

Application for a Permit to Use Ground Water



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

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Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (www.oregon.gov/owrd/law). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. 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 \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. 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.

4. 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 IR, 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.

5. 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 \$350.00 for the applicant and \$700.00 for non-applicants. Protests are filed on approximately 10% 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.

6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

Application for a Permit to Use Ground Water



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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME TOM AND FAWN KERNS		PHONE (HM) 541-403-0824	
PHONE (WK)	CELL 541-403-0824	FAX	
ADDRESS 13974 LAUNCHPAD LANE			
CITY HAINES	STATE OR	ZIP 97833	E-MAIL* FAWNKERNS@GMAIL.COM

Organization Information

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

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

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

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Note: Attach multiple copies as needed

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

By my signature below I confirm that I understand:

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



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

[Signature]
Applicant Signature

[Signature]
Applicant Signature

Print Name and title if applicable

Print Name and title if applicable

3-10-16
Date

3-10-16
Date

For Department Use		
App. No. _____	Permit No. _____	Date _____

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.
 - This land is encumbered by easements, rights of way, roads or other encumbrances.
- No
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.
 - 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).
 - Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

Tim & Jan Kerns
45917 Quail Rd.
Haines, OR 97833

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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

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
Pond Well 2	Williams Creek	0.25 Miles	- 130 ft.
Pond Well 3	Williams Creek	0.15 Miles	-130 ft.

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*).

Pond well 2 is a well that I would like to drill for T-11993 that would relplace the existing well that is no longer producing the amount of water needed. I would also like to add Pond Well #3 also so that I

would be able to either use #2 or #3 or a combination of both wells. I would like to add primary acres and supplemental irrigation to additional acres with this application. I am applying for a total of 561.2 supplemental acres and 19.0 primary acres. I am asking for a total rate of 4.99 cfs which is at a smaller rate than normal. This amount of water would be sufficient to irrigate the ground at different times.

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Total maximum rate requested: 2239.5 gpm (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.

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)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
Pond Well 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	10"	0-100'	40'-100'	0-40'		Alluvial	100'	2239.5	3.0AF / AC
Pond Well 3	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	10"	0-100'	40'-100'	0-40'		Alluvial	100'	2239.5	3.0AF / AC
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									
	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>									

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

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

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

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
Irrigation	March 1 - October 31	3.0 AF / AC
Supplemental Irrigation	March 1 - October 31	3.0 AF / AC

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 19.0 Acres Supplemental: 561.2 Acres

List the Permit or Certificate number of the underlying primary water right(s): C-4333, C-82922, C-4331, C-4383, C-52844, C-80953

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 3.0 AF / AC

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____
If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

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SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

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

Pump (give horsepower and type): I plan on installing a submersible 100 horsepower pump in both wells.

Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. I plan on having a buried main line for the wells that will allow me to irrigate the entire piece of property.

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler) Some of the grounds under this application currently have center pivots and I will continue to use those pivots for the main source of irrigation. The other ground will have either center pivots installed or wheel lines for irrigation.

C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

I am requesting total of 4.99 cubic feet per second. This amount would be sufficient to run a center pivot or wheel lines and would allow me to irrigate the entire property with less water. I would be installing sprinklers on some of the ground that is currently irrigated by flood irrigation, which is a conservation of

water. I will install a flow meter on each of the wells to monitor and record the amount of water used. All of the water will be diverted into a pipeline system so the waste will be little to none from the wells sites to the irrigated ground. There will be no damage to aquatic life or riparian habitat or any commingling of the ground water or surface water due to the mainline pipe system that will be installed.

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: N/A Acreage inundated by reservoir: N/A

Use(s): N/A

Volume of Reservoir (acre-feet): N/A Dam height (feet, if excavated, write "zero"): N/A

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE
N/A	N/A

SECTION 8: PROJECT SCHEDULE

Date construction will begin: Spring 2016
 Date construction will be completed: Spring 2021
 Date beneficial water use will begin: Spring 2022

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SECTION 9: WITHIN A DISTRICT

Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

Williams Creek and Hunt Creek are seasonal creeks that only run during early spring and snow melt. The actual flow of the creek disappears up high on the timber ground. Please see attached remarks from Rick Lusk, Watermaster Dist. 8.

Also please see the attached water level measurements and well logs from wells in the surrounding areas. The water level measurements were conducted by state well inspector, Bob Maynard.

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Land Use Information Form



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NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and **all** of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; **and**
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

Land Use Information Form

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

Applicant(s): Tom & Fawn Kerns

Mailing Address: 13974 Launchpad Ln.

City: Haines

State: OR

Zip Code: 97833

Daytime Phone: 541-403-0824

A. Land and Location

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

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
<u>8S</u>	<u>38E</u>	<u>13</u>	<u>SENW, SWNE, SENE, NWSE, NESE</u>	<u>2600</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>38E</u>	<u>13</u>	<u>SWSW, SESW, SWSE</u>	<u>2701</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>38E</u>	<u>24</u>	<u>NWNE</u>	<u>2701</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>38E</u>	<u>13</u>	<u>SESE</u>	<u>2700</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>38E</u>	<u>24</u>	<u>NENE</u>	<u>2700</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>39E</u>	<u>19</u>	<u>NWNW, NENW</u>	<u>100</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>39E</u>	<u>19</u>	<u>SWNW, SENW</u>	<u>200</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>39</u>	<u>18</u>	<u>SWNW, NWSW</u>	<u>200,203</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>
<u>8S</u>	<u>39</u>	<u>18</u>	<u>SENW, NESW</u>	<u>300</u>	<u>EFU</u>	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	<u>Irrigation</u>

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

Baker County

B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 3.0

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:

I would like to drill a new well for primary and supplemental irrigation.

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. →

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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

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

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

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

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Name: Eva Ceder Title: Senior Planner
 Signature: [Signature] Phone: 541-523-8219 Date: 02/20/2016
 Government Entity: Baker County Planning Department

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

Receipt for Request for Land Use Information

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

ES

NO PART OF ANY STEVENS-NESS FORM MAY BE REPRODUCED IN ANY FORM OR BY ANY ELECTRONIC OR MECHANICAL MEANS.



Tim L. & Janice L. Kerns
43917 Quail Road
Haines, OR 97833
Grantor's Name and Address
Thomas L. & Fawn A. Kerns
13974 Launchpad Ln.
Haines, OR 97833
Grantee's Name and Address
After recording, return to (Name, Address, Zip):
Thomas L. & Fawn A. Kerns
13974 Launchpad Ln.
Haines, OR 97833
Until requested otherwise, send all tax statements to (Name, Address, Zip):
Thomas L. & Fawn A. Kerns
13974 Launchpad Ln.
Haines, OR 97833

B06 04 0166

STATE OF OREGON,
County of Baker } ss.

I certify that the within instrument was received for record on _____ at _____ o'clock _____ M., and recorded in book/reel/volume No. _____ on page _____ and/or as fee/file/instrument/microfilm/reception No. _____, Records of said County.

Witness my hand and seal of County affixed.

SPACE RESERVED FOR RECORDER'S USE

NAME TITLE

By _____, Deputy.

BARGAIN AND SALE DEED

KNOW ALL BY THESE PRESENTS that Tim L. & Janice L. Kerns

hereinafter called grantor, for the consideration hereinafter stated, does hereby grant, bargain, sell and convey unto Thomas L. and Fawn A. Kerns

hereinafter called grantee, and unto grantee's heirs, successors and assigns, all of that certain real property, with the tenements, hereditaments and appurtenances thereunto belonging or in any way appertaining, situated in Baker County, State of Oregon, described as follows, to-wit:
See Exhibit A attached

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DEC 23 2015

SALEM, OR

(IF SPACE INSUFFICIENT, CONTINUE DESCRIPTION ON REVERSE)

To Have and to Hold the same unto grantee and grantee's heirs, successors and assigns forever.

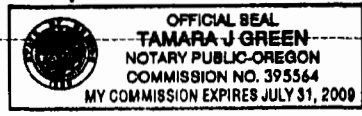
The true and actual consideration paid for this transfer, stated in terms of dollars, is \$ 1 (one dollar). However, the actual consideration consists of or includes other property or value given or promised which is ~~part of the~~ the whole (indicate which) consideration. (The sentence between the symbols Φ , if not applicable, should be deleted. See ORS 93.030.)

In construing this deed, where the context so requires, the singular includes the plural, and all grammatical changes shall be made so that this deed shall apply equally to corporations and to individuals.

IN WITNESS WHEREOF, the grantor has executed this instrument on 1-25-06; if grantor is a corporation, it has caused its name to be signed and its seal, if any, affixed by an officer or other person duly authorized to do so by order of its board of directors.

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER CHAPTER 1, OREGON LAWS 2005 (BALLOT MEASURE 37 (2004)). 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 APPROVED USES, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.830 AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER CHAPTER 1, OREGON LAWS 2005 (BALLOT MEASURE 37 (2004)).

Janice L. Kerns
Tim L. Kerns



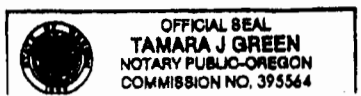
STATE OF OREGON, County of Baker) ss.

This instrument was acknowledged before me on January 23, 2006
by Janice L. Kerns

This instrument was acknowledged before me on January 25, 2006
by Tim L. Kerns

as _____
of _____

G-1019



Tamara J Green
Notary Public for Oregon
My commission expires 7/31/09

EXHIBIT "A"

Lot line adjustment between

Tim L. and Janice L. Kerns (grantor) and Thomas L. and Fawn A. Kerns (grantee)

A 5.62 acre (m/l) triangular parcel of land in Baker County, Oregon as follows:
Twp. 8S, R39E, W.M.;
Sec. 18: SW ¼ of the NW ¼

More particularly described as a parcel of land beginning at the NW corner of the SW ¼ of the NW ¼ of said Sec. 18;
thence south along the west line of the SW ¼ of the NW ¼, 700 feet;
thence northeasterly to a point on the north line of the SW ¼ of the NW ¼, and is 700 feet east of the point of beginning;
thence west 700 feet along the north line of the SW ¼ of the NW ¼ to the point of beginning.

Conditions of Approval

TL 200 (conveys to ~~TL 2600~~) the property described in Exhibit "A" (a legal description of the portion of TL 200 conveyed to Parcel #1) as the property line adjustment. No new parcel is to be created as a result of this conveyance. The purpose of this instrument is to increase the area of TL 2600 and to decrease the area of TL 200 through conveyance of the property described in Exhibit "A".

#91152
B0604 0166
STATE OF OREGON, County of Baker, SS
I certify that the within instrument was
received for the record on the 25 day of
JAN, 2016, at 12:15 o'clock
P.M.
Witness my hand and seal of County affixed,
Name: Janice L. Kerns Title: Deputy
By: Thomas L. Kerns Deputy
\$31.00 CK

RECEIVED BY OWRD

DEC 23 2015

SALEM, OR

92 23 063

WARRANTY DEED

FOR VALUE RECEIVED, IDAHO TIMBER CORPORATION OF OREGON, INC., the Grantor, does hereby grant, bargain, sell and convey unto TIM L. KERNS and JANICE L. KERNS, husband and wife, the Grantees, the following described premises, to-wit:

SEE EXHIBIT "A" attached hereto and made a part hereof by reference as if set forth at length.

TO HAVE AND TO HOLD the said premises, with their appurtenances, unto the said Grantees, their heirs and assigns forever. And the said Grantor does hereby covenant to and with the said Grantees that it is the owner in fee simple of said premises; that said premises are free from all encumbrances except current taxes and assessments, easements, restrictions and reservations of record and as may appear on the ground and as are further specifically identified in that certain Preliminary Title Report dated April 3, 1992, File No. T00005746A, issued by Elkhorn Title Company, and subject to that certain Timber Reservation Agreement dated the 5th day of June, 1992, and recorded as Instrument No. 92 23 057 Deed records of Baker County, Oregon, and that Grantor will warrant and defend the same from all lawful claims whatsoever.

The officers who sign this deed hereby certify that this deed and the transfer represented thereby was duly authorized under a resolution duly adopted by the board of directors of the Grantor at a lawful meeting duly held and attended by a quorum.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

The true and actual consideration for this conveyance is \$480,000.00.

Until a change is requested, all tax statements are to be sent to Grantees at Route 1, Box 30A, Haines, OR 97833.

DATED this 5th day of June, 1992.

IDAHO TIMBER CORPORATION
OF OREGON, INC.

By Jack Adkins
Jack Adkins

RECEIVED BY OWRD

MAR 14 2016

SALEM, OR

RECEIVED BY OWRD

DEC 23 2015

SALEM, OR

G-18(8)
WARRANTY DEED

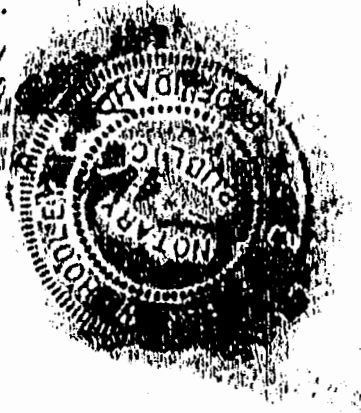
92 23 064

STATE OF IDAHO)
) ss.
County of Ada)

On this 23rd day of June, 1992, before me, the undersigned, a Notary Public in and for said State, personally appeared JACK ADKINS, known or identified to me to be Secretary of IDAHO TIMBER CORPORATION OF OREGON, INC., the corporation that executed the within instrument or the person who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

[Signature]
Notary Public for Idaho
Residing at Boise, Idaho
My commission expires



RECEIVED BY OWRD

DEC 23 2015

SALEM, OR

WARRANTY DEED

G-18121

92 23 065

File No. T00005746A

EXHIBIT "A"

IN TOWNSHIP 8 SOUTH, RANGE 38 EAST of the Willamette Meridian, in the County of Baker and State of Oregon:

Section 10: Lots 1, 2, 3, 4, and the South half of the Northwest quarter

Section 11: Lot 1; the East half of Lot 2; the South half; the South half of the Northeast quarter; and the Southeast quarter of the Northwest quarter.

Section 12: The Southwest quarter; the South half of the North half; and the West half of the Southeast quarter.

Section 13: The North half of the Southwest quarter; the Southwest quarter of the Northwest quarter; the Northeast quarter of the Northwest quarter; and the Northwest quarter of the Northeast quarter.

Section 14: Lots 2, 4 and 5, and the North half of the Northwest quarter.

IN TOWNSHIP 8 SOUTH, RANGE 39 EAST of the Willamette Meridian in the County of Baker and State of Oregon:

Section 7: The South half of Lot 2 of the Northwest quarter (the Southwest quarter of the Northwest quarter).

Section 18: The South half of Lot 1 of the Northwest quarter (the Southeast quarter of the Northwest quarter);

The South half of Lot 2 of the Northwest quarter (the Southwest quarter of the Northwest quarter);

The North half of Lot 1 of the Southwest quarter (the Northeast quarter of the Southwest quarter); and

The North half of Lot 2 of the Southwest quarter (the Northwest quarter of the Southwest quarter).

Section 28: AND UNDIVIDED 14/131 INTEREST in the Northwest quarter.

RECEIVED BY OWRD

MAR 14 2016

SALEM, OR

RECEIVED BY OWRD 6989

DEC 23 2015

SALEM, OR

ETC
Chg 35.00

STATE OF OREGON, County of Baker, ss
I certify that the within instrument was
recorded for the record on the 5th day of
June 1992 at 4:33 o'clock
P.M.

Witness my hand and seal of Court, at Salem,
Oregon, this 5th day of June, 1992.
Julia Woods, Co. Clerk
By Georgia E. Watterman

G-18181

WARRANTY DEED

92 19 110

KERNS LAND CO., an Oregon Corporation, grantor, conveys and warrants to TIM L. KERNS and JANICE L. KERNS, husband and wife, grantees, the following described real property free of encumbrances except as specifically set forth herein:

In Twp. 8 S., Rge. 38 E., W.M., Baker County, Oregon, as follows:

Sec. 13: S½NE¼, SE¼, S½SW¼, SE¼NW¼.

Sec. 24: NW¼NE¼.

**NE¼NE¼, N½SE¼NE¼, EXCEPTING THEREFROM the following:
Beginning at the Southwest corner of said NE¼NE¼;
thence N. 70° 50' 43" E., 953.34 feet;
thence S. 22° 58' 29" E., 1059.55 feet to the Southeast corner of
said N½SE¼NE¼;
thence S. 89° 54' 30" W., 1309.63 feet to the Southwest corner of
said N½SE¼NE¼;
thence N. 00° 23' 16" W., 664.68 feet to the point of beginning.**

In Twp. 8 S., Rge. 39 E., W.M., Baker County, Oregon, as follows:

Sec. 18: The South half of Lot 1 of the SW¼ (SE¼SW¼).

The South half of Lot 2 of the SW¼ (SW¼SW¼).

Sec. 19: The North half of Lot 1 of the NW¼ (NE¼NW¼).

The North half of Lot 2 of the NW¼ (NW¼NW¼).

**The North half of the South half of Lot 1 of the NW¼
(N½SE¼NW¼).**

**The North half of the South half of Lot 2 of the NW¼
(N½SW¼NW¼).**

TOGETHER WITH the tenements, hereditaments and appurtenances thereunto belonging or appertaining.

SUBJECT TO easements and restrictions of record or as the same are located thereon and mortgages of record, which grantees assume and agree to pay.

The true consideration for this conveyance is \$-0-

**In WITNESS WHEREOF, grantor has caused its name to be signed and seal affixed by its officers, duly authorized thereto by order of its board of directors, on
May 11, 1992**

Tim L. Kerns

President

Janice L. Kerns

Secretary

RECEIVED BY OWRD

DEC 23 2015

SALEM, OR



THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

STATE OF OREGON, County of Baker) ss May 11, 1992

The foregoing instrument was acknowledged before me by Tim L. Kerns, President, and Janice L. Kerns, Secretary, of Kerns Land Co., an Oregon Corporation, who, being duly sworn, each for himself and herself and not one for the other, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors; and each of them acknowledged said instrument to be its voluntary act and deed.



John L. Jacobson
Notary Public for Oregon
My commission expires: 8-13-93

Grantor:

Kerns Land Co.
Rt. 1, Box 30A, Haines, OR 97833

Grantees:

Tim L. Kerns and Janice L. Kerns
Rt. 1, Box 30A, Haines, OR 97833

Tax Statements to:

Tim L. Kerns and Janice L. Kerns
Rt. 1, Box 30A, Haines, OR 97833

After recording, return to:

John L. Jacobson
POB 719, Baker City, OR 97814

RECEIVED BY OWRD

DEC 23 2015

SALEM, OR

RECEIVED BY OWRD

MAR 14 2016

SALEM, OR

16588

pub 30.0000

STATE OF OREGON, County of Baker, SS
I certify that the within instrument was received for the record on the 12th day of May, 1992 at 11:30 o'clock

Witness my hand and seal of County affixed.

John L. Jacobson
By _____ Deputy

WARRANTY DEED

TIM L. KERNS and JANICE L. KERNS, husband and wife, grantors, convey and warrant to TOM L. KERNS, aka Thomas L. Kerns, and FAWN A. KERNS, husband and wife, grantees, the following described real property free of encumbrances except as specifically set forth herein:

Land in Baker County, Oregon, as follows:

In Twp. 8 S., Rge. 38 E., W.M.:

Sec. 13: S 1/4 NE 1/4; SE 1/4 NW 1/4; N 1/2 SE 1/4; SW 1/4 SE 1/4; S 1/2 SW 1/4.
Sec. 24: NW 1/4 NE 1/4.

In Twp. 8 S., Rge. 39 E., W.M.:

An undivided 22/131 interest in Sec. 28: NW 1/4.

TOGETHER WITH the tenements, hereditaments and appurtenances thereunto belonging or appertaining.

SUBJECT TO easements of record or as the same are located thereon.

The true consideration for this conveyance is \$146,697

DATED: June 3, 1992

RECEIVED BY OWRI

DEC 23 2015

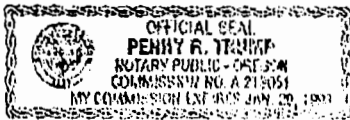
SALEM, OR

Tim L Kerns _____ *Janice L Kerns* _____

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES.

STATE OF OREGON, County of Baker) ss June 3, 1992

The foregoing instrument was acknowledged before me by Tim L. Kerns and Janice L. Kerns.



G-1818

Penny R. Truitt _____
Notary Public for Oregon
My commission expires: 1/20/93

Grantors: Tim L. Kerns and Janice L. Kerns
Rt. 1, Box 30A Haines, OR 97833

Grantees: Tom L. Kerns and Fawn A. Kerns
Rt. 1, Box 11A, Haines, OR 97833

Tax Statements to: Tom L. Kerns and Fawn A. Kerns
Rt. 1, Box 11A, Haines, OR 97833

After recording, return to:
Elkhorn Title

STATE OF OREGON, County of Baker, ES
I certify that the above instrument was received for the record on this 5th day of June, 1992 at 4:33 o'clock P.M.

Witness my hand and seal of County at Salem
Julia Woods, Co. Clerk
By *Georgia E. Hatten* Deputy

06972

ETC
chg 25.00

Pen. 0524 838 2600; 07330 & Pen. 0524 838 2700; 07335 & 0532 839 6900; 08501

INTEROFFICE MEMO
WATERMASTER DISTRICT # 8
Water Resources Department
Phone: (541) 523-8224
E-mail: Rick.M.LUSK@wrd.state.or.us

TO: Application File for New Groundwater Permit for Tom and Fawn Kerns appurtenant to lands in T 8 S, R 38 E, sections 13 and 24 and T 8 S, R 39 E, sections 18 and 19

DATE: February 29, 2016

FROM: Rick Lusk *RML*

SUBJECT: Hunt and Williams Creek Flows

On February 22, 2016 I performed a field inspection of the above lands to determine the seasonality of Hunt and Williams Creek. No flow was seen in Williams Creek along Lone Pine Road or in Hunt Creek. Evidence from the inspection indicates Hunt and Williams Creek are intermittent flowing streams. Watermaster District 8 does not regulate on Hunt or Williams Creek. I believe a new groundwater permit could be issued for a use of groundwater less than 5.0 cfs. The new right would not injure creek flows in this area.

RECEIVED BY OWRD

MAR 14 2016

SALEM, OR

RECEIVED BY OWRD

MAR 14 2016

February 24, 2016 SALEM, OR

All SWLs taken by Robert D Maynard with the assistance of Marcy Osborn on 2/24/2016
None of the wells had been pumping to my knowledge

Well #1

16-inch steel cased well located at N 44.86145 W -117.98324 8S 39E sec 19 NE-NW
Measuring point is 1.98 ALS, SWL is 31.55 BLS
SWL = 29.57 BLS
Note: this well has water cascading into well

Well #2

10-inch steel cased well located at N 44.87215 W -117.98457 8S 39E sec 18 SE-NW
Well ID tag # 109107
Unable to get a SWL measurement, pump column was up against inspection port, no access
Well does have airline, do not have equipment of information of airline depth to use it

Well #3

10-inch steel cased well located at N 44.87274 W -117.98883 8S 39E sec 18 NW NW
Measuring point is .55 ALS, SWL is 125.60 BLS
SWL= 125.05 BLS

Well #4 (I think this may be a well net well)

8-inch steel cased well located at N 44.85479 W -117.98264 8S 39E sec 19 SW-NE
Measuring point is .95 above concrete floor, SWL is 39.94 BLS
SWL= 38.99 BLS

Well #5

14-inch steel cased well located at N 44.86878 W -117.97802 8S 39E sec 18 SE-NE
Well ID tag # 75771
Unable to get a good SWL measurement, well was oil fowled

Well #6

10-inch steel cased well located at N 44.86879 W -117.97593 8S 39E sec 18 SE-NE
Well ID tag # 113685
This well has a dedicated measuring tube installed
Measuring point is 2.50 ALS, SWL is 129.02 ~~ALS~~ BLS
SWL= 126.52



STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

BAKE 52293

WELL I.D. LABEL# 109107
START CARD # 1021425
ORIGINAL LOG # BAKER 52261

11/4/2013

(1) LAND OWNER
Owner Well I.D.
First Name TOM Last Name KERNS
Company
Address 13974 LAUNCHPAD LANE
City HAINS State OR Zip 97833

(2) TYPE OF WORK
New Well Deepening Conversion
[X] Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing:
Material From To Amt sacks/lbs
Seal:

(3) DRILL METHOD
[X] Rotary Air Rotary Mud Cable Auger Cable Mud
Reverse Rotary Other

(4) PROPOSED USE
Domestic Irrigation Community
Industrial/ Commercial Livestock Dewatering
Thermal Injection Other

(5) BORE HOLE CONSTRUCTION
Special Standard (Attach copy)
Depth of Completed Well ft.
BORE HOLE
Dia From To Material SEAL From To Amt sacks/lbs

How was seal placed: Method A B C D E
Other
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: Yes Type Amount

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
Shoe Inside Outside Other Location of shoe(s)
Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method Holt perforator
Screens Type Material
Perf/ Casing/Screen Scrn/slot Slot # of Tele/
Screen Liner Dia From To width length slots pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
Temperature 54 °F Lab analysis Yes By
Water quality concerns? Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County BAKER Twp 8.00 S N/S Range 39.00 E E/W WM
Sec 18 SW 1/4 of the NW 1/4 Tax Lot 200
Tax Map Number Lot
Lat " or " DMS or DD
Long " or " DMS or DD
Street address of well Nearest address
13974 LAUNCHPAD LANE

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration 10/17/2013 125
Completed Well 10/22/2013 125
Flowing Artesian? Dry Hole?

WATER BEARING ZONES
Depth water was first found
SWL Date From To Est Flow SWL(psi) + SWL(ft)

(11) WELL LOG
Ground Elevation
Material From To
RECEIVED BY OWRD
MAR 14 2016
SALEM, OR

Date Started 10/17/2013 Complete 10/22/2013
(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, 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.
License Number Date
Signed

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, 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.
License Number 1606 Date 11/4/2013
Signed JOHN MARCIEL (E-filed)
Contact Info (optional)

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

BAKE 52261

WELL I.D. LABEL# L 109107
START CARD # 208399
ORIGINAL LOG #

5/8/2013

(1) LAND OWNER Owner Well I.D. _____
First Name TOM Last Name KERNS
Company _____
Address 13974 LAUNCHPAD LANE
City HAINES State OR Zip 97833

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
Dia + From To Gauge Stl Plstc Wld Thrd
Casing: _____
Material From To Amt sacks/lbs
Seal: _____

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
Depth of Completed Well 657.00 ft.
BORE HOLE SEAL sacks/
Dia From To Material From To Amt lbs
14 0 28 Bentonite 0 28 23 S
12 28 337
10 337 657

How was seal placed: Method A B C D E
 Other POURED BENTONITE
Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____
Explosives used: Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
Proposed Amount Actual Amount

(6) CASING/LINER
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd
10 2 337 250
8 317 657 250
Shoe Inside Outside Other Location of shoe(s) 237
Temp casing Yes Dia 14 From 0 To 18

(7) PERFORATIONS/SCREENS
Perforations Method Air/Torch
Screens Type _____ Material _____
Perf/ Casing/ Screen Dia From To Scrm/slot Slot # of Tel/
Screen Liner Dia From To width length slots pipe size
Perf Casing 10 205 310 .125 1 3150
Perf Casing 8 327 655 .125 12 420

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)
700 300 4
Temperature 54 °F Lab analysis Yes By _____
Water quality concerns? Yes (describe below) TDS amount
From To Description Amount Units

(9) LOCATION OF WELL (legal description)
County BAKER Twp 8.00 S N/S Range 39.00 E E/W WM
Sec 18 SW 1/4 of the NW 1/4 Tax Lot 200
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
 Street address of well Nearest address
13974 LAUNCHPAD LANE

(10) STATIC WATER LEVEL
Date SWL(psi) + SWL(ft)
Existing Well / Pre-Alteration _____
Completed Well 4/10/2013 _____ 107
Flowing Artesian? Dry Hole?
WATER BEARING ZONES Depth water was first found 185.00
SWL Date From To Est Flow SWL(psi) + SWL(ft)
4/10/2013 185 642 700 107

(11) WELL LOG Ground Elevation _____
Material From To
Top Soil 0 3
Brown Clay 3 14
Brown Clay & Gravels 14 175
Gravels & Sands w/brown clay seams 175 642
Dark Brown Clay 642 657
RECEIVED BY OWRD
MAR 14 2016
SALEM, OR

Date Started 3/19/2013 Complete 4/10/2013

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

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, 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.
License Number 1640 Date 5/7/2013
Signed JEFF STOFFEL (E-filed)
Contact Info (optional) Jeff Stoffel

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

WELL I.D. # L 75771

START CARD # 172617

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

(1) LAND OWNER Well Number _____
Name Virgil Berger
Address 4494 Schoolhouse Rd
City HAINES State OR Zip 97833

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well 639 ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE		SEAL		Sacks or Pounds
Diameter	From To	Material	From To	
8"	425' 439'	N/A		
14"	0 400'	Existing well		

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

Backfill placed from _____ ft. to N/A Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 8"	392'	439'	2.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) 639 Ring Bit 8"

(7) PERFORATIONS/SCREENS
 Perforations Method 17" Perf.
 Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
420'	600'	1/2"	350		8"	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
600		380'	

Temperature of water 57 Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL (legal description)
County Baker
Tax Lot 409 Lot _____
Township 3S N or S Range 39E E or W WM
Section 19 SE 1/4 NE 1/4
Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) 4494 Schoolhouse Rd HAINES OR

(10) STATIC WATER LEVEL
122 ft. below land surface. Date 4-14-05
182' ft. below land surface. Date 4-19-05
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
400	570	600	125'

(12) WELL LOG Ground Elevation _____

Material	From	To	SWL
Brown Clay & Gravel	425'	450'	
Brown Clay	450'	460'	
Brown Clay & Gravel	460'	5610'	
Thin Clay & Coarse Sand	540'	570'	122'
Red Brown Clay & Gravel	570'	639'	122'

RECEIVED BY OWRD
APR 27 2005 MAR 14 2016
WATER RESOURCES DEPT SALEM, OREGON SALEM, OR

Date Started 4-14-05 Completed 4-19-05

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, 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 1737 Date 4-25-05

Signed [Signature]

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment of 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 415 Date 4-25-05

Signed [Signature]

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

BAKE 52334

3/25/2014

WELL I.D. LABEL # L

START CARD #

ORIGINAL LOG #

113685
1022426

(1) LAND OWNER Owner Well I.D. _____
 First Name VIRGIL Last Name BORGER
 Company _____
 Address 44941 SCHOOLHOUSE RD
 City HAINES State OR Zip 97833

(2) TYPE OF WORK New Well Deepening Conversion
 Alteration (complete 2a & 10) Abandonment (complete 5a)

(2a) PRE-ALTERATION
 Dia + From To Gauge Stl Plstc Wld Thrd
 Casing: _____
 Material From To Amt sacks/lbs
 Seal: _____

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable Auger Cable Mud
 Reverse Rotary Other _____

(4) PROPOSED USE Domestic Irrigation Community
 Industrial/ Commercial Livestock Dewatering
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 580.00 ft.
 BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
14	0	22	Bentonite Chips	0	22	13	S
12	22	580					

How was seal placed: Method A B C D E
 Other POURED DRY
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from _____ ft. to _____ ft. Material _____ Size _____
 Explosives used: Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE
 Proposed Amount _____ Actual Amount _____

(6) CASING/LINER

Casing	Liner	Dia	+ From To Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10	<input checked="" type="checkbox"/> 2 580 0.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

 Shoe Inside Outside Other Location of shoe(s) _____
 Temp casing Yes Dia 14 From 0 To 22

(7) PERFORATIONS/SCREENS
 Perforations Method AIR KNIFE
 Screens Type _____ Material _____

Perf/Screen	Casing/Screen	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tel/pipe size
Perf	Casing	10	220	260	.125	1	1440	
Perf	Casing	10	280	305	.125	1	900	
Perf	Casing	10	320	460	.125	1	5040	
Perf	Casing	10	495	520	.125	1	900	
Perf	Casing	10	540	580	.125	1	1440	

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
 Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

700		570	3.5
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 Temperature 54 °F Lab analysis Yes By _____
 Water quality concerns? Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
 County BAKER Twp 8.00 S N/S Range 39.00 E E/W WM
 Sec 18 SE 1/4 of the NE 1/4 Tax Lot 100
 Tax Map Number _____ Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
 Street address of well Nearest address
 44941 SCHOOLHOUSE RD HAINES

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration Completed Well	Date	SWL(psi)	+ SWL(ft)
	3/21/2014		116

 Flowing Artesian? Dry Hole?
 WATER BEARING ZONES Depth water was first found 185.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
3/7/2014	222	267	120		116
3/11/2014	284	308	100		116
3/12/2014	322	466	400		116
3/13/2014	492	519	100		116
3/14/2014	546	580	150		116

(11) WELL LOG Ground Elevation _____

Material	From	To
SOIL	0	4
BROWN CLAY, GRAVEL, SAND	4	185
GRAVEL, BROWN CLAY	185	222
GRAVEL, SAND	222	267
GRAVEL, BROWN CLAY, SAND	267	284
GRAVEL, SAND	284	308
BROWN CLAY, GRAVEL, SAND	308	322
GRAVEL, SAND, BROWN CLAY SEAMS	322	466
SAND, GRAVEL, BROWN CLAY HARD	466	490
GRAVEL, SAND, BROWN CLAY	490	521
SAND, GRAVEL, BROWN CLAY HARD	521	546
GRAVEL, SAND	546	580

Date Started 3/6/2014 Complete 3/21/2014

(unbonded) Water Well Constructor Certification
 I certify that the work performed on the construction, deepening, 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.
 License Number _____ Date _____

Signed SALEM, OR

(bonded) Water Well Constructor Certification
 I accept responsibility for the construction, deepening, 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.
 License Number 1775 Date 3/25/2014

Signed JASON ACQUISTAPACE (E-filed)
 Contact Info (optional) _____

