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Salem, OR

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OWRD Over-the-Counter Submission Receipt

| Applicant Name(s) & Address: Gregory Bingaman |
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| 44088 McDonald Un, La Grande on 9785 |
| Transaction Type: PnoHST |
| Fees Received: \$ 480 00 |
| □ Cash |
| Name(s) on Check: Stoel Rives |
| Thank you for your submission. Oregon Water Resources Department (Department) staff will review your submittal as soon as possible. |
| If your submission is determined to be complete, you will receive a receipt for the fees paid and an acknowledgement letter stating your submittal is complete. |
| If determined to be incomplete, your submission and the accompanying fees will be returned with an explanation of deficiencies that must be addressed in order for the submittal to be accepted. |
| If you have any questions, please feel free to contact the Department's Customer Service staff at 503-986-0801 or 503-986-0810. |
| Sincerely, OWRD Customer Service Staff, |
| Submission received by: We Will (Name of OWRD staff) |
| Instructions for OWRD staff: |

- Complete this Submission Receipt and make two (2) copies. Place one copy with the check/cash; and place
 the other copy with the submission (i.e., the application or other document).
- Date-stamp all pages. (NOTE: Do not stamp check.)
- Give this original Submission Receipt to the applicant.
- Record Submission Receipt information on the "RECEIVED OVER THE COUNTER" log sheet.
- Fold and put one copy of the Submission Receipt with check/cash into the Safe slot. Place the other copy of the Submission Receipt with submission (application/other document) in the top drawer of filing cabinet.



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Date Received (Date Stamp Here)

OWRD Over-the-Counter Submission Receipt

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| If your submission is determined to be complete, you will receive a receipt for the fees paid and an acknowledgement letter stating your submittal is complete. |
| If determined to be incomplete, your submission and the accompanying fees will be returned with an explanation of deficiencies that must be addressed in order for the submittal to be accepted. |
| If you have any questions, please feel free to contact the Department's Customer Service staff at 503-986-0801 or 503-986-0810. |
| Sincerely, OWRD Customer Service Staff |
| Submission received by: We Will (Name of OWRD staff) |
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Instructions for OWRD staff:

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 the Submission Receipt with submission (application/other document) in the top drawer of filing cabinet.



August 16, 2024

Kirk B. Maag 760 SW Ninth Avenue, Suite 3000 Portland, OR 97205 D. 503.294.9546 kirk.maag@stoel.com

VIA HAND DELIVERY

Ivan Gall
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1271

Re: Protests of Gregory L. Bingaman in the Matters of Water Right Applications G-18894 and G-18895

Dear Director Gall:

This firm represents Gregory L. Bingaman in connection with the above-referenced matters. Enclosed please find the original and one copy of each of the following:

- Protest of Gregory L. Bingaman and Request for Contested Case Hearing in the matter of Water Right Application G-18894 in the Name of Gregory L. Bingaman; and
- Protest of Gregory L. Bingaman and Request for Contested Case Hearing in the matter of Water Right Application G-18895 in the Name of Gregory L. Bingaman and Equitable Life Insurance Co. c/o Equitable AgriFinance LLC.

The required filing fees for each Protest are also enclosed.

Please contact me at (503) 294-9546 or <u>kirk.maag@stoel.com</u> if you have any questions regarding this letter or the Protest.

Very truly yours,

Kirk B. Maag

Enclosures

cc: Gregory Bingaman

Received by OWRD

AUG 1 6 2024

Salem, OR

STATE OF OREGON WATER RESOURCES DEPARTMENT

RECEIPT # 143549

725 Summer St. N.E. Ste. A SALEM, OR 97301-4172

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RECEIPT: 143549

DESCRIPTION

STATE OF OREGON WATER RESOURCES DEPARTMENT WATER RIGHT SERVICES DIVISION

Before the Director of the Water Resources Department

| In the Matter of Water Right |) PROTEST OF GREGORY L. |
|------------------------------------|----------------------------|
| Application G-18894 in the Name of |) BINGAMAN AND REQUEST FOR |
| Gregory L. Bingaman |) CONTESTED CASE HEARING |

On July 2, 2024, the Oregon Water Resources Department (the "Department") issued a proposed final order ("PFO") recommending denial of water right application G-18894 (the "Application") filed by Gregory L. Bingaman ("Protestant") on December 16, 2019. Pursuant to ORS 537.621(7) and OAR 690-310-0160, Protestant protests the PFO and requests a contested case hearing.²

1. Protestant's Name, Address, and Telephone Number

Protestant's contact information is as follows:

Gregory L. Bingaman 64088 McDonald Lane La Grande, OR 97850 (541) 786-1000 (telephone)

Orders, notices, and other correspondence concerning this matter should be sent to legal counsel representing Protestant in this matter as follows:

Kirk B. Maag Merissa A. Moeller Hayley K. Siltanen Stoel Rives LLP 760 SW Ninth Avenue, Suite 3000 Portland, OR 97205 (503) 294-9546 (telephone) kirk.maag@stoel.com merissa.moeller@stoel.com hayley.siltanen@stoel.com

AUG 1 6 2024
Salem, OR

¹ The PFO is attached hereto as Exhibit A, and the Application is attached as Exhibit B.

² Concurrent with the filing of this Protest, Protestant is filing a separate protest of the proposed final order issued by the Department on July 2, 2024, recommending denial of water right application G-18895 (the "G-18895 Application"). The G-18895 Application proposes to appropriate water from the same point of appropriation (a well) that is proposed in this Application.

2. Protestant's Interest in the PFO

The Application proposes appropriation of 5.18 cubic feet per second ("cfs"), not to exceed 932.67 acre-feet annually, from an existing well (UNIO 50684) (the "Existing Well") in Canyon Creek Basin. Water would be used during the period of March 1 through October 1 for primary irrigation of approximately 310.89 acres located in Sections 13 and 14, Township 2 South, Range 38 East, Willamette Meridian (the "Subject Property"). As the applicant, Protestant has a direct and immediate interest in the PFO proposing to deny the Application.

Protestant requires the proposed water right to irrigate and farm the Subject Property, which Protestant leases from Speckhart Farms Inc. The Subject Property does not have any existing irrigation rights. Accordingly, Protestant requires the proposed water right to grow desired crops on the Subject Property pursuant to the farm lease.

Protestant owns and operates the Existing Well. The Existing Well is the authorized point of appropriation for three existing water rights: Certificate 89503, Permit G-12738, and Permit G-15160. Although these existing water rights authorize pumping from the Existing Well, they are not authorized for use on the Subject Property. These water rights are further described in the following table.

| Water Right | Rate (cfs) | Priority | Use | Claim of Beneficial Use Filed |
|-------------------|------------|------------|---------------------------|-------------------------------------|
| Certificate 89503 | 0.91 | 01/31/2003 | Irrigation of 72.94 acres | 06/28/2004 |
| Permit G-12738 | 2.00 | 11/17/1994 | Irrigation of 160 acres | 01/30/2004 |
| Permit G-15160 | 3.79 | 04/02/2001 | Irrigation of 308.6 acres | 06/28/2004 |

The Existing Well is improved with an existing 150 horsepower motor and American Turbine pump. The well and pump supply a 10-inch above-ground steel mainline that crosses McDonald Road and flows south to the Subject Property. If the Application is approved, Protestant will install new mainlines and sprinklers on the Subject Property to distribute water from the Existing Well, pursuant to Protestant's lease.

Due to the local dry climate, the Application requests a diversion rate of 1/60th cfs per acre irrigated. Prior to filing the Application, Protestant's agent consulted with the Watermaster for District 6, who agreed that a rate of 1/60th cfs per acre was appropriate and that a rate of 1/80th cfs per acre would be inadequate to satisfy irrigation demand for the Subject Property.³

3. Procedural Background

As noted above, Protestant submitted the Application on December 16, 2019. The following day, the Department notified Protestant that it had received the Application and the Department's next step would be to complete a groundwater review, which could "take approximately 6-9 months to complete, sometimes longer." On February 14, 2020, the

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³ Exhibit B, at 6,8.

⁴ The letter from the Department dated December 17, 2019, is attached as Exhibit C.

Department completed the groundwater review (the "Original Groundwater Review") for the Application.⁵ Approximately six months later, on August 7, 2020, the Department issued its Initial Review.⁶ The Initial Review determined that "[g]roundwater will likely be available within the capacity of the resource[.]" Based on consideration of all relevant factors, the Initial Review determined that the requested appropriation of 5.18 cfs from the Existing Well was allowable.⁸

On March 9, 2023, more than three years after the Original Groundwater Review was issued, the Department completed a modified groundwater review for the Application (the "Modified Groundwater Review," and together with the Original Groundwater Reviews, the "Groundwater Reviews"). The Modified Groundwater Review determined, for the first time, that groundwater for the proposed use would not "likely [] be available within the capacity of the groundwater resource." On July 2, 2024, the Department issued the PFO. This Protest follows.

4. Argument

The Department must approve an application for a groundwater permit if the proposed use of groundwater will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. ORS 537.625(1). If the following four criteria are satisfied, then the proposed use is presumed to ensure the preservation of the public welfare, safety, and health:

- 1) "the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12)";
- 2) "water is available";
- 3) "the proposed use will not injure other water rights"; and
- 4) "the proposed use complies with rules of the Water Resources Commission."

ORS 537.621(2); OAR 690-310-0130(1).

In the PFO, the Department concluded that the Application satisfies the first, third, and fourth criteria necessary to establish the presumption of public welfare, safety, and health. Regarding the *first criterion*, the PFO recognized: (i) that irrigation is allowed under the Grande Ronde Basin Program, see OAR 690-508-0020(1)(a); and, (ii) that the proposed groundwater use is not within a designated critical groundwater area. Regarding the *third criterion*, the PFO

⁵ The Original Groundwater Review is attached as Exhibit D.

⁶ The Initial Review is attached as Exhibit E.

⁷ Exhibit E, at 1.

⁸ Exhibit E, at 2.

⁹ The Modified Groundwater Review is attached as Exhibit F.

¹⁰ Exhibit F, at ¶ B1.c.

¹¹ By issuing the PFO almost three years after issuing the Initial Review, the Department failed to comply with its statutory duty to issue the PFO within 60 days of notifying Protestant of the Department's preliminary determinations. ORS 537.621(1).

¹² Exhibit A, at ¶¶ 6-7, 10-12.

The Subject Property is located within the Middle Grande Ronde Basin. See State Water Res. Bd., Grande Ronde River Basin, 106 (Sept. 1960) (describing location of Middle Grande Ronde Basin).

14 Exhibit A, at ¶ 6, 7.

concluded that, if properly conditioned, the proposed groundwater use will not injure other water rights. Regarding the *fourth criterion*, the PFO concluded that the proposed use: (i) is allowed as of right by the relevant land-use planning jurisdiction; and (ii) will not measurably reduce the surface water flows necessary to maintain the free-flowing character of the Wallowa-Grande Ronde State Scenic Waterway in quantities necessary for recreation, fish, and wildlife. 16

According to the PFO, the only criterion not satisfied by the Application is the *second criterion*, which requires that "water is available." *See* ORS 537.621(2); OAR 690-310-0130(1)(b). Specifically, the PFO concluded that although groundwater is "not overappropriated," it is "not available within the capacity of the resource," and therefore "groundwater is not available for the proposed use." On that basis, the PFO concluded that the proposed groundwater use will not ensure the preservation of the public welfare, safety and health under ORS 537.525. Because water is available for the proposed use, and therefore the public welfare, safety and health presumption is established, the Department was required to issue a PFO proposing to approve the Application. ORS 537.621(2).

a. Water Is Available

The Department's water availability analysis is flawed for several reasons. First, the PFO applied an erroneous legal standard to evaluate whether "water is available." Second, the PFO concluded that water is not available, even though the proposed water source is not overappropriated. Third, the finding in the PFO that the proposed groundwater use is not available within the "capacity of the resource" is not supported by substantial evidence and based on an incorrect application of the controlling legal standard.

i. The PFO applies an erroneous standard to determine whether "water is available."

The PFO applied an erroneous standard to determine whether "water is available" for the use proposed by the Application. By doing so, the PFO misinterpreted and misapplied state statute and the Department's own rules.

Under the Department's rules, which are currently in effect and govern all pending applications for groundwater permits, "[w]ater is available" for the purpose of evaluating an application for a proposed groundwater use if "[t]he requested source is not over-appropriated under OAR 690-400-0010 and 690-410-0070 during any period of the proposed use[.]" OAR 690-300-0010(57); see OAR 690-400-0010(11) (defining "over-appropriated"); OAR 690-410-0070(b) ("The groundwater of the state shall be allocated to new beneficial uses when the allocations will not contribute to the over-appropriation of groundwater sources.").

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¹⁵ Exhibit A, at ¶ 10. Although the PFO does not specify the condition(s) that would be necessary to prevent injury, the Groundwater Reviews recommend a condition requiring yearly static water level measurements be take and that Department staff be granted access to the Existing Well to conduct static water level measurements. Exhibit F, at ¶¶ B1.d, C6.

¹⁶ Exhibit A, at ¶¶ 11, 12.

¹⁷ Exhibit A, at ¶ 8.

¹⁸ Exhibit A, at p. 4 ("Conclusion of Law").

The PFO correctly applied that governing legal standard to the extent it concluded that "groundwater for the proposed use is <u>not over-appropriated</u>[.]" The PFO should have stopped there. If the groundwater source "is not over-appropriated," then "[w]ater is available." OAR 690-300-0010(57). Instead, the PFO went on to state:

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.²⁰

Thus, the PFO decided that, even though groundwater is not over-appropriated, water is not available because groundwater "is not available within the capacity of the resource." This reasoning inserts a requirement into the legal standard for determining whether water is available that is contrary to the Department's own rules and the state statute authorizing those rules. *See* ORS 537.621(2).

In inventing the "capacity of the resource" as a legal standard to review groundwater applications, the Department appears to have drawn from the legislative policy statement at ORS 537.525, as further reflected in the Department's rules in OAR 690-410-0070. ORS 537.725 identifies a state policy interest in "beneficial use without waste, within the capacity of available sources." ORS 537.525(3). This policy statement is echoed in OAR 690-410-0070(1), which identifies the policy to allocate water "within the capacity of the resource." The declaration that water "be allocated within the capacity of the resource" is a statement of general state policy, which is not an appropriate or applicable standard for evaluating an application for a proposed water use. Instead, that policy is "achieve[d]" through the Department's programs. OAR 690-410-0070(2). And the Department's programs are guided by the "principles" in OAR 690-410-0070(2), which include that: "[t]he groundwater of the state shall be allocated to new beneficial uses when the allocations will not contribute to the over-appropriation of groundwater sources." OAR 690-410-0070(2)(b) (emphasis added). The phrase "capacity of the resource" does not appear anywhere else in the Department's rules governing applications for new water uses. That is because it is not a legal standard for evaluating such uses.

By reading the term "capacity of the resource" into the standard for determining whether "water is available," it appears that the Department is attempting to apply its not-yet finalized or adopted proposed groundwater allocation rules (the "Proposed Rules") to the Application. For example, the Proposed Rules would modify the definition of "water is available" and establish a new principle requiring the Department to make an affirmative finding that water is available—as opposed to a determination that a proposed use will not contribute to over-appropriation of the groundwater source—before allocating groundwater for new uses. This change in the Proposed

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¹⁹ Exhibit A, at ¶ 8 (emphasis added).

²⁰ Exhibit A, ¶ 8 (emphasis added).

²¹ Exhibit A, ¶ 8.

²² See Or. Water Res. Dept., Notice of Proposed Rulemaking, Amend, repeal or adopt rules pertaining to allocation of new groundwater rights (Feb. 22, 2024).

²³ See id. at 30. The Proposed Rules would modify OAR 690-410-0070(2)(b) as follows:

Rules is consistent with what the Department has done in the PFO, which is to expand the evaluation of whether "water is available" beyond whether water is "over-appropriated."

The Department is required to review the Application based on existing law, not based on changes in the law that the Department wishes to see. The Water Resources Commission has sole authority to adopt rules, ORS 536.025(1), (2), and the Department "may apply only those rules . . . that are in effect as of the date that a completed application is made for a permit in deciding whether to approve, deny, or impose conditions on the permit," ORS 536.031(1). Here, the Department deemed the Application complete more than three years ago, and so the Department's rules in effect at that time provide the controlling legal standard. Absent final rulemaking changing the applicable legal standard, the Department does not have authority to consider the "capacity of the resource" in interpreting and applying the second criterion at ORS 537.621(2). Such policy-making power lies solely with the Commission. See ORS 536.025(2). Therefore, the Department erred by applying that erroneous legal standard to determine whether "water is available."

ii. The requested source is not over-appropriated.

The PFO found that groundwater for the use proposed by the Application is "<u>not</u> overappropriated." Protestant assumes that the PFO means what it says, and therefore, because the proposed groundwater source is not over-appropriated, "water is available." *See* OAR 690-300-0010(57) (defining "water is available"). To the extent the PFO can be read to find that the requested groundwater source <u>is</u> over-appropriated, however, that finding is not supported by substantial evidence.

A groundwater source is "over-appropriated" if "[t]he appropriation of groundwater resources by all water rights," first, "exceeds the average annual recharge to a groundwater source over the period of record," or, second, "results in the further depletion of already over-appropriated surface waters." OAR 690-400-0010(11)(a)(B). This standard "shall apply" to water availability determinations for all permit applications submitted after July 17, 1992, OAR 690-400-0010(11)(b), such as the Application.

In this case, the groundwater source for the Existing Well does not meet either part of the test to be designated as over-appropriated. Beginning with the second part of the test for whether a groundwater source is over-appropriated, the Department found that the Existing Well is not hydraulically connected to surface water.²⁴ As such, the proposed groundwater use will not cause "further depletion of already over-appropriated surface waters" as a matter of law. See OAR 690-400-0010(11)(a)(B).

⁽b) The groundwater of the state shall be allocated to new beneficial uses <u>only</u> when the allocations will not contribute to the over-appropriation of groundwater sources. Department makes a finding; that water is available for a proposed use as defined in OAR 690-300-0010. Restrictions on allocations of water additional appropriation for exempt groundwater uses may be considered when a groundwater source is over-appropriated; water is not available from a groundwater source;

²⁴ Exhibit D, ¶ C2; Exhibit F, ¶ C2.

Regarding the first part of the test for whether a groundwater source is over-appropriated, there is no evidence in the record to indicate that average annual recharge of the proposed groundwater source exceeds groundwater appropriations by all water rights. The Existing Well is a flowing artesian well that is constructed to a depth of approximately 3137 feet. The Department determined in the Groundwater Reviews that the Existing Well produces water 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." Thus, based on the information in the Groundwater Reviews, the relevant groundwater source is the basalt aquifer underlying the well.

Neither of the Groundwater Reviews includes an estimate for average annual recharge to the basalt aquifer accessed by the Well. Indeed, the Department recognized that recharge amounts "cannot be confirmed with available data." Likewise, neither of the Groundwater Reviews includes an estimate for the total appropriation by all water rights accessing the basalt aquifer. Although the Department considered the increase in pumping from the Existing Well, the Department made no attempt to quantity the groundwater appropriations from all water rights that utilize the aquifer accessed by the Existing Well.²⁸

To the contrary, data that <u>is</u> available indicates steady groundwater levels in the basalt aquifer, which support a conclusion that appropriations are <u>not</u> exceeding recharge. Indeed, in the Modified Groundwater Review, the Department identified two nearby wells, UNIO 173 and UNIO 2046, that appear to produce water from the same source aquifer as the Existing Well.²⁹ Groundwater elevation data for the Existing Well, UNIO 173, and UNIO 2046 show that groundwater levels have remained relatively constant for those wells over the past approximately 20 years.³⁰ This water level data demonstrates that total appropriations from the aquifer do not exceed recharge. To the extent the PFO implies otherwise, the Department has made no findings and identified no supporting evidence to the contrary.

In sum, the PFO correctly found that basalt aquifer accessed by the Existing Well is <u>not</u> over-appropriated, and there is no evidence in the record to indicate otherwise.

iii. The proposed use is within the capacity of the groundwater resource.

For the reasons already discussed, whether the proposed use is "within the capacity of the groundwater resource" is not the correct standard for determining whether "water is available" under ORS 537.621(2) and OAR 690-310-0130(1)(b). But even if it the capacity of the resource is relevant to interpret the controlling legal standard, the Department's finding and conclusion that the proposed use exceeds the capacity of the resource is not supported by substantial evidence and incorrectly interprets the term "capacity of the resource" as it is used in ORS 537.525(2).

²⁵ The Water Supply Well Report for the Existing Well is attached hereto as Exhibit G.

²⁶ Exhibit F, ¶¶ A4, B3.

²⁷ Exhibit F, ¶ B3.

²⁸ See Exhibit F, ¶ B3.

²⁹ See Exhibit F, ¶ B3.

³⁰ Exhibit F, at 8.

The Department has unambiguously defined the term "[c]apacity of the resource" by rule. It means the ability of a water use "to sustain a balance of public and private uses without causing over-appropriation or otherwise significantly impairing the function or character of the resource." OAR 690-400-0010(4). In this case, the PFO conceded that the proposed groundwater source is not over-appropriated. Accordingly, the proposed groundwater use would exceed the capacity of the resource only if it would "significantly impair[]" the function or capacity of the aquifer. Neither the PFO nor the Groundwater Reviews claimed that the proposed use will "significantly impair[]" the function or capacity of the aquifer, and there is no evidence that such impairment would occur.

The PFO found that the proposed use is not within the capacity of the resource, because the "substantial increase in pumping under [this Application and the G-18895 Application] raises concerns about the long-term sustainability of the productive aquiver utilized by [the Existing Well]." This finding appears to be based on groundwater availability remarks included in the Modified Groundwater Review. That review states that "available data" cannot confirm that "adequate sources of recharge existing for th[e] aquifer," and a "large degree of uncertainty" exists concerning "the ability of groundwater to migrate into the productive aquifer." The Modified Groundwater Review determined, based on that uncertainty, that the increased pumping proposed by this Application and the G-18895 Application "presents an unreasonable risk without further data to support that this level of development is sustainable." **

These findings are wholly unsupported by evidence in the Groundwater Reviews. As the Department acknowledges, it lacks "available data" to evaluate the aquifer. The data that is available, undermines the Department's concerns regarding the sustainability of the aquifer. Groundwater elevation data included in the Groundwater Reviews indicates that groundwater levels in the aquifer accessed by the Existing Well are remaining steady, rather than declining. 36

Notably, although the PFO appears to be based largely on remarks in in the Modified Groundwater Review that were not included in the Original Groundwater Review, the Modified Groundwater Review is not based on any new information that was not available when the Original Groundwater Review was completed. Both Groundwater Reviews relied on the same references concerning the aquifer.³⁷ And the Modified Groundwater Review does not identify any new data or studies concerning the aquifer that would support the added remarks. Instead, the remarks in the Modified Groundwater Review appear to reflect the Department's shifting policies regarding the standards that should apply to applications for new groundwater appropriations. Changes in agency policy are not substantial evidence to support a determination that the groundwater use proposed by the Application exceeds the capacity of the groundwater source.

³¹ Exhibit A, ¶ 15.

³² Exhibit F, at ¶ B3.

³³ Exhibit F, at ¶ B3.

³⁴ Exhibit F, at ¶ B3.

³⁵ Exhibit F, at ¶ B3.

³⁶ Exhibit F, at 8.

³⁷ Exhibit D, at 5; Exhibit F, at 5. The Modified Groundwater Review identifies an additional 1941 text concerning the "effect of a well on the flow of a nearby stream," which does not appear to relate to the nature of the aquifer or recharge. *Id.*

The Proposed Use Will Not Impair or Adversely Affect the Public Welfare, Safety, and Health

Finally, even where the public welfare, safety and health presumption is not established, the Department still must consider the factors listed at ORS 537.525 to determine whether the proposed use will impair or adversely affect the public welfare, safety, and health. ORS 537.621(2); OAR 690-310-0140(2). Thus, even if the Department finds that water is not available for the Application's proposed use, the Department still must weigh the factors at ORS 537.525 to determine whether the proposed use would be detrimental to the public welfare, safety, or health. In that case, Department is obligated to propose "appropriate modifications or conditions" to ensure that the proposed use will not impair or adversely affect the public welfare, safety, and health. ORS 537.621(3)(f); OAR 690-310-0140(2)(b).

In this case, the PFO concluded that the use proposed by the Application will not preserve the public welfare, safety and health because it is not within the capacity of the resource.³⁸ For the reasons stated above, that conclusion is incorrect, and the proposed use is within the capacity of the aquifer accessed by the Existing Well. Further, the Department's finding that water is not available within the capacity of the resource was based, in part, on the "substantial increase in pumping proposed" under this Application and the concurrently proposed G-18895 Application.³⁹ Despite this concern, and despite having had more than three years to review each application, the Department failed to propose appropriate conditions to mitigate any perceived risk concerning the pumping rates requested by the Application.

5. Protest Filing Requirements

This Protest is timely filed. Any person may submit a protest against a proposed final order within 45 days after publication of notice of the proposed final order in the Department's weekly notice. ORS 537.621(6), (7). The Department published notice of the PFO on July 2, 2024. Therefore, any protests of the PFO must be submitted on or before August 16, 2024.

Protestant has included with this Protest the protest fee of \$480. See ORS 536.050(1)(j)(B).

Protestant has complied with the provisions of OAR 690-310-0160. The Protest is in writing and includes:

- (a) The name, address and telephone number of the protestant;
- (b) A description of the protestant's interest in the proposed final order and, if the protestant claims to represent the public interest, a precise statement of the public interest represented;
- (c) A detailed description of how the action proposed in the proposed final order would impair or be detrimental to the protestant's interest;

³⁹ Exhibit A, at ¶ 15. See also Exhibit F, at ¶ B3 ("The substantial increase in pumping proposed . . . presents an unreasonable risk.").

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³⁸ Exhibit A, at ¶ 15.

- (d) A detailed description of how the proposed final order is in error or deficient and how to correct the alleged error or deficiency;
- (e) Any citation of legal authority supporting the protest, if known; and
- (f) For persons other than the applicant, the protest fee required under ORS 536.050.

OAR 690-310-0160(1).

6. Conclusion and Request for Contested Case Hearing

For the reasons set forth above, the Department should issue a revised order to approve the Application. If for any reason the Department cannot or does not issue an order so-revised, Protestant respectfully protests the PFO and requests a contested case hearing.

DATED: August 16, 2024

Respectfully submitted,

Kirk B. Maag, OSB No. 10 507

Merissa A. Moeller, QSB No. 153926

Hayley K. Siltanen, OSB No. 164825

Of Attorneys for Gregory L. Bingaman

Oregon Water Resources Department Water Right Services Division

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

- 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).

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Proposed Final Order

Exhibit A Page 1 of 7 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

 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.
- 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.
- 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.

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Application G-18894

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Proposed Final Order
Exhibit A
Page 2 of 7

Presumption Criterion (a) - Consistency with Basin Program

- 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).
- 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).
- 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

- 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).

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

- 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).
- 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.

Application G-18894 Received by OWRD

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Proposed Final Order

Exhibit A Page 3 of 7 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).
- The proposed use complies with rules of the Water Resources Commission not otherwise described above.

CONCLUSION OF LAW

 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

Katherne Postdife

Katherine Ratcliffe

Water Rights Section Manager, for

Ivan Gall, Director

Oregon Water Resources Department

AUG 1 6 2024

Salem, OR

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.

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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 R

Water Right Services Division

725 Summer St NE, Suite A

Fax: 503-986-0901

Salem, OR 97301-1266

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AUG 1 6 2024

Salem, OR

Application G-18894

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Proposed Final Order
Exhibit A
Page 6 of 7

* Oregon

TMAM

Water Resources Department Water Right Services Division 725 Summer St NE, Suite A Salem, OR 97301-1266

ADDRESS SERVICE REQUESTED

CERTIFIED MAIL



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G-18894

Gregory L. Bingaman 64088 McDonald Lane La Grande, OR 97850 Proc.: Notice 1/6/24

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AUG 1 6 2024

Salem, OR

Application for a Permit to Use

Groundwater



O R E G O N Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266 503-986-0900 WATER RESOURCES DEPARTMENT WWW.oregon.gov/OWRD

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

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| Pr | int Name an | d Title if applicable | Date | |
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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. |
| 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 I 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' |
| | | | RECEIVED |
| | | | DEC 16 2019 |
| | | | OWRD |
| | | | |

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.

| For Department Use: App. Number: | 6-10094 | Received by OWRD | Groundwater — Page 2 Rev 08-11 |
|----------------------------------|---------|------------------|-----------------------------------|
| | | AUG 1 6 2024 | Exhibit B |

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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.

| | | | | | | | | | | PR | OPOSED | USE | |
|-----------------------------------|----------|----------|-------------------------------------|------------------|--------------------|----------------------------------|---|--------------------------------|--|-------------------|------------------|------------------------------------|---------------------------------|
| OWNER'S WELL NAME OR NO. | PROPOSED | EXISTING | WELL ID (WELL TAG) NO.* OR WELL LOG | 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 | 140696 | х | 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.

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^{**} 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.

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 Attachment3 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 app | ly? |
|--|-----|
| □ Ves y 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.

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

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

☐ Yes x No OWRD

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

For Department Use: App. Number: 6-16994

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Exhibit B Page 4 of 20 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. |
|----|---------------|-------------|------------|---------------|--|----------------|
| | | | | | The state of the s | |

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

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

Yes x No

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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 a | cres, 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 o | r quasi-municij | pal, attach l | Form M |
|---|---------------|-------------|-----------------|---------------|--------|
|---|---------------|-------------|-----------------|---------------|--------|

For Department Use: App. Number: 6-18894

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| • | If the use is domestic , indicate the number of household for single or group domestic purposes and 5,000 gallons per day for permitting requirements.) | a single industrial or comm | ercial purp | |
|-----|---|---|--|--|
| • | If the use is mining, describe what is being mined and the necessary): | ne method(s) of extraction | on (<i>attach</i> | additional sheets if |
| SE | CTION 6: WATER MANAGEMENT | | | |
| | D: 1.0 | | | |
| Α. | Diversion and Conveyance What equipment will you use to pump water from your v | vell(s)? | | |
| | x Pump (give horsepower and type): 150 HP with Ameri Other means (describe): | ican Turbine pump. | | |
| | Provide a description of the proposed means of diversion and conveyance of water. Diversion will include the exist Turbine pump. The well and pump supplies a 10" above a culvert and flows South to the property requesting water mapped property. Greg Bingaman will supply the water proposed land. New mainlines will distribute the water of may be a few wheel lines to irrigate the irregular portion. | sting well and existing 1 ground steel mainline ther. Greg Bingaman has a and labor etc, as well as in the lands so that the c | 50 HP me hat crosse a farming place lin | otor and American s McDonald road in lease to all of the ear sprinklers on the |
| В. | Application Method What equipment and method of application will be used? (attach additional sheets if necessary) Probably low pressure linear sprinklers with a few wheel lines | | high-pres | sure sprinkler) |
| C. | Conservation Please describe why the amount of water requested is ne measure the amount of water diverted; prevent damage to discharge of contaminated water to a surface stream; pre waters (attach additional sheets if necessary). We are requesting a rate of 1/60 th instead of 1/80 th because is not enough water for some of the desirable crops to be | o aquatic life and riparion vent adverse impact to page of the dry eastern Or | an habitat oublic use | prevent the s of affected surface |
| SE | CTION 7: PROJECT SCHEDULE | | | RECEIVED |
| | a) Data construction will begin: March 2020 | | | |
| | a) Date construction will begin: March 2020 b) Date construction will be completed: July 2022 | | | DEC 1 6 2019 |
| | c) Date beneficial water use will begin: June 2025 | | 1 | OWRD |
| SE | CTION 8: RESOURCE PROTECTION | | | |
| rec | granting permission to use water the state encourages, and ivities that may affect adjacent waterway or streamside arguirements from other agencies. Please indicate any of the ources. Water quality will be protected by preventing erosion ar Describe: The well is existing and the only excavation re existing 10" mainline. | rea. See instruction guid practices you plan to use and run-off of waste or cl | e for a lis | t of possible permit to protect water |
| Fo | Department Use: App. Number: 6-18094 | Received by | OWRD | Groundwater — Page 6 |
| | | AUG 16 2 | 024 | 100-10 |
| | | Salem, C | R | Exhibit B Page 6 of 20 |

| nit is required. | ct the Oregon Department of nplementation: No banks to be |
|----------------------|---|
| ed and to be obtaine | d, if a water right permit is granted: |
| | |
| lace of use (POU) a | re located within or served by an |
| Address | |
| State | Zip |
| | plicant should contamit is required. quired for project in ed and to be obtaine lace of use (POU) a |

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.

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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.

- 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
- 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:

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- Permanent quality and drawn in ink
- Even map scale not less than 4'' = 1 mile (example: 1'' = 400 ft, 1'' = 1320 ft, etc.)
- OWRD

- North Directional Symbol x
- Township, Range, Section, Quarter/Quarter, Tax Lots
- Reference corner on map

6-10094

- Location of each diversion, by reference to a recognized public land survey corner (distances north/south and east/west)
- Indicate the area of use by Quarter/Quarter and tax lot identified clearly.
- Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- 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.

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Land Use **Information Form**



Water to be

Proposed Land

Applicant(s): Gregory L. Bingaman

Mailing Address: 64088 McDonald Lane

Section

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

Tax Lot#

Commercial

Quasi-Municipal

A. Land and Location

Range

Intended use of water: X Irrigation

Municipal

Township

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.

Plan Designation (e.g.

| Township | Range | Section | 1/4 1/4 | Tax Lot# | Rural Residential/RR-5) | | water to be | | Use: |
|--------------|---|--------------|-----------------------|---|-------------------------|---------------------------|--------------|--------------|------------------|
| <u>2S</u> | 38E | 12 | | 2301 | EFU | ☑ Diverted | ☐ Conveyed | Used | |
| <u>2s</u> | 38E | 13 & 14 | _ | 3400 | EFU | Diverted | ☐ Conveyed | ⊠ Used | _ |
| <u>2S</u> | 38E | 14 | | 3700 & 4000 | -EFU | Diverted | ☑ Conveyed | ☑ Used | |
| <u>2S</u> | 38E | 14 | | 4100 | EFU | ☐ Diverted | ○ Conveyed | ☑ Used | |
| | | | | | | | | DEC | 1 6 2019 |
| | 1-41 | . D | ad IIIaa | | | | | | |
| 100 | James Contract of the | Proposi | Market and the second | | | | | (|)WRD |
| ⊠ Permit | plication to t to Use or S ed Water Use | tore Water | ☐ Water | er Resources r Right Transfe ation of Conse | r Permit | Amendment nge of Water | or Ground Wa | er Registrat | ion Modification |
| Source of v | vater: 🔲 F | Reservoir/Po | nd 🗵 (| Ground Water | Surface Water (| name) | | | |
| Estimated of | quantity of | water need | led: 5.18 | ⊠ cul | bic feet per second | gallons per r | ninute | acre-feet | |

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.

Industrial

Instream

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. →
Land Use Information Form - Page Page Delived by OWRD

WR / FS

Revised 2/8/2010 6-10094

Briefly describe:

AUG 16 2024

Domestic for household(s)

Other

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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

| 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 |
| lame: Stacy Warrer | OWRD Title: | Associat | e Planner |
| Ismar S.L., Illana | OWRD | Assor at | e Planses |
| | | | |
| ignature: Stary Win_ | Phone: 5 41- 963 | -1014 Date: | Dec. 10,20 |
| | Phone: 5 41- 9 63 | - 1014 Date: | Dec. 10,20 |
| Note to local government representative: Pleign the receipt, you will have 30 days from the | Phone: 5 41- 9 63 | ow and return i | it to the applicant. If you |
| Note to local government representative: Pleign the receipt, you will have 30 days from the orm or WRD may presume the land use associ | Phone: 5 41- 963 Ty Planning ease complete this form or sign the receipt bel Water Resources Department's notice date to | ow and return is return the con tible with local | it to the applicant. If you |
| Note to local government representative: Pleign the receipt, you will have 30 days from the form or WRD may presume the land use associated the second receipt. | Phone: 5 41- 963 Ty Planning ease complete this form or sign the receipt bel Water Resources Department's notice date to iated with the proposed use of water is compa | ow and return is return the con tible with local | it to the applicant. If you |
| ign the receipt, you will have 30 days from the form or WRD may presume the land use associated associated the land use associ | Phone: 5 41- 963 Ty Planning ease complete this form or sign the receipt bel Water Resources Department's notice date to iated with the proposed use of water is compa | ow and return is return the con tible with local | it to the applicant. If you |

Revised 2/8/2010

Land Use Information Form - Page 3 of 3

WR/FS

6-10094

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Salem, OR

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76 3700

| FORM No. 06) T BARGAIN AND SALE DEED - STATUTORY FORM (Individual Gran | ntory. | |
|--|--|---|
| NS . | | 992967 |
| Mary Virginia Koza | | STATE OF OREGON, |
| 63850 McDonald Ln. | | County of Union |
| LaGrande, Oregon 97850 | | I certify that the within instrume was received for record on the da |
| Speckhart Farms Inc. | | of, 19, |
| 63970 McDonald In. | | o'clock,M., and recorded |
| LaGrande, Oregon 97850 | | book/reel/volume No on pag |
| ner recording, return to (Name, Address, Zp); Speckhart Farms Inc. | SPACE RESERVED | and/or as fee/file/instru |
| Speckhart Farms Inc. | RECORDER'S USE | ment/microfilm/reception No Records of said County. |
| 63970 McDonald Ln. | | Witness my hand and seal of Count |
| LaGrande, Oregon 97850 | | affixed. |
| Same as above | | |
| James as sadaye | | NAME TITLE |
| | / | By, Deputy |
| | | By, Deput |
| BARGAIN AND S | ALE DEED - STATUTORY | FORM |
| | IDIVIDUAL GRANTOR) | |
| Mary Virginia Koza | | . Granto |
| onveys to Speckhart Farms Inc. | | |
| e following real property situated inUnion | | , Grantee |
| see exhibit "A" | attached | |
| see exhibit "A" | attached | |
| (IF SPACE INSUFFICIENT | F, CONTINUE DESCRIPTION ON FI | |
| the true consideration for this conveyance is \$ 1.00. | F, CONTINUE DESCRIPTION ON FR | rith the requirements of ORS 93.030.) |
| ated this 2 day of 1. Its instrument will not accepting the property describe in Sinstrument will not allow use of the property describe instrument will not allow use for the property describe instrument in violation of applicable land use laws and prions. Before signing or accepting this instrument, the peroul outling fee trute to the property should check with the Aprilate city or county planning department to verify approved to to other mine any limits on Lawsuits Adamst Framming or provided the property should check with the Aprilate city or county planning department to verify approved to the property should check with the Aprilate city or county planning department to verify approved to the property should be considered to the property | F, CONTINUE DESCRIPTION ON FR | |
| AT SPACE INSUFFICIENT OF THE PROPERTY DESCRIBING OF A COUNTY SHOULD CHECK WITH THE APPROVED ID TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOR JACTICES AS DEFINED IN ORS 30.930. | 1. CONTINUE DESCRIPTION ON RECOMPTON MANAGEMENT PRODUSES JREST | N. Koza |
| ated this 2 day of 1. Its instrument will not accepting the property describe in Sinstrument will not allow use of the property describe instrument will not allow use for the property describe instrument in violation of applicable land use laws and prions. Before signing or accepting this instrument, the peroul outling fee trute to the property should check with the Aprilate city or county planning department to verify approved to to other mine any limits on Lawsuits Adamst Framming or provided the property should check with the Aprilate city or county planning department to verify approved to the property should check with the Aprilate city or county planning department to verify approved to the property should be considered to the property | 1. CONTINUE DESCRIPTION ON RECOMPTON MANAGEMENT PRODUSES JREST | No. Koza |
| ated this 2 day of 1 percent of the sonveyance is \$ 1.00 ated this 2 day of 1 percent of the sonveyance is \$ 1.00 ated this 2 day of 1 percent of the property described in the significant of the property described in the significant of the property should other with the percent of the p | 999 Mary 1999 Mary 1999 Mary 1999 Mary 1999 Mary 19990 | SS. Jane , 1999 |
| the true consideration for this conveyance is \$ 1.00. ated this 2 day of 1 of the property described in the property described in the property described in the property described in the property should be | 1. CONTINUE DESCRIPTION ON RECOMMENDED IN MANY SECOND PRODUCTION OF THE CONTINUE OF THE CONTIN | SS. Jane 1999 |

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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: 17 Am E 1911 Miller Deputy.

DOC#: 992967

RCPT: 27303 35.00 6/02/1999 1:25 PM

REFUND: .00

AUG 1 6 2024

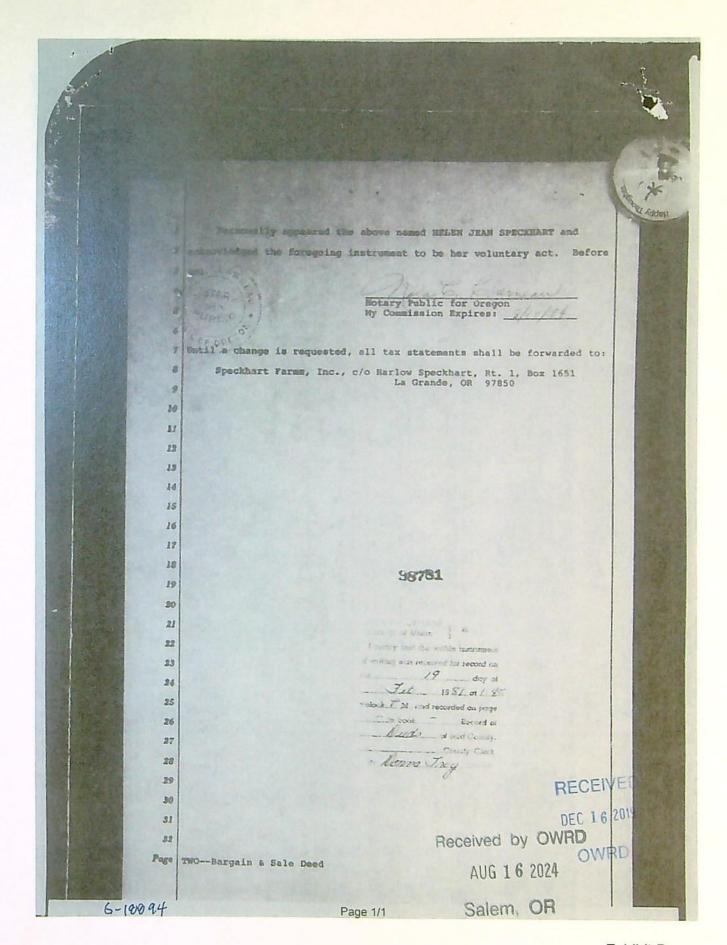
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Page 2/3



RETURN TO:

Mannen Null Laurers POBar 477 97850 David Koza, 905 M Ave, La Grande, OR 97850

GRANTOR: GRANTEES: TAXES TO: David Koza, 905 M Ave, La Grande, OR 97850 Stephen A. Koza, Teresa Jean Koza, and John D. Koza 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

DAVID KOZA

DEC 16 2019

STATE OF OREGON
) ss.

County of Union

On MAY 2440 2946 2019 before me personally appeared David Koza and acknowledged

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

Wallen Diegeth

Received by OWRD

AUG 16 2024

Salem, OR Page 1/2

6-10094

OFFICIAL STAMP WALLENE DAGGETT NOTARY PUBLIC-OREGON COMMISSION NO. 971526

MY COMMISSION EXPIRES FEBRUARY 15, 2022

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)

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DEC 1 6 2019

OWRD

STATE OF OREGON

County of Union

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

ROBIN A. CHURCH Union County Clerk

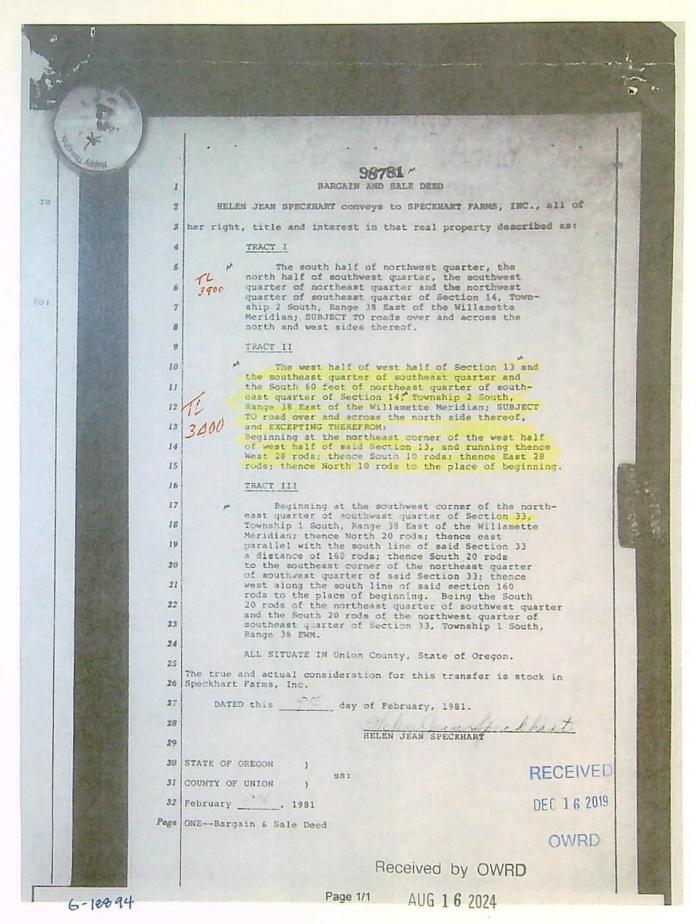
1

DOC#: 70191270 RCPT: 192377 5/28/2019 10:00 AM

95.00

REFUND:

.00



Salem, OR

Exhibit B Page 16 of 20

TZ 2301

55

20113714

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 25day of November, 2011.

Received by OWRDRECEIVED

AUG 1 6 2024 DEC 1 6 2019

STATE OF OREGON

Salem, OR

OWRD

COUNTY OF UNION

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

)ss.

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,

1.2301

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.

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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

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

I occurry that this received and recorded in the book records of said county

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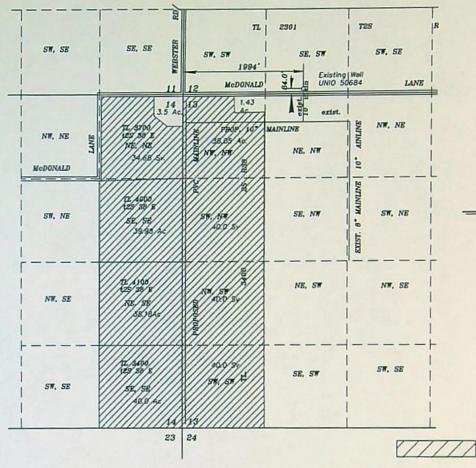
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SCALE: 1"=1320'

DEC 16 2019

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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.



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.

6-10094

NOVEMBER 21, 2019
APPLICATION MAP FOR
IRRIGATION OF LANDS
FROM AN EXISTING
BASALT WELL
FOR

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

GREG BINGAMAN

| APPLICATION | NO. | | |
|-------------|-----|--|--|
| | | | |
| PERMIT NO. | | | |



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:

| Lin Colon Water Biota Socialist | Phone: 503-986-0808 |
|--------------------------------------|--------------------------------------|
| Lisa Graham, Water Rights Specialist | 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

(Moblin

Customer Service Representative

Oregon Water Resources Department

cc: File

Gregory Blackman, Agent

COPY

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Salem, OR

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS Date 02/14/2020 TO: Water Rights Section FROM: Groundwater Section _ Phillip I. Marcy Reviewer's Name Supersedes review of _ SUBJECT: Application G- 18894 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. Applicant's Name: Gregory L. Bingaman County: Union A. GENERAL INFORMATION: well(s) in the Grande Ronde Basin. A1. Applicant(s) seek(s) 5.18 cfs from 1 subbasin Irrigation (310.89 acres) Seasonality: March 1st - October 1st (214 days) A2. Proposed use Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid): A3. Location Location, metes and bounds, e.g. Applicant's Proposed Well Logid Proposed Aquifer* 2250' N, 1200' E fr NW cor S 36 Well # Rate(cfs) (T/R-S QQ-Q) UNIO 50684 Basalt 2S/38E-12 SE-SW 84'N, 1994'E fr SW cor, S 12 2 3 4 5 Alluvium, CRB, Bedrock Well First Well Seal Casing Liner Perforations Well Draw SWL SWI Test Well Elev Water Depth Interval Intervals Intervals Or Screens Yield Down ft bls Date Type ft msl ft bls (ft) (ft) (ft) (ft) (ft) (gpm) (ft) 30.03 03/24/2008 2775 154 3138 0-197. 0-1772 1772-1952. NA 1700 36° in 7 Pump 1772-2352-2472 hours 1872 2417-2457 2587-2687 2697-2767 2817-3138 Use data from application for proposed wells. Comments: The proposed POA well is constructed to produce from Powder River Volcanics and associated volcaniclastic A4.

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Application G-18894 Date: 02/14/2020 Page

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

| Base | ed upon available data, I have determined that groundwater to the proposed de- |
|----------------------------|---|
| а. | 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. |
| | ii. The permit should be conditioned as indicated in item 2 below. The permit should contain special condition(s) as indicated in item 3 below; |
| a. | Condition to allow groundwater production from no deeper than ft. below land surface; |
| b. | Condition to allow groundwater production from no shallower thanft_ below land surface; |
| | Condition to allow groundwater production only from the |
| c. | groundwater reservoir between approximatelyft. andft. 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): |
| | |
| Col from cert und | bundwater availability remarks: The proposed POA well, UNIO 50684, produces from volcanic flow rocks and ociated volcaniclastics of the Powder River Volcanics and likely the upper portions of the Grande Ronde Basalt of the umbia River Basalt Group. Based on construction and similar head elevations, two nearby wells appear to produce water in the same source aquifer. UNIO 2046 lies about 3 miles NNE of the proposed POA, is authorized for irrigation use under ificate 90496, and belongs to the applicant. UNIO 173 is located 2.75 miles due north of the proposed POA, is authorized or certificate 51170 and permits G-15644 and G-16963, and is not owned by the applicant, and therefore likely represents most likely target of possible well to well interference. |
| pro wel per and | culations of expected drawdown at neighboring UNIO 173 include all currently authorized pumping, in addition to the posed rate herein, a total of 11.88 efs. Using a range of transmissivity values derived from nearby pump tests in basalt Is, and a range of storativity values appropriate for confined aquifers, a series of Theis drawdown calculations were formed. Expected impacts at UNIO 173 from pumping UNIO 50684 at 11.88 efs for a period of 245 days fall between 25 50 feet under the most likely scenarios. Static water levels in UNIO 173 are typically between 55 and 85 feet above land face, meaning that if 50' of drawdown does occur, resulting static water level will likely remain above land surface. |
| - | |

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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 | × | |
| 1 | Powder River Volcanies and CRBG | | |
| | | | H |
| | | | |
| | | | |
| | | | |

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 | | |
| | | | | | | 6 6 6 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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? |
|------|---------|----------------|-------------|----------------------------------|---------------------------------------|---------------|---------------------------------|---------------------------------------|----------------------------------|--|
| | | H | H | | | | | | | |
| | | | | | | | | H | | H |
| | | | | | | | | | | |
| | | H | H | | | | | | | |
| | | | | | | | | - | | |
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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% 1SWR? | 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-Distribu Well SW | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|------------------------------|--|------------|----------|---------|--------|------|-----|----------------|----------------|----------------|----------------|-------|
| | 9 | 9 | 9 | 4 | G. | Ç, | 9 | 9- | % | - 5 | C _r | % |
| Well Q as CF | S | | | | | | | | | 1111111 | | |
| Interference C | S | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Distributed V Well SW | | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| wen sw | 7 7411 | 700 | S S | April 9 | Si Si | 5011 | - S | Aug | Scp e | S | NOV % | Dec % |
| Well Q as Cl | | 16 | | - | 78 | 76 | 14 | 74 | 78 | 74 | 7/6 | '/# |
| Interference C | | | | | | | | | | | | |
| Therefere C | 9 | G. | 9 | G. | Se. | G. | g, | r _k | % | G. | G. | % |
| Well Q as CF | | | | - | | | * | - 4 | 76 | - 14 | 7/2 | 'ie |
| Interference C | | 11-11 | | | | | | | | | | |
| | G. | G. | G. | 9 | G. | G | 9 | e, | 5% | g. | G. | 74 |
| Well Q as CI | | | | - | - | | - | - 1 | 76 | * | - 4 | 1/4 |
| Interference C | Constitution of the local division in the lo | | | | | | | | | , | | |
| | G. | 5 | G. | G | 9 | G. | G. | e _e | G. | G. | Ç, | % |
| Well Q as CF | S | | | | | | | | | - | | 76 |
| Interference Cl | FS | | | | | | | | | | | |
| | G. | Ç, | G. | G. | G. | er. | G, | G. | 5 | Ç, | G, | % |
| Well Q as CF | S | Carrier of | | | | | | | - 4 | - | - | 76 |
| Interference Cl | S | | | | | | | | | | | |
| | % | 9 | 9 | 5 | G. | % | G, | G. | G _c | % | % | % |
| Well Q as CF | S | | Estate 1 | | - Land | | | | | | | - 1 |
| Interference Cl | S | | | | | | | | | | | |
| (A) = Total Inte | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| (B) = 80 % Nat. | | | | | | | | | | | | |
| (C) = 1 % Nat. | Q | | | | | | | | | | | |
| (D) = (A) > (C |) | | | | | | | | | | | |
| $(E) = (A/B) \times 10^{-1}$ | | G. | G. | 9 | S. | G. | G. | G. | G. | e _t | e, | G, |

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AUG 1 6 2024

Application G-18894 Date: 02/14/2020 (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.

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AUG 16 2024

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Salem, OR

Exhibit D Page 5 of 8 Application G-18894 Date: 02/14/2020 Page 6

| D |), | WELL | CONSTR | UCTION | OAR 690-200 |
|---|----|------|--------|--------|-------------|
| | | | | | |

| D1. | Well #: | Logid: | |
|-------|--|---|-------------------------|
| D2. | a. review of the b. field inspection c. report of CW | n by | |
| D3. | | tion deficiency or other comment is described as follow | |
| D4. [| Route to the Well Co | nstruction and Compliance Section for a review of exist | ting well construction. |

Water Availability Tables

| | ON | BILITY CALCULATIO | ON THE WATER AVAILA | DETAILED REPORT | | |
|-------------------------------|--------------------------|-------------------------------|---|---|---------------------------|-------|
| xceedance Leve Date: 02/11 | | WILLOW CR | | watershed ID #: 30810407 Time: 3:52 PM | | |
| Avai | Instream Requirements | Reserved Stream Flow | Expected Stream Flow | Consumptive Use and Storage | Natural Stream Flow | tonth |
| | in ac-ft. | e in cfs. 50% exceedance i | Monthly values a he annual amount at | Storage is t | | |
| | 0.00 | 23.70 | 120.00 | 17.70 | 138.00 | JAN . |
| 1 | 0.00 | 62.30 | 224.00 | 21.70 | 246.00 | FEB |
| 2 | 0.00 | 118.00 | 408.00 | 23.50 | 431.00 | HAR |
| 6 | 0.00 | 131.00 | 815.00 | 148.00 | 966.00 | APR |
| 5 | 0.00 | 187.00 | 768.00 | 332.00 | 1,100.00 | MAY |
| 1 | 0.00 | 58.40 | 237.00 | 293.00 | 530.00 | JUN |
| 1 | 0.00 | 0.00 | 119.00 | 138.00 | 257.00 | JUL |
| | 0.00 | 0.00 | 94.80 | 90.20 | 185.00 | AUG |
| | 0.00 | 0.00 | 63.40 | 63.60 | 127.00 | SEP |
| | 0.00 | 1.55 | 62.30 | 23.30 | 85.60 | OCT |
| | 0.00 | 0.00 | 78.10 | 15.00 | 93.10 | NOV |
| | 0.00 | 13.00 | 94.20 | 16.80 | 111.00 | DEC |
| 32 | 0 | 35,900 | 358,000 | 71.500 | 429,000 | ANN |

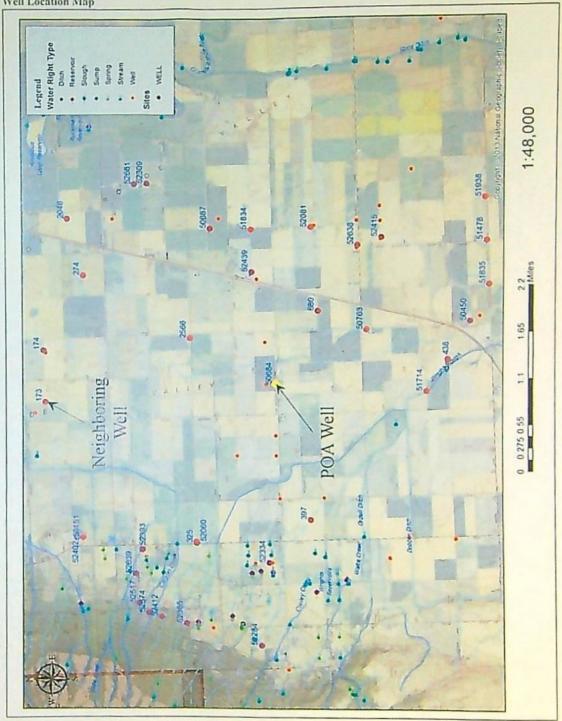
AUG 1 6 2024

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Version 05/07/2018

Page Date: 02/14/2020 Application G-18894

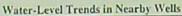
Well Location Map

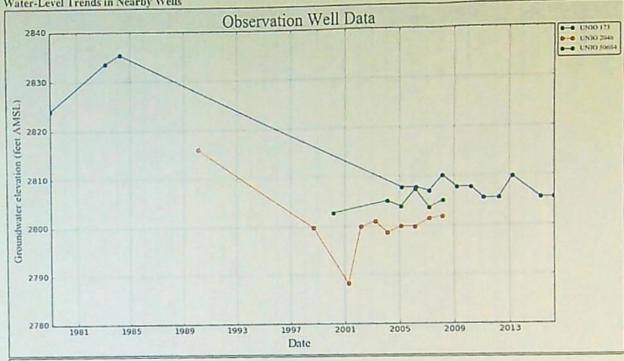


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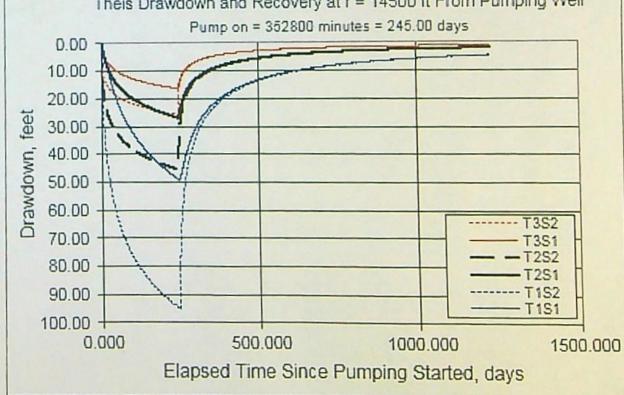
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Theis Drawdown and Recovery at r = 14500 ft From Pumping Well



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.

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Exhibit D Page 8 of 8



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:

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

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Initial Review

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Exhibit E Page 1 of 8 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

Page 2 of 5

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Initial Review

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Exhibit E Page 2 of 8 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.

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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.

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.

AUG 1 6 2024 Salem, OR

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

AUG 1 6 2024
Salem. OR

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 |
|-----|------|-----|-----|-------|--|
| 28 | 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 | NWNW | 38.05 |
| 2 S | 38 E | WM | 13 | SWNW | 40.00 |
| 2 S | 38 E | WM | 13 | NWSW | 40.00 |
| 2 S | 38 E | WM | 13 | SWSW | 40.00 |
| 2 S | 38 E | WM | 14 | NE NE | 34.68 |
| .28 | 38 E | WM | 14 | SE NE | 39.98 |
| 2.5 | 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

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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.

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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

AUG 1 6 2024
Salem, OR

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

| TO: FROM | : | | Rights Sec water Sec | | | | I. Marcy | Date | 03/09/2 | 2023 | | | |
|--|-----------------------------------|--|--|---|---|--|---|--|--|--|--|---------------------------|---------------|
| SUBJE | CT: | Applica | tion G- 1 | 8894 | | | wer's Name ersedes re | view of 02/ | 14/2020 | | | | |
| PUBLI OAR 69 welfare, to determ | IC INTE 90-310-13 safety an | REST I | PRESUN Departm as describ | IPTION; (ent shall projed in ORS 5 | sume that 37.525. De hed. OAR | OWATER a proposed | d groundwe staff review 40 allows t | nter use will en groundwater he proposed u agency policy | nsure the application | preser | der OAR or condit | the publication (190-310) | 0-140 meet |
| A. GE | NERAL | INFOR | MATIO | <u>N</u> : App | olicant's Na | ame:C | Gregory L. | Bingaman | | _ C | ounty:I | Union | |
| A1. | Applicar | it(s) seek | (s) <u>5.18</u> | cfs from | _1 | well(s | | Grande Ron | de | | | | Basin, |
| A2. | | | | | | | | larch 1st - Oct | | | | | |
| Well 1 2 3 4 | Logic UNIO 50 | d | Applicant's Well # | S Propose | ber logs for d Aquifer* | Propo Rate(6 5.18 | sed cfs) | Location (T/R-S QQ-C 2S/38E-12 SE-S | 2) 1 | Locatio 2250' N | n, metes a N, 1200' E I, 1994'E fr | and bound fr NW cor | S 36 |
| 5 * Alluviu | ım, CRB, I | 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) | Perfora Or Scr (ft) | eens | Well Yield (gpm) | Draw Down (ft) | Test Type |
| 1 | 2775 | 154 | -30.03 | 03/24/2008 | 3138 | 0-197; 1772- 1872 | 0-1772 | NA | 1772-1 2352-2 2417-2 2587-2 2697-2 2817-3 | 472; 457; 687; 767; | 1700 | 36' in 7 hours | Pump |
| Use data A4. | Certifica well is 1' | nts: The es at dept te 89503, 700 gpm lication p | proposed hs below Permit G (3.79 cfs), roposing see POA (U | POA well is 1872' below -12738, and far below v 5.18 CFS, w INIO 50684 | Permit G- Permit G- what is alre- as submitte), for a tota | ce. This w 15160, for ady author ed at the sa I combined | ell is an aut a total auth ized. ume time as d rate of 15 | owder River V thorized POA norized rate of application C 5.73 CFS if the | 6.7 cfs. | existin The rep which pplicat | proposes | ights, eld of the | POA |
| A5. ⊠ | (Not all t | basin ruie | s contain | such provisi | ons.) | | | lles relative to ☐ are, or ⊠ | | | | | nd/or ion. |
| A6. 🗌 | Ivanic of | administ | rative area | a:, | | | | p(s) an aquife | r limited l | by an a | administra | ative rest | riction. |
| | | | | | | Receive | ed by (| OWRD | | | | | |
| | | | | | | AU | IG 16 20 |)24 | | | Fyh | ibit F | |

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

| Bas | ed 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"; The permit should be conditioned as indicated in item 2 below. The permit should contain special condition(s) as indicated in item 3 below; |
| a. | Condition to allow groundwater production from no deeper thanft. 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): |
| Coli fron cert und | bundwater availability remarks: The proposed POA well, UNIO 50684, produces from volcanic flow rocks and ociated volcaniclastics of the Powder River Volcanics and likely the upper portions of the Grande Ronde Basalt of the numbia River Basalt Group. Based on construction and similar head elevations, two nearby wells appear to produce water in the same source aquifer. UNIO 2046 lies about 3 miles NNE of the proposed POA, is authorized for irrigation use under ifficate 90496, and belongs to the applicant. UNIO 173 is located 2.75 miles due north of the proposed POA, is authorized er certificate 51170 and permits G-15644 and G-16963, and is not owned by the applicant, and therefore likely represents most likely target of possible well to well interference. |
| near dray of 2 | culations of expected drawdown at neighboring UNIO 173 include all currently authorized pumping, in addition to the bosed rate herein and application G-18895, a total of 15.73 cfs. Using a range of transmissivity values derived from the pump tests in basalt wells, and a range of storativity values appropriate for confined aquifers, a series of Theis wdown calculations were performed. Expected impacts at UNIO 173 from pumping UNIO 50684 at 15.73 cfs for a period 14 days fall between 34 and 59 feet under the most likely scenarios (using transmissivity from pump test performed on POA well) |
| 245 retu of re wate | substantial increase in pumping proposed under applications G-18894 (this application) and G-18895 raises concerns ut the long-term sustainability of the productive aquifer utilized by UNIO 50684. Using the identical parameters as used alculate drawdown in UNIO 173, the calculated drawdown in the production well ranges between 241 and 266 feet after days of continuous pumping. Due to the high transmissivity in the target aquifer, the well is expected to recover quickly, rning to near 16 feet below pre-pumping levels within 60 days after pumping ceases. This assumes that adequate sources echarge exist for this aquifer, an assumption that cannot be confirmed with available data. The highly confined nature of aquifer, and its anticipated degree of compartmentalization have led to determinations of a lack of connection to nearby er sources, including surface water and other wells. However, these factors also carry negative implications regarding the ity of groundwater to migrate into the productive aquifer. Due to the large degree of uncertainty surrounding this stion, further development should be approached with caution. The substantial increase in pumping proposed would more |
| | a. b. c. d. a. b. c. d. d. Groasso Collefron cert und the The abo to c. 245 retu of ret wate abil |

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Exhibit F Page 2 of 8

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? |
|------|---------|----------------|-------------|----------------------------------|---------------------------------------|---------------------|---------------------------------|---------------------------------------|----------------------------------|--|
| | | | | | | | | | | |
| | | | | | | | | | | |

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

| Well | stributed SW# | · Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----------|------------------|-------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | % | % | % | % | % | % | % | % | % | % | % | 9 |
| Well O | as CFS | | ,,, | ,, | ,,, | | | | | | | | |
| | ence CFS | | | | | | | | | | | | |
| interrere | mee er o | | | | | | | | | | | | |
| Distrib | uted Wells | S | | | | | | | | | | | |
| Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | % | % | % | % | % | % | % | % | % | % | % | 9 |
| Well Q | as CFS | | | | | | | | | | | | |
| Interfere | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | 0 |
| Well Q | as CFS | | | | | | | | | | | | |
| Interfere | ence CFS | | | | | | | | | | - | | |
| | | % | % | % | % | % | % | % | % | % | % | % | 0 |
| Well O | as CFS | | | | | | 70 | ,,, | /0 | 70 | 70 | 70 | - |
| | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | 0/ | |
| Well O | as CFS | 70 | 70 | 70 | 70 | 70 | /0 | /0 | 70 | 70 | 70 | % | 9 |
| | ence CFS | | | | | | | | | | | | |
| | mee ere | % | % | % | % | % | % | 0/ | | - | | | |
| Well O | as CFS | /0 | /0 | 70 | 70 | 70 | % | % | % | % | % | % | 9 |
| | ence CFS | | | | | | | | | | | | |
| interiere | nec Crb | % | % | % | 0/ | 0/ | | - | 4.1 | | | | |
| Well O | as CFS | 70 | 70 | 70 | % | % | % | % | % | % | % | % | 0 |
| | ence CFS | | - | | | | | | | | | | |
| interiere | ince CFS | | the same of | | | | | | | | | | |
| (A) = To | tal Interf. | | | | | | | | | | | | |
| | % Nat. Q | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| (C) = 1 · | % Nat. Q | | | | | | | | | | | | |
| (D) = (| A) > (C) | 1 | 1 | 1 | 4 | 1 | 1 | V | 1 | / | / | 1 | 1 |
| | B) x 100 | % | % | % | % | % | % | % | % | % | % | % | 9/ |

(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.

| F | 10 | 5 | si | 11 | 30 | 1 | bu | , | 0 | M | V | | | ì |
|---|----|---|----|----|----|---|----|---|---|---|---|----|---|---|
| 1 | 10 | C | 21 | V | | A | נט | | 0 | V | ٧ | 11 | D | |

| 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 reviews G-17558, G-18895 |
| Theis, C.V., 1941, The effect of a well on the flow of a nearby stream: Am. Geophysical Union Trans., v. 22, pt.3, p. 734-738. |

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Salem. OR

D. WELL CONSTRUCTION, OAR 690-200

| Well #: | Logid: | |
|---|---|--|
| a. review of the b. field inspector. report of CV | not appear to meet current well construction standards based upon: ne well log; tion by WRE tify) | |
| THE WELL constr | ruction deficiency or other comment is described as follows: | |
| | | |
| | | |

| | | DETAILED REPORT | ON THE WATER AVAILA | BILITY CALCULATION | ON | | |
|---|---|--|--|--|---|--|--|
| Watershed ID #: 30810407 Time: 3:52 PM | | GRANDE RONDE R > SNAKE R - AB WILLOW CR Basin: GRANDE RONDE | | | Exceedance Level: 80 Date: 02/11/2020 | | |
| Month | Natural Stream Flow | Consumptive Use and Storage | Expected Stream Flow | Reserved Stream Flow | Instream Requirements | Net Water Available | |
| | | Storage is | Monthly values a | re in cfs. 50% exceedance | in ac-ft. | | |
| JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN | 138.00 246.00 431.00 966.00 1,100.00 530.00 257.00 185.00 127.00 85.60 93.10 111.00 429,000 | 17.70 21.70 23.50 148.00 332.00 293.00 138.00 90.20 63.60 23.30 15.00 16.80 71,500 | 120.00 224.00 408.00 818.00 768.00 237.00 119.00 94.80 63.40 62.30 78.10 94.20 358,000 | 23.70 62.30 118.00 131.00 187.00 58.40 0.00 0.00 0.00 1.55 0.00 13.00 35.900 | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0 | 96.60 162.00 290.00 687.00 581.00 179.00 94.80 63.40 60.80 78.10 81.20 | |

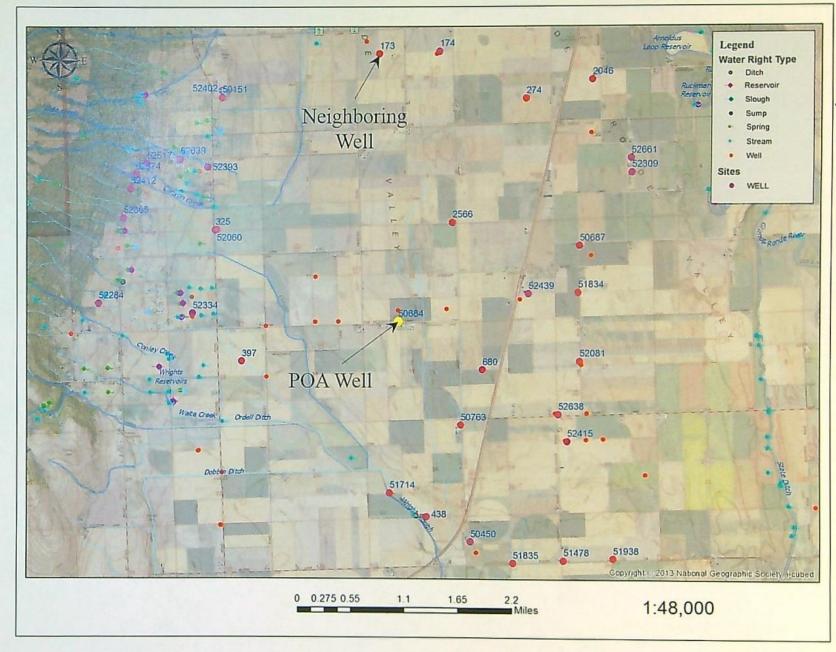
Summary of Authorized and Proposed Use from UNIO 50684

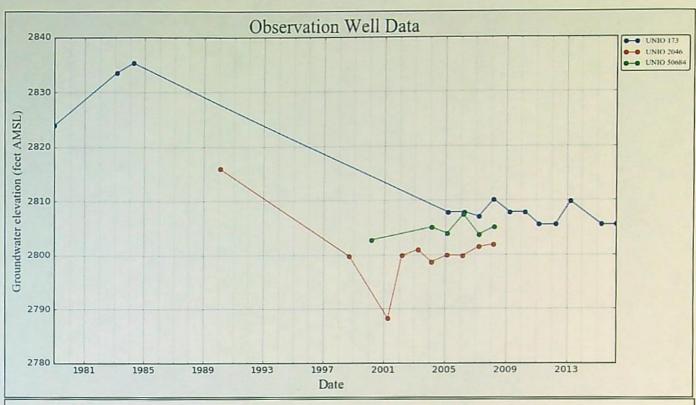
| Application | Permit | Certificate | Priority Date | Rate (CFS) | Status |
|-------------|---------|-------------|---------------|------------|------------|
| G-13878 | G-12738 | | 11/17/1994 | 2.00 | Authorized |
| G-15464 | G-15160 | | 4/2/2001 | 3.79 | Authorized |
| G-15919 | G-15504 | 89503 | 1/31/2003 | 0.91 | Authorized |
| G-18894 | | | 12/16/2019 | 5.18 | Proposed |
| G-18895 | | | 12/16/2019 | 3.85 | Proposed |
| | | | | 15.73 | |

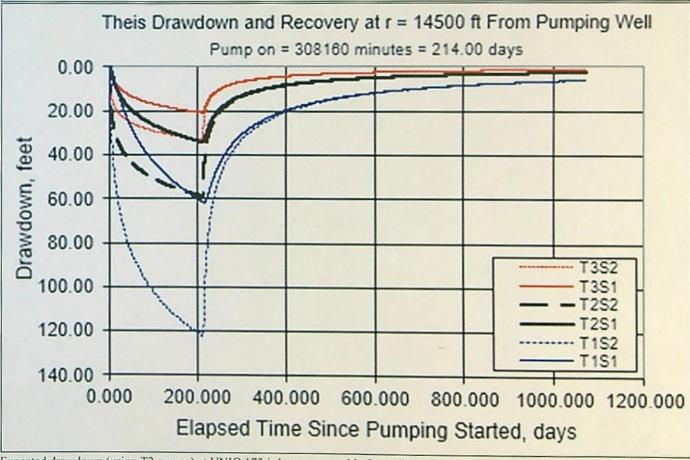
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Salem, OR

Exhibit F Page 6 of 8







Expected drawdown (using T2 curves) at UNIO 173 is between roughly 34 and 59 feet after pumping UNIO 50684 for 214 days at a rate of 15.73 cfs, the combined rate of current authorizations and the proposed rate on this application and G-18895.

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Exhibit F Page 8 of 8 50684

APR 1 3 2000

STATE OF OREGON

| (M required by ORS 337.765) | ESOURCES DEPT, WELLID. # | HO696 |
|--|--|--|
| Instructions for completing this report are on the last page of this form. | SIARI CAR | D• 77 17 7. |
| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal | |
| Namo GREA BINGAMAN | County UNION Latitude | Longitude |
| Address 64088 MC DONALD LAKE | Township 25 Ex S Ra | 38 E BOWN |
| Stay LAGRANGE State DR Zp97850 | Section 18 SE | |
| (2) TYPE OF WORK | Tex Lot 230/ Lot Blo | ckSubdivision |
| New Well Deopening Alteration (repair/recondition) Abandonment | Street Address of Well for peacest address | 11) 64088 MCDONID LAKE |
| (3) DRILLMETHOD: | | THE THE PARTY HAVE |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: | 7 20 95 |
| Other AIR REVERSE | Floring ft. below land surface. | Dato 7-30-98 |
| (4) PROPOSED USE: | | square inch. Date 3-4-2000 |
| Domestic Community Industrial Sirrigation | (11) WATER BEARING ZONES: | |
| ☐ Thermal ☐ Injection ☐ Livestock ☐ Other | | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found | 53 |
| Special Construction approval Yes No Depth of Completed Well 3138/1. | The second secon | |
| Explosives used Yes No Type Amount | From To | Estimated Flow Rate SWL |
| The state of the s | 154 | |
| | 134 | 100 22 |
| Diameter From To Material From To Sacks or pounds | 328 334 | |
| 23" 0 450 coment 0 197 2255K | 434 439 | |
| 19" 4501872 Coment 1772/872 130 5K | 542 544 | |
| | 768 774 | |
| | | |
| How was seal placed: Method A B OC D B | (12) WELL LOG: | |
| Other | Ground Elevation | |
| Probed cloud from the transfer of the transfer | | |
| Backfill placed from ft. to ft. Material 54 405 | Material | From To SWL |
| Gravel placed from 197 ft. to/779 ft. Size of gravel 3/8 | TOPSOIL | 0 1 |
| (6) CASING/LINER: | singly clay TAN | 1 108 22 |
| Diameter From To Garge Steel Plantic Welded Threaded | dry from SOFT | 108 112 |
| Cuing 18" #2 8 321 0 0 0 | digging SOFT | 110 123 |
| Cuing: 18 | clos grun of sond | 1177 |
| 14" 430 1873335 0 0 | at a show | /37 /4/ |
| 14" 430 1873 324 0 0 0 | can gray | 17/142 |
| 14.750000 2002145 | clay gray & Lord contre & | |
| Liner: 10-750177224721:150 0 0 | clay gray of And down come | 4 147 153 |
| 23/8/17/3/38 15/10 0 0 | smaletone + sond course | 4 153 154 |
| Final location of shoo(s) MO | grand V4-1" + and | 154 171 Water |
| (7) PERFORATIONS/SCREENS: | elog group SOFT | |
| Perforations Method Factory | chy Brown + gray | 171 182 |
| Screens Type Material STEEL Talephy | And & southerne grant de | 182 188 |
| Slot Tildybe | | 0 100 000 |
| From San Asmoer Diameter size Casing Liver | syndetime Block | 202 205 |
| | clay gray + gren 50FT & | md 205 209 |
| 33538473 250 640 80,750 250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Chapterie graf | 809 9/4 |
| 417 4457 414 640 8 0/4 . A50 D | day Brown + tout course | |
| 25872687 7161600 85/8 250 0 0 | cloy TAN - SOFT | 219 427 |
| 2697 2767 3/16/1908 5/8 250 0 | Class + sand - green | 247 475 |
| | AL TILL OF | 800 057 |
| (8) WELL TESTS: Minimum testing time is 1 hour | Con IXN-SOFT | 25/24/ |
| and a trout | | completed 3-6-2000 |
| Pump Bailer Air PUNP Arteries | (unbonded) Water Well Constructor Certif | |
| | I certify that the work I performed on the | construction, alteration, or abandonment |
| Yield gal/min Drawdown Drill stem at Time | | |
| 1700 36 10.250-180 7 hruns | Materials used and information reported aborand belief. | ve are true to the best of my knowledge |
| 0.050 1.07 | | WWC Number |
| PASSO ARTESIAN | Signed | |
| Temperature of water 101, 1 Depth Artesian Flow Found 1916 | (bonded) Water Well Constructor Certific | Date |
| Was a water analysis done? //O - Yea By whom_ | Lacord commendation Certific | 1000: |
| Did any strata contain water not suitable for intended use? 100 Too lette. | I accept responsibility for the construction | |
| Salty Muddy Odor Colored Other | performed during this time is in compliance | on dates reported above. All work |
| | construction standards. Dels report is true to | the best of my knowledge and ballet |
| Depth of strate: AFTESIAN 12 POUNTS | /// / | 1171011 |
| | Signed Walle Jours | |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SEC | CONTRACTOR OF THE CONTRACTOR O | Daie 3-20-200 |
| Receive | ed by OWRD | RD COPY-CUSTOMER |

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Exhibit G Page 1 of 19

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STATE OF OREGON .50684

APR 13 2000

WATER SUPPLY WELL REPORT
(to required by ORS 537.765)

Instructions for completing this report are on the last page of this formSALEM, OREGON

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

| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: County Latitude Longitude | | | | |
|---|--|------------------------------|---------------|-------------------------|-----------|
| Name | | | | | |
| Address | Township | N or S Range | | E or | W. WML |
| City State Zip | Section | 1/4 | | 1/4 | |
| (2) TYPE OF WORK | Tax LotL | ot Block | St | ubdivision_ | |
| New Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD: | Street Address of Wall | (or nearest address) | | | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATE | LEVEL: | | | |
| | | ow land surface. | 1 | Date | |
| Other Charles Her | Artesian pressure | | | Date | |
| (4) PROPOSED USE: | The state of the s | | ERII, I | | |
| Domestic Community Industrial Irrigation | (II) WATER BEARL | NG ZUNES: | | | |
| Thermal Injection Livestock Other | | | | | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was | first found | | | |
| Special Construction approval Yes No Depth of Completed Wellft. | | | | | |
| Explosives used Yes No Type Amount | From | To | Estimated | Flow Rate | SWL |
| HOLE SEAL | 797 | 800 | | | |
| Diameter From 2472 Material From To Sacks or posseds | 862 | 867 | | | |
| 12741872 2472 | 1001 | 1003 | | | |
| 9 Vx 2472 3138 | 1056 | 1058 | | | |
| | 1062 | 1067 | | | |
| | | 4-5-0 | | | |
| How was seal placed: Method A B C D E | (12) WELL LOG: | Elevation | | | |
| Other | Ground | Elevation | | | |
| Backfill placed from ft. to ft. Material | Materia | 1 | From | To | SWL |
| Gravel placed from ft. to ft. Size of gravel | chy grun + gr | | 941 | 254 | 3112 |
| (6) CASING/LINER: | day gray 5 | | 254 | 265 | |
| | | | 915 | 201 | |
| Diameter From To Gauge Steel Plantk Welded Threaded | clay grun 5 | | 263 | 230 | |
| Cuing: | chy gray + gra | | 320 | 325 | |
| , , , , , , , , , , , , | | ong - green | 325 | 334 | Water |
| | clay grean + gr | 7- HARD | 334 | 406 | |
| | grovel of mand of | chy grey | 406 | 410 | |
| Liner. | class grag | | 410 | 436 | |
| | | hand cookle | 436 | 439 | water |
| Final location of shoe(s) NO | chang green. | SOFT | 439 | | |
| (7) PERFORATIONS/SCREENS: | drystone+ d | of green HAND | 463 | 481 | |
| Perforations Method | elly grug | SOFT | 481 | 4/87 | |
| Screens Type 33B Material STEEL | day & send 9 | run SOFT | 487 | 598 | |
| Slot Tele/plac | dry Brown | | I 9 C | 542 | |
| 98/73/38 5/4 5/20 8 37 1930 D D | don't green | FINE | | 544 | (1) 1/20 |
| | | in SOFT | | 376 | 2 |
| | class ares 1 | andly SOFT | | | |
| | Rock | SOF! | 576 | | |
| | de chiate | Aun | 415 | 4/4 | |
| | 777 | 501-1 | 11/4 | 112 | |
| (8) WELL TESTS: Minimum testing time is 1 bour | may 12 mm t | surgy JOFT | 117 | 725 | |
| (o) WELL TESTS. Whilmin testing time is I bour | Date started | Comple | | | |
| Flowing | (unbonded) Water Well | | | | |
| Pump Bailer Air Artesian | I cortify that the work | performed on the constr | uction, after | stion, or abe | ndenment |
| Yield gal'min Drawdown Drill stem at Time | of this well is in complian Materials used sod inform | CO WILL OFFICE WHERE HE | on the witter | en often corrigions and | and-at- |
| 1 hr. | and belief. | and reported above are | dies to the c | en or my E | now sedge |
| | | | WWC Nu | mber | |
| | Signed | | | Date | |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Co | ostructor Certification | | - | |
| Was a water analysis done? Yes By whom | | for the construction, alter | | | |
| Did any strata contain water not suitable for intended use? Too little | Performed on min well de | Tipe the construction date | e roward . | home All - | |
| Salty Muddy Odor Colored Other | personated desirable that the | to us to competitance with (| PROVED TOTAL | e stronghe men! | 1000 |
| Depth of strata: | construction standards. T | per report is true to the b | est of my kn | xowledge and | d belief. |
| | 5-1/1 | 41 | WWC Nu | mber 13 | 99 |
| ORIGINAL & FIRST CORY WATER RECOURAGE STREET | Signed Wally | 1 some | | _Date | |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SE | HECENETS | OSTOROVIER CO | OPY-CUS | TOMER | |

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F.F. 1 3 2000

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS \$177.565)
Instructions for completing this report are on the last page of this form

| WATER RESOURCES DEP | WELL I.D L | 40696 |
|---------------------|------------|--------|
| SALEM, OREGON | START CARD | 114141 |

| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: | | | | | |
|--|--|--|--|--|--|--|
| Name · | County Latitude Longitude | | | | | |
| Address | Township N or S Range E or W. WM. | | | | | |
| City State Zip | Section 1/4 1/4 | | | | | |
| (2) TYPE OF WORK | Section | | | | | |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) | | | | | |
| (3) DRILL METHOD; | | | | | | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: | | | | | |
| | ft. below land surface. Date | | | | | |
| Other Control of the | Artesian pressure | | | | | |
| (4) PROPOSED USE: | (II) WATER BEARING ZONES: | | | | | |
| Domestic Community Industrial Irrigation | (II) WALLE BEARING BOTTES | | | | | |
| Thermal Injection Livestock Other | D. A. a. Alika and a Good Small | | | | | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found | | | | | |
| Special Construction approval Yes No Depth of Completed Wellft. | To February Rest Start | | | | | |
| Explosives used Yes No Type Amount | From To Estimated Flow Rate SWL | | | | | |
| HOLE SEAL | 109/ 1093 | | | | | |
| Dinmeter From To Material From To Sacks or posses | 1222 1226 | | | | | |
| | 1477 1479 | | | | | |
| | 1540 1542 | | | | | |
| | 1620 623 | | | | | |
| | (12) WELL LOG: | | | | | |
| How was seal placed: Method A B C D B | Ground Elevation | | | | | |
| Other | | | | | | |
| Backfill placed fromft. toft. Material | Material Prom To SWL | | | | | |
| Gravel placed from ft. to ft. Size of gravel | day Brown in Red SOFT 725 729 | | | | | |
| (6) CASING/LINER: | day TAN SOFT + Dry 729 731 | | | | | |
| | chapten + grand 18-1" 731 732 | | | | | |
| | day grum SOFT 732 739 | | | | | |
| Caring | | | | | | |
| | | | | | | |
| | dry Brown SOFT 740 768 | | | | | |
| | and townet day gran 768 7741 water | | | | | |
| Lizer: | dry gean SOFT 774797 , | | | | | |
| | grand 18-1" 297 800 white | | | | | |
| Final location of shoe(s) | day Brown SOFT 800 827 | | | | | |
| (7) PERFORATIONS/SCREENS: | cligIAN SOFT 827832 | | | | | |
| Perforations Method | class grag + green SOFT 839 849 | | | | | |
| Screens Type Material | day green Hart + aug 842862 | | | | | |
| From To size Number, Diameter size Casing Liner | sand course & grown 18-1"862 867 with | | | | | |
| From To also Number Diameter size Casing Liner | day great gray SOFT 8/17 898 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | sindly day - gram 918 923 | | | | | |
| | clay gray & Brown Hard Dry 9 23 9/49 | | | | | |
| (8) WELL TECTS, Million and the state of the | Sand + day gran + grand soul 969 971 | | | | | |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started Completed | | | | | |
| Flowing | (unbonded) Water Well Constructor Certification: | | | | | |
| Pump Bailer Air Artesian | I certify that the work I performed on the construction, alteration, or abandonment | | | | | |
| Yield gal'min Drawdawa Drill stem at Time | I WE WILL WELL IN CLEANING WITH LATER OF WHITE CHEST WHITE STORY WHITE CONTRACT CONT | | | | | |
| 1 hr. | Materials used and information reported above are true to the best of my knowledge and belief. | | | | | |
| | | | | | | |
| | Signed Pare | | | | | |
| Temperature of water Depth Artesian Flow Found | E/ may | | | | | |
| Was a water analysis done? Yes By whom | (bonded) Water Well Constructor Certification: | | | | | |
| | I accept responsibility for the construction, alteration, or abandonment work | | | | | |
| Did any strata contain water not suitable for intended use? Too little | performed during this time is in compliance with Organization above. All work | | | | | |
| Salty Moddy Odor Colored Other | construction standards. The report is true to the best of my knowledge and belief. | | | | | |
| Depth of strata: | WWC Number | | | | | |
| | Signed Walker Jone Dura | | | | | |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SE | Marin mark mark mark mark mark mark mark mark | | | | | |
| | COND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER | | | | | |

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Exhibit G— Page 3 of 19

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

APR 1 3 2000

WELL I.D. # L. 40 69 60 START CARD # 114141

|) OWNER: | | WE | II Numi | | County | Labrude | Loc | gitude | |
|--|--------------------------|--|--------------------------|--------------------------|-------------------------|--|--------------------|-----------------|----------|
| ame Admin | | | | | Township | N or S Range | | E or W. WML | |
| ddress | - | Custo | | 7 in | Section | on 1/4 | | | |
| ity OF WOR | , | State | | Zip | Tax Lot | Lot Block | Su | bdivision | |
| TYPE OF WOR | | | | - \ \ A bundament | Street Address of We | il (or nearest address) | | | |
| New Well Deeper | | nou (Lebers/Le | conditio | a) Nonecentra | (10) STATIC WATE | | | | - |
| Rotary Air Ro | tary Mod | Cable [| Auge | | ft. be | low land surface. | | atc | |
|) PROPOSED US | E: | | | | Artesian pressure | | re inch. [| ste | |
| Domestic Co | mmunity [| Industrial | | rigation | (11) WATER BEAR | ING ZUNES: | | | |
| The state of the s | The second second second | Livestock | | ther | | | | | |
| 5) BORE HOLE C | | | | | Depth at which water wa | u iffi found | | | |
| Special Construction ap | | | | | | T 70 | Reimard | Flow Rate | SW |
| Explosives used Ye | No Type | The second secon | _ Am | ount | From | 1010 To | Flowing | | |
| HOLE | | SEAL | | | 1915 | 1918 | Flowing | 25 301 | - |
| Diameter From Te | Materia | From | Te | Sacks or posseds | 2412 | 2417 | | 25 qpm | 100 |
| | | | | | 2722 | 2730 | | 250 | _ |
| | | | | | Ta 839 | 2845 | - | 350 gph | 400 |
| | | | | | | ,) | | | 1 |
| | | | | | (12) WELL LOG: | | | | |
| How was seal placed: | Method | | 3 🗆 | C D DE | Groun | d Elevation | | | - |
| Other | | | 100 | | | | 1 - | - | erre |
| Backfill placed from _ | | | Materia | | Mater | the same of the sa | From | 973 | SWL |
| Gravel placed from | ft to | ft. | Size of | gravel | clay green | SOFT | 971 | | |
| (6) CASING/LINE | R: | | | | groved + sand + | dog - green | 973 | | - |
| Diameter F | rees To G | appe Steel | Plastic | Welded Threaded | clay grun | | 974 | | |
| Casing: | | | | | Soul + aley | green | 983 | 985 | |
| | | | | | clay green | SOFT | 983 | 1001 | |
| | | | | | sond co | arse | 1001 | 1003 | Wit |
| | | | | | deg gran | SOFT | 1003 | 1006 | |
| iner: | | | | | And con | rie | 1006 | 1008 | |
| | | | | | day gree | ~ | 1008 | 1029 | |
| Final location of shoe(s | | | | | day green + | shoul 36-10 | 1022 | 1024 | |
| 7) PERFORATION | | S: | | | dog grun. | | 1024 | 10.39 | |
| Perforations | Method | | | | soul course | | 1021 | 10.34 | |
| Screens | Туре | | Mat | erial | deg green | SOFT | 1030 | 1048 | 9818 |
| _ s | lot | Diameter . | Tele/plp | Caring Liner | clod + soul | Fine + green | 1048 | | |
| Frem To 1 | za Number | D'AINEUT | D.C. | | | 3/4 | | 1058 | 417 |
| | | | | | chy dres | 50FT+Was | A LOTO | 10/4 | CASS. |
| | | - | | | groth Vo- | 170 | | | 1.17 |
| | | | | | des arem | | 1042 | 1067 | May 1 |
| | | | | | And cours | | 10.70 | 100) | |
| | | | | _ U U | The Chil | abor. | 10 (4 | 1081 | |
| 8) WELL TESTS: | Minimum to | sting time t | 1 hou | - | and and- | yum | 1081 | 1041 | |
| o, ii blac i bo io. | - Authorite te | orang time t | 3 1 100 | | Date started | | pleted | | |
| | Pailer | DAG | | Flowing | | Il Constructor Certifica | | | |
| Pump Bailer Air Artesian | | | of this well is in come! | k I performed on the con | estruction, alter | ation, or abs | ndoam | | |
| Yield gal'mia | Drawdown | Drill ster | 111 | Time | WINNESS HINGO TOG ILLIO | ance with Oregon water rmation reported above | are true to the | best of my br | nowled |
| | | | | 1 hr. | and belief. | | en Evaluto A Rafo. | -, - | |
| - | | | | | | | WWC Nu | mber | |
| | | | | | Signed | | | Date | |
| Temperature of water_ | | Depth Artesia | | Found | (booded) Water Well | Constructor Certificati | 001 | | |
| Was a water analysis de | xne7 Y | es By whom | | | I accept responsibili | ty for the construction | Iteration or al | andonment : | work |
| Did any strata contain v | | | - Park | Too little | performed during this t | ime is in compliance with | dates reported | above. All w | vork |
| Salty Muddy | Odor D | Colored | Other | | construction standards. | This report is true to th | e best of my b | nowledge an | d belief |
| Depth of strata: | | | | | . 1 / | 11 | WWC N | and the same of | Cuel |
| | | | | | Sipply Chal | 111 | 11 11 11 11 | | |

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UNIO 50684

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

APR 13 2000

WELL LD. # L 40 / 9/0 START CARD # 1/4/4/

| (as required by ORS 537.765) Instructions for completing this report are on the last pWATER RESOURCE. | RCES DEPT. START CARD # 11-71-91 |
|---|---|
| | EGON (9) LOCATION OF WELL by legal description: |
| (1) OWNER: Well Number | (9) LOCATION OF WELL By regar description |
| Name | County Latitude Longitude |
| Address | Township N or S Range E or W. WM. |
| City State Zip | Section 1/4 1/4 |
| (2) TYPE OF WORK | Tax Lot Block Subdivision |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) |
| (3) DRILL METHOD: | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: |
| □ Other | ft. below land surface. Date |
| (4) PROPOSED USE: | Artesian pressure Ib. per square inch. Date |
| Domestic Community Industrial Imigation | (11) WATER BEARING ZONES: |
| Thermal Injection Livestock Other | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Wellft. | |
| | From To Estimated Flow Rate SWL |
| Explosives used Yes No Type Amount HOLE SEAL | |
| | |
| Diameter From To Material From To Socks or pounds | |
| | |
| | |
| | |
| | (12) WELL LOG: |
| How was scal placed: Method A B C D B | Ground Elevation |
| Other | |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | and course 1091 1093 water |
| (6) CASING/LINER: | day gran 15ord 1693 1/18 |
| Discreter From To Gange Steel Plastic Welded Threaded | dry Brown Hord 1/18/186 |
| Casing: | sond course green 1/26/1/31 |
| | chan grun 1/3/ 1/46 |
| | dog gray isard 1/46/149 |
| | dy prom + deptone land 18497152 |
| Liber: | day eighten Hard, 1152/198 |
| | day ton JoFT+ and course Longton 1/198/222 |
| Final location of shoe(s) | And coarse glan 1222 1226 Water |
| (7) PERFORATIONS/SCREENS: | changer SOFT 12861229 |
| Perforations Method | clay the SOFT 1819 1945 |
| Screens Type Material | de stone green 1245/254 |
| From , To , size , Number , Diameter , size Casing Liner | chej groy + green+ doglore 1254/258 |
| PTOWN 10 MIN (NAME) NO. CAMBE CAME | clog Brown's Sur SOFT +HATA12581261 |
| | 11.19. 0. 00 00 |
| | dry grow 50 FT /2 72/A 99 |
| | Sand General green 1299 1293 |
| | class green 12 92 12 05 |
| | (1-1 pl-k 11-10 /273/275) |
| (8) WELL TESTS: Minimum testing time is 1 hour | District |
| to a service and the service of the | Date started Completed |
| Daving Plowing | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Artesian | I certify that the work I performed on the construction, alteration, or abandonment |
| Yield gal'min Drawdown Drill stem at Time | 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 |
| 1 hr. | and belief. |
| | WWC Number |
| | Signed Date |
| | (bonded) Water Well Constructor Certification: |
| Temperature of water Depth Artesian Flow Found | (counce) traite treat council actor Certainanni |
| Temperature of water Depth Artesian Flow Found Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment much |
| | I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work |
| Was a water analysis done? Yes By whom Did any strata contain water not ruitable for intended use? Too little | 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 Oceans water and |
| Was a water analysis done? Yes By whom | 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. |
| Was a water analysis done? | 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 Oceans water and |

AUG 1 6 2024

Exhibit G _ Page 5 of 19

Un10 50684

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#6019

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

APR 1 3 2000

WELL I.D. # L 4069 (e START CARD # 114141

| (as required by ORS 537.765) Instructions for completing this report are on the last WATER RESOUR SALEM, ORI | CC | TART CARD # _ | 114141 | _ |
|---|--|-------------------------|-------------------------------|---|
| | (9) LOCATION OF WEI | I. by legal descri | intion: | |
| (1) OWNER: Well Number | County | Latitude | Longitude | |
| Name | Township | N or S Rance | E or W. | WML |
| Address | Section | 1/4 | 1/4 | |
| City State Zip | Tax LotLot | Block | Subdivision | |
| (2) TYPE OF WORK | Street Address of Well (or | | | |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Vocacity of them for | | | |
| (3) DRILLMETHOD: | (10) STATIC WATER L | VEL: | | |
| Rotary Air Rotary Mud Cable Auger | | nd surface. | Date | |
| Other (4) PROPOSED USE: | Artesian pressure | | | |
| | (11) WATER BEARING | | | |
| | (11) WHI DIE DELINE | | | |
| Thornal Injection Livestock Other (5) BORE HOLE CONSTRUCTION: | Depth at which water was first | found | | |
| Special Construction approval Yes No Depth of Completed Wellft. | D-pai = 11111 | otsonia (| | |
| Explosives used Yes No Type Amount | From | To | Estimated Flow Rate | SWL |
| HOLE SEAL | | | | |
| Diameter Prom To Material Prom To Sacks or posseds | | | | |
| la l | | | | |
| | | | | |
| | | | | |
| | (12) WELL LOG: | | | |
| How was seal placed: Method A B C D E | | ation | | |
| Other | | | | |
| Backfill placed fromft. toft. Material | Material | | | SWL |
| Gravel placed from ft. to ft. Size of gravel | day gray SOI | Et | 18.98 1323 | |
| (6) CASING/LINER: | And work | | 13231385 | |
| Diameter From To Gauge Steel Plastic Welded Threaded | day green of day | gottine. | 13251343 | |
| Casing: | Soud FIXE to | og gran | 12431345 | |
| | des grun 19 | | 13451375 | |
| | sand course | | 13251378 | |
| | clay green + day | utome | 13781398 | |
| Liner: | day gray SOF | | 13901393 | |
| | clay Brown i | | 13 93 1403 | |
| Final location of shoo(s) | clay green son | | | |
| (7) PERFORATIONS/SCREENS: | class green 50 | | 14051416 | |
| Perforations Method | clay green + s. | | 414161421 | |
| Screens Type Material | and course of gr | | 14811493 | |
| From To size Number Diameter size Casing Liner | clay grun SOF | | 1423 1439 | |
| | clay trolly to | SOFT | 14391441 | |
| | And course to | las green | 1441 1444 | |
| | chy grun +1 | Juna SOFT | 14441447 | |
| | clas gray + gr | LON YOUR SOF | 114471451 | |
| | clog sandly R. | LSOFT | 1451 1457 | |
| | clos groy gree | SOFT | 14551455 | 111111111111111111111111111111111111111 |
| (8) WELLTESTS: Minimum testing time is 1 hour | Date started | Comple | etwl | |
| | (unbooded) Water Well Coo | | | |
| Pump Bailer Air Artesian | I certify that the work I per | | | |
| Yield gal/min Drawdown Drill stem at Time | of this well is in compliance a | with Oregon water no | moly well construction star | |
| 1 hz. | Materials used and informatio and belief. | n reported above are | true to the best of my kno | wledge |
| | | | WWC Number | |
| | Signed | | | |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constr | nucles Cardiff and | Date | |
| Was a water analysis done? Yes By whom | | | | |
| Did any strata contain water not suitable for intended use? | I accept responsibility for a performed on this well during | the construction dat | or recorded above All | xk |
| Salty Muddy Odor Colored Other | performed during that time it | IN COMPANIENCE With (| Ornores treated extended most | |
| Depth of strata: | construction standards. This | report is true to the b | est of my knowledge and | belief. |
| | 0 () () | 1 | WWC Number | |
| ORIGINAL & FIRST CORY WATER RESOURCES | Signed Walker | some | Date | |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT OF | COMPROPY-CONSTRUC | TOR THIRD | COPY-CUSTOMER | |

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Exhibit G _ Page 6 of 19

#70019

Unio 5.0684 STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS \$31.765)

APR 1 3 2000

WELLI.D. # L. 40696 START CARD # [1919]

| | this report are on the last | | (9) LOCATION OF | WELL by legal des | cription: | |
|---------------------------------|--|--|--|----------------------------|--|---------|
| 1) OWNER: | . Well Num | ber | (5) LUCATION OF | Latitude | Longitude | |
| iame | | | County | N. c. C. Denne | E ~ W | ww |
| Address | | | Township | N or 5 Kunge | H or W | |
| Tity | State | Zip | Section | 1/4 | Col Sulden | |
| 2) TYPE OF WORK | | | | | Subdivision | |
| New Well Deepening | Alteration (repair/reconditi | on) Abandonment | Street Address of We | il (or nearest address) | | |
| 3) DRILLMETHOD: | | | | | | |
| Rotary Air Rotary M | ud Cable Auge | r | (10) STATIC WATE | R LEVEL: | | |
| Other | | | ft. be | low land surface. | Date | |
| 4) PROPOSED USE: | | | Artesian pressure | | are inch. Date | |
| | | rigation ther | (11) WATER BEAR | ING ZONES: | | |
| (5) BORE HOLE CONS | | | Depth at which water wa | a first found | | |
| Special Construction approval | | | F | To | Estimated Flow Rate | SW |
| Explosives used Yes ! | No Type Ar | nount | From | 10 | Estimated Flow Rate | 34 |
| HOLE | SEAL | | | | | - |
| Diameter From To | Material From To | Sacks or pounds | | | | + |
| | | | | | | - |
| | | | | | | |
| | | | | | | |
| | | | (12) WELL LOG: | | | |
| How was seal placed: M | ndbod A B | C DD DE | A STATE OF THE PARTY OF THE PAR | d Devation | All the same of th | |
| Other | | | | | | |
| | ft. toft. Materi | 1 | Materi | | From To | SWL |
| | ft. to ft. Size of | gravel | cly grun | SOFT | 1435 1461 | |
| (6) CASING/LINER: | | | | | 14611463 | |
| Diameter Frem | To Gauge Steel Plastic | Welled Threshed | | | T 14631476 | |
| | The state of the s | The state of the s | clas gray 9 | | | |
| Cuting: | | | | | | 7 3 |
| | | | and course t | | | val |
| | | | day green | 10/5 | 14791496 | |
| | | | | soft a clayst | | |
| Liner: | | | Pork & so | | 1498 | |
| | | | cay gray | SOFT | 14981314 | |
| Final location of shoe(s) | | | dry gren 50 | FIT wind course | | |
| 7) PERFORATIONS/SC | REENS: | | clay green | SOFT | 1518 1540 | |
| Perforations Meth | od | | soud con | ue | 134013491 | 11-7 |
| Screens Type | | erial | day green | | 1542 1547 | VAL |
| Slot | Tels/ph | | | SOFT | 15471568 | |
| Trem It Mark | Vamber Diameter size | Caring Liber | che alen sa | FT + Amyl com | NUS 43 1547 | |
| | | | The street of the control of the street of t | | | |
| | | | chay green s | 11/100 | 1547 1579 | |
| | | | The grunt | The gray Do | 279/300 | |
| | | | day grain 3 | OFT and cres | 11/582/591 | |
| | | _ 0 0 | sond course | green | 15911594 | |
| | | | clay green | SOFT | 13991609 | |
| 8) WELL TESTS: Mini | num testing time is 1 boo | ır | Date started | Con | pleted | |
| | | Flowing | (unbonded) Water Wei | | | |
| Pump Baile | □ Air | Artesian | I certify that the worl | I performed on the co | astruction alteration or aban | d |
| Yield gal'min Drawds | wa Drill stem at | Time | of this well is in compli | LOCK With Oregon Water | stronly well construction etc. | -41 |
| | | 1 hr. | and belief. | mation reported above | are true to the best of my kno | wied |
| | | | | | Manuer 11 | |
| | | | Simul . | | WWC Number | |
| Temperature of water | Dorch Associan Division | Parad | Signed | | Date | - |
| Temperature of water | Depth Artesian Flow | -ound | (bonded) Water Well (| | | |
| Was a water analysis done? | Yes By whom | | I accept responsibilit | y for the construction, | diteration, or abandonment w | ork |
| Did any strata contain water no | | Too linte | performed on this well | wing the construction | dates recorded shows All | xk |
| Salty Meddy Odd | or Colored Other | | construction standards | This report is true to the | th Oregon water supply well to best of my knowledge and | half-e |
| Depth of strata: | | | The same of the | 1/1 | | betief. |
| | | | 1 1 | 1111 1 | WWC Number | |
| | | | Signed (1) | V.Ca | Q Date | |

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Exhibit G_ Page 7 of 19

Unio 50684 APR 13 2000

#80019

STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WATER RESOURCES DEPT.

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

| And construction of completely this report are on the last page of this formal | (A) I OCATION OF WELL by level description: |
|--|---|
| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: CountyLatitudeLongitude |
| Name | Township N or S Range E or W. WM. |
| Address City State Zip | Section 1/4 1/4 |
| (2) TYPE OF WORK | Tix Lot Block Subdivision |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) |
| (3) DRILL METHOD: | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: |
| □ Other | ft. below land surface. Date |
| (4) PROPOSED USE: | Artesian pressure lb. per square inch. Date |
| Domestic Community Industrial Irrigation | (11) WATER BEARING ZONES: |
| Thermal Injection Livestock Other | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Wellft. | From To Estimated Flow Rate SWL |
| Explosives used Yes No Type Amount | From To Estimated Flow Rate SWL |
| HOLE SEAL | |
| Diameter From To Material From To Sacks or possess | J' 1 |
| | |
| | |
| | (12) WELL LOG: |
| How was scal placed: Method A B C D E | Ground Elevation |
| Other | |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | day gran + and course 16091620 |
| (6) CASING/LINER: | day green SOFT /623/627 |
| Diameter From To Gauge Steel Plastic Welded Threaded | Long green SOFT /6 27 /6 27 |
| Casing: | Lend course + grond 12-38 16291632 |
| | clay + sand green 1432 1434 |
| | Sand course green 16361638 |
| Liner: | clay + Stule - green Dark 16381647 |
| | day gray + Block 50FT 1647/1649 |
| Final location of shoe(s) | day grica 30+7 1649/633 |
| (7) PERFORATIONS/SCREENS: | clay gray SOFT 1/6531/657 |
| Perforations Method | day gruns dry 1/6/01/6/1 |
| Stee Type Material Telephot | |
| From To size Number Diameter size Caring Liner | day grunt state grunt Red 16 8/1709 |
| | Shale gram Dark + grant 2/4 / 709 1712 |
| | clay green Soft o grand 3/4/1/3/17/16 |
| | clay green SOFT 17/6/1728 |
| | day grun port 17381740 |
| | famil course 1740 1743 |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started Completed |
| Flowing | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Arterian | I certify that the work I performed on the construction, alteration, or abandonment |
| Yield gal'min Drawdown Drill stem at Time | 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 |
| I hr. | and belief. |
| | WWC Number |
| Temperature of water Depth Artesian Flow Found | SignedDate |
| Was a water analysis done? Yes By whom | (bonded) Water Well Constructor Certification: |
| Did any strata contain water not suitable for intended use? Too little | I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during the interest of the second during the construction dates reported above. |
| Salty Muddy Odor Colored Other | position out till till till til till till till til |
| Depth of strata: | construction standards. This percet is true to the best of my knowledge and belief. |
| | Signed Walle Forme WWC Number |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SE | |

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(to required by ORS 537,763)

APR 13 2000

WELL I.D. # L 40696 START CARD # 1/4/4/

| Instructions for completing this report are on the last panel A Res Co. | DEGUN. | |
|---|---|---------|
| (1) OWNER: Well Number SALEM, C | () Dochtion | |
| Name | CountyLongitudeLongitude | Order L |
| Address | Township N or S Range E or W. V | WM. |
| City State Zip | Section 1/4 1/4 | |
| (2) TYPE OF WORK | Tax Lot Lot Block Subdivision | |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) | |
| | | |
| (3) DRILLMETHOD: | (10) STATIC WATER LEVEL: | |
| Rotary Air Rotary Mud Cable Auger | ft. below land surface. Date | |
| Other | Artesian pressure lb. per square inch. Date | |
| (4) PROPOSED USE: | (II) WATER BEARING ZONES: | |
| Domestic Community Industrial Irrigation | (II) White street and the | |
| Thermal Injection Livestock Other | Depth at which water was first found | |
| (5) BORE HOLE CONSTRUCTION: | Deput at within wait was take towns | |
| Special Construction approval Yes No Depth of Completed Wellft. | From To Estimated Flow Rate | SWL |
| Explosives used Yes No Type Amount | Priority 10 England 10 10 10 10 10 10 10 10 10 10 10 10 10 | |
| HOLE SEAL | | |
| Diameter From To Material From Te Sacks or pounds | | |
| | | |
| | | |
| | | |
| | (12) WELL LOG: | |
| How was seal placed: Method A B C D E | Ground Elevation | - |
| Other | Market Barrier To St | WL |
| Backfill placed from ft. to ft. Material | 11000100 | WL |
| Gravel placed from ft. to ft. Size of gravel | | |
| (6) CASING/LINER: | dry Brown SOFT DAY 1744/7.51 | - |
| Diameter From To Gauge Steel Plantic Welded Threaded | clay of shale Block 1751 1746 | |
| Casing: | clip Brown 50FT 17461271 | |
| | clay grum SOFT 1771 1776 | |
| | don Brown 50/-1 1776/779 | |
| | day grun 30FT 17791781 | |
| Liner: | dy Blom SOFT 17811754 | |
| | clay + shale Brook's guan 1784 | |
| Final location of shoe(s) | SOFT + HArd 1786 | |
| (7) PERFORATIONS/SCREENS: | dry Brown 17841787 | |
| Perforations Method | day Brown's green SOFT 1787 | |
| Skel Type Material Tele/pipe | + HOZA 1788 | |
| From To size Number Diameter size Casing Liner | cha green + SOFT 17881791 | |
| | dry greggeren SOFT 1791 1793 | - |
| | clay Brown 50FT 17931796 | |
| | day glay SOFT 1796/1798 | |
| | duy Brown 50 FT 17981805 | |
| | clay gray 30 FT + HATEL 805 1808 | |
| | 1808 | |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date startedCompleted | |
| Flowing | (unbooded) Water Well Constructor Certification: | |
| Pump Bailer Air Artesian | I certify that the work I performed on the construction alteration as about | MITTER! |
| Yield gal'min Drawdawn Drill stem at Time | Of this well is in compliance with fixeeon material analysis and another mines | |
| 1 hr. | Materials used and information reported above are true to the best of my know and belief. | lodge |
| | WWC Number | |
| | Signed Date | |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Weil Constructor Certification: | |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction alternation and and | |
| Did any strata contain water not suitable for intended use? Too little | I accept responsibility for the construction, alteration, or abandonment wor performed on this well during the construction dates reported above. All work | K |
| Salty Muddy Odor Colored Other | | |
| Depth of strata: | to the best of my knowledge and be | clicf. |
| | Signed Walls Jone WWC Number Date | |
| ODICINAL & EDCT CODY WATER DESCRIPTION OF THE PROPERTY OF THE | Signed Water tome Date | |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT S | ECONO COPY-CUSTOMER THIRD COPY-CUSTOMER | |

AUG 1 6 2024

Salem, OR

Exhibit G __ Page 9 of 19

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(sa required by ORS \$37.765)

APR 1 3 2000

WELL LD. # L. 4069(e START CARD # [] 4 | 4 |

| (as required by ORS 537.765) Instructions for completing this report are on the last page of the CLEM, | UNCES DEPT. START CARD 1/1 (1 |
|--|--|
| | (9) LOCATION OF WELL by legal description: |
| (1) OWNER: Well Number | CountyLanitudeLongitude |
| Name | Township N or S Range E or W. WM. |
| Address | Section 1/4 1/4 |
| City State Zip | Tax Lot Lot Block Subdivision |
| (2) TYPE OF WORK | Street Address of Well (or nearest address) |
| New Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD: | Street Address of Hell (or Boates) |
| No. Mark Market Construction (Construction Construction C | (10) STATIC WATER LEVEL: |
| Rotary Air Rotary Mud Cable Auger | ft. below land surface. Date |
| Other (4) PROPOSED USE: | Artesian pressure lb. per square inch. Date |
| | (11) WATER BEARING ZONES: |
| Domestic Community Industrial Irrigation Thermal Injection Livertock Other | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Wellft. | |
| Explosives used Yes No Type Amount | From To Estimated Flow Rate SWL |
| HOLE SEAL | |
| Diameter From To Material From To Sacks or pounds | |
| Comment, Lieur In warrent Lieur In 2007 of London | |
| | |
| | |
| | WAY BURLLIOC |
| How was seal placed: Method A B C D E | (12) WELL LOG: Ground Elevation |
| | Ologia Establi |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | clay gray + Brown + 1808 |
| (6) CASING/LINER: | Black SOFT & Hard 1810 |
| Diameter From To Gauge Steel Plastic Welded Threaded | clay gener SOFT 1810 1811 |
| | clas grou 1811 1815 |
| Cuing: | chap gray gram 50FT 1815 1817 |
| | clea Brown 1517/829 |
| | chy gran som + chapter / 885 1828 |
| Liner: | day gray SOFT+ depetre 1883 |
| | abok 1869 |
| Final location of shoe(s) | chap Brown SOFT-Hord 1829/838 |
| (7) PERFORATIONS/SCREENS: | clay gray Brown SOFT 18381842 |
| Perforations Method | chy Brown + gray 50FT 184218-51 |
| Screens Type Material | |
| Slot Telely ipe | Bosit Block + dry Bloy 1867 |
| From To size Number Diameter size Casing Liner | |
| | |
| | conder Block SOFT & 1876 |
| | change Block 1879 |
| | 0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | de go sect Book 1889 |
| (8) WELL TESTS: Minimum testing time is 1 hour | day Red SOFT cinder Blook V889 V892 |
| (o) White Fig. (and the is 1 floor | Date started Completed |
| Pump Bailer Air Arietian | (unbonded) Water Well Constructor Certification: |
| | I certify that the work I performed on the construction, alteration, or abandonment |
| Yield gal'min Drawdown Drill stem at Time | 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 |
| 1 hr. | and belief. |
| | WWC Number |
| Described forty Destrict Destrict | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed during this time is in compliance with Owner All work |
| Salty Muddy Odor Colored Other | construction standards. This paper is true to the best of my knowledge and belief. |
| Depth of strata: | WWC Number |
| | Signed and order Date |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SI | |
| Received b | OV OWRD THIRD COPY-CUSTOMER |

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Exhibit G _ Page 10 of 19

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STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) APR 1 3 2000

WELLID. # L 40696 START CARD # 114141

| (1) OWNER: | | the last past WATER RESC | (9) LUCATION OF | HELL DY ICEN OC | cription: | |
|--|--|--|--|--|--|--------------|
| Name | | | County | Latitude | Longitude | _ |
| | | | Township | N or S Range | E or W | . W |
| Address City | State | Zip | Section | 1/4 | 1/4 | |
| (2) TYPE OF WORK | 31210 | | Tax Lot L | oxBlock_ | 1/4 Subdivision | |
| | Alteration (remain | recondition) Abandonment | Street Address of Wel | (or nearest address) | | |
| (3) DRILL METHOD: | | THE PARTY OF THE P | | | | _ |
| Rotary Air Rotary | | Auger | (10) STATIC WATE | R LEVEL: | | |
| Other | Man Cabie | - Lagra | /L bel | ow land surface. | Date | |
| (4) PROPOSED USE: | | | Artesian pressure | Ib. per squ | are inch. Date | |
| | unity [ladustrial | ☐ Irrigation | (11) WATER BEAR! | NG ZONES: | | |
| Thermal Injection | The state of the s | | | | | |
| (5) BORE HOLE CON | Sand . | | Depth at which water was | first found | | _ |
| | | th of Completed Wellft. | | | | - |
| | | Amount | From | To | Estimated Flow Rate | S |
| HOLE | SEAL | | | | | - |
| Charles and Charle | | To Sucks or pounds | | | | + |
| | | | | | | + |
| | | | | | | + |
| | | | | | | |
| | | | (12) WELL LOG: | | | |
| How was seal placed: | Method A | B C D DE | Ground | Elevation | | _ |
| Other | | | | | T - T - T | |
| Backfill placed from | ft to ft | Material | Materia | | From To | 54 |
| Gravel placed from | ft toft. | Size of gravel | Chy Brown + | conter Hoch | 1892 1894 | - |
| (6) CASING/LINER: | | | glory Block + | 11 11 11 | 1874 1897 | |
| Diameter From | To Gauge Steel | Plantic Welded Threaded | | my gun + | 1897 | - |
| Casing: | | | Bryan So | FT aindr 13h | 19/2 | |
| | | 0 0 0 | Back Block of | Cut grow Sol | ET 1912 1914 | _ |
| | | | cha grey so | FT Soud Black | K 1914 1915 4 | - |
| | | | Baret Block + | dograhligi | 1915 1918 H | -les |
| Liner: | | 0 0 0 | Breet Block + a | ing gery Sol | FT 1918 1920 | |
| | | | clay grand DOFT | FBAUT BLO | nt 1980 1994 | 200 |
| Final location of shoc(s) | | | ching plack so | PT | 19961929 | |
| | CARRETTA | | | | 100 | |
| (7) PERFORATIONS | | | clip strek a | inder Blook | | |
| (7) PERFORATIONS/S Perforations M | SCREENS: | | Brant Block | Yec. + Hale 9 | m 1931 1934 | |
| (7) PERFORATIONS/S Perforations M Screens Ty | | Material Tableton | Brand Block Co Brand gray Hou | right Blook Yea, + Hale green | 193/1934 1934/1937 | |
| (7) PERFORATIONS/S | lethod | Tale/pipe Casing Liner | Brail Block CA Brail gray Har Baut gray + de | rupt Blook Yuc. + Hale 94 d Alak gruss og grug- gran | 193/1934 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Slet | rpe | Takelyape street Casing Librar | Chapter Co Brail Block Bruil gray + La Basel gray + La Chapter & D | rupt Blook Yuc. + Hale 94 d Alak gruss og grug- gran | 1934/934 1934/937 1937/943 1942/954 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Slet | rpe | Telelyhye sher Casing Liner | Chapter Co Brail Block Bruss ging Han Basel grag + de Chap graf + De Chapter gray | inde Block Yes, + Hole It d Alph gran of gray - gran white Block | 193/1934 1934/1937 1937/1949 1948/1954 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Slet | rpe | Talelyshe size Casing Liner | Chapter Co Brail Block Bruss ging Han Basel grag + de Chap graf + De Chapter gray | inde Block Yes, + Hole It d Alph gran of gray - gran white Block | 1931/934 1934/937 1937/943 1943/954 1954/960 1965 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Slet | rpe | Talelysbe size Casing Liner | Chapter Co Brail Block Bruss ging Han Basel grag + de Chap graf + De Chapter gray | inde Block Yes, + Hole It d Alph gran of gray - gran white Block | 193/1934 1934/1937 1937/1949 1948/1954 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Slet | rpe | Talelyshe size Casing Liner | Chapter Co Brail Block Bruss ging Han Basel grag + de Chap graf + De Chapter gray | inde Block Yes, + Hole It d Alph gran of gray - gran white Block | 1931/934 1934/937 1937/943 1942/934 1944/960 1963/976 1963/976 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Shet Shet Shet Freen To shad | ethod | Talelyshe size Casing Liner | Chapter Co Brail Block Bruss ging Han Basel grag + de Chap graf + De Chapter gray | inde Block Yes, + Hole It d Alph gran of gray - gran white Block | 1931/934 1934/937 1937/943 1942/9460 1964/9660 1963/976 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Slet | ethod | Talelyshe size Casing Liner | Chapter Co Brail Block Bruss graf to Brail graf to Chap graff to Brail gray ch Brail gray ch Chapter gray ch Chapter gray ch Date sarted | inde Blook Yes, + Hale M d Alak grun y gray - grown alet Blook y gray + Ales y gray + Ales y gray + Ales y gray + Ales Lock BOFF + Alek Green Coo | 193/1934 1934/1937 1937/1949 1941/134 1944/1960 1963 1963/1976 1976 1976 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Shet Shet Freen To she | ntmum testing time | Telelyspe sitzs Casing Liner | Chap Block Co Brail Block Brail gray + do Chap gray + do Chap gray da Brail gray da Brail gray da Chap gray da Chap gray da Date sarted (unbooded) Water Well | Fight Blook Yes, + Hale M d Alpk grain y gray - grain and B Look y gray + shop y gray + shop y gray + shop to gray + shop Cool Coolingtor Certific | 193/ 1934 1934/1937 1937/1949 1948/1934 1948/1934 1948/1934 1963/1976 1976/1994 1976 1994 1994 | |
| (7) PERFORATIONS/S Perforations M Screens Ty Shell Freen To slaw Shell Sla | nimum testing time | Telelyspe size Casing Liner | Clark Block Co Brand Block Brand gray + do Clay gray + do Clay gray do Brand gray da Brand gray da Clay gray gran (unboaded) Water Well I cortify that the work | rught Blook Yes. + Hale M d Alok grun y gray - grow outh Blook y gray + Whis Coo Coostructor Certific I performed on the co | 193/934 1934/937 1937/943 1949/954 1944/960 1963/976 1963/976 1976/994 | odon |
| (7) PERFORATIONS/S Perforations M Screens Ty Shell Freen To slaw Shell Sla | ntmum testing time | Telelyspe size Casing Liner | Chap Block Co Brast Block Brast gray to Chap gray to Brast gray cha Brast gray cha Chap gray char Chap gray cha | Fight Blook Yes, + Uple 9 A stok grun y gray- gran alelt B Look y gray + Wels y gray + Wels y gray + Wels Coo Coostructor Certific I perform on we coo con with Orion was | 193/934 1934/937 1937/949 1949/934 1944/960 1963/976 1963/976 1964/994 Impleted | -4- |
| (7) PERFORATIONS/S Perforations M Screens Ty Shell Shell Freen To slise (8) WELL TESTS: Mil | nimum testing time | Telelyspe sitts Castag Liber | Chap Block Co Brast Block Brast gray to Chap gray to Brast gray cha Brast gray cha Chap gray char Chap gray cha | Fight Blook Yes, + Uple 9 A stok grun y gray- gran alelt B Look y gray + Wels y gray + Wels y gray + Wels Coo Coostructor Certific I perform on we coo con with Orion was | 193/934 1934/937 1937/943 1949/954 1944/960 1963/976 1963/976 1976/994 | -4- |
| (7) PERFORATIONS/S Perforations M Screens Ty Shelt Freen To slaw (8) WELL TESTS: Mil | nimum testing time | Telelyspe size Casing Liner | Chap Block Co Brast Block Brast gray to Chap gray to Chap gray to Brast gray char Chap gray char | Fight Blook Yes, + Uple 9 A stok grun y gray- gran alelt B Look y gray + Wels y gray + Wels y gray + Wels Coo Coostructor Certific I perform on we coo con with Orion was | 193/934 1934/937 1937/949 1949/934 1944/960 1963/976 1963/976 1964/994 Impleted | -4- |
| (7) PERFORATIONS/S Perforations M Structure To Shell Press To share | Number Diameter | Telelyspe sitra Casing Liber | Chap Block Co Brast Block Brast gray to Chap gray to Chap gray to Brast gray char Chap gray char | Fight Blook Yes, + Uple 9 A stok grun y gray- gran alelt B Look y gray + Wels y gray + Wels y gray + Wels Coo Coostructor Certific I perform on we coo con with Orion was | 193/1934 1934/1937 1937/1949 1949/1934 1949/1934 1944 1944 1946 1963/1966 1964 1964 1964 1964 1964 1965 1965 1966 1966 1966 1966 1966 1966 | -4- |
| (7) PERFORATIONS/S Perforations M Screens Ty Shell Shell Freen To slise (8) WELL TESTS: Mil | Number Diameter | Telelyspe size Casing Liner | Chap Block Co. Brast Block Brast gray to Brast gray to Clay gray to Brast gray clar Brast gray clar Clay gray grave Brast gray clar Clay gray grave Brast gray Date started (unbonded) Water Well 1 toerify that the work of this well is in complia Materials used and inform and belief. | Fught Blook Yes, + Uple 9 A ship grain y gray- grain y gray - grain Coo Coostructor Certific I performed on the coo oce with Oregon water mation reported above | 193 1934 1934 1937 1937 1949 1954 1954 1956 1966 1 | -4- |
| (7) PERFORATIONS/S Perforations M Structure To Shell Press To slaw Shell S | Number Diameter | releiyabe sitra Castag Liber | Clay Block Co. Brand Block Brand Gray Hour Brand Gray to D. Brand Gray to D. Brand Gray Clay Brand Gray Clay Brand Gray Clay Clay Gray Clay Clay Gray Clay Clay Gray Clay Clay Gray Clay Control | Fught Blook Year + Wale M A white green y gray - green outh B look y gray + whise y gray + whise y gray + whise Coo Coostructor Certificat one with Oregon water mation reported above | Lon. 93 934 934 934 934 937 943 945 954 954 954 954 955 965 | owie |
| (7) PERFORATIONS/S Perforations M Streem To Shell Prem To slae Permp | Number Diameter | releiyabe sitra Castag Liber | Clark Block Brast Block Brast Gray Hou Brast Gray Hou Brast Gray Day Brast Gray Clark Continy that the work of this well is in complia Materials used and inform and belief. Signed [bonded] Water Well Clark Jacoept responsibility performed on this well of | Fuglit Blook Yes, + Hale M A ship grain y gray - green alist B look y gray + Wils Coo Coo Coo Coo Coo Coo Coo C | 193/934 1939/937 1939/937 1939/937 1939/937 1939/937 1939/937 1939/937 1939/939 1943/9460 1946 1976/976 1996 1996 1996 1996 1996 1996 1996 1 | owie |
| (8) WELL TESTS: Mi Pamp Ba Yield gallinia Drav Temperature of water Was a water analysis done? | Number Diameter Number Diameter Number Diameter Number Diameter Number Diameter Air Air Depth Artes Yes By who Yes By who In post suitable for interpo | releiyabe sitra Castag Liber | Clark Block Brast Block Brast Gray How Brast Gray How Brast Gray Gray Brast Gray Brast Gray Brast Gray Brast Gray Date started [unbonded] Water Well 1 certify that he work of this well is in complia Materials used and inform and belief. Signed [bonded] Water Well C 1 accept responsibility performed on this well of performed during this time. | Fught Blook Yes, 4 Hale M A Alph Gran y gray- gran and B Look y gray + May y for the construction paring the construction uring the construction | 193/1934 1934/1937 1937/1949 1937/1949 1949/1954 1934/1960 Vac/1960/1963 1963/1976 1976/1976 1976/1976 1976/1976 1976/1976 1976 1988 100: alteration, or abandonment with Oversended above. All with Oversended above. | owle owle |
| (7) PERFORATIONS/S Perforations M Screens Ty Shell Prem To slav Shell Sh | Number Diameter Number Diameter Number Diameter Number Diameter Number Diameter Air Air Depth Artes Yes By who Yes By who In post suitable for interpo | re is 1 bour re is 1 bour Plowing Arterian 1 br. Arterian Time Arterian Too little | Clark Block Brast Block Brast Gray How Brast Gray How Brast Gray Gray Brast Gray Brast Gray Brast Gray Brast Gray Date started [unbonded] Water Well 1 certify that he work of this well is in complia Materials used and inform and belief. Signed [bonded] Water Well C 1 accept responsibility performed on this well of performed during this time. | Fught Blook Yes, 4 Hale M A Alph Gran y gray- gran and B Look y gray + May y for the construction paring the construction uring the construction | 193/934 1939/937 1939/937 1939/937 1939/937 1939/937 1939/937 1939/937 1939/939 1943/9460 1946 1976/976 1996 1996 1996 1996 1996 1996 1996 1 | owle owle |

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STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WATER RESOURCES DEPT.

WELLID. * L 40694 START CARD * 117141

| OWNER: Well Number | (9) LOCATION OF WELL by legal description: |
|--|--|
| ACDIO . | CountyLatitudeLongitude |
| ddress | Township N or S Range E or W. WM. |
| Try State Zip | Section 1/4 1/4 |
| TYPE OF WORK | Tex Lox Lot Block Subdivision |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) |
| | |
| B) DRILLMETHOD: | (10) STATIC WATER LEVEL: |
| Rotary Air Rotary Mud Cable Auger | ft. below land surface. Date |
| Other | Artesian pressure Ib. per square inch. Date |
| 4) PROPOSED USE: | (11) WATER BEARING ZONES: |
| Domestic Community Industrial Irrigation | (II) WATER BEARETS BOTTES |
| Thermal Injection Livestock Other | Depth at which water was first found |
| 5) BORE HOLE CONSTRUCTION: | The state of the s |
| Special Construction approval Yes No Depth of Completed Wellft. | From To Estimated Flow Rate SW |
| Explosives used Yes No Type Amount | Prom 10 Committee 1 to 4 tomo 5 to 5 |
| HOLE SEAL | |
| Diameter From To Material From To Sacks or pounds | |
| | |
| | |
| | |
| | (12) WELL LOG: |
| How was seal placed: Method A B C D E | Ground Elevation |
| Other | |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | Brack grug + cury gay SOFT 1994 1997 |
| (6) CASING/LINER: | My gray SOFT Based Block 1997 2002 |
| Diameter From To Gange Steel Plantic Welded Threaded | Balet gray day gray 50 FT 2008 9087 |
| Curing: | circles Red + Stock + dale grun 2087 9091 |
| | Baset Block + state gran gog 8091 3004 |
| | Baset gruy + still gran 2/04/2/09 |
| | Baset Block + Abole green 2109 2113 |
| iner: | Bacol Block vec. + Shale green 2/18 |
| | tom + Rink SOFT 2153 |
| Final location of shoe(s) | cindra Block " " " 2153 2162 |
| 7) PERFORATIONS/SCREENS: | Bout Buck + Wal green 91629164 |
| Perforations Method | Basett Block + gray + thole 2164 |
| Screens Type Material | grun + pink + gray + clay |
| From To size Number Dameier size Casing Lines | dreu Soll |
| | Baset Block + state Rel 18th 22/8/2221 |
| | Baset Berch + style grow chy 9 82212270 |
| | clay Red Brown Bell Blot 22709274 |
| | Bout Block + cinder Par 22742279 |
| | Baset gray + clip gray 30FT 2279 |
| | shile green \$ 204 |
| 8) WELL TESTS: Minimum testing time is 1 bour | |
| 1 To the first consider the state of the first of the state of the sta | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Artesian | |
| Yield galimin Drawdewn Drill stem at Time | I certify that the work I performed on the construction, alteration, or abandoorns of this well is in compliance with Oregon water supply well construction standards |
| 1 hr. | Misterials used and information reported above are true to the best of my knowledge |
| 1 17. | AND DELICI. |
| | WWC Number |
| Proceedings of material Process of the Control of t | SignedDate |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well |
| Salty Muddy Odor Colored Other | construction standards. This seport is true to the best of my knowledge and belief. |
| | |
| Depth of strata: | The second secon |
| Depth of strata: | Signed Waldy June WWC Number |

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UNIO 50684

APR 13 2000

#13 ~19

STATE OF OREGON
WATER SUPPLY WELL REPORT
(As required by ORS \$37.765)

WATER RESOURCES DEPT.

WELL I.D. # L. 49 694 START CARD # / 14/4/

| County Leitite Long Long Long Leitite Long | THE POLICE TO | completing this r | eport are ou | roe isse | PROAL | MI OHL | | | | | |
|---|--|--|---------------------------|---|---|----------|--|---------------------------|-----------------|-------------------|-----------|
| County Lettide Longinde L | (1) OWNER: | | 7 | Well Num | nber | | | | | | |
| Street State Zp ITTPE OF WORK | Name | • | | | | | County | Latitude | Lo | ngitude | |
| Description Description Abandoment National Properties Abandoment Aba | Address | | | | | | Township | N or S Range_ | | E or | W. WM. |
| TYPE OF WORK | City | | State | | Zip | | Section | 1/4 | | 1/4 | |
| DRILLMETHOD: Casery Mot Cable Auger Casery Mark Rotery Mot Cable Auger Casery Mot Cable Auger Casery Mot Cable Auger Casery Mot C | (2) TYPE OF V | VORK | | | | | Tax Lot1 | .ot Block | S | ubdivisioa_ | |
| DREAMY AND Ready Mind Cable August Ready Mind Cable Ready Mind Cable Ready Mind Cable Ready Mind Ready M | New Well | Deepening Alten | ation (repair/ | reconditi | on) TAbe | adonment | Street Address of Wel | ll (or nearest address) _ | | | |
| Dispersion Dis | | | | | | | | | - | | |
| The blow is don't find the state of the st | Rotary Air | Rotary Mod F | Cable | MAUE | of . | | (10) STATIC WATE | R LEVEL: | | | |
| OFFICE DUSE Community Industrial Infiguration Depth at which water was first found Depth at which water Depth at water Depth at was Depth at was Depth at water Depth | | | , | | | | ft. bel | ow land surface. | | Date | |
| Domestic Dispection Dispetition Dispetition Dispetition Dispetition Dispetition | | USE: | | | | | | | e inch. | Date | |
| Depth at which water was first found Depth at water was first found Depth at which water was first found Depth at which water was first found Depth at water was first found Depth at water was stable for intended sale Dept | | | Industrial | | rigation | | (11) WATER BEAR! | NG ZONES: | | | |
| Spotlar Hole Construction provated Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives used Yer No Depth of Completed Well no Explosives No Explosive | Same . | | - | - | C 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - | | | | | | |
| Proper To Retirnated Plow Rate SWL | The same of the sa | | | | | | Depth at which water was | first found | | | |
| Press | Special Constructi | on approval Yes | □No Dept | h of Con | pleted Wel | I ft. | | | | | |
| HOLE SEAL | | | | | | | | To | Estimates | How Rate | SWL |
| Cash Second Cash | | | | | | | | | | | |
| Cash Ground Bevalion Cash Cas | Diameter From | To Materia | al From | To | Sacks or 1 | posada | | | | | |
| Other Othe | | | | | | | | | | | |
| Other Othe | | | | | | | | | | | |
| Other Othe | | | | 4 | | | | | | | |
| Other Othe | | | | | E D | | (12) WELL LOG: | | | | |
| Backfull placed from ft. to ft. Material | How was seal place | red: Method | | B |]c 🗀 | D DE | The Parison of the Control of the Co | Elevation | | | |
| Casting/Liner: Diameter Freen To Gangs Steel Plantic Welsteel Threshold Casting | Other | | | | | | | | | | |
| Delizerate Presen To Ganga Steel Plantic Welfield Threshold Delizerate Presen To Ganga Steel Plantic Welfield Threshold Delizerate Presen To Ganga Steel Plantic Welfield Threshold Delizerate Presen To Ganga Steel Plantic Welfield Delizerate Plantic Plantic | Backfill placed fro | om ft. to_ | ft. | Materi | al | | | | | | SWL |
| Diametr From To Garge Steel Plack Wished Threshold | | Annual Contract of the last of | ft | Size of | gravel | | | | | | |
| Casing: Casi | (6) CASING/L | INER: | | | | | | | | | |
| Complete Construction and State | Diameter | From To C | lange Steel | Plastic | Welded | Threshol | winde Red + cl | of Rid SOFT | 8338 | 8341 | |
| | Curing: | | | 100000000000000000000000000000000000000 | - | | | | 8541 | 8347 | |
| Clog & datal gran ASSU \$362 ASSU ASS | | | | | | | | | | | |
| Single Section of shoe(s) | | | | | | | day gray SOF | T | | | |
| Canadar Blank Continued Construction shorts Construction standards. Construction stand | | | | | 1000 | | | | 2556 | 2362 | |
| Perforation Method | Liner: | | | | | | | | | The second second | |
| Perforations Method | | | | | | | conder Block + | clog grag SOF | 2368 | 2371 | |
| Perforations Method Material Telery Perforations Perforat | | | | | | | | | | | |
| Screens Type Material Tridyles She S | | | | | | | | | 2379 | 2383 | |
| State Number Diameter size Casing Laser | | | | | | | | | 2383 | 1392 | A.P |
| Sacht Blench and gram 1396 1412 100 10 | Screens | | | | | | | | | - | |
| | From Te | | Diameter | | | | | | _ | | |
| By WELL TESTS: Minimum testing time is 1 hour | | | | - | _ [| | | | | | |
| Basiler Ais Flowing Artesian Depth Artesian Flow Found Signed Date Dat | | | | | - 0 | | Baud Block Va | ge winder Red | 2418 | | |
| Basel Rich Still from the first form Stipped Signed Signed | - | | | | - 1 | | Alpe | 4 gran | - | 2417 | 25 GP |
| WELL TESTS: Minimum testing time is 1 hour Date started Completed Comp | | | | | - 1 | | 1 | 77 | 2417 | 2485 | |
| Date started Completed C | | | | | _ U | | | + and about | 2483 | 2497 | |
| Pump | (8) WELL TES | TS: Minimum to | estine time | 1. 1 1. | | | | SOFT | 2487 | 18.498 | |
| Pump | (0) | | and time | 19 1 000 | ar. | | The state of the s | Comp | leted | | |
| The prioring of this well is in compliance with Oregon water supply well 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. Signed | □ Promo | □ Baller | DAG | | | | | | | | |
| Materials used and information reported above are true to the best of my knowledge and belief. Materials used and information reported above are true to the best of my knowledge and belief. WWC Number | Annual Control of the | | The same of the same | | □ Art | | of this well is in complian | I performed on the cons | truction, alter | ration, or aba | adonment |
| Signed WWC Number | Tiese Cat.lines | Disagons | Dru ste | m at | | | Materials used and inform | | | | |
| Signed Date | - | | | | - | 1 hr. | and belief. | | and to the | and my En | w w leage |
| Comperature of water | | | | | - | | | | WWC Nu | mber | |
| Was a water analysis done? | Temperatura | 100 | D-rt t | - | | | ACCURATION AND ADDRESS OF THE PARTY OF THE P | | | | |
| 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 it in compliance with Oregon water supply well construction standards. This proof is pure to the best of my knowledge and belief. Signed Only for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time it in compliance with Oregon water supply well construction standards. This proof is pure to the best of my knowledge and belief. Signed Only for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time it in compliance with Oregon water supply well construction standards. This proof is pure to the best of my knowledge and belief. | | | Charles of | | Found | | | | | | |
| Salty Muddy Odor Colored Other performed during this time is in compliance with Oregon water supply well construction standards. This proof is true to the best of my knowledge and belief. Signed O OMB Straw | | | AND DESCRIPTION OF STREET | | | | I accept responsibility | for the construction at | | andonment v | work |
| Skilty Muddy Odor Colored Other construction standards. This proof is true to the best of my knowledge and belief. Signed Odor WWC Number WWC Number WWC Number Construction standards. This proof is true to the best of my knowledge and belief. | | | | | ☐ Too | little | performed during this tim | of it in compliance with | Les reported | above. All w | ork |
| Signed Walls forme WWC Number | A SHARE THE REAL PROPERTY. | dy Odor O | Colored | Other | | | | | | | |
| Signed Walls Howel | Depth of strata: | | | | | | 111 | 1// 1 | WWC N | mber | cenet. |
| RIGINAL & FIRST CODY WATER DESCRIBERS DEPARTMENT CROSSING | | | | | | | | NB Home | , acht | The second second | |
| AGOITAL & FIRST COFT-WATER RESOURCES DEPARTMENT SECOND COPY, CONSTRUCTOR THERE COME | ORIGINAL & F | IRST COPY-WAT | ER RESOL | JRCES | DEPART | MENT SE | | UCTOP THE | CORNE | _ Ditte | |

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UNIO 50684

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APR 13 2000

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STATE OF OREGON

WATER SUPPLY WELL REPORT (to required by ORS 537,765)

WATER RESOURCES DEPT.

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

| Instructions for completing this report are on the last paper. | (9) LOCATION OF WELL by legal description: |
|--|--|
| OWNER: Well Number | County Latitude Longitude |
| ACTOR CONTRACTOR CONTR | Township N or S Range E or W. WM. |
| ddress ity State Zip | Section 1/4 1/4 |
| ity State Zip 2) TYPE OF WORK | Tax Lot Lot Block Subdivision |
| New Well Deepening Alteration (repair/recondition) Abandonment | and the state of t |
| DRILL METHOD: | |
| | (10) STATIC WATER LEVEL: |
| Rotary Air Rotary Mud Cable Auger | ft. below land surface. Date |
| Other Control Vol. | Artesian pressure |
| i) PROPOSED USE: | (II) WATER BEARING ZONES: |
| Domestic Community Industrial Irrigation | |
| Thermal Injection Livestock Other | Depth at which water was first found |
| 5) BORE HOLE CONSTRUCTION: | |
| special Construction approval Yes No Depth of Completed Well | |
| Explosives used Yes No Type Amount | Pion |
| HOLE SEAL | |
| Diameter Prom To Material From To Sacks or pounds | |
| | |
| | |
| | |
| | (12) WELL LOG: |
| How was seal placed: Method A B C D E | Ground Elevation |
| Other | Material Prom To SWL |
| Backfill placed from ft. to ft. Material | 111111111111111111111111111111111111111 |
| Gravel placed from ft. to ft. Size of gravel | day TAN SOFT 84282451 |
| (6) CASING/LINER: | den gren + gray + Dry-HArd 24512454 |
| Diameter From To Gazze Steel Plantic Welded Threaded | |
| Cuing: | day TAN SOFT 24548457 |
| | State gren + Back Blook Vac. 845 78461 |
| | day ton Brown SpFT 2461 8464 |
| | Baself Block rec, shile gram 24443482 |
| iher: | Bost Blookrec, che gong 34782509 |
| | Baset Blook day ton the green \$509 95/1 |
| Final location of shoo(s) | cinder Rel + clay Brown Rel State 23/1 |
| 7) PERFORATIONS/SCREENS: | grun 25/6 |
| Perfonations Method | Basel Blak clay grey green 25/6 2575 |
| Screens Type Material | Bard Brown SOFT 2575 9377 |
| Slot Tele/pipe | 1: 1 0 1 14 and ar ar 770 x 70 |
| From To size Number Diameter size Casing Line | |
| | |
| | |
| | |
| | |
| | |
| (8) WELL TESTS: Minimum testing time is 1 hour | |
| (v) 11 DED 1 DO 10. (Manifold reside time is 1 foot | Company |
| Flowing Flowing | (unboaded) Water Well Constructor Certification: |
| Pump Bailer Air Arterian | I certify that the work I performed on the construction, alteration, or absolution of this well is in compliance with Oregon water supply well construction standards. |
| Yield galimin Drawdown Drill stem at Time | - Materials used and information reported above are true to the best of my knowledge |
| 1 hr. | _ and belief. |
| | _ WWC Number |
| | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Weil Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction alteration or abandonment and |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work |
| Salty Muddy Odor Colored Other | performed during this time is in compliance with Oregon water supply well construction standards. This apport is true to the best of my knowledge and belief. |
| | WWC Number |
| Depth of strata: | |
| Depth of strata: | Signed Walle Hours Duc |

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

Instructions for completing this report are on the last production (1) OWNER: Well Number Name Address Zip (2) TYPE OF WORK New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandocment (3) DRILL METHOD: Rotary Air Rotary Mud Cable Auger Other (4) PROPOSED USE: [Imigation Domestic Community Industrial Thermal Injection Livertock (5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well Explosives used Yes No Type SEAL HOLE Diameter From Material Sacks or pounds

ОС D DE How was soal placed: Method \Box B Other Backfill placed from fL to fL Material ft. Gravel placed from ft. to Size of gravel (6) CASING/LINER: To Gauge Steel Welded Thresded Casing:

Liner: Final location of shoc(s) (7) PERFORATIONS/SCREENS: Perforations Method Screens Material Type T. Diameter Casing Lher NIE Number .

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

| Pump | Bailer | Air | Flowing |
|--|--|-----------------------|------------|
| Yield gal'min | Drawdows | Drill stem at | Time |
| | | | 1 hr. |
| | | | |
| | | | |
| Temperature of w | ater | Depth Artesian Flow F | ound |
| Was a water analy | - | Yes By whom | |
| And the Part of th | The state of the s | ble for intended use? | The East |
| | kdy Oder | | Too little |
| Depth of strata: | | | |

| County | L | atitude | L | ngitude | |
|---|------------------|-----------------|---------|-------------|--------|
| Township | N | or S Range_ | | _ E or | W. WAL |
| Section | | 1/4_ | | 1/4 | |
| Tax Lot | Lot | Block | S | ubdivision | |
| Street Address o | Well (or nea | rest address) _ | | | - |
| 10) STATIC WA | TER LEV | EL: | - | | - |
| 1 | t below land | surface. | | Date | |
| Artesian pressur | • | Ib. per squar | e inch. | Date | |
| epth at which water | r was first for | and | | | |
| Depth at which water | r was first fox | | | d Flow Rate | sw |
| • ************************************* | r was first fox | | | d Flow Rate | sw |
| · · · · · · · · · · · · · · · · · · · | er was first fox | | | d Flow Rate | sw |
| • ************************************* | er was first fox | | | d Flow Rate | sw |
| 12) WELL LOG | | То | | d Flow Rate | SWI |

Atroll 92 00 73 2374 South Bern Basel Brown Shale green growing White of cinda Red clay Re 2397 SOFT 2403 2403 Breet Bro

Date started Completed (unbonded) Water Weil 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 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 ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR

THIRD COPY-CUSTOMER Received by OWRD

AUG 16 2024

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#16 0 19

STATE OF OREGON

WATER SUPPLY WELL REPORT (to required by ORS 537.365) WATER RESOURCES DEPT. SALEM_OREGON WELL I.D. # L. 40696 START CARD # 114141

| Instructions for completing this report are on the last page or daily | (9) LOCATION OF WELL by legal description: |
|--|--|
| (1) OWNER: Well Number | CountyLatitudeLongitude |
| Name | Township N or S Range E or W. WM. |
| Address | |
| City State Zip | Tax Lot Lot Block Subdivision |
| (2) TYPE OF WORK | A LL AND III (a conset address) |
| New Well Deepening Alteration (repair/recondition) Abandon | DECK DECK THE DECK TH |
| (3) DRILLMETHOD: | (10) STATIC WATER LEVEL: |
| Rotary Air Rotary Mud Cable Auger | ft. below land surface. Date |
| Other | Artesian pressure lb. per square inch. Date |
| (4) PROPOSED USE: | (11) WATER BEARING ZONES: |
| Domestic Community Industrial Irrigation | |
| Thermal Injection Livertock Other | Depth at which water was first found |
| (5) BORE HOLE CONSTRUCTION: | |
| Special Construction approval Yes No Depth of Completed Well | From To Estimated Flow Rate SWL |
| Explosives used Yes No Type Amount | |
| HOLD | |
| Diameter From To Material From To Sacks or peased | |
| | |
| | |
| | WAR WINE LOO |
| How was seal placed: Method A B C D | (12) WELL LOG: Ground Devation |
| | Old Deland |
| Other ft. to ft. Material | Material Prom To SWL |
| | the gray Brown Harl + 2690 |
| Gravel placed from ft. to ft. Size of gravel (6) CASING/LINER: | clay-gray SOFT 2705 |
| | Broth Block county in 2705 8711 |
| | 1 2 2 1 2 2 1 1 |
| | |
| | 1 Hale green + strong + 2rey 27/8 2780 |
| | |
| | |
| | |
| | Band gray gourts white 2730 2761 |
| Final location of shoc(s) | Bout any chydrosh gray 27612778 |
| (7) PERFORATIONS/SCREENS: | Breit Block 1 1 2772 2779 |
| Perforations Method | Bout & lock state gram int Rel 2779 2782 |
| Screens Type Material Tele/place | stale group Herd 2782 2784 |
| From To size Number Diameter size Casing | Lar Best Block + style gray \$7842791 |
| | Bout gray stile gray 2791 2799 |
| | 1 Shile Krown + Back Stock 2799 8801 |
| | 1 Cindy Block State from 2801 28/19 |
| | □ Bout Block + State grant grue 28/6 9886 |
| | Cinder Blook & red Sale & Bag |
| | - 1. 1. She Bronton 2889 8835 |
| (8) WELL TESTS: Minimum testing time is 1 bour | Date started Completed |
| Flowin | (umbonded) Water Well Constructor Certification: |
| Pump Bailer Air Artesia | a I certify that the work I performed on the construction, alteration, or abandonment |
| Yield gal'min Drawdown Drill stem at Tim | of this well is in compliance with Oragon water member well and emerican standard |
| | and belief. |
| | WWC Number |
| | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction alteration or abandonment work |
| Did any strata contain water not suitable for intended use? Too littl | performed on this well during the construction dates reported above. All work |
| Salty Muddy Odor Colored Other | performed during this time is in compliance with Ocean water supply well |
| The state of the s | construction mandards. This seport is true to the best of my knowledge and belief. |
| Depth of strata: | WWC Number / 397 |
| | Signed Wall, Jone Date |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTME | |
| | Received by OWRD |

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Exhibit G _ Page 16 of 19

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

(as required by ORS 537.765) WATER RESOURCES DEPT.

Instructions for completing this report are on the last page of the state OREGON

WELL I.D. # 1 40 69 6 START CARD # 1/4/4/

| (1) OWNER: . Well Number | (9) LOCATION OF WELL by legal description: CountyLatitudeLongitude |
|--|--|
| Name | Township N or S Range E or W. Wi |
| Address | Section 1/4 1/4 |
| City State Zip | Tax Lot Lot Block Subdivision |
| (2) TYPE OF WORK | |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or pearest address) |
| (3) DRILLMETHOD: | (10) STATIC WATER LEVEL: |
| Rotary Air Rotary Mud Cable Auger | ft. below land surface. Date |
| Other | Artesian pressure lb. per square inch Date |
| (4) PROPOSED USE: | (11) WATER BEARING ZONES: |
| Domestic Community Industrial Irrigation Thermal Injection Livertock Other (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Wellft. | From To Estimated Flow Rate ST |
| Explosives used Yes No Type Amount | From To Estimated Flow Rate S1 |
| HOLE SEAL | |
| Diameter From Te Material Frem Te Sacks or pounds | |
| | |
| | |
| | |
| | (12) WELL LOG: |
| How was seal placed: Method A B C D E | Ground Elevation |
| Other | |
| Backfill placed from ft. to ft. Material | Material From To SWI |
| Gravel placed from ft. to ft. Size of gravel | Bout Block unde grun 2835 8839 |
| (6) CASING/LINER: | Doubt Block 2839 2545 350 |
| Diameter From To Gauge Steel Plantic Welded Threaded | Brout gray state gran 28 45 2863 |
| | Baset Block + gearty 2863 2870 |
| Cuing: | Baset gray + thele green 2870 2872 |
| | Boset Block + ship year 287 A 2879 |
| | Breef gray whale gray 2879 2881 |
| Lizer: | Best Olork " " 8881 2914 |
| | |
| Final location of shoe(s) | Breeff greet V4, + 4hole gran 29822984 |
| (7) PERFORATIONS/SCREENS: | Beut Block Stoke gram 29842939 |
| Perforations Method | Breit gray & Stale gran + gray 2 939 2 943 |
| Screens Type Material | |
| Slot Telebybe | Desd Block . 1. 11 2943 3954 |
| From To size Number Diameter size Casing Liner | Baself gray + stale gray 29543958 |
| | Besutt Block 6 11 11 2958 2962 |
| | Breeff gray & thate gram 2962 2970 |
| | Exect Brown + Block stale Por 39702973 |
| | But of groy + Unk grum 9933976 |
| | Baset Block 39743882 |
| | Butt grug + Block gines 298318986 |
| (8) WELL TESTS: Minimum testing time is 1 bour | Date started Completed |
| Flowing | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Arceian | I certify that the work I performed on the construction alteration or about |
| Yield gaVirin Drawdown Drill stem at Time | Of this well is in Continuation with Company water surply well construction at - 1 |
| 1 hr. | Materials used and information reported above are true to the best of my knowled and belief. |
| | WWC Number |
| | Simul |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | |
| | I accept responsibility for the construction, alteration, or abandooment work performed on this well during the construction dates reported above. All work performed during the construction dates reported above. |
| Did any strata contain water not suitable for intended use? ☐ Too little Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other | positionand that milk will tillion in the control trace with Changes wenter assembly and |
| Depth of strata: | construction remoderar. Unit sepon is true to the best of my knowledge and belief |
| ropul or rund | |
| | I Simulation of the Company of the C |
| DRIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SE | Signed wall of the Date |

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STATE OF OREGON

WATER SUPPLY WELL REPORT
(a required by ORS \$37.765)
Instructions for completing this report are or

WATER RESOURCES DEPT.

WELL LD. # L 40696 START CARD # 21419

| Township Section Tax Lox Street Address of We Street Address of We Artesian pressure II) WATER BEAR opth at which water wa From Materi Materi And Glock of Read Gl | Bevalion Bevalion Jorg Jorg | From 2884 | E or W 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 | |
|--|--|---|--|----------|
| Section Tax Lox Street Address of We Street Address of We Artesian pressure (a) STATIC WATE Artesian pressure (b) WATER BEAR Appth at which water wa From Materi And Street Artes And Street Artes And Glock Control Read Glock Control Re | Italian Block Cor Dearest address) R LEVEL: Ow land surface. Ib. per square NG ZONES: First found To Devation Jorg Lor Rel Hall Parage Lor Rel Hall Proper Lor Rel H | From 3984 4997 3009 3083 | Date Date To 2991 | SW |
| Street Address of We Street Address of We O) STATIC WATE ft. bei Artesian pressure II) WATER BEAR opth at which water wa From Materi Cantol Glock of Ca | Block II (or nearest address) R LEVEL: ow land surface. Ib. per square NG ZONES: I first found To Bevasion To Prag Lor Red Male Prague Lor Red Male D Trong Lor Red Mal | From 3984 4997 3009 3003 | Date Date To 298 | sw |
| Street Address of We (0) STATIC WATE ft. be: Artesian pressure (1) WATER BEAR copth at which water wa From Materi Cantel Glock of Can | II (or nearest address) | From 3984 4997 3009 3003 | Date Date To 2991 | sw |
| 2) WELL LOG: Grouns Materia Materia Prom Materia Mat | R LEVEL: ow land surface. 1b. per square ING ZONES: I first found To To Prag Levation Levatio Levation Levation Levation Levation Levation Levation Le | From 3984 4997 3009 3003 | Date Date To 2991 | SW |
| The bell Artesian pressure Artesian pressure II) WATER BEAR Copth at which water was From Materia Copth of Place of the copth of | Bevalion Bevalion Jorg Jorg | From 3984 4987 1 3009 3003 | To 2986 | sw |
| Arterian pressure I) WATER BEAR COM at which water wa From A test of the t | Bevation Bevation Grag Gran Grag Gran Gran | From 3984 4987 1 3009 3003 | To 2986 | sw |
| Arterian pressure I) WATER BEAR COM at which water wa From A test of the t | Bevation Bevation Grag Gran Grag Gran Gran | From 3984 4987 1 3009 3003 | To 2986 | sw |
| 2) WELL LOG: Ground Seattle Glock of Statell Glock Ground Statel | Bevation To Bevation To Area Ar | From 3984 4988 4997 1 3009 3003 | To 2986 | SW |
| From From WELL LOG: Ground Materi Could Plock to Could Prop Sand Glock Could Rand Could | Bevalion | From 3984 4988 4997 3099 3083 | To 2988 | |
| Prom 2) WELL LOG: Ground Materi Could Place to South Prog Sh Rand Glock Co | grage State of the grant white county white | From 3984 4988 4997 3099 3083 | To 2988 | |
| 2) WELL LOG: Ground Materi Party Property South Ground Rand Glock G Rand Glock G Rand Glock G Rand Glock G | grage for Red showing the gramme of gramme white | From 3984 4988 2997 2997 3009 3083 | To 2988 | |
| 2) WELL LOG: Ground Materi Party Property South Ground Rand Glock G Rand Glock G Rand Glock G Rand Glock G | grage for Red showing the gramme of gramme white | From 3984 4988 2997 2997 3009 3083 | To 2988 | |
| Material Death + Could gruy Sant gruy Sant gruy Sant Glook G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| Material Death + Could gruy Sant gruy Sant gruy Sant Glook G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| Material Death + Could gruy Sant gruy Sant gruy Sant Glook G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| Material Death + Could gruy Sant gruy Sant gruy Sant Glook G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| Material Death + Could gruy Sant gruy Sant gruy Sant Glook G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| Material Death + Could gruy Sant gruy Sant gruy Sant Glook G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| Material Death + Could gruy Sant gruy Sant gruy Sant Glook G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| Macri Aleck + act of Block + act of Glock co South gray s Rand Glock G Band Glock G | greg - plate O roser ale gram conta white conder Red | From 3784 8988 9991 2997 3009 3083 | 2988 | SWL |
| set Block + and Block en sould grup s and grup s | freg - for Red she Pro- - fels O roser de gram conta white conta Red | 2986 2988 2991 2997 3009 3083 | 2988 | SWL |
| set Block + and Block en sould grup s and grup s | freg - for Red she Pro- - fels O roser de gram conta white conta Red | 2986 2988 2991 2997 3009 3083 | 2988 | SWL |
| act gry and Block a Sast gry s Based Block a Based Block | Ar Red Hall Practice of the Drawn white | 2971 2997 3009 3083 | 1991 | |
| act gry and Block a Sast gry s Based Block a Based Block | Ar Red Hall Practice of the Drawn white | 2971 2997 3009 3083 | 1991 | |
| South grup st. | state Drome de gram white | 2997 2997 3009 3083 | | |
| South grup sh Basel Glook G Basel Block | state Drome de gram white | 3009 3009 3083 | 3009 3083 3087 | |
| Basel Block G | de green conto white | 3009 | 3083 | |
| Rest Block G | cindor Red | 3083 | 3097 | |
| Block . | cinder Red | | 3077 | |
| | | 13027 | | |
| Wat | anti II alan | - | 3033 | |
| nut gray & | | -3035 | 3041 | |
| | t state green | 13041 | 3043 | |
| aut gray + | there gring gurs | 33047 | 3054 | |
| Este grup s | hele green | 3054 | 3078 | |
| Basil Block | going white | 3078 | 7081 | |
| | green + other | | wol | |
| andr's red | | 301 | 2000 | |
| | | *2000 | 3099 | |
| DALLE CLEDO | 48vert | 13074 | 01=7 | |
| n Hat I | White | 10 | 3106 | |
| sala yay t | the grant gas | 13106 | 3109 | |
| SAULI BLOCK & | class Blook | 3109 | 3/// | |
| hele green + + | combo Rel | 3111 | 3/16 | |
| asot Block | in del grum | 3/1/0 | 3104 | |
| to started | Comple | | Diati | _ |
| nbonded) Water Well | Constructor Certificati | | | |
| | | | | |
| MALE MELL IN IN COMPULE | CO WITH Chemen Water at | make wentt and | | A COLUMN |
| | nation reported above are | true to the b | est of my kry | wlode |
| o bener. | | | | |
| | | WWC Nun | nber | |
| ned | | | Date | |
| | contructor Certification | | | _ |
| onded) Water Well C | | | and and | |
| I accept responsibility | for the construction alter | | | |
| I accept responsibility | | THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN | | A 200 |
| I accept responsibility reformed on this well of reformed during this tin | aring the construction day | | supply well | |
| I accept responsibility reformed on this well of reformed during this tin | | est of my kn | owledge and | belief. |
| I accept responsibility reformed on this well of reformed during this tin | aring the construction day | est of my kn | owledge and mober 13° | belief. |
| × | sterials used and information of belief. ned | aterials used and information reported above are d belief. and Taccept responsibility for the construction, alter formed on this well designs the construction, alter | aterials used and information reported above are true to the bid belief. WWC Number of the Constructor Certification: I accept responsibility for the construction, alteration, or abortformed on this well during the construction dates reported a reformed during this time is in compliance with Ones to the Construction during the construction during the construction dates reported a reformed during this time is in compliance with Ones to the construction during the construction duri | med |

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WATER SUPPLY WELL REPORT (as required by ORS 537.765)

(as required by ORS 537.765)

WATER RESOURCES DEPT.

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

| County Latinules County | I) OWNER: | | ber | (9) LOCATION OF | WELL by legal descr | | almida | |
|--|--|--|---|--|--|-------------------------|---------------|--------------|
| Section 1/4 | | | | County | Lantude Down | | | ש שע |
| Tat Lot | | | | Township | N or 5 Kinge | | | н. ны |
| New Well Depoching Alternation (repuls/recoorditions) Abandonness | | State | Zip | Section | | C. | N 2 17 | |
| DEFILE METHOD: Converted | | | | Control of the Contro | The state of the s | THE REAL PROPERTY. | | - |
| Rotary Al | | nation (repair/recondition | momoobnadA (no | Street Address of W | (or nearest address) | | | and the same |
| Ober | | | | TAN 200 MAY C 101795 | 61 ever | - | | |
| OPENFORSED USE: Document Do | Rotary Air Rotary Mad [| Cable Auge | , | The same of the sa | | | | |
| Denote Community Injection Injecti | | | | The state of the s | | | | |
| Thermal Injection Livratock Other | 4) PROPOSED USE: | | | | | e inch. D | alc | - |
| Emploives used Ves No Type | Thermal Injection [(5) BORE HOLE CONSTRUC | Livertock 0 | ther | | | | | |
| HOLE SEAL Diameter Prem To Material Prem To Sacks or posside | | | | P | T. T. | Estimated | Daw Date | Cu |
| Diameter Prom To Meterial Prom To Sachs or posseds Company Co | | pe Am | sount | From | 10 | Cathana | PIOW PORE | 31 |
| Completed from | | | | | | | | - |
| Content | Diameter From To Mater | ial From To | Sacks or pounds | | | | _ | |
| Content | | | | | | | | |
| Complete | | | | | | | | |
| How was said placed: Method A B C D E | | | | | | | | |
| Other Othe | | | | (12) WELL LOG: | | | | |
| Backfill placed from | How was seal placed: Method | | C DD DE | The reason of the boundary of the adjust the second of the | d Elevation | | | |
| Backful placed from R. to R. Material Grevel placed from R. to R. Size of gravel (Co. CASING/LINER: Diameter Prem To Gaspe Size! Plantik Widded Threadel Chaing: | Other | | | Augustion of the second | | | | |
| Grevel placed from R. to Size of gravel (6) CASING/LINER: Diameter Prem To Garge Steel Plants Widned Threshold Casing: | Backfill placed from ft. to | ft. Materia | 11 | | | | | SWI |
| Date started Date | | ft. Size of | gravel | But grat. | while observe + gra | 3/24 | 3/27 | |
| Diameter Prom To Gavee Steel Plantic Widded Threaded | | | | Rout Olack | + shel green | 3197 | 3/34 | |
| Casing | Diameter Prem To | Gaure Steel Plastic | Welded Threaded | Reint grate | - the grum | | | |
| Ball Black 3137 3/38 | AND THE RESERVE AND ADDRESS OF THE PARTY OF | 1 | The Application of the Application of the | BOUTH BY | + Alle green | | | |
| Size Depth Artesian Flow Found Date sarred Depth of strats | Day. | And the second s | | | | | | - |
| Piral location of shoe(s) Perforation Method Sterens Type Material This/ple size Casing Liver Size Number Diameter size Casing Liver Size Number Diameter size Casing Liver Size | | | 1 1 | Les Lie | COIL | 201 | 200 | |
| Perforations Method Streems Type Material Sist Total page Size Sist Total page Size | | | | | | | | |
| Final location of shoe(s) 7) PERFORATIONS/SCREENS: Perforations | her | | | | | | | |
| Perforations Method | | | 10 | | | | | - |
| Perforations Method | Rinel forestion of shorts | | | | | | | |
| Perforations Method | The second secon | ve. | | | | | | - |
| Streens Type | As a first of the control of the con | | | | | | | |
| Shot Number Diameter Other Other Other | | | -7. | | | | | |
| By Well Tests: Minimum testing time is 1 hour | | | | | | | | |
| 8) WELL TESTS: Minimum testing time is 1 bour Pump | | Diameter , size | | | | | | La como |
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AUG 16 2024

Exhibit G Page 19 of 19

CERTIFICATE OF SERVICE

I hereby certify that on August 16, 2024, I caused the original and one copy of the foregoing Protest of Gregory L. Bingaman and Request for Contested Case Hearing to be served by HAND DELIVERY to the following address:

Director Ivan Gall Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301

DATED: August 16, 2024

Kirk B. Maag, OSB 105507

Merissa A. Moeller, OSB No. 153926 Hayley K. Siltanen, QSB No. 164825

Of Attorneys for Gregory L. Bingaman

Mailing List for PFO Copies

Application G-18894

PFO Date July 2, 2024

Original mailed via CERTIFIED MAIL to applicant:

GREGORY L. BINGAMAN 64088 MCDONALD LANE LA GRANDE OR 97850

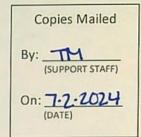
Sent via auto email:

- 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 |) | PROPOSED FINAL ORDER |
|--|---|----------------------|
| name of GREGORY L. BINGAMAN |) | 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.
- 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.
- 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

- 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).
- 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).

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

- 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

Application G-18894 Page 3 of 6 Proposed Final Order

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

CONCLUSION OF LAW

 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 Rotelife

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.

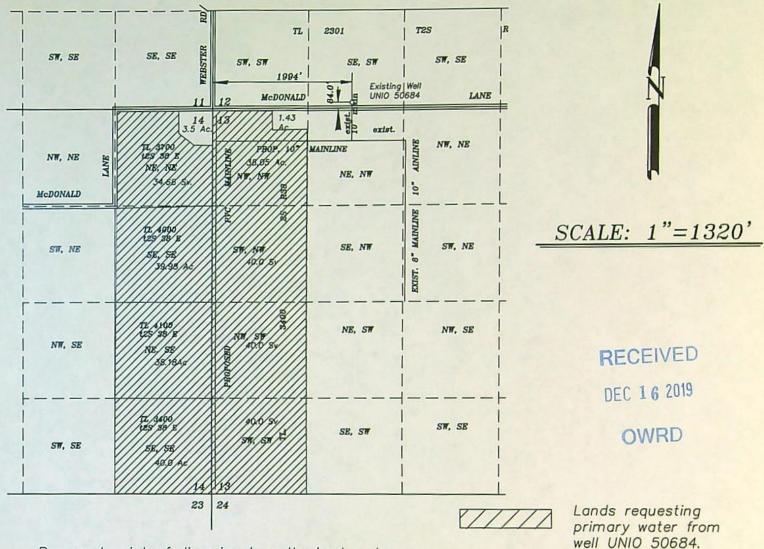
Notice To Active Duty Servicemembers: Active-duty service members have a right to stay proceedings under the federal Service Members Civil Relief Act. 50 U.S.C. App. §§501-597b. For more information contact the Oregon State Bar at 800-452-8260, the Oregon Military Department at 971-355-4127, or the nearest 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.

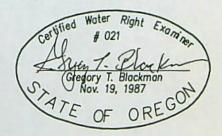
Address any correspondence to: Water R

Water Right Services Division

725 Summer St NE, Suite A Fax: 503-986-0901 Salem, OR 97301-1266



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.

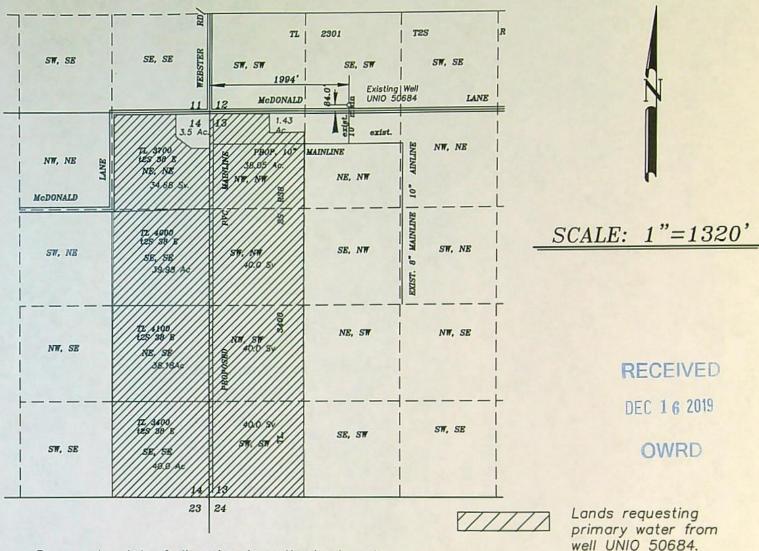


NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

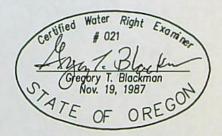
| NOVEMBER 21, 2019 APPLICATION MAP FOR |
|--|
| ALLEGATION WALL ON |
| IRRIGATION OF LANDS |
| FROM AN EXISTING |
| BASALT WELL |
| FOR |
| GREG BINGAMAN |

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

| APPLICATION | NO. | |
|-------------|-----|--|
| PERMIT NO. | | |



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 Section 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.



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. | | |

Mailing List for IR Copies

Application G-18894

IR Date: August 7, 2020

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
- 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

Copies Mailed

By: M

On: 87 7070

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 preapplication 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 <u>use</u> 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.



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:

- 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))
- 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.
- 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.

- <u>To Proceed</u> 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:

- 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.
- 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 | SWNW | 40.00 |
| 2 S | 38 E | WM | 13 | NWSW | 40.00 |
| 2 S | 38 E | WM | 13 | SWSW | 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 Is | nitial Review. |
|--|----------------------------------|
| Applicant notification to withdraw Water Right Ap | oplication G-18894. |
| After reviewing the Initial Review for my application stopped and fees be refunded (minus a \$260 examination without a valid permit I may not legally use the way | nation fee). I understand that |
| Signature | Date |
| Signature | Date |
| Under ORS 537.150 (5) and 537.620 (5), timely su that the water right application process be stopped examination fee) be returned. | |
| This notice must be received by the Water Reserved | ources 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 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. Boute through Well Construction and Compliance Section. |

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

| MEM | 0 | | | | | | اً ا | Febru | ary 1 | 1,20 20 | 2 | |
|---------|---|--|-------------------------------|---------------------------------|---------------------|-------------------------------|----------------------|------------------------------|------------------------------|------------------------------|------------------|--|
| TO: | | Applica | tion G- | 187 | 194 | | | | | | | |
| FROM | 1: | GW: | Pla | Mane) | rcy | | | | | | | |
| SUBJI | ECT: S | cenic W | aterway | y Interf | erence | Evaluat | tion | | | | | |
| X | YES | CD1 | | | ation is | within c | or above | a Sceni | c Water | rwav | | |
| | NO | The source of appropriation is within or above a Scenic Waterway | | | | | | | | | | |
| Ø | YES | YES Use the Scenic Waterway condition (Condition 7J) | | | | | | | | | | |
| | NO | Use the Scenic Waterway condition (Condition 7J) | | | | | | | | | | |
| | interfe | RS 390.3 rence w ated inter | ith surf | face wa | iter that | contri | is abl | e to cal | culate genic W | ground aterway | water . The | |
| Ø | the De | RS 390.8 rence wi epartme the property to n | th surfa nt is un posed | nce wate nable to use wil | o find to l meas | ontribut hat the urably | re is a reduce | scenic v prepone the s | waterwa derance urface | y; ther e of evi water | efore, dence | |
| Calcula | 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. | | | | | | | | | | | |
| Water | way by | is permi the follo water fl | wing a | mounts | o reduce express | e month ed as a p | ly flows proporti | in on of th | e consu | mptive | Scenic use by | |
| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| | | | | | | | | | | | | |

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

| TO: | | | Rights Se | | | 51.711 | | | Date | 02/1 | 4/2020 | | | |
|----------|--------------------------------|-----------------------|---------------------------|-------------------------------|-------------------------|--|----------------------------------|---------------|--|---------------------------|--|---------------|-------------------------|---------------|
| FROM | | Ground | dwater Se | ection | | Phillip | wer's Nar | | | | | | | _ |
| SUBJE | CT. | Applie | ation G- | 19904 | | A COLUMN TO A COLU | | | view of | | | | | |
| SOBJE | CI. | Applic | ation G- | 10094 | | Sup | CI SCUC. | 3 10 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 1 | Date of Rev | iew(s) | 7 |
| OAR 69 | 00-310-13 safety and | 0 (1) The | e Departn as descrit | bed in ORS 5 | 37.525. De | a proposed epartment: | d groun staff rev 40 alloy | view ws th | tter use will en groundwater he proposed u agency polic | applic se be r | ations un nodified | or condit | 690-310 ioned to 1 | -140 meet |
| A. GEN | NERAL | INFO | RMATIO | N: App | olicant's N | ame: | Gregory | L. | Bingaman | | C | ounty: _1 | Union | |
| A1. | Applican | it(s) seel | k(s) <u>5.18</u> | cfs from | _1 | well(s |) in the | | Grande Rond | le | | | | Basin, |
| | | | | | | subba | sin | | | | | | | |
| A2. | Proposed | l use | Irrig | ation (310.89 | acres) | _ Seaso | nality: | <u>M</u> | arch 1st - Octo | ober 15 | t (214 da | ys) | Maria L | |
| A3. | Well and | aquifer | data (atta | ch and num | ber logs fo | or existing | wells; | mai | rk proposed v | vells a | s such u | nder logi | d): | |
| Well | Logic | i | Applicant Well # | 's Propose | d Aquifer* | Propo Rate(| | | Location (T/R-S QQ-Q | 0) | | | ind bounds fr NW cor | |
| 1 | UNIO 50 | 0684 | 1 | В | asalt | 5.1 | | | 2S/38E-12 SE-S | | | | SW cor, S | |
| 3 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| | ım, CRB, E | Bedrock | | | | | | | | | | | | |
| | Well | First | | | Well | Seal | Casi | no | Liner | Perfe | orations | Well | Draw | |
| Well | Elev | Water | SWL ft bls | SWL Date | Depth | Interval | Interv | als | Intervals | Or S | Screens | Yield | Down | Test Type |
| 1 | ft msl | ft bls | -30.03 | 03/24/2008 | (ft) 3138 | (ft) 0-197; | (ft) 0-17 | | (ft) NA | | (ft) 2-1952; | (gpm) 1700 | (ft) 36' in 7 | Pump |
| | | | 25.02 | 00,2,120,0 | 3130 | 1772- 1872 | | | | 235: 241 258 269 | 2-2472; 7-2457; 7-2687; 7-2767; 7-3138 | | hours | rump |
| Use data | from appli | cation fo | r proposed | wells. | | | | | | | | | | |
| A4. | <u>Certifica</u> | es at der te 8950: | oths below 3. Permit C | 1872' below | land surfa Permit G- | 15160, for | ell is an | aut | wder River V horized POA orized rate of | on thre | ee existir | g water r | ights. | |
| A5. 🛛 | managen (Not all b | nent of g | les contain | er hydraulica such provisi | ons.) | ted to surf | ace wate | er [| les relative to | are no | t, activat | ed by this | s applicat | nd/or ion. |
| A6. 🗌 | Well(s) # Name of Commen | # adminis | strative are | | | - | | - | o(s) an aquifer | | | | | riction. |

Version: 05/07/2018

Date: 02/14/2020

Page

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

| Bas | sed 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 period of the proposed use. * This finding is limited to the groundwater portion of the determination as prescribed in OAR 690-310-130; | e over appropriated during an e over-appropriation |
| b. | will not or will likely be available in the amounts requested without injury to price is limited to the groundwater portion of the injury determination as prescribed in OAR | or water rights. * This finding 690-310-130; |
| c. | will not or will likely to be available within the capacity of the groundwater reso | urce; or |
| d. | will, if properly conditioned, avoid injury to existing groundwater rights or to the gr i. The permit should contain condition #(s) 7N; "Large Water Use Reportin 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; | oundwater resource: |
| | Condition to allow groundwater production from no deeper than | ft below land surface: |
| a. | | |
| b. | Condition to allow groundwater production from no shallower than | _tt. below land surface; |
| c. | Condition to allow groundwater production only from the groundwater reservoir between approximately ft. and land surface; | ft. below |
| d. | Well reconstruction is necessary to accomplish one or more of the above conditions, to occur with this use and without reconstructing are cited below. Without reconstruction issuance of the permit until evidence of well reconstruction is filed with the Departme Groundwater Section. Describe injury—as related to water availability—that is likely to occur without well reconstruction water rights, not within the capacity of the resource, etc.): | tion, I recommend withholdi nt and approved by the construction (interference w/ |
| | senior water rights, not within the capacity of the resource, etc): | |
| | | |
| | | |
| Col from cert und | bundwater availability remarks: The proposed POA well, UNIO 50684, produces from variated volcaniclastics of the Powder River Volcanics and likely the upper portions of the Gumbia River Basalt Group. Based on construction and similar head elevations, two nearby variates same source aquifer. UNIO 2046 lies about 3 miles NNE of the proposed POA, is autificate 90496, and belongs to the applicant. UNIO 173 is located 2.75 miles due north of the process of the proposed POA is autificate 51170 and permits G-15644 and G-16963, and is not owned by the applicant, most likely target of possible well to well interference. | rande Ronde Basalt of the wells appear to produce wat horized for irrigation use un e proposed POA, is authorized |

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.

| SW # | Well < 1/4 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? |
|---------|------------------|-------------|----------------------------------|--|---|--|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | SW Well < Qw > Water # 1/4 mile? 5 cfs? Right | SW Well < Qw > Water Water # 1/4 mile? 5 cfs? Right Right Q | SW Well < Qw > Water Water Water 1% 18 18 18 18 18 18 18 | SW Well < Qw > Water Water Water Water 1% Natural Flow SWR2 SWR2 | SW Well < Qw > Water Water Water 1% Natural of 80% Natural SWR? Flow Natural SWR? SWR? | SW Well < Qw > Water Water Water Water 1% Natural of 80% Of |

Page

4

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 # | initiations c | 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.

| Well | stributed SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-----------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| Wen | 5,,,,, | % | % | % | % | % | % | % | % | % | % | % | % |
| Well O | as CFS | N. | | | | | | | | | | | |
| | ence CFS | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | uted Wells | | | | | | | | | | | | - |
| Well | SW# | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| | as CFS | | | | | | | | | | | | |
| Interfere | ence CFS | | | | | | | | 200 | | 9633 | | |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| | as CFS | | | | | | | | | | | | |
| Interfere | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | 9 |
| | as CFS | | | | | | | | | | | | |
| Interfere | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | % |
| Well Q | as CFS | | | | | | | | | | | | |
| Interfere | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | 97 |
| Well Q | as CFS | | | | | | | | | | | | |
| Interfere | ence CFS | | | | | | | | | | | | |
| | | % | % | % | % | % | % | % | % | % | % | % | 9 |
| Well Q | as CFS | | | | | | | | | | | | |
| Interfer | ence CFS | | | | | | | | | | | | |
| (A) = To | tal Interf. | | | | | | | | | | | | |
| | % Nat. Q | | | | | | | | | | | | |
| | % Nat. Q | | | | | | | | | | | | |
| (D) = (| (A) > (C) | 1 | 7 | | - V | 1 | | | | | 7 | 7 | |
| | /B) x 100 | % | % | % | % | % | % | % | % | % | % | % | % |

5 Date: 02/14/2020 Page Application G-18894 (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. 690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water C4b. 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.

Date: 02/14/2020 Page 6

| - | | | 010 | COO 200 |
|--------|---------|---------|-----|---------|
| D. WEI | L CONST | RUCTION | OAR | 690-200 |

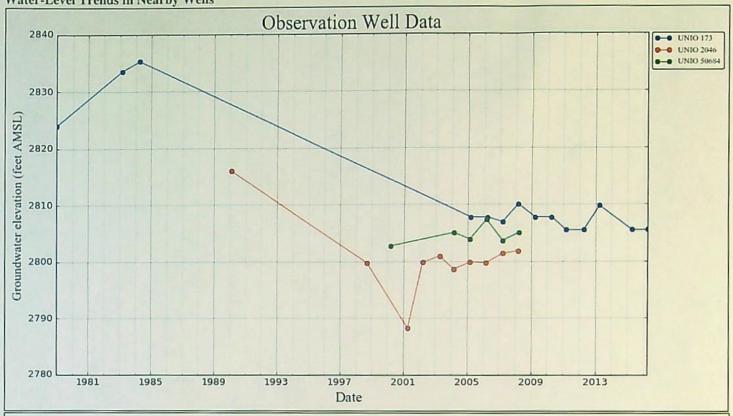
| D1. | Well #: | Logid: | |
|-----|---|---|--|
| D2. | a. review of the b. field inspectic. report of CW | ot appear to meet current well construction standards based upon: e well log; ion by | |
| D3. | THE WELL constru | action deficiency or other comment is described as follows: | |
| D4. | Route to the Well Co | onstruction and Compliance Section for a review of existing well construction. | |

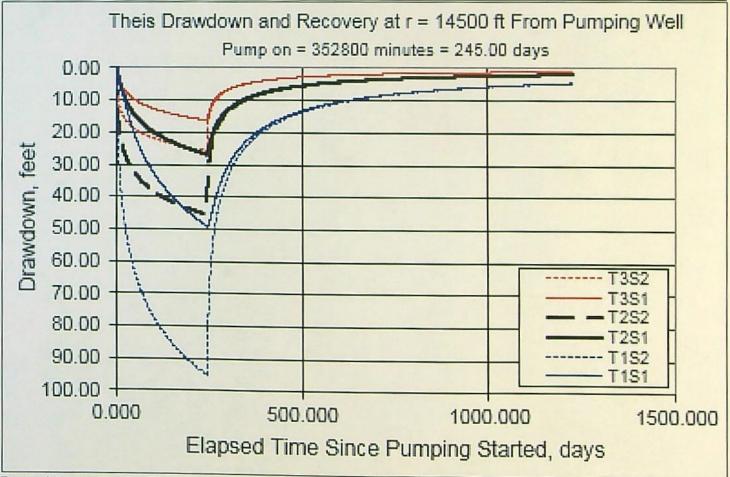
Water Availability Tables

| | | DETAILED REPORT | ON THE WATER AVAILA | BILITY CALCULATION | ON | |
|---------------------------|---------------------------|-----------------------------------|--|---------------------------------|--------------------------|------------------------------------|
| watershed I Time: 3:52 | D #: 30810407 | GRANDE R | ONDE R > SNAKE R - A Basin: GRANDE RO | | | dance Level: 80 ate: 02/11/2020 |
| Month | Natural Stream Flow | Consumptive Use and Storage | Expected Stream Flow | Reserved Stream Flow | Instream Requirements | Net Water Available |
| | | Storage is | Monthly values a | are in cfs. : 50% exceedance | in ac-ft. | |
| 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 |

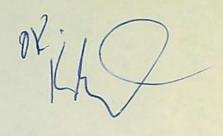
Application G-18894 Date: 02/14/2020 Page

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.

4110 50684

APR 1 3 2000

STATE OF OREGON

WATER RESOURCES DEPT. SALEM, OREGON WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
Instructions for convoleting this report are

WELLI.D. # L. 40696 START CARD # 114141

| Instructions for completing this report are on the last page of this for the | 1 | | | | - |
|---|--|------------------------------|---------------|---------------|--|
| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: | | | | |
| Name GRES BINGAMAN | County UNION | Latitude | | ngitude | |
| Address 64088 MC DONALD LANE | Township 2.5 | A S Range | 38 E | E or | WM. |
| City LAGRANGE State DR Zip 97850 | Section / 2 | SE 1/4 3 | | 1/4 | |
| | Tax Lot 2 30/ L | | | ubdivision | |
| (2) TYPE OF WORK | Street Address of Well | (or nearest address) 65 | | | LIANE |
| New Well Deepening Alteration (repair/recondition) Abandonment | Subor Address of Well | (Or Dealest and Cas) | 1000 /11 | LDDAI | BAAL |
| (3) DRILL METHOD: | (10) STATIC WATER | TOUCL. | | | |
| Rotary Air Rotary Mud Cable Auger | | | | 7-3 | 20-90 |
| Other AIR REVERSE | Floring fi belo | | | Date / | 30-98 |
| (4) PROPOSED USE: | Artesian pressure / | | inch. | Date 3-4 | - 2000 |
| □ Domestic □ Community □ Industrial ☑ Irrigation | (11) WATER BEARI | NG ZUNES: | | | |
| Thermal Injection Livestock Other | | 1-0 | | | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was | first found 120 | | | |
| Special Construction approval Yes No Depth of Completed Well 3/38ft. | | | | | |
| Explosives used Yes No Type Amount | From | To | Estimate | d Flow Rate | - |
| HOLE SEAL | 134 | 171 | 100 | | 22 |
| Diameter From To Material From To Sacks or pounds | 325 | 334 | | | |
| 23" 0 450 coment 0 197 2255K | 434 | 4.39 | | | |
| 19" 430 1872 Carnet 1772/872 130 5K | 542 | 544 | | | |
| | 768 | 774 | | * | |
| | (12) WELL LOG: | | | | |
| How was seal placed: Method A B C D E | | Elevation | | | |
| Other | Ground | | -14-1 | | u de la companya de l |
| Backfill placed from ft. to ft. Material 54 405 | Materia | | From | To | SWL |
| Gravel placed from 197 ft. to/779 ft. Size of gravel 38 | TOPSOIL | | 0 | 1 | OWE |
| (6) CASING/LINER: | Andle clay | TAN | 1 | 108 | 22 |
| Diameter From To Gauge Steel Plastic Welded Threaded | dry gran 5 | | 108 | 1/2 | 20 |
| 15:11 40 181074 | chiq gray So | | 110 | 127 | |
| | cloy grun of. | | 137 | 141 | |
| A CONTRACT OF THE STREET WAS A | chy gruy | | 141 | 1110 | |
| 14" 430 1873325 0 0 0 | - | J 1/2/2 | 1110 | 142 | |
| Liner: 10,7501772 24121:250 0 0 0 | | al contre 132/9 | 172 | 191 | |
| Liner: 10,750/772,24721:150 \(\) | | d done consent | 177 | 133 | |
| 25/8 12417 3138 150 0 0 0 | | of course by | 133 | 134 | 1.4 |
| Final location of shoe(s) (7) PERFORATIONS/SCREENS: | grand Vy-1' | Tarries . | 154 | 17/1 | Water |
| | elog grow | | 171 | 182 | |
| Perforations Method FACTORY | day Brown | | 182 | 188 | |
| Screens Type Material STEEL Slot Tele/pipe | | ne green + day | 188 | 202 | |
| From To size Number Diameter size Casing Liner | synditione B. | | 202 | 205 | |
| 1778/952 930 7900/0730 250 0 | cha grant + de | un 50FT sond | 205 | 209 | |
| 2324712 30 30 70 730 730 | chaptere q | roy | 209 | 2/4 | |
| 3417 3457 314 640 864 A50 D | day Brown + | And course | 214 | 219 | |
| 35812681 7161600 8 5/8 ,250 0 0 | clog TAN- | SOFT | 219 | 223 | |
| 2697 2767 3/16/120858 250 0 | Clory + sand - | green | 223 | 1237 | |
| | chang TAN-501 | er | 237 | 241 | |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started (- 29- | 1998 Comple | tod 3-6 | -2000 | 0 |
| Planting | (unbonded) Water Well | | | 4-01 | |
| □Pump □Bailer ☑Air PUNP ☑Artesian | | performed on the constru | | ration or she | undonment |
| Yield gal/min Drawdown Drill stem at Time | of this well is in complian | ce with Oregon water sur | poly well co | nstruction st | tandards |
| 1700 36 10.250-180 7 WINTER | Materials used and inform and belief. | ation reported above are | true to the b | est of my ka | nowledge |
| | ACC CALLED AND ACC | | WWC N | mhae | |
| SPAJ50 ARTESIAN | Signed | | WWC Nu | Thirties - | |
| Temperature of water 101, 1 Depth Artesian Flow Found 19/6 | | naturator Continue | | Date | |
| Was a water analysis done? //O - Yes By whom | (bonded) Water Weil Co | | | | 120 |
| Did any strata contain water not suitable for intended use? NO Too little | performed on this well du | for the construction, alter- | ation, or ab | andonment v | work |
| Salty Muddy Odor Colored Other | performed during this tim | is in compliance with O | regon water | supply wel | 1 |
| Depth of strata: AFTESIAN 12 Pounds | construction standards. T | is report is true to the be | st of my kn | owledge and | d belief. |
| ALLESTAN 17 FOUNDS | | 4 | WWC Nu | mber 13 | 99 |
| ONGINAL A FINANCIA GONA WARREST | Signed Walte | down | | _Date_3- | 20.200 |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SE | COND COPY-CONSTR | UCTOR THIRD CO | OPY-CUS | TOMER | |

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APR 13 2000

.50684 STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765) WATER RESOURCES DEPT.
st page of this formSALEM, OREGON

WELLI.D. # L. 40696 START CARD # 114141

| AND COMPANY OF COMPANY AND THE PARTY OF THE | (9) LOCATION OF WELL by legal description: |
|---|---|
| (1) OWNER: Well Number | County Latitude Longitude |
| Name Address | Township N or S Range E or W. WM. |
| City State Zip | Section 1/4 1/4 |
| (2) TYPE OF WORK | Tax Lot Block Subdivision |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) |
| (3) DRILLMETHOD: | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: |
| Other | ft. below land surface. Date |
| (4) PROPOSED USE: | Artesian pressure Ib. per square inch. Date |
| Domestic Community Industrial Irrigation | (11) WATER BEARING ZONES: |
| Thermal Injection Livestock Other | Data and the management for a found |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Well f | From To Estimated Flow Rate SWL |
| Explosives used Yes No Type Amount HOLE SEAL | 797 800 |
| Diameter From 2472 Material From To Sacks or posseds | 862 867 |
| 1274 1872 24172 | 1001 1003 |
| 978 2472 3138 | 1056 1058 |
| 110 110 100 | 1062 1067 |
| | (12) WELL LOG: |
| How was seal placed: Method A B C D E | Ground Elevation |
| Other | |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | chy green + gray dry 241 254 |
| (6) CASING/LINER: | Jon gray SOFT 254 263 |
| Diameter From To Gauge Steel Plastic Welded Threaded | |
| Casing: | |
| | day green + gray - HARA 325 334 Water |
| | grovel of and of chap group 406 410 |
| Liner: | clay gray 410 436 |
| Luci. | grand land & hand course 436 439 water |
| Final location of shoe(s) NO | dag gram 50FT 439 463 |
| (7) PERFORATIONS/SCREENS: | claystone + day green HAND 463 481 |
| Perforations Method | My gray SOFT 481 487 |
| Screens Type 33B Material STEEL | day + send green SOFT 487 598 |
| Slot Tele/pipe | CA D. SOLT TACKETO |
| 98/73138 Sile Number Binneter 830 Casing Line | Lond green FINE 542 544 water |
| | chay grougeum SOFT X44 576 |
| | cluby green Landy SOFT 576 615 |
| | Roak 615 616 |
| | clay gray & gram SOFT 616 712 |
| (9) WELL TESTS. Mislament and the state of | Cay 120m + sudy 50FT 7/2 725 |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started Completed |
| Pump Bailer Air Artesian | (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. |
| Yield gal/min Drawdown Drill stem at Time | Materials used and information reported above are true to the best of my knowledge and belief. |
| 1 nr. | |
| | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work |
| Salty Muddy Odor Colored Other | 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. |
| Depth of strata: | WWC Number / 3 99 |
| | Signed Walls Jame Date |

#3 419

UNIO .50684

AFR 1 3 2000

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

WATER RESOURCES DEPT WELL I.D. # L. 40696
SALEM, OREGON START CARD # 1/4/4/ Instructions for completing this report are on the last page of this form.

| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: | | | |
|---|--|---|--|--|
| Name | CountyLatitudeLongitude | _ | | |
| Address | Township N or S Range E or W. WM | | | |
| City State Zip | Section 1/4 1/4 | | | |
| (2) TYPE OF WORK | Tax Lot Block Subdivision | | | |
| New Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD; | Street Address of Well (or nearest address) | | | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: | _ | | |
| Other | ft. below land surface. Date | | | |
| (4) PROPOSED USE: | Artesian pressure Ib. per square inch. Date | | | |
| Domestic Community Industrial Irrigation | (11) WATER BEARING ZONES: | _ | | |
| Thermal Injection Livestock Other | | | | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found | | | |
| Special Construction approval Yes No Depth of Completed Well ft. | Toolar at Allert American Transfer | _ | | |
| Explosives used Yes No Type Amount | From To Estimated Flow Rate SW | л | | |
| HOLE SEAL | 109/ 1093 | _ | | |
| Diameter From To Material From To Sacks or pounds | 1222 1226 | | | |
| Diameter From 10 Material From 10 Sacra of pounds | 1477 1479 | | | |
| | 1540 1542 | - | | |
| | | - | | |
| | 1620 1623 | | | |
| T | (12) WELL LOG: | | | |
| How was scal placed: Method A B C D B | Ground Elevation | - | | |
| Other | | | | |
| Backfill placed fromft. toft. Material | Material From To SWL | | | |
| Gravel placed from ft. to ft. Size of gravel | chy Brown in Red SOFT 725 729 | | | |
| (6) CASING/LINER: | day TAN SOFT + Dry 729 731 | | | |
| Diameter From To Gauge Steel Plastic Welded Threaded | clay ton + grand 18-1" 731 732 | | | |
| Casing: | day grun SOFT 732 739 | | | |
| | grand o day gren 739 740 | | | |
| | clay Brown SOFT 740 768 | | | |
| | send + georet day gran 768 774 water | Z | | |
| Liner: | class geam SOFT 774 797 | | | |
| | grand 18-1" 797 800 water | 2 | | |
| Final location of shoe(s) | day Brown SOFT 800 827 | | | |
| (7) PERFORATIONS/SCREENS: | chatan SOFT 827832 | | | |
| Perforations Method | clay grag + green SOFT 839 849 | | | |
| Screens Type Material | day green Hart + Deg 849 869 | | | |
| From To size Number Diameter size Casing Liner | sand course & grand 18-1" 862 867 water | - | | |
| From 10 size Number Diameter size Casing Liner | day green + groy SOFT 8107 898 | - | | |
| | clay ton + Shale Hord 898 900 | - | | |
| | Character late a late a late | - | | |
| | day gray & simpleme 900 9/8 | | | |
| | Clay true & as well no 1922 25 | | | |
| | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started Completed | _ | | |
| | Comprise | _ | | |
| Pump Bailer Air Artesian | (unbonded) Water Weil Constructor Certification: | | | |
| Walder U. J. D. | I certify that the work I performed on the construction, alteration, or abandonmer 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 | | | |
| 1 hr. | and belief. | | | |
| | WWC Number | | | |
| Temperature of water Depth Artesian Flow Found | SignedDate | | | |
| | (bonded) Water Well Constructor Certification: | | | |
| Did any attack and the second | I accept responsibility for the construction, alteration, or abandonment work | | | |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work | | | |
| Salty Muddy Odor Colored Other | construction standards. The report is true to the best of my knowledge and belief. | | | |
| Depth of strata: | WWC Number | | | |
| | Signed / all down Date | - | | |
| ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER | | | | |

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

APR 1 3 2000

WELL I.D. # L. 40 69 60 START CARD # 114141

| (1) OWNER: Well Number | TO LOCATION OF WELL by legal description: |
|--|---|
| Name | County Latitude Longitude |
| Address | Township N or S Range E or W. WM |
| City State Zip | Section 1/4 1/4 |
| (2) TYPE OF WORK | Tax Lot Block Subdivision |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) |
| 3) DRILLMETHOD: | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: |
| Other | ft. below land surface. Date |
| (4) PROPOSED USE: | Artesian pressure lb. per square inch. Date |
| Domestic Community Industrial Irrigation | (11) WATER BEARING ZONES: |
| Thermal Injection Livestock Other | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Wellft. | |
| Explosives used Yes No Type Amount | From To Estimated Flow Rate S' |
| HOLE SEAL | 1915 1918 Flowing 350 gpm - |
| Diameter From To Material From To Sacks or pounds | 2412 2417 25 gpm |
| Diamet From 10 Marini From 10 October 10 | 2724 2730 |
| | 72 839 2845 350 gpm |
| | 3110 |
| | (12) WELL LOG: |
| How was seal placed: Method A B C D E | Ground Elevation |
| | Citativi Z |
| Backfill placed from ft. to ft. Material | Material From To SW |
| Gravel placed from ft. to ft. Size of gravel | clay green SOFT 971 973 |
| (6) CASING/LINER: | grand + sand + dag - green 933 974 |
| Diameter From To Gauge Steel Plastic Welded Threaded | clay grun 974 983 |
| | Soul & clay green 983 985 |
| Casing: | dog green 50FT 983 1001 |
| | sand warse 1001 1003 Wit |
| | day gran SOFT 1003 1006 |
| | And course 1006 1008 |
| | day green 1008 1029 |
| | day green + grand 3/2-10 1022 1024 |
| Final location of shoe(s) (7) PERFORATIONS/SCREENS: | clop grun Soit 1024 1032 |
| | sout course 1032 1034 |
| Perforations Method | deg green 50FT 10341048 |
| Slot Tele/pipe | clod + Land Fine + green 1048/056 |
| From To size Number Diameter size Casing Liner | about 18 - 3/1 105 1058 12 |
| | |
| | clay green 50FT+WOOD 1038 1069 |
| | 1067 1061 Wh |
| | 106/10/9 |
| | Sond course 1079 1081 |
| (a) THE PROPERTY OF THE PROPER | vog grag- gran 10811091 |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started Completed |
| Flowing | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Artesian | I certify that the work I performed on the construction, alteration, or abandom of this well is in compliance with Oregon water supply well construction standard |
| Yleld gal/min Drawdown Drill stem at Time | Materials used and information reported above are true to the best of my knowled |
| 1 hr. | and belief. |
| | WWC Number |
| | SignedDate |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well |
| Salty Muddy Odor Colored Other | construction standards. This report is true to the best of my knowledge and believe |
| Depth of strata: | WWC Number |
| A STATE OF THE STA | |

UNIO 50684

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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 pWATER RESOURCES DEPT.

APR 13 2000

WELL I.D. # L 40 (49 (6) START CARD # 1/4/4/

| SALEM, O | EGON |
|---|---|
| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: |
| Name | CountyLatitudeLongitude |
| Address | Township N or S Range E or W. WM. |
| City State Zip | Section 1/4 1/4 |
| (2) TYPE OF WORK | Tax Lot Block Subdivision |
| New Well Deepening Alteration (repair/recondition) Abandonment | Street Address of Well (or nearest address) |
| (3) DRILL METHOD: | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: |
| Other | ft. below land surface. Date |
| (4) PROPOSED USE: | Artesian pressure lb. per square inch. Date |
| | (11) WATER BEARING ZONES: |
| Domestic Community Industrial Irrigation | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Well ft. | |
| | From To Estimated Flow Rate SWL |
| Explosives used Yes No Type Amount HOLE | Troit to the same of the same |
| | |
| Diameter From To Material From To Sacks or pounds | |
| | |
| | |
| | |
| | (12) WELL LOG: |
| How was seal placed: Method A B C D E | Ground Elevation |
| Other | |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | sand course 1091 1093 water |
| (6) CASING/LINER: | clay green 140rd 1693 1/18 |
| Diameter From To Gauge Steel Plastic Welded Threaded | dog Brown Hord 1/18/1126 |
| Casing: | sind course green 1/261/31 |
| | class grun 1/3/1/46 |
| | dos gray 18000 1146/149 |
| | deg Brown + degetile land 18491152 |
| Liner: | clos eight grun Hard 1152 1198 |
| | day ton SOFTA sond course Londer 1/198/1222 |
| Final location of shoe(s) | And course green 1222 1296 Water |
| (7) PERFORATIONS/SCREENS: | clas aray SOFT 1286 1229 |
| Perforations Method | day tim SOFT 1829 1245 |
| Screens Type Material | the stone green 1245125U |
| Slot Tele/pipe | le green + green + doubtine 1 A TUI 19 TC |
| From To size Number Diameter size Casing Liner | clog Brymi's 2nd SOFT +Hara 1258 1261 |
| | de gram SOFT 19/1/273 |
| | 12 00 FT (10 32/10 00) |
| | 200 100 100 100 |
| | sand course from 1292/273 |
| | dog green 1993/995 |
| | day Block Hors 1243 1298 |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date startedCompleted |
| Flowing | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Artesian | I certify that the work I performed on the construction, alteration, or abandonment |
| Yield gal/min Drawdown Drill stem at Time | 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 |
| 1 hr. | and belief. |
| | WWC Number |
| | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work |
| Salty Muddy Odor Colored Other | 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. |
| Depth of strata: | WWC Number |
| | Signed (Vall) and WWC Number |

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

APR 1 3 2000

WELLI.D. # L. 40696 START CARD # 114141

| | | | VATER RESOUR | (9) LOCATION OF | WELL by legal desc | ription: | |
|----------------------|--|---|-----------------|----------------------------|--|--|---------|
| (1) OWNER: | | Well Mull | | | | Longitude | |
| Name | | | | Township | N or S Range | E or W. | WML |
| Address | | | 7:- | Section | 1/4_ | 1/4 | |
| City | - | State | Zip | Ter Lot I | of Block | Subdivision | |
| (2) TYPE OF W | ORK | | \ | | A STATE OF THE PARTY OF THE PAR | | |
| | | tion (repair/recondition | on) Abandonment | Subor Address of He | I (or nearest address) | | |
| (3) DRILL MET | | | | (10) STATIC WATE | DIEVEL. | | _ |
| Rotary Air | Rotary Mud | Cable Auge | r | | | Dete | |
| Other | | | | | ow land surface. | Date | |
| (4) PROPOSED | | | | (11) WATER BEAR | Ib. per squa | re inch. Date | _ |
| Domestic [| Community [| THE RESERVE AND ADDRESS OF THE PARTY OF THE | rigation | (II) WAIER BEAR | ING ZOINES: | | |
| | Text of the latest and the latest an | | ther | | | | |
| | E CONSTRUCT | | | Depth at which water was | s lirst found | | _ |
| Special Construction | on approval Yes | No Depth of Com | pleted Wellft. | | | Pater I Designation | CMA |
| Explosives used | Yes No Typ | e An | nount | From | То | Estimated Flow Rate | SWI |
| HOLE | | SEAL | | | | | - |
| Diameter From | To Materia | From To | Sacks or pounds | | | | - |
| | | | | | | | - |
| | | | | | | | |
| | | | | | | | |
| | | | | (12) WELL LOG: | | | |
| How was seal place | ed: Method | | C D DE | Ground | d Elevation | | |
| Other | | | | | | | |
| Backfill placed from | m ft. to | ft. Materia | N | Materi | | From To | SWL |
| Gravel placed from | | ft. Size of | gravel | dog gray | SOFT | 1298 1323 | _ |
| (6) CASING/LI | NER: | | | sond coarse | | 13231385 | _ |
| Diameter | From To G | auge Steel Plastic | Welded Threaded | day green & | cogarne | 13251343 | |
| Casing: | | | | | today gram | 13431345 | |
| | | | | dag grun | Hard | 1345/375 | |
| | | | | said word | | 1325/378 | |
| | | | | clog grunt | dazetome | 137811395 | |
| Liner: | | | | clay gray 50 | DET | 13991393 | |
| | | | | clay Brown | SAFT | 13931403 | |
| Final location of sh | | | | clay green. | sound of clay Re | 21403 1405 | |
| (7) PERFORAT | TONS/SCREEN | S: | | clay green | | 1405 1416 | |
| Perforations | Method | | | clay green of | - Soud correct | 14161421 | |
| Screens | Type | Mat | terial | and course of | | 142/1423 | |
| From , To | , size , Number | Diameter size | Casing Liner | clay gran s | OFT | 1423 1439 | |
| | | | _ 0 0 | clay smally | +SOFT | 14391441 | |
| | | | | And course | + clap green | 1441 1444 | |
| | | | | chy grun | + Brown JOF | 114441447 | |
| - | | - | | clay gray + | green Vory SO | PT 1447 1451 | |
| | | | | clog sandly | Red SOFT | 1451 1453 | |
| | | | | clos groy of | run SOFT | 14531455 | |
| (8) WELL TES | TS: Minimum te | esting time is 1 hou | ır | Date started | Com | pleted | |
| | | | Flowing | (unbonded) Water Well | | | |
| Pump | Bailer | Air | Artesian | I certify that the work | I performed on the con | struction, alteration, or aban | donme |
| Yield gal/min | Drawdowa | Drill stem at | Time | of this well is in complia | nce with Oregon water | supply well construction sta are true to the best of my kno | ndards. |
| | | | 1 hr. | and belief. | manufactured above a | ac and to the oest of my kin | wiedge |
| | | | | | | WWC Number | |
| 1 | | | | Signed | | Date | |
| Temperature of wa | der | Depth Artesian Flow | Found | (bonded) Water Well C | onstructor Certification | | |
| Was a water analys | The second secon | es By whom | | 1 | | teration, or abandonment w | ork |
| | | le for intended use? | ☐ Too little | performed on this well d | turing the construction d | lates reported above. All wo | ork |
| | | Colored Other | | performed during this tir | ne is in compliance with | h Oregon water supply well best of my knowledge and | |
| Depth of strata: | | | | - June would station us. | 11 | Contract to the state of the st | ochet. |
| | | | | Signed 6 Jack | 1/4 1 | WWC Number | |
| | | | | | | | |

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5.0684 STATE OF OREGON

WATER SUPPLY WELL REPORT

APR 1 3 2000

WELLI.D. # L 40696 START CARD # / 1 4 1 4 1

| (1) OWNER: | | port are on the last pr | er | (9) LOCATION OF | WELL by legal des | cription: | |
|--|--|--------------------------|-----------------|---------------------------------|---------------------------|--|------------|
| Name | • | Well Hulla | - | | | Longitude | |
| Address | | | | Township | N or S Range | E or W. | WM. |
| City | | State | Zip | Section | 1/4 | 1/4 | |
| 2) TYPE OF W | ORK | | | Tax LotI | otBlock_ | Subdivision | |
| | | tion (repair/recondition |) Abandonment | Street Address of Wel | l (or nearest address) | | |
| 3) DRILL MET | | | | | | | |
| | Rotary Mud | Cable Auger | | (10) STATIC WATE | R LEVEL: | | |
| Other | | , | | ft. bel | ow land surface. | Date | |
| (4) PROPOSED | USE: | | | Artesian pressure | lb. per squ | are inch. Date | |
| | Community [| Industrial Irri | gation | (11) WATER BEARI | NG ZONES: | | |
| THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. | The state of the s | Livestock Oth | er | | | | |
| (5) BORE HOL | | TION: | | Depth at which water was | first found | | |
| | | No Depth of Comp | leted Wellft. | | | | _ |
| | | e Amo | | From | То | Estimated Flow Rate | SWI |
| HOLE | | SEAL | | | | | - |
| Diameter From | To Materia | I From To | Sacks or pounds | | | | - |
| | | | | | | | - |
| | | | | | | | - |
| | | | | | | | |
| | | | | (12) WELL LOG: | | | |
| How was seal place | ed: Method | □A □B □ | C D DE | | Elevation | | |
| Other | | | | | | | |
| Backfill placed from | | ft. Material | | Materi | 1 | From To | SWL |
| Gravel placed from | ft. to | ft. Size of g | ravel | cley green | SOFT | 1455 1461 | |
| (6) CASING/LI | NER: | | | | | 14611463 | |
| Diameter | From To G | auge Steel Plastic | Welded Threaded | cloy grung | grow SOF | T14631476 | |
| Casing: | | | | clas gray q | ries of bond cos | ew4761477 | |
| | | | | Sand course of | grand 3/8 | 1477 14790 | Nate |
| | | | | clay green | | 14791496 | |
| | | | | day green | soft a claysto | nu 1496 | |
| Liner: | | | | Park & sa | | 1498 | |
| | | | n n | class gray | SOFT | 14981316 | |
| Final location of sh | oe(s) | | 0 0 | dua grem 50 | To soul cours | | |
| (7) PERFORAT | | S: | | clay grun | | 1518 1540 | |
| Perforations | Section of the Sectio | | | 77 | u | 134015491 | ., + |
| Screens | Type | Mate | rial | clay great | | | Valu |
| The second second | Type | Tele/pipe | | de ten | SOFT | | |
| From To | size Number | Diameter size | Casing Liner | class champs at | TIAL | 15471563 | |
| | | | - | any premoor | Tt sand con | 14343/367 | |
| | | | | Cay green S | 11/201 - | 1367 /379 | |
| | | | | day green o | hall grow Do | 3791389 | |
| - | | | | clay green So | 17. And cour | 12/382/34/ | |
| | | | | Sand course | green | 15411394 | - manual V |
| (0) 11/11/1 | | | | clay green | SOFT | 13991609 | |
| (8) WELL TEST | IS: Minimum to | esting time is 1 hour | | Date started | Con | pleted | |
| | | 1000 | Flowing | (unbonded) Water Weil | Constructor Certifica | ation: | |
| Pump | Bailer | Air | Artesian | | | astruction, alteration, or aban | |
| Yield gal/min | Drawdown | Drill stem at | Time | of this well is in complia | nce with Oregon water | supply well construction star | ndards. |
| | | | 1 hr. | and belief. | | and to the oest of my tre | wicuge |
| | | | | | | WWC Number | |
| | | | | Signed | | Date | |
| Temperature of wa | ter | Depth Artesian Flow Fo | ound | (bonded) Water Well C | onstructor Certification | | _ |
| Was a water analys | sis done? | es By whom | | I accept responsibility | for the construction, a | Iteration or shandonment w | ork |
| Did any strata cont | The second secon | le for intended use? | Too little | performed on this well d | uring the construction of | lates reported above. All wo | rk |
| | | Colored Other | | performed during this tin | ne is in compliance wit | h Oregon water supply well best of my knowledge and | |
| Depth of strata: | | | | CONDUCTION NAMED AND ASSESSMENT | 1/1 due to the | Manager Committee Committe | belief. |
| The second secon | | | | Signed (a) al | 16 1 | WWC Number | |
| | | | | | | Date | |

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STATE OF OREGON

WELLID. # L 40496 START CARD # 11414

| WATER SU | PPLY WELL R y ORS 537.765) or completing this r | EPORT | WAT | ER RES | OURC | WELL I.D. # L. 40 69 6 START CARD # 1/4/4/ | |
|--|--|-----------------|------------|--|----------|--|----------|
| (1) OWNER: | | V | Vell Numb | er | | (9) LOCATION OF WELL by legal description: | |
| Name | | | | | | CountyLatitudeLongitude TownshipN or S Range E or N | www. |
| Address | | | | œ: | | | v. w.w. |
| City | | State | | Zip | | Section | |
| (2) TYPE OF V | | | | | | | |
| (3) DRILL ME | Deepening Alternation Alternation | ation (repair/r | econdition | n) Aban | donment | | |
| Rotary Air | Rotary Mud | Cable | Auger | | | (10) STATIC WATER LEVEL: | 200 |
| Other | | | | | | ft. below land surface. Date | |
| (4) PROPOSEI | USE: | | | | | Artesian pressure lb. per square inch. Date | |
| Domestic | Community [| Industrial | [] Imi | gation | | (11) WATER BEARING ZONES: | |
| | | Livestock | Tou | | | | |
| And the last of th | LE CONSTRUCT | | | | | Depth at which water was first found | |
| The second secon | on approval Yes | | of Comp | leted Well | ft | 1250 Annual State Control of the Con | |
| | Yes No Typ | | | | | From To Estimated Flow Rate | SWL |
| Diameter From | To Materia | | То | Sacks or po | made | | |
| Diameter From | 10 Marelin | rom | 1 | oncar or pe | | 1 | 1 |
| | | | - | | | · · | - |
| | | | | - | _ | | |
| | | | | | | | |
| | | | | | | (12) WELL LOG: | |
| How was seal place | cod: Method | _^ _ | в 🗆 | C D | □E | Ground Elevation | |
| Other | | | - W. | | | | - |
| Backfill placed fro | m ft. to | ft. | Material | | | Material From To | SWL |
| Gravel placed from | | ft. | Size of g | ravel | | day green + and course 1609/620 | |
| (6) CASING/L | INER: | | | | | send course + grand 18-98 /620/623 | Water |
| Diameter | From To G | auge Steel | Plastic | Welded | Threaded | day green SOFT 16231627 | |
| Casing: | | In | | | | sond course green + day green 1627 1629 | |
| Casing | | | | | | sond course + groves 12-34 1629 1632 | |
| | | Ti- | | | | clay + soul green 1432 1436 | |
| - | | | ä | | | Sand course green 1/03/01/038 | |
| Liner: | | ===== | | The state of the s | | clay + Stale - green Dark 16.381647 | _ |
| Luier. | | | | | | | |
| F 11 11 11 11 | | | | | | day group + Block SOFT 1647/1649 | |
| Final location of s | The state of the s | | | | | day green 30FT 1449/633 | |
| | TIONS/SCREEN | | | | | clay gray SOFT 16331637 | |
| Perforations | Method | | | | | clay green 16371660 | |
| Screens | Туре | | Malci | rial | | cloy + State - grunt gray /660/66/ | |
| From , To | Slot Number | Diameter . | Tele/pipe | Casing | Liner | clay green SOFT Vale14681 | |
| | A STATE OF THE STA | | 0.000 | | | day green + stale grey + Red 16 8/1709 | |
| | | | | | . 🗆 | Shale green park + grown 3/4 1709 1713 | |
| | | | | П | | closy green Soft o grow 2/4/7/2/17/6 | - |
| | | | | n | | clum arem SAFT 17/1/1728 | |
| | | | | | | ded 22 m n. 4 1722 21742 | - |
| | | | | - 0 | | 130 700 | |
| (8) WELL TES | TS: Minimum te | eting time i | a 1 hours | | | Sant Course 1/401/43 | |
| o, well ile | 10. Manimam te | sting time i | s I nout | | | Date startedCompleted | |
| | □n :: | | | Flow | | (unbonded) Water Well Constructor Certification: | |
| Pump | Bailer | Air | | Arte | sian | I certify that the work I performed on the construction, alteration, or aba | ndonmen |
| Yield gal/min | Drawdown | Drill sten | nat | 1 | lme | of this well is in compliance with Oregon water supply well construction at Materials used and information reported above are true to the best of my kn | undards. |
| | | | | | l hr. | and belief. | o macuge |
| | | | | | | WWC Number | |
| | | | | | | Signed Date | |
| Temperature of wa | ster | Depth Artesia | n Flow Fo | ound | | (bonded) Water Well Constructor Certification: | |
| Was a water analy | | es By whom | | na stolenia (| | | |
| The state of the s | tain water not suitab | | | ☐ Too li | ttle | I accept responsibility for the construction, alteration, or abandonment w performed on this well during the construction dates reported above. All w | ork |
| | ldy Odor | | Other _ | | | 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 | |
| Deput of strata: | | | | | | Signed War Jowe WWC Number_ | |

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

APR 13 2000

WELLI.D. # L. 40 696 START CARD # 1/4/4/

| Thermal Injection Livestock Other | (as required by ORS 537.765) Instructions for completing this report are on the last page | APERIRESOL SALEM O | INCES DEPT. | START CARD # Z | | |
|--|--|-----------------------|---|--|--|---------|
| State Stat | 1) OWNER: Well Number | SALLINI, C | (9) LOCATION OF W | | | |
| Signature State | English the second of the seco | | County | | | 20.0 |
| State State Top Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) Socien 1/4 1/4 Subdivision Tax Lot Lot Block Street Address of Well (or nearest address) State Annual (repair/neondition) Abandomnost Street Address of Well (or nearest address) Street Address of Well (or nearest | | | Township | _N or S Range | E or W. | WM. |
| Description | Q. A. | Zip | Section | 1/4 | 1/4 | |
| New Well Deepening Alternation (repair/necondition) Abandomental | | | Tax Lot Lot | Block | Subdivision | |
| Description Description Description Date | 1) TIPE OF WORK | Abandonment | | | | |
| Rotary Mar Rotary Mad Cable Auger Other Ot | | Nominon | | 4 | | |
| Content | | | (10) STATIC WATER I | EVEL: | | |
| OPROPOSED USE: Donnett: Invigation Dringation D | Rotary Air Rotary Mud Cable Auger | | | | Date | |
| Donnestic Community Industrial Infrigation Donnestic Community Infrastrial Director Donnestic Community Infrastrial Depth at which water was first found Depth at water was first found Depth at water was first found Depth at which water was first found Depth at water was first found Dept | | | | | | |
| Depth at which water was first found Depth at which water was first found | | | | | ukti. Date | _ |
| Special Construction approval Yes No Type | | | (II) WATER BEARING | LUITES. | | |
| Special Construction approval Yes No Depth of Completed Well ft. | I I I I I I I I I I I I I I I I I I I | | | | | |
| Sepolative sued Yes No Type Amount SEAL SEAL | (5) BORE HOLE CONSTRUCTION: | | Depth at which water was in | st found | | _ |
| Sepolative sued Yes No Type Amount SEAL SEAL | Special Construction approval Yes No Depth of Complet | od Wellft. | | | | 1 |
| Clameter Prom To Material Prom To Sacks or posseds | Explosives used Yes No Type Amour | ıt | From | То | Estimated Flow Rate | SW. |
| Casing C | | | | | | - |
| Casing: Casing | | cks or pounds | | | | |
| Grown Back Method A B C D E Ground Elevation | | | | | | |
| Grown Backfill placed from ft. to ft. Material | | | | | | |
| How was seal placed: Method A B C D E | | | | | | |
| Grown as seal placed: Method A B C D E | | | (12) WELLLOC | | | |
| Other Backfill placed from ft. to ft. Material Size of gravel | Tony was seel placed: Method DA DB DC | ПР ПЕ | | levation | | |
| Sackfill placed from ft. to ft. Material From To SWL | | L- L- | GIOLEG E | | | |
| Size of gravel | | | Material | | From To | SWL |
| 6) CASING/LINER: Diameter From To Gauge Steel Plastic Welded Threaded Caring: | | 1 | | OFT | | |
| Diameter Prom To Gauge Steel Plastic Weided Threaded Casing: | of the contract of the contrac | ACI | | | | |
| Casing: | The second secon | | | | | |
| | | | | | | 7 |
| Completed Comp | | | | | | |
| Completed Construction alteration, or abandonment work performed user Depth Artesian Flow Found Did any strata contain water not suitable for intended user Too little Salty Muddy Odor Colored Other Construction standards. This report is true to the best of my knowledge and belief. | | | | The second secon | | |
| Special location of shoc(s) | | | | The state of the s | | |
| Final location of shoe(s) PERFORATIONS/SCREENS: | | | dog grun | SOFT | | |
| Final location of shoc(s) Final location of shoc(s) | Liner: | | clay Brown | SOFT | | |
| Sof # # # # # # # # # # # # # # # # # # | | | class + shale | Brune's grea | 1784 | |
| Perforations Method | Final location of shoe(s) | | | | 1786 | |
| Perforations Method | | | | | | V |
| Screens Type Material Tele/plpe size Caring Liner Clark Provided Type Type Slot Type Slot Type Type Slot Type T | | | day Brown | Azem SOF1 | | |
| Solution Silet Number Diameter Size Casing Liner Size Casing Liner Size Casing Liner Size Casing Liner Casing C | | 1 | 1 | * Horl | 1788 | |
| Clay grayatern Soft 791 793 204 30 FT 1792 1793 1794 1795 204 30 FT 1794 1795 204 30 FT 1795 | Slot Tele/pipe | | class atream | | | |
| (8) WELL TESTS: Minimum testing time is 1 bour Pump | From To size Number Diameter stre | Casing Liner | | | | |
| Completed Comp | | 1 1 | and de de | 2011 | 17921291 | _ |
| Completed Comp | | | deg pusa | 2011 | 170/179 | _ |
| Completed Completed | | | and drad | DOFI | 1708/198 | |
| Salty Muddy Odor Colored Other Completed | | | any prosen | 14 BC | 11981800 | |
| Date started Completed | | | coa groy | SOFTHURT | 808/608/2 | |
| Pump | | | | | 1808 | |
| Plowing | (8) WELL TESTS: Minimum testing time is 1 hour | | Date started | Compl | eted | |
| Pump | | Flowing | (unbonded) Water Well C | onstructor Certificati | on: | |
| Materials used and information reported above are true to the best of my knowledge and belief. WWC Number | Pump Bailer Air | | | | | |
| Temperature of water Depth Artesian Flow Found (bonded) Water Well Constructor Certification: Was a water analysis done? | Yield gal/min Drawdown Drill stem at | Time | of this well is in compliance | with Oregon water su | ipply well construction star | ndards. |
| Temperature of water Depth Artesian Flow Found Signed Date Date Depth Artesian Flow Found (bonded) Water Well Constructor Certification: Vas a water analysis done? | | 1 hr. | | non reported above are | a use to the best of my kind | wiedg |
| Signed Date | | | | | WWC Number | |
| Temperature of water Depth Artesian Flow Found (bonded) Water Well Constructor Certification: Was a water analysis done? Yes By whom 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. | | | Signed | | | |
| Was a water analysis done? Yes By whom 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. | Temperature of water Danih Arterian Flow Pow | nd | | denotes Contillant | | _ |
| Did any strata contain water not suitable for intended use? | | | | | | |
| Double of state of the state of | Did any strata contain water not suitable for intended use? | Too little | performed on this well duri performed during this time | ng the construction dat is in compliance with | tes reported above. All wo Oregon water supply well | ork |
| wwc Number | | | 1 | The state of the s | A THE RESIDENCE OF THE PARTY OF | ocher. |
| Cimal / A AU U II AAAAA A | Depart of States | | Simul (1) - (1) | 1 | WWC Number | - |

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STATE OF OREGON

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APR 1 3 2000

| WATER SUPPLY WELL REPORT | | | WELL I.D. # L | 10696 | |
|--|----------------------|------------------------------------|----------------------------|---|--|
| (as required by ORS 537.765) | TER RESOL | INCES DEPT | START CARD # | 17171 | |
| (as required by ORS 537.765) Instructions for completing this report are on the last page. | THE STATE OF | REGON | | | |
| | O'ALLINI, W | (9) LOCATION OF | WELL by legal descr | ription: | |
| • | | | | Longitude | |
| Name | | Township | N or S Range | E or W. | WML |
| Address | ip | Section | 1/4 | 1/4 | |
| | | Tax Lot I | ot Block | 1/4 Subdivision | |
| (2) TYPE OF WORK | handamment | Street Address of Wel | l (or nearest address) | IND CARECUSTON | |
| New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ A | Dandolincii | Duce Houses of the | | | To be |
| (3) DRILL METHOD: | | (10) STATIC WATE | R LEVEL: | | |
| Rotary Air Rotary Mud Cable Auger | | ft. bel | | Date | |
| Other | | | | | |
| (4) PROPOSED USE: | | Artesian pressure (11) WATER BEARI | | re inch. Date | _ |
| Domestic Community Industrial Irrigation | | (II) WAIER BEAR | NG ZUNES: | | |
| Thermal Injection Livestock Other | | | | | |
| (5) BORE HOLE CONSTRUCTION: | | Depth at which water was | s first found | | |
| Special Construction approval Yes No Depth of Completed W | Vellft. | | | n | CNA |
| Explosives used Yes No Type Amount | | From | То | Estimated Flow Rate | SWL |
| HOLE SEAL | | | | | - |
| Diameter From To Material From To Sacks | or pounds | | | | - |
| | | | | | - |
| | | | | | - |
| | | | | | |
| | | (12) WELL LOG: | | | |
| How was seal placed: Method A B C | D DE | | d Elevation | | |
| Other | | | | | |
| Backfill placed from ft. to ft. Material | | Materi | al | | SWL |
| Gravel placed from ft. to ft. Size of gravel | | clay gras | of Brown + | 1808 | |
| (6) CASING/LINER: | | | SOFT & Hard | 1810 | |
| Diameter From To Gauge Steel Plastic Welde | d Threaded | clay gener | | 1810 1811 | |
| | | das grass | | 1811 1815 | |
| Casing: | | chap gray | gram 50FT | | |
| | | clear Brown | | 15171820 | |
| | | due aren | som o chaple | 18801833 | |
| | | | OFT + clique | | |
| Liner: | | 1 | Block | 1829 | |
| | | chal Brown | SOFT-Hord | 18291838 | |
| Final location of shoe(s) (7) PERFORATIONS/SCREENS: | | | Brown SOFT | 18387842 | |
| | | chy Brown | | | |
| Perforations Method | | clay oreas | SEFT | | |
| Store Type Material Telephyse Store | | D 4 2/ | t value Olive | 1867 | |
| From To size Number Diameter size Car | sing Liner | Brand Bred | and alle | 107/ | |
| | | 25 . 0 . 101 | + CAETA | 1876 | |
| | | compar 13th | CK SOFT & | K 1879 | |
| | | QLW - 1 C. | and Brown | 1970 | |
| | | and do | SOPT 6 | 18 17 | - |
| | | 1 | BALL BOOK | 1889 | |
| | | day Ray SOFT | conder Blood | KV889V892 | - |
| (8) WELL TESTS: Minimum testing time is 1 hour | | Date started | | pleted | |
| | Flowing | (unbonded) Water Wel | Constructor Certifica | ition: | |
| Pump Bailer Air | Artesian | | | struction, alteration, or abar | |
| Yield gal/min Drawdown Drill stem at | Time | Materials used and infor | mation reported above a | supply well construction sta are true to the best of my know | ndards. |
| | 1 hr. | and belief. | | | Bo |
| | | | | WWC Number | |
| | | Signed | | Date | |
| Temperature of water Depth Artesian Flow Found | | | Constructor Certification | on: | |
| Was a water analysis done? Yes By whom | | | | Iteration, or abandonment w | ork |
| | Too little | performed on this well of | turing the construction d | lates reported above. All wo | ork |
| Salty Muddy Odor Colored Other | and the state of the | construction standards | This report is true to the | h Oregon water supply well best of my knowledge and | belief |
| Depth of strata: | | Total State of State of Co. | 1// | WWC Number | owner. |
| | | Signed Was | Was Jones | Date Date | _ |
| Value of the second sec | | Signor C | 14 0000 | Date | Design of the last |

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construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1399

Date

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STATE OF OREGON WELL I.D. #L 40696 WATER SUPPLY WELL REPORT START CARD # 1/4/4 Instructions for completing this report are on the last page water RESOURCES DEPT. (9) LOCATION OF WELL by legal description: (1) OWNER: Longitude Latitude Name E or W. WM. Township N or S Range Address 1/4 Section 1/4 State City Subdivision Tax Lot Lot Block (2) TYPE OF WORK New Well Deepening Alteration (repair/recondition) Abandonmen Street Address of Well (or nearest address) (3) DRILL METHOD: (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable ft. below land surface. Date Other Date Artesian pressure lb. per square inch. (4) PROPOSED USE: (11) WATER BEARING ZONES: Community Industrial Domestic Irrigation Other Thermal | Injection Livestock Depth at which water was first found (5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well SWL Estimated Flow Rate To From Explosives used Yes No Type SEAL HOLE Sacks or pounds Material From To (12) WELL LOG: D ПС DB How was seal placed: Method TA. ПВ Ground Elevation Other ft. Material Backfill placed from ft. to 1892 1894 ft Size of gravel Gravel placed from ft. to (6) CASING/LINER: To Gauge Steel Welded Threaded Diameter Casing: 1915 Liner: Final location of shoe(s) (7) PERFORATIONS/SCREENS: Perforations Method Material Screens Турс Slot Diameter Casing Line 1963 SOFT 1963 SOFT (8) WELL TESTS: Minimum testing time is 1 hour Date started Completed (unbouded) Water Well Constructor Certification: Flowing Pump Bailer ☐ Air Artesian 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 Drill stem at Yield gal/min Time Drawdown 1 hr and belief. WWC Number Signed Temperature of water Depth Artesian Flow Found (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 Was a water analysis done? Yes By whom Did any strata contain water not suitable for intended use?

Signed C

a

Salty Muddy Odor Colored Other

Depth of strata:

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APR 1 3 2000

#12 419

STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

(as required by ORS 537.765)

WATER RESOURCES DEPT.

Instructions for completing this report are on the last page CALEMPOREGON

| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: CountyLatitudeLongitude |
|---|---|
| Name | Township N or S Range E or W. WM. |
| Address | Service 1/4 1/4 |
| City State Zip | Section 1/4 1/4 Tax Lot Lot Block Subdivision |
| (2) TYPE OF WORK | Street Address of Well (or nearest address) |
| New Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD: | |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER LEVEL: |
| Other | ft. below land surface. Date |
| (4) PROPOSED USE: | Artesian pressure lb. per square inch. Date |
| Domestic Community Industrial Irrigation | (11) WATER BEARING ZONES: |
| Thermal Injection Livestock Other | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Well ft. | From To Estimated Flow Rate SWL |
| Explosives used Yes No Type Amount | From To Estimated Flow Rate SWL |
| HOLE SEAL | |
| Diameter From To Material From To Sacks or pounds | |
| | |
| | |
| | THE WINTER LOCA |
| How was seal placed: Method A B C D E | (12) WELL LOG: Ground Elevation |
| | Glouid Elevatidi |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | Baselt grag + cuy gray SOFT 1994 1997 |
| (6) CASING/LINER: | clay group SOFT Basel Block 1997 2002 |
| Diameter From To Gauge Steel Plastic Welded Threaded | Balet gray day gray 50/7 2008 2087 |
| Casing: | circles Red + Block + state gran 2087 2091 |
| | Barett Block + shale gross gray 2091 2404 |
| | Basel goras + state gran 2/04/2/09 |
| | Basett Block + Shale grun 2109 2118 |
| Liner: | Boed Block vec. + shale gran 2/18 |
| | + tou + Rink SOFT 2153 |
| Final location of shoe(s) | cinder Block " " " 2153 2162 |
| (7) PERFORATIONS/SCREENS: | Balet Block + Stale green 2162 9164 |
| Perforations Method | Boart Block + gray + shode 2164 |
| Slot Slot Type Material Tele/place | green + pink + gray + clay |
| From To size Number Diameter size Casing Liner | gray 30 FT 39.18 |
| | Baset Block + place Rel Bts 22/8 (22) |
| | Baset Berk + stale green cha gr 22212270 |
| | clay Red Brown Ball Block 28709274 |
| | Boart Block + confin Red 82742279 Boart gray + clay gray 30FT 2279 |
| | shele green \$ 204 |
| (8) WELL TESTS: Minimum testing time is 1 hour | |
| | Date started Completed (unbonded) Water Weil Constructor Certification: |
| Pump Bailer Air Artesian | |
| Yield gal/min Drawdown Drill stem at Time | 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. |
| The garma Drawdows Drawen at Time | Materials used and information reported above are true to the best of my knowledge and belief. |
| 110. | WWC Number |
| | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work |
| Salty Muddy Odor Colored Other | performed during this time is in compliance with Oregon water supply well construction standards. This perfort is true to the best of my knowledge and belief. |
| Depth of strata: | WWC Number |
| | Signed Wald Just Date |

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STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
WATER RESOURCES DEPT.
Instructions for completing this report are on the last pages that preference on

START CARD #

| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: County Latitude Longitude |
|--|---|
| Name | Township N or S Range E or W. WM. |
| Address City State Zip | Section 1/4 1/4 |
| | Tax Lot Lot Block Subdivision |
| (2) TYPE OF WORK New Well Deepening Alteration (repair/recondition) Abandonment | |
| (3) DRILL METHOD: | (10) STATIC WATER LEVEL: |
| Rotary Air Rotary Mud Cable Auger Other | ft. below land surface. Date |
| (4) PROPOSED USE: | Artesian pressure lb. per square inch. Date |
| Domestic Community Industrial Irrigation | (11) WATER BEARING ZONES: |
| Thermal Injection Livestock Other (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Wellft | |
| 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 | (12) WELL LOG: |
| | Ground Elevation |
| Backfill placed from ft. to ft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | Back gray-Brown + state green 2304 2329 |
| (6) CASING/LINER: | But gray the green 23892338 |
| Diameter From To Gauge Steel Plastic Welded Thrended | |
| Casing: | day Brown + cloyle Brown 83418347 |
| | clay Block & clinde Block \$347 2354 |
| | day gray SOFT 23.54 23.56 |
| | day + stale green 2356 8362 |
| Liner: | day grun SOFT + cinda gray 2362 2368 |
| | cinder Block + clog grag SOFT 23/8 2371 |
| Final location of shoe(s) | Male gram Basel Block 23712379 |
| (7) PERFORATIONS/SCREENS: | Boset gray + sule green 23792383 |
| Perforations Method | Bout Block + Stale green 2383 2392 |
| Screens Type Material Tele/plpe | cimber gray + Red state from + 2392 |
| From To size Number Diameter size Casing Liner | |
| | cindor Brown + side grun, 8396 8418 |
| | Based Block Vac, winder Red 24/8 Flowing |
| | Date that the shorters and 1417 256-PM |
| | Character Kt Put diet and 12 |
| | the other states and the state of the state |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started Completed |
| | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Artesian | I certify that the work I performed on the construction, alteration, or abandonment |
| Yield gal/min Drawdown Drill stem at Time | of this well is in compliance with Oregon water supply well construction standards |
| 1 hr. | Materials used and information reported above are true to the best of my knowledge and belief. |
| | WWC Number |
| | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well |
| Salty Muddy Odor Colored Other | construction standards. This report is true to the best of my knowledge and belief. |
| Depth of strata: | WWC Number |
| ORIGINAL & HIRST CORY WATER RESOLUTION OF THE ATTEMPT OF | Signed Walk Stowe Date |

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STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WATER RESOURCES DEPT.

WELL I.D. # L. 40696 START CARD # 1/4/4/

| | completing this rep | Of the Off the last page | | (9) LOCATION OF | WELL by legal descr | ription: | |
|--|--|--|-------------------|--|--|--|----------|
| (1) OWNER: | • | Well Number | - | County | Latitude | Longitude | |
| Name | | | | Township | N or S Range | Longitude E or W. | WM. |
| Address | | 0 | 7 in | Section | 1/4_ | 1/4 | |
| City | | State | Zip | Tax Lot L | ot Block | Subdivision_ | |
| (2) TYPE OF W | ORK | - (maistenandition) | Abandonment | | | | |
| | | ion (repair/recondition) | Abaroomica | | | | |
| (3) DRILL MET | | C-M- DAMAGE | | (10) STATIC WATER | R LEVEL: | | |
| | Rotary Mud | Cable Auger | | AND AND REAL PROPERTY OF THE P | ow land surface. | Date | |
| Other | Vien. | | | Artesian pressure | lb. per squar | | |
| (4) PROPOSED | | Industrial Irriga | tion | (11) WATER BEARI | | | |
| | Community | Livestock Other | 20070 | (/ | | | |
| | Injection E CONSTRUCT | The state of the s | | Depth at which water was | first found | | |
| (5) BUKE HUL | E CONSTRUCT | No Depth of Complet | ted Well ft. | | | | |
| Special Construction | a approval Test | Amou | nt | From | То | Estimated Flow Rate | SWL |
| HOLE | les No lype | SEAL | | | | | |
| | To Material | | acks or pounds | | | | |
| Diameter From | To Material | From 10 3 | acts of borner | | | | |
| | | | | | | | |
| - | | | | | | | |
| - | | | | (12) WELL LOC | | | |
| How was seal place | de Mathod I | A B C | D DE | (12) WELL LOG: | Elevation | | |
| _ | A. MCHOU | | | Groun | | | |
| Other | n ft. to | ft. Material | | Materi | al | From To | SWL |
| Gravel placed from | | ft. Size of gra | ivel | clas TAN S. | OFT | 24282451 | |
| (6) CASING/LI | | _ n one or gr | | den gren +0 | ens + Dry-HA | rd 24512454 | |
| NAC. | | auge Steel Pinstic V | Veided Threaded | clad grunt gr | 4 + But Blocks | × 24548456 | |
| Diameter | From To G | | | day TAN 3 | | 24568457 | |
| Casing: | | | | Stale green & B | | | |
| _ | | | | dog ton Bros | | | |
| · · | | | | Bould Block Nec | Able areas | 24442482 | |
| | | | | Bosett Block ray | the second section of the second section is a second section of the second section is a second section of the second section is a second section of the second section | | |
| Liner: | | | | | | - 2509 25/1 | |
| Final location of sh | 200(4) | | | cirles Red + cla | of Btown Del 16 | 1 2511 | |
| | TONS/SCREENS | | | Carried No. | grun | 25/6 | |
| | | • | | Basett Black al | | | |
| Perforations | | Materi | al | Back Brown | SOFT | 2575 9577 | |
| Screens | Type | Tele/pipe | The second second | cinder Red & | | | |
| From To | size Number | Diameter size | Casing Liner | Brack Brown + | | 25792881 | |
| - | | | | Baut Block + | the aremarra + | 4 7 8/ | |
| - | | | | DOME DATE Y | godita | 2584 | |
| | | | | Dutten | + - la - a bus 5 61 | CT 8584 9587 | |
| - | | | | Parch BI-FI | cha green HA | 1 2580 1500 | |
| | | | | unda Brown's | J | 9190 9192 | |
| (8) WELL TES | TS: Minimum to | sting time is 1 hour | | Date started | | poleted | |
| (o) WELL IES | as. maimain te | oring time is I flour | | (unbonded) Water Wel | | atlon: | |
| | Bailer | Air | Flowing | | | ation: instruction, alteration, or abar | ndon |
| Pump | Drawdown | Drui stem at | Artesian | of this well is in complia | ince with Oregon water | supply well construction sta | indards. |
| Yield gal/min | DIAMGONE | Di si sem si | 1 hr. | Materials used and infor and belief. | mation reported above | are true to the best of my kn | owledge |
| - | | | 1 III. | and belief. | | WWC Number | |
| | | | | Signad | | WWC Number | |
| Temperature of | atar . | Denth Artesian Flour For | und | (bonded) Water Well (| Sanatanatan Continue of | Date | |
| Temperature of wa | | Dopth Artesian Flow For | mting | | | | |
| Was a water analy | The state of the s | es By whom | D. The street | performed on this well | y for the construction, a | dates reported above. All w | ork |
| The second court of the second court of the second | tain water not suitab | | Too little | performed during this ti | me is in compliance wit | th Oregon water supply well | |
| | day Uddor U | Colored Other | | construction standards. | This report is true to the | e best of my knowledge and | belief. |
| Depth of strata: | | | | 1 . 17 . | Made | WWC Number | |
| | | | | Signed Was | de don | -L Date | |
| ORIGINAL & F | TRST COPY-WAT | ER RESOURCES D | EPARTMENT S | ECOND COPY-CONST | RUCTOR THIRD | COPY-CUSTOMER | |

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STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

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

| (1) OWNER: | | Well N | umber | 100000 | F WELL by legal desc | | | |
|---|--|--|--|--|--|------------------|---|----------|
| Name | • | | | County | Latitude | Lon | ngitude | |
| Address | | | | Township | N or S Range_ | | _ E or V | W. WM. |
| City | | State | Zip | Section | 1/4 | | 1/4 | |
| (2) TYPE OF WO | ORK | | | Tax Lot | Lot Block | Su | bdivision_ | |
| | | ation (repair/recond | ition) Abandonment | | Well (or nearest address) | | | |
| (3) DRILL METE | The state of the s | | - Section of the sect | | | | | |
| Rotary Air | | Cable A | ger | (10) STATIC WAT | TER LEVEL: | | | |
| Other | | J | 6 | 1000 | below land surface. | D | Date | |
| (4) PROPOSED U | ISE: | | | | lb. per squa | | Date | |
| | Community [| Industrial [| Irrigation | (11) WATER BEA | | | anterio. | |
| | | | Other | | | | | |
| (5) BORE HOLE | | | | Depth at which water | was first found | | | |
| | | | ompleted Wellft. | | | | | |
| | Control of the Contro | The state of the s | Amount | From | To | Estimated | Flow Rate | SWL |
| HOLE | 103 []110 1)[| SEAL | | | | | | |
| Diameter From T | o Materi | | Sacks or pounds | | | 130 | | |
| | 1 | | DECES OF PORTION | | | | | 7 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | 400 000000 | | | | |
| How was seal placed: | Method | □A □B | C D DE | (12) WELL LOG: | and Planted | | | |
| | . Michiga | | | Gro | and Elevation | | | |
| Other Backfill placed from | 6 15 | 6 16. | rial | 16. | erial | P | Te | CMI |
| | | | W.D.T. | | | From | To | SWL |
| Gravel placed from (6) CASING/LIN | | ft. Size | of gravel | Basett Brown | | 2593 | CONTRACTOR OF THE PARTY OF THE | |
| • | | | | | shale gran ground | | | |
| Diameter | From To C | auge Steel Plast | | The second secon | in Red clay Red | | 2397 | |
| Casing: | - | | | Baset Brown | | 2597 | | |
| - | | | | | she gren- gear | | 4 | |
| | | | | Bard Brown | | 2603 | 2605 | |
| | | | | Boset Blook | Male green | 2605 | 2612 | |
| iner: | | | | | red Able green | 2612 | 2429 | |
| | | | | Boots grong 130 | som goorty wid | 2 2629 | 26.32 | |
| Final location of shoe | NAME OF TAXABLE PARTY. | 0 | | Basit Rel & | | 8632 | | |
| 7) PERFORATION | ONS/SCREEN | S: | | Basel Blect | goods was hit | 2637 | 2645 | |
| Perforations | Method | | | | tale gless + goarts | | 2659 | |
| Screens | Туре | M | aterial | | or state green | 2652 | | -32 |
| From . To . | Slot size Number | Diameter Str | lpe | | vas. stile gren | 2657 | 9/1/2 | |
| | - Indiana | 30 | | Basit aroa | + Block style gre | 91/2 | 450 | |
| | | | | 1 - 6 | chy gray | | 2467 | |
| | | | | Mal. arem A | WH DIE | 0/17 | 0152 | |
| | | | | Quet pl_L | ALL DE | 0/20 | 2683 | |
| | | | | BANK BUTON | Man Cal | 2483 | 0/00 | |
| | | | | 11/ 01 - | chan grang SOF | 10/00 | 2489 | |
| 8) WELL TESTS | · Minimum to | sting time is 1 b | | State green ! | Salett Block | 2689 | 2690 | |
| o, well in 15 | . wantimum te | aring time is 1 h | out. | Date started | Сотр | | | |
| | | | Flowing | | ell Constructor Certificat | | | |
| Pump | Bailer | Air | Artesian | I certify that the wo | rk I performed on the cons | truction, altera | tion, or abar | ndonment |
| Yield gal/min | Drawdown | Drill stem at | Time | of this well is in comp | iance with Oregon water somation reported above an | unnin mall con | etruction et- | |
| | | | 1 hr. | and belief. | | e a de so me de | or my kn | owiedge |
| | · · · · · · · · · · · · · · · · · · · | | | | | WWC Num | ber | |
| | | | | Signed | | | Date | |
| emperature of water | | Depth Artesian Flow | Found | tolo whiteholds | Constructor Certification | | | - |
| Was a water analysis | | es By whom | | | ity for the construction, alt | | ndonment | |
| Did any strata contain | | | Too little | performed on this well | during the construction de | tes remorted ab | All nu | anla |
| Salty Muddy | | | | periorined during this | ime is in compliance with | Oregon water | Ilaur walt | |
| Depth of strata: | · U | | The state of the s | construction standards | This report is true to the | est of my kno | wledge and | belief. |
| | | | | 0 /1-1 | lat. | WWC Nun | nber | |
| DIGINAL OF | om corre | | | Signed Wall | 20 me | | Date | |
| KIGINAL & FIRS | ST COPY-WAT | EK KESOURCE | S DEPARTMENT SE | COND COPY-CONS | TRUCTOR THIRD | COPY-CUST | OMER | |

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STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WATER RESOURCES DEPT.

WELLI.D. # L. 40696 START CARD # 114141

| (1) OWNER: Well Number | T | (9) LOCATION OF W | ELL by legal descr | ription: | |
|---|-----------------|-----------------------------|--|---|-------------------|
| (1) OWNER: Well Number | | County | Latitude | Longitude | |
| Address | | Township | N or S Range | E or W. | WM. |
| City State | Zip | Section | 1/4_ | 1/4 | |
| (2) TYPE OF WORK | | Tax LotLo | MBlock | Subdivision | |
| New Well ☐ Deepening ☐ Alteration (repair/recondition |) Abandonment | Street Address of Well | (or nearest address) _ | | |
| (3) DRILLMETHOD: | | | * #1000 | | |
| Rotary Air Rotary Mud Cable Auger | | (10) STATIC WATER | | | |
| Other | | | | Date | |
| (4) PROPOSED USE: | | Artesian pressure | | re inch. Date | |
| Domestic Community Industrial Irrig | gation | (11) WATER BEARIN | NG ZUNES: | | |
| Thermal Injection Livestock Oth | er | | Coat found | | |
| (5) BORE HOLE CONSTRUCTION: | | Depth at which water was | Ill'st louisd | | |
| Special Construction approval Yes No Depth of Comp | leted WellIL | From | To | Estimated Flow Rate | SWL |
| Explosives used Yes No Type Amo | unt | Flotti | 10 | Distributed 110 to the same | |
| HOLE SEAL | | | | | |
| Diameter From To Material From To | Sacks or pounds | | | | |
| | - | | | | |
| | | | | | |
| | | (12) WELL LOG: | | | |
| How was seal placed: Method A B | C DD DE | | Elevation | | |
| Other | | 0.04 | | | |
| Backfill placed from ft. to ft. Material | | Materia | | From To | SWL |
| Gravel placed from ft. to ft. Size of g | | the group B. | somme Harl & | 2690 | |
| (6) CASING/LINER: | | | -grang SOFT | | |
| Diameter From To Gauge Steel Plastic | Welded Threaded | Brott Block | | 2705 2711 | |
| Casing: | | She Bran + | clag Brown | 27/1 27/4 | |
| | | Make Brown + | green Hard" | 2714 2718 | |
| | | Whale great 18 | round group | 97/8 9780 | |
| | | | | 43780 2722 | 17-1 |
| Liner: | | Bouth Bloc | £ | 2782 27.30 | Pour |
| | | Board groy | yours or rue | 27302761 | |
| Final location of shoe(s) | | Bout gray cl | ayoran y s | A 7 78 9 7 70 | |
| (7) PERFORATIONS/SCREENS: | | | | RU27792782 | |
| Perforations Method | | shall Brown | | 2782 2784 | |
| Screens Type Mate | | n. Uni-t | | | |
| From To size Number Diameter stre | Casing Liner | Basell gray | | | |
| | | Note to be | LA LIT NIA | 1 2799 8801 | |
| | | ander Block | Shale Frem | 9801 2816 | |
| | | Bay # Blok + | State must ar | un 28/6 8886 | |
| | | Cinder Blocks | red lade one | - 18868889 | |
| | | 11 /11 | Alale Brom + gra | - 2829 9835 | |
| (8) WELL TESTS: Minimum testing time is 1 bou | г | Date started | Control of the Contro | apleted | |
| | Flowing | (unbonded) Water Well | | | |
| Pump Bailer Air | Artesian | | | nstruction, alteration, or abar | |
| Yield gal/min Drawdown Drill stem at | Time | of this well is in complian | nce with Oregon water nation reported above | supply well construction sta are true to the best of my kn | owledge |
| | 1 hr. | and belief. | in the state of th | and the same over or my kin | - mongo |
| | | | | WWC Number | |
| | | Signed | | Date | |
| Temperature of water Depth Artesian Flow I | ound | (bonded) Water Well C | onstructor Certificati | on: | |
| Was a water analysis done? Yes By whom | | | | determinent was about All w | |
| Did any strata contain water not suitable for intended use? | Too little | performed during this tir | ne is in compliance wit | dates reported above. All we th Oregon water supply well | Name and the same |
| Salty Muddy Odor Colored Other | | construction standards. | This seport is true to th | e best of my knowledge and | belief. |
| Depth of strata: | | 1 1 | 114 | WWC Number / 4 | 99 |
| | | Signed / all | one some | Date | |

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

(as required by ORS 537.765)

WATER RESOURCES DEPT.

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

WELL I.D. # L. 40696 START CARD # 1/4/4

| 1) OWNER: | Well Number | (9) LOCATION OF V | WELL by legal descr Latitude | iption:Longitude | |
|--|---|---|--|--|-----------------------------|
| lame | | Township | N or S Range | Longitude E or W. | WM. |
| ddress | State Zip | Section | 1/4 | 1/4 | |
| .16) | State | Tax Lot L | otBlock | Subdivision | _ |
| 2) TYPE OF WORK New Well Deepening Alterna | ion (repair/recondition) Abandonment | Street Address of Well | (or nearest address) | | |
| 3) DRILL METHOD: | att. Diver | (10) STATIC WATER | R LEVEL: | | |
| Rotary Air Rotary Mud | Cable Auger | ft. beld | | Date | |
| Other | | Artesian pressure | lb. per square | e inch. Date | |
| 4) PROPOSED USE: Domestic Community Thermal Injection (5) BORE HOLE CONSTRUCT | Livestock Other | (11) WATER BEARI Depth at which water was | NG ZONES: | | |
| Special Construction approval Yes | No Depth of Completed Wellft. | | To | Estimated Flow Rate | SWL |
| Explosives used Yes No Type | Amount | From | То | Estillated Flow Rate | UNL |
| HOLE | SEAL | | | | |
| Diameter From To Material | From To Sacks or pounds | | | | |
| | | | | | |
| | | (12) WELL LOG: | | | |
| How was seal placed: Method | A B C D E | Ground | d Elevation | | |
| Other | | | | Pour T. | SWL |
| Backfill placed from ft. to | ft. Material | Materi | di at i | 9835 9839 | SWL |
| Gravel placed from ft. to | | Bout Block sie | ugran | 2839 2845 | 2 7 1 |
| (6) CASING/LINER: | | Basett Block | | | 3500 |
| | auge Steel Plastic Welded Threaded | | hale grun | 28 45 2863 | - |
| Casing: | | Baut Block | + George | 2863 2870 | |
| | | Baset grang of | - shall green | 2870 2872 | |
| | | Baset Block & | shy green | 2872 2879 | - |
| | | Breef grong | whole group | 2879 2381 | _ |
| Liner: | | Best Block | - 10 11 | 2881 2914 | |
| | | BullBlook | + conder Red | 2914 2922 | |
| Final location of shoe(s) | | Brock grey V | 4. + shale green | 29999994 | - |
| (7) PERFORATIONS/SCREEN | S: | Bauto Block | stok green | 298412939 | |
| Perforations Method | | Basil gray o | Stale gran + 90 | 49 2 23 9 29 43 | |
| Screens Type | Material | Bear Black | 11 11 11 | 2943 9954 | |
| From To size Number | . Diameter , size Casing Line | Basett gerry | + still grag | 29549958 | - |
| 113404 | | Basett Block | +1, 11 | 2958 2942 | |
| | | Bout gray t | - shale green | 2942 2970 | |
| | | Erett Brown | 4 1- 11 00 | 97708973 | - |
| | | But groy | tule green | 29332976 | |
| | | Breet, Blog | K | 2474 8882 | |
| | | - Rosott grug | & Block grown | 3 2982 4986 | |
| (8) WELL TESTS: Minimum t | esting time is 1 bour | Date started | Com | pleted | |
| | Flowing | | Il Constructor Certifica | | |
| Pump Bailer | Air Artesian | I certify that the wor | k I performed on the con | astruction, alteration, or aba | ndonmer |
| Yield gal/min Drawdown | Drill stem at Time | Materials used and info | rmation reported above | are true to the best of my kr | owledge |
| | 1 hr. | and belief. | | Transportation of the second | |
| | | | | WWC Number | |
| | | Signed | | Date | |
| Temperature of water | Depth Artesian Flow Found | (bonded) Water Well | Constructor Certificati | on: | |
| TO CHARLE THE PROPERTY OF THE PARTY OF THE P | Yes By whom | I accept responsibili | ity for the construction, a | lteration, or abandonment | work |
| Did any strata contain water not suits | ble for intended use? Too little | performed on this well | during the construction of | dates reported above. All w | rork |
| | | construction standards. | This seport is true to the | e best of my knowledge and | belief. |
| | | | 111.1 | WWC Number / 3 | |
| | | Signed (| of Frank | Date | |
| Temperature of water Was a water analysis done? Did any strata contain water not suita Salty Muddy Odor Depth of strata: | Drill stem at Time 1 hr. Depth Artesian Flow Found Yes By whom ble for intended use? | of this well is in complimaterials used and info and belief. Signed (bonded) Water Well I accept responsibiliperformed on this well performed during this to construction standards. Signed Codd | Constructor Certification of the construction administration of the construction administration of the construction of the con | wwc Number Date On: Ulteration, or abandonment of dates reported above. All with Oregon water supply well be best of my knowledge and wwc Number | work vork l l beli |

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STATE OF OREGON

WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

(as required by ORS 537.765)

WATER RESOURCES DEPT.

Instructions for completing this report are on the last ON FINE OFFEGON

| (1) OWNER: Well Number | (9) LOCATION OF WELL by legal description: County Latitude Longitude |
|--|---|
| Name | Township N or S Range E or W. WM. |
| Address | Section 1/4 1/4 |
| City State Zip | Tax Lot Lot Block Subdivision |
| (2) TYPE OF WORK New Well Deepening Alteration (repair/recondition) Abandonmen | |
| (3) DRILLMETHOD | (10) STATIC WATER LEVEL: |
| Rotary Air Rotary Mud Cable Auger | ft. below land surface. Date |
| Other | Artesian pressure lb. per square inch. Date |
| (4) PROPOSED USE: | (11) WATER BEARING ZONES: |
| Domestic Community Industrial Irrigation Thermal Injection Livestock Other (5) BORE HOLE CONSTRUCTION: | Depth at which water was first found |
| Special Construction approval Yes No Depth of Completed Well | |
| Explosives used Yes No Type Amount | |
| HOLE SEAL | |
| Diameter From To Material From To Sacks or pounds | |
| | |
| | |
| | |
| | (12) WELL LOG: |
| How was seal placed: Method A B C D I | |
| Other | |
| Backfill placed fromft. toft. Material | Material From To SWL |
| Gravel placed from ft. to ft. Size of gravel | Death Obok + gray 3886 2988 |
| (6) CASING/LINER: | 1 3988 4991 |
| Diameter From To Gauge Steel Plastic Welded Threads | Bast Block cinfor Red shout = 2991 2997 |
| Casing: | Basil gray + shale proson 2997 3009 |
| | Basit gry Stale green 3009 3083 |
| | Rasel Blook grows white 3093 3097 |
| | Resett Block cinder Red 3027 3035 |
| Liner: | But gray goarts the gray 3035 3041 |
| | Basett Block + Shale green 3041 3043 |
| Final location of shoe(s) | Raset gray + shale gray gurin 30493054 |
| (7) PERFORATIONS/SCREENS: | Best gray state green 30543078 |
| Perforations Method | Basett Block goverte white 3078 2081 |
| Screens Type Material | Base H gry stal green o del 3081 |
| From To size Number Diameter size Casing Line | 2000 |
| From 10 sate District Rate Casing Cas | n 11 - 1 1 |
| | |
| | M 4/21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | |
| | Stell great secondor Red 3111 3/1/0 |
| | - Broth Block Vis Alel grum 311/0 3194 |
| (8) WELL TESTS: Minimum testing time is 1 hour | Date started Completed |
| Flowing | (unbonded) Water Well Constructor Certification: |
| Pump Bailer Air Artesian | I certify that the work I performed on the construction, alteration, or abandonment |
| Yleid gal/min Drawdown Drill stem at Time | of this well is in compliance with Oregon water supply well construction standards |
| 1 hr. | Materials used and information reported above are true to the best of my knowledge and belief. |
| | WWC Number |
| | Signed Date |
| Temperature of water Depth Artesian Flow Found | (bonded) Water Well Constructor Certification: |
| Was a water analysis done? Yes By whom | I accept responsibility for the construction, alteration, or abandonment work |
| Did any strata contain water not suitable for intended use? Too little | performed on this well during the construction dates reported above. All work |
| Salty Muddy Odor Colored Other | performed during this time is in compliance with Oregon water supply well construction standards. This seport is true to the best of my knowledge and belief. |
| Depth of strata: | WWC Number 1399 |
| | Signed Walds Jone Date |
| Supplementary of the second control of the s | Date |

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STATE OF OREGON

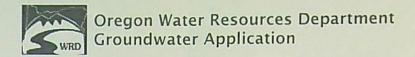
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

| (1) OWNER: Well Number | (9) LOCATION OF | | | |
|---|--|--|--|----------------------------------|
| Name | | Latitude | | |
| Address | | | E or | W. WM. |
| City State Zip | Section | 1/4 | 1/4 | |
| (2) TYPE OF WORK | Tax LotL | otBlock | Subdivision | |
| New Well Deepening Alteration (repair/recondition) Abandonment | | | | |
| 3) DRILL METHOD: | | | | No. |
| Rotary Air Rotary Mud Cable Auger | (10) STATIC WATER | LEVEL: | | |
| | ft. beld | | Date | |
| Other | Artesian pressure | | | |
| 4) PROPOSED USE: | (11) WATER BEARI | | re inch. Date | |
| Domestic Community Industrial Irrigation | (II) WATER BEARI | NG ZUNES: | | |
| Thermal Injection Livestock Other | | | | |
| (5) BORE HOLE CONSTRUCTION: | Depth at which water was | first found | | |
| Special Construction approval Yes No Depth of Completed Wellft. | | | | 1 |
| Explosives used Yes No Type Amount | From | То | Estimated Flow Rate | SWL |
| HOLE SEAL | | | | |
| Diameter From To Material From To Sacks or pounds | | | | |
| | | | | |
| | | | | |
| | | | | |
| | (40) 1111111100 | | | |
| How was seal placed: Method A B C D E | (12) WELL LOG: | The state of the s | | |
| | Ground | Elevation | | |
| Other | Materia | | T T- | CHI |
| Backfill placed from ft. to ft. Material | Materia | | From To | SWL |
| Gravel placed fromft. toft. Size of gravel | Bost grage s | | | , |
| (6) CASING/LINER: | Built Block | | | |
| Diameter From To Gauge Steel Plastic Welded Threaded | Basett gray & | Mule green | 31343136 | |
| Casing: | Baut Black | & Stile green | 3136 3187 | |
| | Ball Bla | of | 3177 3138 | 1 |
| | | | | |
| | | | | |
| Liner: | | | | |
| | | | | |
| Final location of shoe(s) | | | | |
| 7) PERFORATIONS/SCREENS: | | | - | |
| | | | | |
| Perforations Method | | | | |
| Screens Type Material Slot Tele/pipe | | | | |
| From To size Number Diameter , size Casing Liner | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | - |
| | | | | |
| 8) WELL TESTS: Minimum testing time to 1 hours | | | | |
| 8) WELL TESTS: Minimum testing time is 1 hour | Date started | Comp | | |
| FlowingFlowing | (unbonded) Water Well | | | |
| | | nerformed on the constant | truction, alteration, or ab | andonmen |
| Pump Bailer Air Artesian | I certify that the work | pertormed on the coun | | tandarde |
| Yield gal/min Drawdown Drill stem at Time | of this well is in complian | ce with Oregon water o | upply well construction | marria t |
| | I certify that the work of this well is in complian Materials used and informand belief. | ce with Oregon water o | upply well construction is true to the best of my k | nowledge |
| Yield gal/min Drawdown Drill stem at Time | Materials used and inform | ce with Oregon water o | e true to the best of my k | nowledge |
| Yield gal/min Drawdown Drill stem at Time | Materials used and inform and belief. | ce with Oregon water o | wwc Number | nowledge |
| Yield gal/min Drawdown Drill stem at Time 1 hr. | Materials used and informand belief. Signed | ce with Oregon water so ation reported above an | WWC Number | nowledge |
| Yield gal/min Drawdown Drill stem at Time 1 hr. Temperature of water Depth Artesian Flow Found | Materials used and informand belief. Signed | ce with Oregon water a ation reported above an | WWC Number Date | nowledge |
| 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 | Materials used and informand belief. Signed | ce with Oregon water a ation reported above an | WWC Number | nowledge |
| Yield gal/min Drawdown Drill stem at Time 1 hr. Temperature of water Depth Artesian Flow Found Was a water analysis done? | Materials used and inform and belief. Signed | ce with Oregon water st ation reported above an ation reported above an ation reported above and construction construction, alter tion the construction de- | WWC Number | work |
| Vield gal/min Drawdown Drill stem at Time 1 hr. Temperature of water Depth Artesian Flow Found Was a water analysis done? | Materials used and inform and belief. Signed | ce with Oregon water st ation reported above an ation reported above an ation reported above and construction construction, alter tion the construction de- | WWC Number | work |
| Yield gal/min Drawdown Drill stem at Time 1 hr. Temperature of water Depth Artesian Flow Found Was a water analysis done? | Materials used and informand belief. Signed | ce with Oregon water st ation reported above an ation reported above an ation reported above and construction construction, alter tion the construction de- | WWC Number Date Date Oregon water supply we best of my k | work work ill d belief. |
| Vield gal/min Drawdowa Drill stem at Time 1 hr. Temperature of water Depth Artesian Flow Found Was a water analysis done? | Materials used and inform and belief. Signed | ce with Oregon water st ation reported above an ation reported above an ation reported above and construction construction, alter tion the construction de- | WWC Number | work work ill d belief. |

| 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 25 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: | |
| Applicant/Organization Name and Mailing Address | |
| Signature of <i>all</i> 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? | |
| 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 <u>must</u> be submitted. | |
| 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 | |
| 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) | |
| X ☑ Proposed Water Use | |
| Amount of water from each source in GPM, CFS, or AF | |
| Period of use indicated Note That If for supplemental irrigation, primary acreage or underlying permit or certificate number listed (Primary and Supplemental Irrigation counts as 2 uses) | |
| X Water Management Section (Estimates if the water system has not been designed) | |
| Resource Protection Section | |
| λ ☑ 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) |
| 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. |
| 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 <u>IS / IS NOT</u> (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. Township, Range, Section Location of main canals, ditches, pipelines or flumes (if POA/POD is outside of POU) Place of use, 1/4-1/4's and tax lot clearly identified Even map scale not less than 4" = 1 mile (1"= 1320 ft.); examples: 1" = 100 ft., 1" = 200 ft. 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. Reference corner on map North Directional Symbol Number of acres per 1/4 1/4 if for irrigation, nursery, or agriculture |
| Fees: Print out from Fee Calculator |
| Total Fees (examt recuraing): \$3.960. Fee Paid Amount Due \$520.00 C permit issuance |
| Reviewed by: Judy Ferrell Date: 12/17/2019 Com Modelleton 12/17/2019. |

amm 12/10/19



Main O Help

Return Contact Us

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 |



| | WATER | RESOURC | ES DEPARTN | IENT | |
|--------------|----------------------|---------------------------|--------------------|-------------------------------|-------------|
| RECEIPT# | 131550 | 725 Summer S SALEM, OR | St. N.E. Ste. A | INVOICE # | |
| RECEIVED FRO | M: Dinga nu | in. | | APPLICATION | A-18894 |
| BY: | JE | hteron: | SES LLC | PERMIT | 4.0011 |
| 01011 | | - 1 | | TRANSFER | |
| CASH: (| X 27543 OTHE | R: (IDENTIFY) | | TOTAL REC'D | \$ 3440 -00 |
| 1083 | TREASURY 41 | 70 WRD N | IISC CASH AC | CT | |
| 0407 | COPIES | | | | S |
| | OTHER: (IDEN | TIFY) | | | \$ |
| 0243 1/5 1 | | | an 0245 | Cons. Water | |
| 02.10.110.2 | | 225 | PERATING AC | | |
| | MISCELLANEOUS | | | ,61 | |
| 0407 | COPY & TAPE FEES | 4/4 | 0111 | | \$ |
| 0410 | RESEARCH FEES | | | | \$ |
| 0408 | MISC REVENUE: (IDE | NTIFY) | | | \$ |
| TC162 | DEPOSIT LIAB. (IDENT | TFY) | | | \$ |
| 0240 | EXTENSION OF TIME | | | | \$ |
| | WATER RIGHTS: | | EXAM FEE | | RECORD FEE |
| 0201 | SURFACE WATER | | \$ | 0202 | \$ |
| 0203 | GROUND WATER | | \$ 3440.0 | 0204 | \$ |
| 0205 | TRANSFER | | \$ | | |
| | WELL CONSTRUCTION | | EXAM FEE | | LICENSE FEE |
| 0218 | WELL DRILL CONSTRU | CTOR | \$ | 0219 | \$ |
| | LANDOWNER'S PERMI | Т | | 0220 | \$ |
| <u> </u> | OTHER (IDI | ENTIFY) | | | |
| 0536 | TREASURY 04 | 37 WELL | CONST. START | FEE | |
| 0211 | WELL CONST START FI | EE | \$ | CARD# | |
| 0210 | MONITORING WELLS | | \$ | CARD# | |
| | OTHER (IDE | ENTIFY) | | | |
| 0607 | TREASURY 04 | 67 HYDRO | ACTIVITY | IC NUMBER | |
| 0233 | POWER LICENSE FEE (| | | alamet But meles become to be | \$ |
| 0231 | HYDRO LICENSE FEE (| | | | S |
| | HYDRO APPLICATION | | | | S |
| | TREASURY | OTHER | / RDY | | |
| | | | TIDA | 7 | |
| FUND | TITI | LE | | | |
| OBJ. COD | VEN | NDOR# | None of the second | | |

DATED: 17-16-19

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

RECEIPT:

DEC 1 6 2019 RECEIVED OWRD

Bank of Eastern Oreg

3,440.00

3,440.00

27543

Application for a Permit to Use

Groundwater



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

| pplicant | | | | PHONE (HM) |
|--|-----------------|---|----------------------------|------------------------------------|
| NAME GREGORY L. BINGAMAN | | | | |
| PHONE (WK) | CI | ELL | | FAX |
| HONE (WK) | 54 | 11-786-1000 | | |
| ADDRESS | | | | |
| 4088 McDONALD LANE | om i mr | ZID | E-MAIL* | |
| CITY LA GRANDE | OREC | 7-10-10-10-10-10-10-10-10-10-10-10-10-10- | E-MAIL | |
| LA GRANDE | OREC | 3,000 | | |
| rganization | | | | |
| NAME | | | PHONE | FAX |
| | | | | CELL |
| ADDRESS | | | | CELL |
| CITY | STATE | ZIP | E-MAIL* | |
| | | | | |
| | | | | |
| gent - The agent is authorized to repr | resent the app | licant in all | matters relating to this a | pplication. |
| AGENT / BUSINESS NAME | | | PHONE 541-963-6771 | FAX |
| GREGORY BLACKMAN ADDRESS | | | 341-703-0771 | CELL |
| 126 RIDGE DRIVE | | | | 541-786-2859 |
| CITY | STATI | | E-MAIL* | |
| LA GRANDE | ORE | 97850 | gtblackman@yaho | o.com |
| lote: Attach multiple copies as needed | | | | D |
| By providing an e-mail address, conse | ent is given to | receive all | correspondence from the | Department electronically (Paper |
| opies of the proposed and thial order d | ocuments wi | il also be illa | med.) | |
| By my signature below I confirm | that I under | rstand: | | DEC 1 6 2019 |
| I am asking to use water specification | | | application. | |
| Evaluation of this application v | will be based | on informat | ion provided in the appli | ication. OWRD |
| I cannot use water legally until | | | | |
| | | | | y proposed well, unless the use is |
| exempt. Acceptance of this app | | not guaran | tee a permit will be issue | ed. |
| If I get a permit, I must not wa If development of the water up | | allow to the c | | |
| If development of the water us The water use must be compat | | | | bermit can be cancelled. |
| | | | | senior water-right holders to get |
| water to which they are entitle | | ay have to s | top using water to allow | senior water-right holders to get |
| | | | | |
| I (we) affirm that the inform | | | | |
| 023 | Gre | egory L. Bir | ngaman, Leasee of land | 12-12-2019 |
| Applicant Signature | | rint Name o | nd Title if applicable | Date |
| Applicant dignature | P | int ivalle al | id Title if applicable | Date |
| | | | | |
| Applicant Signature | P | rint Name a | nd Title if applicable | Date |

Groundwater - Page 1 Rev. 08-18

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. |
| 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

| | NAME OF NEAREST SURFACE WATER | IF LESS THAN 1 MILE: | |
|---------------|----------------------------------|--------------------------------------|--|
| WELL NO. | | DISTANCE TO NEAREST SURFACE WATER | ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD |
| UNIO 50684 | CANYON CREEK | 6300' | -60' |
| | | | RECEIVE |
| | | | DEC 16 2019 |
| | | | OWRD |
| | | | |
| | | | |

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.

| Groundwater | — Page 2 |
|-------------|------------|
| | Rev. 08-18 |

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 | | х | L-40696 | х | 18"-14" | SEE LOG | SEE LOG | SEE LOG | 3/2019 | BASALT | 3138' | 409 GPM C-89503 | 3.0 AC FT |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | • | | | | a water | | | | | | |

^{*} 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.

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

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For Department Use: App. Number: 6-1604

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^{**} 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.

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 <u>Attachment 3</u> 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.

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

DEC 16 2019

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

☐ Yes x No OWRD

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

For Department Use: App. Number: 6-10994

Groundwater — Page 4

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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 in | iformation, 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

DEC 16 2019

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

Yes x No

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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 pr | rimary 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 num | nber 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

| | If the use is domestic , indicate the number of households: (Exempt Uses: Please note that 15,000 gallons proposed 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 necessary): | m |
|----|--|-----------------------------|
| SE | CCTION 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 we and conveyance of water. Diversion will include the existing well and existing 150 HP motor and America Turbine pump. The well and pump supplies a 10" above ground steel mainline that crosses McDonald rose 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 of proposed land. New mainlines will distribute the water on the lands so that the corners will be irrigated. It may be a few wheel lines to irrigate the irregular portions of the land. | can ad in he n the |
| В. | 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. | |
| | 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 sur 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 1/1 is not enough water for some of the desirable crops to be grown. | rface |
| SE | CTION 7: PROJECT SCHEDULE RECEIVED | |
| | a) Date construction will begin: March 2020 b) Date construction will be completed: July 2022 c) Date beneficial water use will begin: June 2025 OWRD | |
| SE | CTION 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.

Groundwater — Page 6 Rev. 08-18

| NA Excavation or clearing of banks will be ke Note: If disturbed area is greater than one Environmental Quality to determine if a 1: Describe planned actions and additional prescribe. | acre, applicant should contact 200C permit is required. ermits required for project im | plementation: No banks to be |
|--|--|--|
| NA Other state and federal permits or contract List: | ts required and to be obtained | l, if a water right permit is granted: |
| SECTION 9: WITHIN A DISTRICT | | |
| Check here if the point of appropriation (Point irrigation or other water district. | OA) or place of use (POU) ar | e located within or served by an |
| 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.

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6-18894 For Department Use: App. Number: Rev. 08-18

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.

RECEIVED

x Map that includes the following items:

DEC 1 6 2019

- 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.)

OWRD

- x North Directional Symbol
- x Township, Range, Section, Quarter/Quarter, Tax Lots
- x Reference corner on map
- 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.

Land Use Information Form



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 | 1/4 1/4 | Tax Lot # | Plan Designation (e.g., Rural Residential/RR-5) | Water to be: | | Proposed Land Use: | |
|-----------|-------|------------|---------|----------------|--|--------------|------------|-----------------------|--|
| <u>2S</u> | 38E | 12 | | 2301 | EFU | ☑ Diverted | Conveyed | ☐ Used | |
| <u>2s</u> | 38E | 13 & 14 | | 3400 | EFU | Diverted | ○ Conveyed | ⊠ Used | |
| <u>2S</u> | 38E | 14 | | 3700 & 4000 | - EFU | Diverted | ☑ Conveyed | ☑ Used | |
| <u>2S</u> | 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 RECEIVED B. Description of Proposed Use OWRD 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 a 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. \rightarrow

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): VCZPSO Sec. 24.0/ ☐ 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 Cite Most Significant, Applicable Plan Policies & Land-Use Approval: (e.g., plan amendments, rezones, conditional-use Ordinance Section References permits, etc.) ☐ Obtained ☐ Being Pursued ☐ Denied ☐ Not Being Pursued ☐ Obtained ☐ Being Pursued ☐ Not Being Pursued ☐ Denied Obtained ☐ Being Pursued ☐ Denied ☐ Not Being Pursued ☐ Obtained ☐ Being Pursued ☐ Not Being Pursued ☐ Denied ☐ Obtained ☐ Being Pursued ☐ Not Being Pursued ☐ Denied 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. RECEIVED DEC 16 2019 Stacy Warren OWRD Title: Associate Planner

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: Phone: Date: Signature:

DEC 16 26

Margo Schlesser
Notary Public for Oregon
My commission expires Sept.

CHACH CEAL ERROL & CHITTENESTER NOTARY I CTC-CHEGON COMMISSION NO. 058044

MY COMMISSION EXPIRES SEPT. 29, 2000

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:

. . . .

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: The Figure William beputy.

DOC#: 992967

RCPT: 27303

6/02/1999 1:25 PM

REFUND:

35.00

.00

1 BLACKMAN

DEC 16 200 -

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Personally appeared the above named HELEN JEAN SPECKHART and accessisting the foregoing instrument to be her voluntary act. Before Motary Public for Oregon My Commission Expires: 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

I come to the walls instrument of writing was received for record on 19 day of Jeb 18 81 at 1 45 relock T M and recorded on page to book to be said County.

County County County to the Manne Tray

TWO--Bargain & Sale Deed

DEC 16 201

6-10094

RETURN TO:

Mannen Null Laurers POBon 477 97850

GRANTOR:

David Koza, 905 M Ave, La Grande, OR 97850

GRANTEES: TAXES TO: Stephen A. Koza, Teresa Jean Koza, and John D. Koza 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 | MAN | | | | |
|---|------------------------|---------------------------------|-------------|--|------------------|
| Dated this Z day of | MAY | , 2019 1 | 1/h | | RECEIVED |
| | | DAVID KOZ | A | | DEC 1 6 2019 |
| STATE OF OREGON |)) ss. | | | | OWRD |
| County of Union |) | | | | 0,,,, |
| On May 24th the foregoing instrument to be his vo | , 2019 oluntary act | , before me person and deed. | nally appea | ared David Koza, | and acknowledged |
| Wallen Daget | 1 | | | | |
| P.1 | | | | OFFICIAL STA WALLENE DAG NOTARY PUBLIC-O | GETT |

COMMISSION NO. 971526 MY COMMISSION EXPIRES FEBRUARY 15, 2022

EXHIBIT "A"

TRACT 1

TL. 40

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

TC 4/00

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

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

6C#: 20191270 CPT: 192377 95.00

5/28/2019 10:00 AM REFUND: .00 RECEIVED

DEC 16 2019

OWRD

Deputy.



re

tot

98781 M BARGAIN AND SALE DEED

HELEN JEAN SPECKHART conveys to SPECKHART PARMS, INC., all of

her right, title and interest in that real property described as:

TRACT I

TL "

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31

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

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 _____ day of February, 1981.

HELEN JEAN SPECKHART

30 STATE OF OREGON)

85:

RECEIVED

32 February ______, 198

COUNTY OF UNION

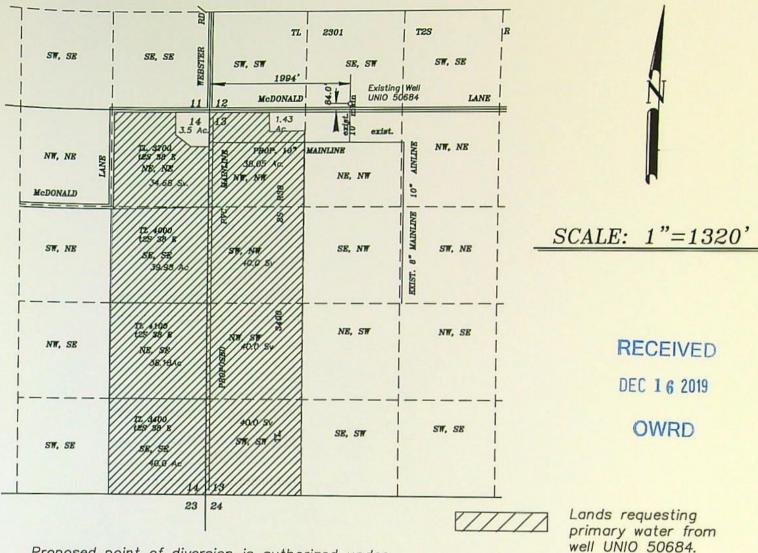
DEC 16 2019

ege ONE--Bargain & Sale Deed

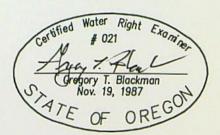
OWRD

6-10094

Page 1/1



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.



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.

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. | _ | | |

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,

12.2301

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.

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DEC 16 2019

OWRD

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.

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DEC 16 0019

OWRD

· 11-218824

After recording return to: Eastern Oregon Title, Inc. 1601 Adams Avenue La Grande, Oregon 97850 20113714

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 25day of November, 2011.

Elwyn D. Bingaman

RECEIVED

DEC 16 2019

STATE OF OREGON

COUNTY OF UNION

))ss.) OWRD

Signed or attested before me on this 5day of November, 2011 by Elwyn D. Bingaman.

Peg Schonbachler
Peg Schonbachler

Notary Public for the State of: Oregon

My commission expires: September 15, 2013

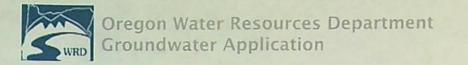
OFFICIAL SEAL

MARGARET N SCHONBACHLER

NOTARY PUBLIC-OREGON

COMMISSION NO. 442567

MY COMMISSION EXPIRES SEPTEMBER 15, 2013



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 |



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

(Moble)

Customer Service Representative

Oregon Water Resources Department

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.



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COPY

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(MADAL

Customer Service Representative

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