1/8-3/8	1629	1632	
clay + sand green	1632	1636	
sand course green	1636	1638	
clay + shale - green Dark	1638	1647	
clay gray + Black SOFT	1647	1649	
clay green SOFT	1649	1633	
clay gray SOFT	1633	1637	
clay green	1637	1640	
clay + shale - green + gray	1640	1661	
clay green SOFT	1661	1681	
clay green + shale green + Red	1681	1709	
shale green Dark + gravel 3/4	1709	1713	
clay green SOFT + gravel 3/4	1713	1716	
clay green SOFT	1716	1738	
clay green Dark	1738	1740	
sand course	1740	1743	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Lowe Date

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SALEM, OREGON

#9 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page

WELL I.D. # L 40696

START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W. WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
clay gray SOFT	1743	1746	
clay Brown SOFT DRY	1746	1751	
clay & shale Block	1751	1746	
clay Brown SOFT	1746	1771	
clay green SOFT	1771	1776	
clay Brown SOFT	1776	1779	
clay green SOFT	1779	1781	
clay Brown SOFT	1781	1784	
clay + shale Brown's green SOFT & HARD	1784	1786	
clay Brown	1786	1787	
clay Brown's & green SOFT & HARD	1787	1788	
clay green & SOFT	1788	1791	
clay gray green SOFT	1791	1793	
clay Brown SOFT	1793	1796	
clay gray SOFT	1796	1798	
clay Brown SOFT	1798	1805	
clay gray SOFT & HARD	1805	1808	
	1808		

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Towne Date

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WATER RESOURCES DEPT.
SALEM, OREGON

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number ______
Name ______
Address ______
City ______ State ______ Zip ______

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

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other ______

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other ______

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☐ No Depth of Completed Well ______ ft.
Explosives used ☐ Yes ☐ No Type ______ Amount ______

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other ______
Backfill placed from ______ ft. to ______ ft. Material ______
Gravel placed from ______ ft. to ______ ft. Size of gravel ______

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) ______

(7) PERFORATIONS/SCREENS:
☐ Perforations Method ______
☐ Screens Type ______ Material ______

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water ______ Depth Artesian Flow Found ______
Was a water analysis done? ☐ Yes By whom ______
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other ______
Depth of strata: ______

(9) LOCATION OF WELL by legal description:
County ______ Latitude ______ Longitude ______
Township ______ N or S Range ______ E or W. WM.
Section ______ ______ 1/4 ______ 1/4
Tax Lot ______ Lot ______ Block ______ Subdivision ______
Street Address of Well (or nearest address) ______

(10) STATIC WATER LEVEL:
______ ft. below land surface. Date ______
Artesian pressure ______ lb. per square inch. Date ______

(11) WATER BEARING ZONES:

Depth at which water was first found ______

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation ______

Material	From	To	SWL
clay gray & Brown &	1808		
Black SOFT & Hard		1810	
clay green SOFT	1810	1811	
clay gray	1811	1815	
clay gray green SOFT	1815	1817	
clay Brown	1817	1820	
clay green brown & claystone	1820	1823	
clay gray SOFT & claystone	1823		
Black		1829	
clay Brown SOFT-Hard	1829	1838	
clay gray Brown SOFT	1838	1842	
clay Brown & gray SOFT	1842	1852	
clay green SOFT	1852	1867	
Basalt Black & clay Blue	1867		
gray		1876	
cinder Black SOFT &	1876		
clay Black		1879	
~~gray~~ clay green SOFT &	1879		
Basalt Black		1889	
clay Red SOFT cinder Black	1889	1892	

Date started ______ Completed ______

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number ______
Signed ______ Date ______

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number ______
Signed Waldo Lowe Date ______

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#11 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page

WELL I.D. # L 40696

START CARD # 11441

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W WM

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
clay Blarna + cinder Block	1892	1894	
clay Block & " " "	1894	1897	
clay Block & gray green &	1897		
Brown SOFT cinder Block		1912	
Basalt Block clay gray SOFT	1912	1914	
clay gray SOFT Basalt Block	1914	1915	
Basalt Block + clay + shale green	1915	1918	Flowing
Basalt Block + clay gray SOFT	1918	1920	
clay gray SOFT & Basalt Block	1920	1926	
clay Block SOFT	1926	1929	
clay Block cinder Block	1929	1931	
Basalt Block Yel. & shale green	1931	1934	
Basalt gray Hard shale green	1934	1937	
Basalt gray + clay gray - green	1937	1942	
clay gray & Basalt Block	1942	1954	
Basalt gray	1954	1960	
Basalt gray clay gray + shale green	1960	1963	
Basalt gray clay gray SOFT	1963	1976	
clay gray green Block SOFT &	1976		
Basalt Block + shale green		1994	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1399

Signed Waldo Lowe Date

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SALEM, OREGON

#12 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

WELL I.D. # L 40494

START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W. WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Basalt grey + clay grey SOFT	1994	1997	
clay grey SOFT Basalt Block	1997	2002	
Basalt grey clay grey SOFT	2002	2087	
cinder Red + Block + shale green	2087	2091	
Basalt Block + shale green + grey	2091	2104	
Basalt grey + shale green	2104	2109	
Basalt Block + shale green	2109	2118	
Basalt Block Vec. + shale green + tan + Pink SOFT	2118	2153	
cinder Block " " "	2153	2162	
Basalt Block + shale green	2162	2164	
Basalt Block + grey + shale green + Pink + grey + clay grey SOFT	2164	2218	
Basalt Block + shale Red	2218	2221	
Basalt Block + shale green clay	2221	2270	
clay Red Brown Basalt Block	2270	2274	
Basalt Block + cinder Red	2274	2279	
Basalt grey + clay grey SOFT shale green	2279	2304	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Isom Date

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WATER RESOURCES DEPT.
SALEM, OREGON

#13 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

WELL I.D. # L 49896

START CARD # 14141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W. WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Basalt gray - Brown + shale green	2304	2329	
Basalt gray shale green	2329	2338	
cinder Red + clay Red SOFT	2338	2341	
clay Brown + cinder Brown	2341	2347	
clay Black + cinder Black	2347	2354	
clay gray SOFT	2354	2356	
clay + shale green	2356	2362	
clay green SOFT + cinder gray	2362	2368	
cinder Black + clay gray SOFT	2368	2371	
Shale green Basalt Block	2371	2379	
Basalt gray + shale green	2379	2383	
Basalt Block + shale green	2383	2392	
cinder gray + Red shale green +	2392	[illegible]	
Basalt Block + all gray Hard		2396	
cinder Brown + shale green	2396	2412	
Basalt Block Vey. cinder Red	2412		Flowing
Shale green		2417	25 GPM
Basalt Block shale green + clay gray	2417	2485	
clay gray + Block + Basalt Block	2485	2487	
clay green + gray SOFT	2487	2488	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walter Lowe Date

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SALEM, OREGON

#14 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number
Name
Address
City State Zip

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

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.
Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E
☐ Other
Backfill placed from ____ ft. to ____ ft. Material
Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found
Was a water analysis done? ☐ Yes By whom
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County Latitude Longitude
Township N or S Range E or W. WM.
Section 1/4 1/4
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
ft. below land surface. Date
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
clay TAN SOFT	2428	2451	
clay green + gray + DRY + HARD	2451	2454	
clay green + gray + Basalt Block Vsc	2454	2456	
clay TAN SOFT	2456	2457	
Shale green + Basalt Block Vsc.	2457	2461	
clay tan Brown SOFT	2461	2464	
Basalt Block Vsc, shale green	2464	2478	
Basalt Block Vsc, clay gray	2478	2509	
Basalt Block clay tan shale green	2509	2511	
cinder Red + clay Brown + Red shale	2511		
green		2516	
Basalt Block clay gray green	2516	2525	
Basalt Brown SOFT	2525	2577	
cinder Red shale green gray	2577	2579	
Basalt Brown + Shale " "	2579	2581	
Basalt Block + shale green gray +	2581		
quartz		2584	
Basalt Brown + clay gray SOFT	2584	2587	
Basalt Block + clay green HARD	2587	2590	
cinder Brown + Red + shale green	2590	2593	

Date started Completed

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, 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.
WWC Number
Signed Date

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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.
WWC Number
Signed Wallace Lozier Date

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#15 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form.

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds

How was seal placed: Method ☐A ☐B ☐C ☐D ☐E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W. WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Basalt Brown shale green	2593	2596	
Basalt Brown shale green quartz	2596		
White & cinder Red clay Rd		2597	
Basalt Brown SOFT	2597	2600	
Basalt Black shale green-quartz	2600	2603	
Basalt Brown " " " "	2603	2605	
Basalt Black shale green	2605	2612	
Basalt gray's red shale green	2612	2629	
Basalt Gray Brown quartz White	2629	2632	
Basalt Red shale green	2632	2637	
Basalt Black quartz White	2637	2645	
Basalt gray shale green + quartz	2645	2652	
Basalt Brown shale green	2652	2657	
Basalt Black vas. shale green	2657	2663	
Basalt gray + Black shale green	2663		
Lay gray		2667	
shale green Basalt Black	2667	2683	
Basalt Black shale green	2683		
Lay gray SOFT		2689	
Shale green Basalt Black	2689	2690	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number

Signed Walt Jones Date

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SALEM, OREGON

#16 of 19

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

WELL I.D. # L 40696

START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W WM

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Shale grey & Brown Hard & clay grey SOFT	2690	2705	
Basalt Block cavity in	2705	2711	
shale Brown & clay Brown	2711	2714	
Shale Brown & Green Hard	2714	2718	
Shale green & Brown & grey	2718	2780	
Shale " " " Basalt Block	2780	2782	
Basalt Block	2782	2730	Water
Basalt grey Quartz White	2730	2761	
Basalt Grey clay rock grey	2761	2778	
Basalt Block " " "	2778	2779	
Basalt Block shale green cinder Red	2779	2782	
shale Brown HARD	2782	2784	
Basalt Block & shale grey	2784	2791	
Basalt grey shale grey	2791	2799	
Shale Brown & Basalt Block	2799	2801	
cinder Block shale green	2801	2816	
Basalt Block & shale grey & green	2816	2826	
cinder Block & Red shale green	2826	2829	
" " " shale Brown & green	2829	2835	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1397

Signed Walter Lowe Date

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SALEM, OREGON

#17 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

WELL I.D. # L 40696

START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water Depth Artesian Flow Found

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W. WM.

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Basalt Block shale green	2835	2839	
Basalt Block	2839	2845	350 GPM
Basalt gray shale green	2845	2863	
Basalt Block + gravel	2863	2870	
Basalt gray + shale green	2870	2878	
Basalt Block + shale green	2878	2879	
Basalt gray & shale gray	2879	2881	
Basalt Block " "	2881	2914	
Basalt Block + cinder Red	2914	2922	
Basalt gray red + shale green	2922	2924	
Basalt Block shale green	2924	2939	
Basalt gray & shale gren + gray	2939	2943	
Basalt Block " " "	2943	2954	
Basalt gray + shale gray	2954	2958	
Basalt Block + " "	2958	2962	
Basalt gray & shale green	2962	2970	
Basalt Brown + Block shale green	2970	2973	
Basalt gray + shale green	2973	2976	
Basalt Block	2976	2982	
Basalt gray + Block green	2982	2986	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1399

Signed Date

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#18 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
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WELL I.D. # L 40696
START CARD # 214191

(1) OWNER: Well Number
Name
Address
City State Zip

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

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.
Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other
Backfill placed from ____ ft. to ____ ft. Material
Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water ____ Depth Artesian Flow Found ____
Was a water analysis done? ☐ Yes By whom
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County ____ Latitude ____ Longitude ____
Township ____ N or S Range ____ E or W. WM.
Section ____ ____ 1/4 ____ 1/4
Tax Lot ____ Lot ____ Block ____ Subdivision ____
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
____ ft. below land surface. Date ____
Artesian pressure ____ lb. per square inch. Date ____

(11) WATER BEARING ZONES:
Depth at which water was first found ____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation ____

Material	From	To	SWL
Basalt Block + gray	2986	2988	
Basalt gray	2988	2991	
Basalt Block cinder Red shale gray	2991	2997	
Basalt gray + shale brown	2997	3009	
Basalt gray shale green	3009	3083	
Basalt Block quartz white	3083	3027	
Basalt Block cinder Red	3027	3035	
Basalt gray quartz shale gray	3035	3041	
Basalt Block + shale green	3041	3043	
Basalt gray + shale gray quartz	3043	3054	
Basalt gray shale green	3054	3078	
Basalt Block quartz white	3078	3081	
Basalt gray shale green + [illegible]	3081		
cinder's red + Block		3099	
Basalt Block + quartz [illegible] White	3099		
		3106	
Basalt gray + shale green + gray	3106	3109	
Basalt Block + clay Block	3109	3111	
shale green + [illegible] cinder Red	3111	3116	
Basalt Block via shale green	3116	3134	

Date started Completed

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, 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.
WWC Number
Signed Date

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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.
WWC Number 1399
Signed Walter Lowe Date

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

Unio 50684

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APR 13 2000

WATER RESOURCES DEPT.
SALEM, OREGON

#19 of 19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

WELL I.D. # L 40696
START CARD # 114141

(1) OWNER: Well Number

Name

Address

City State Zip

(2) TYPE OF WORK

☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.

Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other

Backfill placed from ____ ft. to ____ ft. Material

Gravel placed from ____ ft. to ____ ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water ____ Depth Artesian Flow Found ____

Was a water analysis done? ☐ Yes By whom

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other

Depth of strata:

(9) LOCATION OF WELL by legal description:

County Latitude Longitude

Township N or S Range E or W WM

Section 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:

ft. below land surface. Date

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Basalt gray & shale green & gray	3124	3127	
Basalt Block & shale green	3127	3134	
Basalt gray & shale green	3134	3136	
Basalt Block & shale green	3136	3137	
Basalt Block	3137	3138	

Date started Completed

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, 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.

WWC Number

Signed Date

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, 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.

WWC Number 1399

Signed Waddle Logging Date

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

E-2 Standard Application Completeness Checklist

Yes No

For use with Groundwater and Surface Water Applications Only

Minimum Requirements (OAR 690-310-0040) (ORS 537.400)

For use by WRD staff only

Application G-18894 County Union Priority Date 12/16/2019

Township 2S Range 38E Section 12, 13, 14

Amount 5.18 cfs Use Irrigation WM Dist. # 6

Applicant Name Gregory L Bingaman

Receipt No. 131550 Caseworker Assigned: ☐ Kim ☑ Lisa

- ☑ Applicant/Organization Name and Mailing Address
- ☑ Signature of *all* applicants (include title or authority of representative if applicant is an organization or corporation). *Applicant's agent may NOT sign application.
- ☑ Property Ownership: Does the applicant own all the land for the proposed project? ☐ Y ☑ N
  - *If No:*
    - ☐ The affected landowner's name(s) and mailing address(s) must be listed
    - ☑ A signed statement declaring the existence of either written authorization or an easement permitting access to land crossed by the proposed ditch canal or other work must be submitted.
- N/A *For a SW Application*: Source of water must be indicated.
  - ☐ If the source is stored water, is the stored water component filled out and does the applicant own the reservoir or include a non-expired agreement for stored water? (ORS 537.400)
    ***NOTE:** A surface water application cannot be filed at the same time as a Reservoir or Alt Reservoir if it will be for the use of the stored water under the PROPOSED Reservoir application, Exp. Secondary (E2)(ORS 537.147).*
  - ☐ If for stored water not under contract, is the source authorized under a permit, certificate, or decree?
    Permit or Certificate issued ☐ Y ☐ N Permit or Certificate # _____
- ☑ *For a GW Application*: Well Development Tables completed and/or a well log report included (if existing)
- ☑ Division 33, Public Interest Information (Sensitive, Threatened, Endangered, Fish Species)
- ☑ Proposed Water Use
  - ☑ Amount of water from *each* source in GPM, CFS, or AF
  - ☑ Period of use indicated
  - N/A If for supplemental irrigation, primary acreage or underlying permit or certificate number listed (*Primary and Supplemental Irrigation counts as 2 uses*)
- ☑ Water Management Section (*Estimates if the water system has not been designed*)
- ☑ Resource Protection Section
- ☑ Project schedule (If system is already completed, indicate "existing.")

N/A ☐ Supplemental data sheets enclosed (if needed)

- ☐ Form M (Municipal or Quasi-Municipal)
- ☐ Spring Description Sheet (if source is a spring)

X ☑ A completed **Land-Use Form** or receipt signed and dated by the appropriate planning department officials. *Please be certain that the Land-Use form lists all lands involved and all uses proposed. Date of signature must be within the past 12 months.*

X ☑ A **Legal Description** of all the properties involved where water is diverted, crossed, and used. The Legal description includes a metes and bounds or other government survey description. A copy of the deed, land sales contract or title insurance policy can provide this information, or applicant may submit a lot book report prepared by a title company. Copies of tax bills are not acceptable.

☐ The proposed source **IS / IS NOT** (circle one) restricted or withdrawn from further appropriation.
NOTE: If it is withdrawn under ORS 538, return application and fees.

☑ The **map** must meet all the minimum requirements of OAR 690-310-0050.

- X ☑ Township, Range, Section
- X ☐ Location of main canals, ditches, pipelines or flumes (if POA/POD is outside of POU)
- X ☑ Place of use, ¼-¼'s and tax lot clearly identified
- X ☑ Even map scale not less than 4" = 1 mile (1"= 1320 ft.); examples: 1" = 100 ft., 1" = 200 ft.
- X ☑ Location of *each* diversion point or well by reference to a recognized public land survey corner. Multiple wells shall be uniquely labeled, and identified on well logs, if existing.
- X ☑ Reference corner on map
- X ☑ North Directional Symbol
- X ☑ Number of acres per ¼ ¼ if for irrigation, nursery, or agriculture

☑ **Fees: Print out from Fee Calculator**

Total Fees (exam+reviewing):	$3,960.00
Fee Paid	$3,440.00
Amount Due	$520.00 @ permit issuance

Reviewed by: Judy Ferrell Date: 12/17/2019

Cory Middleton 12/17/2019.

amm 12/18/19

Oregon Water Resources Department
Groundwater Application

Today's Date: Tuesday, December 17, 2019

Base Application Fee.		$1,340.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	5.18	$2,100.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	1	
Number of proposed groundwater points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	1	
	Subtotal:	$3,440.00
Permit Recording Fee. ***		$520.00
* the 1st Water Use is included in the base cost. ** the 1st groundwater point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		$3,960.00

↑
JF

Application for a Permit to Use

Groundwater

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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant

NAME			PHONE (HM)
GREGORY L. BINGAMAN			
PHONE (WK)	CELL 541-786-1000		FAX
ADDRESS 64088 McDONALD LANE			
CITY LA GRANDE	STATE OREG	ZIP 97850	E-MAIL*

Organization

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

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

AGENT / BUSINESS NAME			PHONE	FAX
GREGORY BLACKMAN			541-963-6771	
ADDRESS 126 RIDGE DRIVE				CELL 541-786-2859
CITY LA GRANDE	STATE ORE	ZIP 97850	E-MAIL* gtblackman@yahoo.com	

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the Department electronically. (Paper copies of the proposed and final order documents will also be mailed.)

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By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.

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

Applicant Signature	Print Name and Title if applicable	Date
[signature]	Gregory L. Bingaman, Leasee of land	12-12-2019
Applicant Signature	Print Name and Title if applicable	Date

For Department Use: App. Number: G-10094

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

☐ YES, there are no encumbrances.
☐ YES, the land is encumbered by easements, rights of way, roads or other encumbrances.

X NO, I have a recorded easement or written authorization permitting access.
☐ NO, I do not currently have written authorization or easement permitting access.
☐ NO, written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
☐ NO, because water is to be diverted, conveyed, and/or used only on federal lands.

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

Legal Description: You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

SECTION 3: WELL DEVELOPMENT

		IF LESS THAN 1 MILE:	
WELL NO.	NAME OF NEAREST SURFACE WATER	DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
UNIO 50684	CANYON CREEK	6300'	-60'

Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials *(attach additional sheets if necessary).*

THE PROPOSED POD IS AN EXISTING WORKING WELL, UNIO 50684, AND IS BEING USED UNDER C-89503. WE ARE REQUESTING THAT THE RATE BE BASED UPON A 1/60TH CFS INSTEAD OF 1/80TH DUE TO THE DRY CLIMATE OF EASTERN OREGON.

SECTION 3: WELL DEVELOPMENT, continued

Total maximum rate requested: 5.18 CFS (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner to obtain the necessary information.

										PROPOSED USE			
OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
UNIO 50684	☐	X	L-40696	X	18"-14"	SEE LOG	SEE LOG	SEE LOG	3/2019	BASALT	3138'	409 GPM C-89503	3.0 AC FT
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									
	☐	☐		☐									

* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.

** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.

*** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

For Department Use: App. Number: G-10894

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

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

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

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

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

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

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

☐ Yes x No

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

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

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

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

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

☐ Yes x No

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

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

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

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

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

If yes, provide a description of the measures to be taken to assure reasonably efficient water use:
The proposed point of appropriation is an existing artesian well flowing at a rate near 1700 gpm.l
The well is currently in use on C-89503, with other COBU applications on file, but certificates not issued.

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Statewide - OAR 690-033-0330 thru -0340

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

☐ Yes x No

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

SECTION 5: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 thru October 1	3.0

For irrigation use only:
Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 310.89*Acres Supplemental: ____Acres

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

____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 932.67 Ac ft

- If the use is **municipal or quasi-municipal**, attach **Form M**

For Department Use: App. Number: G-18894

- If the use is **domestic**, indicate the number of households: ____ (**Exempt Uses**: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.)
- If the use is **mining**, describe what is being mined and the method(s) of extraction (*attach additional sheets if necessary*): _____

SECTION 6: WATER MANAGEMENT

A. Diversion and Conveyance

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

x Pump (give horsepower and type): 150 HP with American Turbine pump.
☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. Diversion will include the existing well and existing 150 HP motor and American Turbine pump. The well and pump supplies a 10" above ground steel mainline that crosses McDonald road in a culvert and flows South to the property requesting water. Greg Bingaman has a farming lease to all of the mapped property. Greg Bingaman will supply the water and labor etc, as well as place linear sprinklers on the proposed land. New mainlines will distribute the water on the lands so that the corners will be irrigated. There may be a few wheel lines to irrigate the irregular portions of the land.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) (*attach additional sheets if necessary*)
Probably low pressure linear sprinklers with a few wheel lines.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters (*attach additional sheets if necessary*).
We are requesting a rate of 1/60th instead of 1/80th because of the dry eastern Oregon climate. A rate of 1/80th is not enough water for some of the desirable crops to be grown.

SECTION 7: PROJECT SCHEDULE

a) Date construction will begin: March 2020
b) Date construction will be completed: July 2022
c) Date beneficial water use will begin: June 2025

SECTION 8: RESOURCE PROTECTION

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

NA Water quality will be protected by preventing erosion and run-off of waste or chemical products.
Describe: The well is existing and the only excavation required will be to bury mainline and hook to the existing 10" mainline.

NA Excavation or clearing of banks will be kept to a minimum to protect riparian or streamside areas.
Note: If disturbed area is greater than one acre, applicant should contact the Oregon Department of Environmental Quality to determine if a 1200C permit is required.
Describe planned actions and additional permits required for project implementation: No banks to be excavated.

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

SECTION 9: WITHIN A DISTRICT

☐ Check here if the point of appropriation (POA) or place of use (POU) are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

Use this space to clarify any information you have provided in the application *(attach additional sheets if necessary)*.

This application is for an existing point of appropriation that currently produces around 1700 GPM. We are applying for a rate of 1/60th due to the dry climate of Eastern Oregon. There have been discussions with the Union County Watermaster, Shad Hatton and he agrees that 1/80th is not enough for our dry climate. Very little construction needs to be done with the exception of the mainlines. The Well is in place, with a pump and motor, as well as a Totalizing meter, and past reporting has also been done. There is also a well test on file that has been accepted by Water Resources, under C-89503.

Minimum Requirements Checklist

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

Include this checklist with the application

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

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

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

Include the following additional items:

x Land Use Information Form with approval and signature of local planning department (*must be an original*) or signed receipt.

x Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.

☐ Fees - Amount enclosed: $ _3,960.00_____
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.

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x Map that includes the following items:

- x Permanent quality and drawn in ink
- x Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
- x North Directional Symbol
- x Township, Range, Section, Quarter/Quarter, Tax Lots
- x Reference corner on map
- x Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
- x Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
- x Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- x Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)

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

G-10094

Land Use Information Form

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

Applicant(s): Gregory L. Bingaman

Mailing Address: 64088 McDonald Lane

City: La Grande State: Oregon Zip Code: 97850 Daytime Phone: 541-786-1000

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:	Proposed Land Use:
2S	38E	12	____	2301	____ EFU	☒ Diverted ☐ Conveyed ☐ Used	____
2s	38E	13 & 14	____	3400	____ EFU	☐ Diverted ☒ Conveyed ☒ Used	____
2S	38E	14	____	3700 & 4000	____ EFU	☐ Diverted ☒ Conveyed ☒ Used	____
2S	38E	14	____	4100	____ EFU	☐ Diverted ☒ Conveyed ☒ Used	____

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

UNION COUNTY

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B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

☒ Permit to Use or Store Water ☐ Water Right Transfer ☐ Permit Amendment or Ground Water Registration Modification
☐ Limited Water Use License ☐ Allocation of Conserved Water ☐ Exchange of Water

Source of water: ☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water (name) _____

Estimated quantity of water needed: 5.18 ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☐ Municipal ☐ Quasi-Municipal ☐ Instream ☐ Other _____

Briefly describe:

Mr. Bingaman leases lands listed as TLs. 3400, 3700, 4000, and 4100 from SPECKHART FARMS INC. Greg Bingaman intends to use his existing deep Basalt well to irrigate the above lands which he has leased .

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3. →

6-0094

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

☒ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): UCZPSO Sec. 24.01

☐ Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

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Name: Stacy Warren Title: Associate Planner

Signature: Stacy Warren Phone: 541-963-1014 Date: Dec. 10, 2019

Government Entity: Union County Planning

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

G-10094

TL 3700

FORM No. 961 BARGAIN AND SALE DEED – STATUTORY FORM (Individual Grantor). STEVENS-NESS LAW PUBLISHING CO., PORTLAND, OR 97204

NS

992967

Mary Virginia Koza
63850 McDonald Ln.
LaGrande, Oregon 97850
Grantor's Name and Address

Speckhart Farms Inc.
63970 McDonald Ln.
LaGrande, Oregon 97850
Grantee's Name and Address

After recording, return to (Name, Address, Zip):
Speckhart Farms Inc.
63970 McDonald Ln.
LaGrande, Oregon 97850

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

SPACE RESERVED FOR RECORDER'S USE

STATE OF OREGON, County of Union } ss.
I certify that the within instrument was received for record on the ______ day of ______, 19____, at ______ o'clock ____M., and recorded in book/reel/volume No. ______ on page ______ and/or as fee/file/instrument/microfilm/reception No. ______, Records of said County.
Witness my hand and seal of County affixed.

NAME TITLE

By ______, Deputy.

BARGAIN AND SALE DEED – STATUTORY FORM
(INDIVIDUAL GRANTOR)

Mary Virginia Koza, Grantor,
conveys to Speckhart Farms Inc., Grantee,
the following real property situated in Union County, Oregon, to-wit:

see exhibit "A" attached

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE)

The true consideration for this conveyance is $1.00. (Here, comply with the requirements of ORS 93.030.)

Dated this 2 day of June, 1999.

Mary V. Koza

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

STATE OF OREGON, County of Union) ss.
This instrument was acknowledged before me on 2nd Day of June, 1999,
by Mary Koza

OFFICIAL SEAL
NOTARY PUBLIC-OREGON
COMMISSION NO. 056044
MY COMMISSION EXPIRES SEPT. 29, 2000

Margo Schleuse
Notary Public for Oregon
My commission expires Sept. 29, 2000

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DEC 16 20
OWRD

6-10894

LEGAL DESCRIPTION
Koza to Speckhart Farms Inc.

A parcel of land situated in the Northeast Quarter of the Northeast Quarter of Section 14, Township 2 South, Range 38 East of the Willamette Meridian, more particularly described as follows with reference to Minor Partition Plat Number 1999-12, as filed in the Union County Plat records;

All of the Northeast Quarter of the Northeast Quarter of Section 14, Township 2 South, Range 38 East of the Willamette Meridian, **EXCEPT THE FOLLOWING:**

Exception:
All of Parcel Number 1 of Minor Land Partition Number 1999-12, filed as Microfilm Number 992728, filed in Plat Cabinet Number B-534 of the Union County Plat Records;

Also Excepting ;

With Reference to Minor Partition Plat Number 1999-12:

Beginning at the Northeast Corner of said Section 14, Township 2 South, Range 38 East of the Willamette Meridian;

Thence; S 0°02'30" E, along the East line of Section 14, a distance of 217.05 feet to the South line of the property conveyed to David Koza and Mary Virginia Koza in deed document Microfilm Number 75982 as filed in the Union County Deed Records;

Thence; N 89°51'03" W, along said South lin of Koza property, a distance of 197.01 feet to the Southwest corner of said Koza Property;

Thence; N 0°55'17" W, along the West line of said Koza property, a distance of 216.50 feet to the intersection of the North line of said Section 14;

Thence; N 89°58'52" E, along said North line of said Section 14, a distance of 201.08 feet, to the point of beginning of this description.

Subject to roads over and across said premises as same may now exist or appear of record.

Parcel conveyed to Speckhart Farms Inc. Contains 36.2 acres more or less including roads.

STATE OF OREGON
County of Union } SS

I certify that this instrument was received and recorded in the book of records of said county.

R. NELLIE BOGUE HIBBERT,
Union County Clerk

by: [signature] Deputy.

DOC#: 992967
RCPT: 27303 35.00
6/02/1999 1:25 PM
REFUND: .00

REGISTERED PROFESSIONAL LAND SURVEYOR
[signature]
OREGON
GREGORY T. BLACKMAN
991

RECEIVED
DEC 16
OWRD

G-16094

Personally appeared the above named HELEN JEAN SPECKHART and acknowledged the foregoing instrument to be her voluntary act. Before me:

(NOTARY PUBLIC — OF OREGON seal)

Nora E. Clarneau
Notary Public for Oregon
My Commission Expires: 3/17/84

Until a change is requested, all tax statements shall be forwarded to:

Speckhart Farms, Inc., c/o Harlow Speckhart, Rt. 1, Box 1651
La Grande, OR 97850

98781

County of Union. } ss

I certify that the within instrument of writing was received for record on the 19 day of Feb 1981 at 1:45 o'clock P M. and recorded on page — in book — Record of Deeds of said County.

County Clerk

Donna Troy

6-18894

20191270

RETURN TO: Mannen & Null Lawyers PO Box 477 97850
GRANTOR: David Koza, 905 M Ave, La Grande, OR 97850
GRANTEES: Stephen A. Koza, Teresa Jean Koza, and John D. Koza
TAXES TO: Stephen A. Koza, 69624 Squire Loop, Cove, OR 97824

STATUTORY BARGAIN AND SALE DEED

DAVID KOZA, Grantor bargains, sells, and conveys to **STEPHEN A. KOZA, TERESA JEAN KOZA, AND JOHN D. KOZA,** Grantees, all Grantor's interest in the following described real property located in Union County, Oregon:

SEE EXHIBIT "A" ATTACHED

The true and actual consideration for this conveyance is estate planning.
BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010.

Dated this 24 day of MAY, 2019.

DAVID KOZA

RECEIVED
DEC 16 2019
OWRD

STATE OF OREGON)
) ss.
County of Union)

On May 24th, 2019, before me personally appeared David Koza, and acknowledged the foregoing instrument to be his voluntary act and deed.

Wallene Daggett

OFFICIAL STAMP
WALLENE DAGGETT
NOTARY PUBLIC-OREGON
COMMISSION NO. 971526
MY COMMISSION EXPIRES FEBRUARY 15, 2022

G-10894

EXHIBIT "A"

TRACT 1

TL - 4000

The southeast quarter of the northeast quarter of Section 14, Township 2 South, Range 38 East of the Willamette Meridan.

(02S38-4000 Ref #6407)

TRACT 2

TL 4100

The northeast quarter of southeast quarter of Section 14, Township 2 South, Range 38 East of the Willamette Meridian, EXCEPTING the South 60 feet thereof.

(02S38-4100 Ref#6403)

STATE OF OREGON }
SS
County of Union }

I certify that this instrument was received and recorded in the book of records of said county.

ROBIN A. CHURCH
Union County Clerk

by: _____ Deputy.

DOC#: 20191270
RCPT: 192377 95.00
5/28/2019 10:00 AM
REFUND: .00

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OWRD

G-10094

98781

BARGAIN AND SALE DEED

HELEN JEAN SPECKHART conveys to SPECKHART FARMS, INC., all of her right, title and interest in that real property described as:

TRACT I

TL 3900

The south half of northwest quarter, the north half of southwest quarter, the southwest quarter of northeast quarter and the northwest quarter of southeast quarter of Section 14, Township 2 South, Range 38 East of the Willamette Meridian; SUBJECT TO roads over and across the north and west sides thereof.

TRACT II

TL 3400

The west half of west half of Section 13 and the southeast quarter of southeast quarter and the South 60 feet of northeast quarter of southeast quarter of Section 14, Township 2 South, Range 38 East of the Willamette Meridian; SUBJECT TO road over and across the north side thereof, and EXCEPTING THEREFROM:
Beginning at the northeast corner of the west half of west half of said Section 13, and running thence West 28 rods; thence South 10 rods; thence East 28 rods; thence North 10 rods to the place of beginning.

TRACT III

Beginning at the southwest corner of the northeast quarter of southwest quarter of Section 33, Township 1 South, Range 38 East of the Willamette Meridian; thence North 20 rods; thence east parallel with the south line of said Section 33 a distance of 160 rods; thence South 20 rods to the southeast corner of the northeast quarter of southwest quarter of said Section 33; thence west along the south line of said section 160 rods to the place of beginning. Being the South 20 rods of the northeast quarter of southwest quarter and the South 20 rods of the northwest quarter of southeast quarter of Section 33, Township 1 South, Range 38 EWM.

ALL SITUATE IN Union County, State of Oregon.

The true and actual consideration for this transfer is stock in Speckhart Farms, Inc.

DATED this 5th day of February, 1981.

Helen Jean Speckhart
HELEN JEAN SPECKHART

STATE OF OREGON)
ss:
COUNTY OF UNION)

February 5th, 1981

Page ONE--Bargain & Sale Deed

G-100894

EXHIBIT "A"

PARCEL I:

The north half of southeast quarter of Section 32 in Township 1 South, Range 39 East of the Willamette Meridian; SUBJECT TO roads over and across the north and west sides thereof and utility easements as same may now exist or appear of record.

SITUATE IN the County of Union, State of Oregon.

PARCEL II:

TAX LOTS 1300 and 1400

All of Lots (or tracts) of Lots one (1), two (2), and three (3) of RIVERSIDE ORCHARD TRACTS, Grande Ronde Valley, Oregon, Union County, Oregon, according to the recorded plat thereof and situated in Section 29, Township 1 South, Range 39 East of the Willamette Meridian, Union County, Oregon

TAX LOT 10400

All of the northeast quarter (NE 1/4) of Section 32 and the west 16 acres of the northwest quarter of Section thirty-three (33), all in township 1 South, Range 39 East of the Willamette Meridian, Union County, Oregon; except a portion of land conveyed to Elwyn Bingaman, Union County deed book 149, Page 428, and excepting that portion of the northeast quarter of Section 32 lying northerly of the Grande Ronde River;

All of that portion of the southeast quarter of the southeast quarter (SE 1/4) (SE 1/4) of Section twenty-nine (29) and all of that portion of the southwest quarter of the southwest quarter (SW 1/4) (SW 1/4) of Section twenty-eight (28) lying southerly of the Grande Ronde River and westerly of the west line of the 16-acre parcel (described above) in the northwest quarter of Section 33 as said line is extended northerly to the said Grande Ronde River, all situated in Township 1 South, Range 39 East of the Willamette Meridian, Union County, Oregon.

PARCEL III:

Part of TL ~~#2300~~ 2301 E.B,

TL-2301

The South half of the South half (S 1/2 of S 1/2) of Section 12, being situated in Township 2 South, Range 38 East of the Willamette Meridian, Union County, Oregon, SUBJECT TO County road.

G-10094

PARCEL IV:

The southeast quarter (SE 1/4) of Section Thirty (30), Township 1 South, Range 39 East of the Willamette Meridian ($47,500.00). SUBJECT TO county road.

PARCEL V:

The south half of the southeast quarter (S 1/2, SE 1/4) of Section two (2), Township 2 South, Range 38 east of the Willamette Meridian, SUBJECT TO county road ($27,000.00).

PARCEL VI:

An undivided one-half (1/2) interest in the following described property:

Lots 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19 in IMBLER FRUIT COLONY TRACT in Union County, Oregon, according to the recorded plat thereof. Also one square acre tract in the southeast corner of the southwest quarter of Section 32, Township 1 South, Range 39 East of the Willamette Meridian, bounded as follows:

Commencing at the southeast corner of the southwest quarter of said Section 32; running thence West 208.71 feet; thence North 208.71 feet; thence East 208.71 feet; thence South 208.71 feet to the place of beginning, all of the above land being situated in the southwest quarter of Section 32, Township 1 South, Range 39 East of the Willamette Meridian.

PARCEL VII:

An undivided one-half (1/2) interest in the following described property:

Commencing at the northeast corner of the northeast quarter of the southwest quarter of Section 32, in Township 1 South, Range 39 East of the Willamette Meridian; running thence West 24.07 chains to the right of way of the Oregon-Washington Railroad and Navigation Company (Elgin Branch); thence in a southwesterly direction along the easterly line of said railroad right of way 19.86 chains; thence East 28.956 chains to the quarter section line running north and south through said section; thence north along said quarter section line 19.25 chains to the place of beginning. Situated in the north half of the southwest quarter of Section 32, Township 1 South, Range 39 East of the Willamette Meridian.

SITUATE in the county of Union, State of Oregon.

STATE OF OREGON }
County of Union } SS

I certify that this instrument was received and recorded in the book of records of said county.

ROBIN A. CHURCH
Union County Clerk

by: _____ Deputy.

DOC#: 20113714
RCPT: 153668 55.00
11/29/2011 9:30 AM
REFUND: .00

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OWRD

6-10894

TL 2301 55

20113714

11-21882A

After recording return to:
Eastern Oregon Title, Inc.
1601 Adams Avenue
La Grande, Oregon 97850

Until a change is requested all tax statements shall be sent to the following address:
Gregory L. Bingaman
64088 McDonald Lane
La Grande, OR 97850

STATUTORY WARRANTY DEED

Elwyn D. Bingaman, Grantor, conveys and warrants to **Gregory L. Bingaman**, Grantee, the following described real property free of liens and encumbrances, except as specifically set forth herein:

SEE EXHIBIT "A" ATTACHED HERETO FOR DETAILED LEGAL DESCRIPTION

This property is free from liens and encumbrances, EXCEPT:

Those of record

"BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, AND SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009."

The true consideration for this conveyance is **$601,680.00**. (Here comply with requirements of ORS 93.030)

Dated this 25 day of November, **2011**.

Elwyn D. Bingaman

Elwyn D. Bingaman

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STATE OF **OREGON**)
)ss.
COUNTY OF UNION)

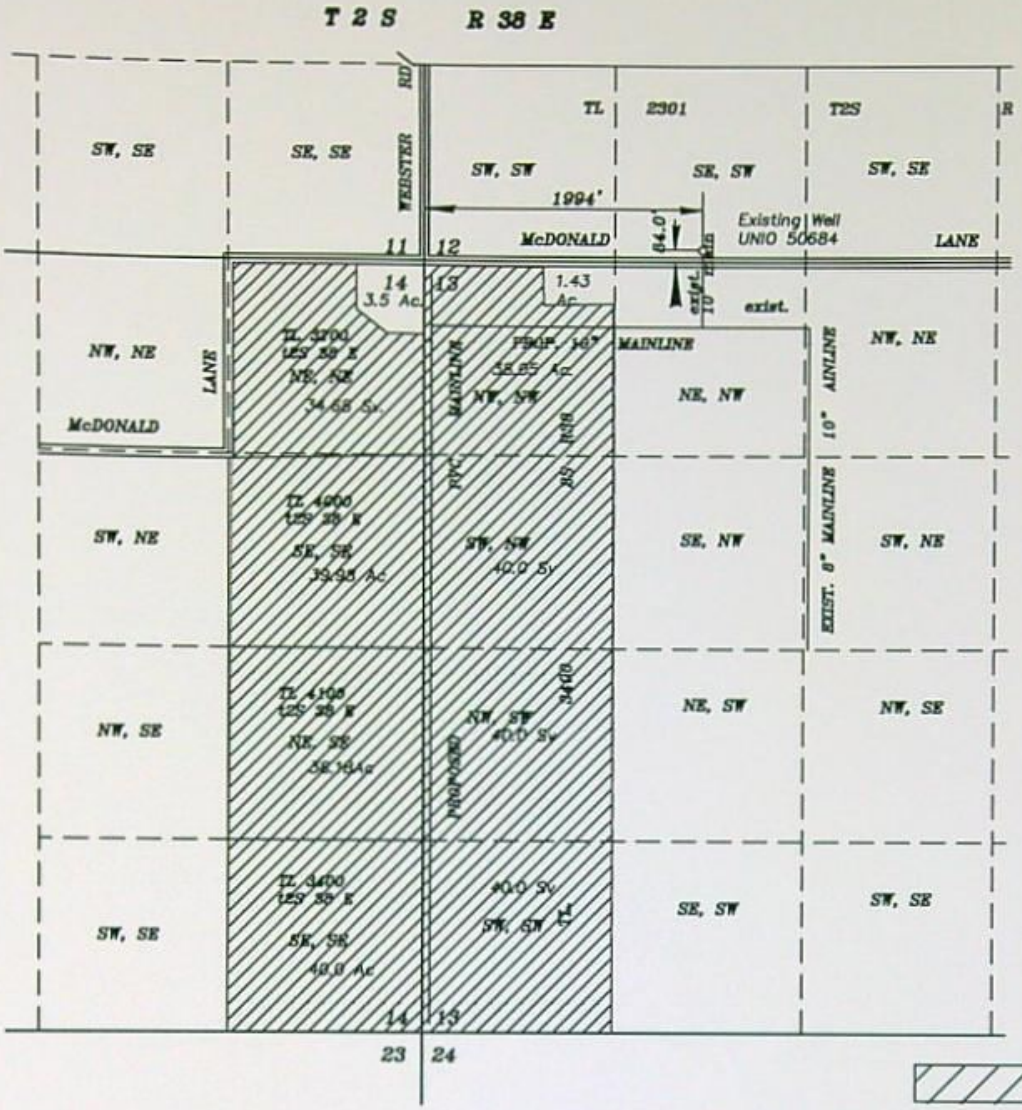
Signed or attested before me on this 25 day of November, 2011 by Elwyn D. Bingaman.

Peg Schonbachler

Peg Schonbachler
Notary Public for the State of: Oregon
My commission expires: September 15, 2013

OFFICIAL SEAL
MARGARET N SCHONBACHLER
NOTARY PUBLIC-OREGON
COMMISSION NO. 442567
MY COMMISSION EXPIRES SEPTEMBER 15, 2013

G-10094



SCALE: 1"=1320'

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OWRD

Lands requesting primary water from well UNIO 50684.

Proposed point of diversion is authorized under Certificate No. 89503 shown. POD located at a point 84" North and 1994" East from the SW Corner of Secftion 12, T2S R 38 E, WM. This point of diversion is existing and is a working Basalt Well, well log UNIO 50684 with a priority date of January 31, 2003.

Certified Water Right Examiner
021
Gregory T. Blackman
Nov. 19, 1987
STATE OF OREGON

NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

NOVEMBER 21, 2019

APPLICATION MAP FOR IRRIGATION OF LANDS FROM AN EXISTING BASALT WELL FOR GREG BINGAMAN

BY
GREG BLACKMAN WATER RIGHTS
126 RIDGE DRIVE
LA GRANDE, OREGON 97850

APPLICATION NO. _____

PERMIT NO. _____

G-18094

Oregon Water Resources Department
Groundwater Application

Main Help
Return Contact Us

Today's Date: Monday, December 9, 2019

Base Application Fee.		$1,340.00
Number of proposed cubic feet per second (cfs) to be appropriated. (1 cfs = 448.83 gallons per minute)	5.180	$2,100.00
Number of proposed Use's for the appropriated water. (i.e. Irrigation, Supplemental Irrigation, Pond Maintenance, Industrial, Commercial, etc) *	1	
Number of proposed groundwater points of appropriation. (i.e. number of wells) (include all injection wells, if applicable) **	1	
	Subtotal:	$3,440.00
Permit Recording Fee. ***		$520.00
* the 1st Water Use is included in the base cost. ** the 1st groundwater point of appropriation is included in the base cost. *** the Permit Recording Fee is not required when the application is submitted but, must be paid before a permit will be issued. It is fully refundable if a permit is not issued. If the recording fee is not paid prior to issuance of the Final Order, permit issuance will be delayed.	Recalculate	
Estimated cost of Permit Application		$3,960.00

G-10094

CERTIFIED MAIL®

7018 0360 0000 2356 6023

& BLACKMAN

2006 Adams Avenue
La Grande, Oregon 97850

1021

97301

U.S. POSTAGE PAID
FCM LG ENV
LA GRANDE, OR
97850
DEC 13, 19
AMOUNT
$5.25
R2304E107426-08

BAGETT - GRIFFITH & BLACKMAN
PROFESSIONAL LAND SURVEYORS
2006 Adams Avenue
LaGrande, Oregon 97850

Phone (541) 963-6092 Fax (541) 963-7322

Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, Oregon 97301

27543

BINGAMAN ENTERPRISES LLC

12/10/2019

OREGON WATER RESOURCES

water rights

3,440.00

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OWRD

3,440.00

Bank of Eastern Oreg

Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

December 17, 2019

Dear Applicant:

The Oregon Water Resources Department has received your groundwater applications for a water use permit. Your applications has been assigned file number G-**18894,** and G-**18895.** Please refer to this number when contacting the Department. Should you have any questions about your applications, please contact the following Water Rights Specialist assigned to your applications:

Lisa Graham, Water Rights Specialist	Phone: 503-986-0808
	Email: elisabeth.a.graham@oregon.gov

A description of the steps that are used for processing a water right application are shown on the reverse side of this letter.

The first step in the water rights process is the completion of a groundwater review by the Department. This review can take approximately 6-9 months to complete, sometimes longer. Once the groundwater review is completed, you will receive a copy of an Initial Review that summarizes the Department's preliminary determinations. Copies of the Proposed Final Order and Final Order will also be mailed to you.

Please note that your application is subject to review and comment from other state agencies and interested parties.

Sincerely,

Cory Middleton
Customer Service Representative
Oregon Water Resources Department

COPY

cc: File
Gregory Blackman, Agent

Water-Use Permit Application Processing Steps

Oregon Water Resources Department

1. **Initial Review**

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

2. **Public Notice**

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

3. **Proposed Final Order Issued**

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

4. **Public Notice**

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

5. **Final Order Issued**

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

Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

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STATE OF OREGON

WATER RESOURCES DEPARTMENT

RECEIPT # 131550

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: Dingavan Enterprises LLC

BY: _____

APPLICATION	G-18894
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# ☒ 37543 OTHER: (IDENTIFY) ☐ _____

TOTAL REC'D $ 3140.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407	COPIES		$
_____	OTHER:	(IDENTIFY) _____	$

0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS 46111

0407	COPY & TAPE FEES		$
0410	RESEARCH FEES		$
0408	MISC REVENUE: (IDENTIFY)	_____	$
TC162	DEPOSIT LIAB. (IDENTIFY)	_____	$
0240	EXTENSION OF TIME		$

WATER RIGHTS:

		EXAM FEE		RECORD FEE
0201	SURFACE WATER	$	0202	$
0203	GROUND WATER	$ 3140.00	0204	$
0205	TRANSFER	$		

WELL CONSTRUCTION

		EXAM FEE		LICENSE FEE
0218	WELL DRILL CONSTRUCTOR	$	0219	$
	LANDOWNER'S PERMIT		0220	$

_____ OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211	WELL CONST START FEE	$	CARD #	
0210	MONITORING WELLS	$	CARD #	

_____ OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY

		LIC NUMBER	
0233	POWER LICENSE FEE (FW/WRD)		$
0231	HYDRO LICENSE FEE (FW/WRD)		$
_____	HYDRO APPLICATION		$

_____ TREASURY OTHER / RDX

FUND _____ TITLE _____

OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____ $

RECEIPT: 131550 DATED: 12-16-19 BY: Samantha Phillips

Distribution – White Copy - Customer, Yellow Copy - Fiscal, Blue Copy - File, Buff Copy - Fiscal

G-18894
Gregory L Bingaman
64088 McDonald Lane
La Grande OR 97850

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