

Partial
ASSIGNED

G-16381

Name _____

By CHAD BRADACH

Address 65443 HWY 78
BURNS OR 97720

C15

Priority _____

County _____ WM# _____

RELATED FILES

DEVELOPMENT Date _____

Completion 10-1-2010

Extended to 10-1-2015

COBA - 11/6/2011 Koehn

Final Proof received COBA 6/3/2016

proposed Cert. Mailed 3/6/2020

cert. issued: 6/9/2020

Application No. **G16381**

Permit No. G-17374 G-15986 G-17313

Certificate No. 95091

Date _____

DENIED _____

MISFILED _____

VOLUME _____

PAGE _____

WITHDRAWN _____

CANCELLED _____

FEES PAID		
Date	Amount	Receipt No.
<u>2/3/05</u>	<u>700.00</u>	<u>72547</u>
<u>9/27/05</u>	<u>250.00</u>	<u>77652</u>
<u>11-13-09</u>	<u>500.00</u>	<u>98512</u>
<u>8/18/14</u>	<u>85.00</u>	<u>113127</u>
<u>6/3/16</u>	<u>175.00</u>	<u>120033</u>
<u>11/8/17</u>	<u>175.00</u>	<u>122289</u>

FEES REFUNDED		
Date	Amount	Receipt No.

ASSIGNMENTS

Date	To Whom	Address
<u>8/18/14</u>	<u>Cameron and Rachel Koehn</u> <u>67625 Newton Rd.</u> <u>Burns, OR 97720</u>	

PUMP TEST
8/16/2016
APPROVED

REMARKS

T-11883 Δ APOA v. 93 pg. 942

T-11940 Δ POA, POU v. 95 p. 831-833

MAP LOCATION _____

G-16381
CHAD BRADACH
65268 HWY 205
BURNS OR 97720

G-16381
CAMERON & RACHEL KOEHN
67625 NEWTON RD
BURNS OR 97720

Mailing List for Final Certificate

Application: G-16381

Permit: G-17374

Certificate: 95091

Permit/Certificate Holder:

CAMERON L. KOEHN
RACHEL A. KOEHN
67625 S NEWTON RD
BURNS OR 97720

CHAD BRADACH
65268 HWY 205
BURNS, OR. 97720

Is the Permit Holder(s) of record currently identified as a landowner of any tax lots involved as confirmed by the County records? **YES**

Copies of Final Certificate to be sent to:

1. Watermaster District #: 10
2. Water Availability
3. Vault
4. File

Other persons to receive copies: (include map):

1. DeJarnatt Land Surveys Inc.
Gary DeJarnatt, CWRE
20735 Double Peaks Dr.
Bend, OR. 97701-8715
2. All Points Engineering and Surveying Inc.
Scott Montgomery, CWRE
PO Box 767
Terrebonne, OR. 97760
3. John Short, Agent
PO Box 1830
Bend, OR. 97709

Copies Mailed

by: TM
(STAFF)

on: 6/9/2020
(DATE)



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Ste A

Salem, OR 97301

Phone: 503-986-0900

Fax: 503-986-0904

www.Oregon.gov/OWRD

DATE MAILED: JUN 09 2020

NOTICE OF CERTIFICATE ISSUANCE

The attached certificate confirms the water right established under the terms of a permit issued by this Department. The water right is now appurtenant to the specific place where the use was established as described by the certificate. The water right is limited to a specific amount of water, but not more than can be beneficially used for the purposes stated within the certificate.

The certificate is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

Oregon law does not allow the Director to reissue a certificate because of a change in the ownership of the appurtenant place of use. The water must be controlled and not wasted. To change the location of the point of diversion, the character of use, or the location of use requires the advance approval of the Water Resources Director.

If any portion of this water right is not used for five or more consecutive years that portion of the right may be subject to forfeiture according to ORS 540.610. Land enrolled in a Federal Reserve Program is not subject to forfeiture during the period of enrollment. Other exceptions to forfeiture are explained in ORS 540.610.

If you have any questions please contact Gerry Clark at 503-986-0811.

STATE OF OREGON
COUNTY OF HARNEY
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CHAD BRADACH
65268 HWY 205
BURNS OR 97720

CAMERON L. KOEHN
RACHEL A. KOEHN
67625 S NEWTON RD
BURNS OR 97720

confirms the right to the use of water perfected under the terms of Permit G-17374. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-16381

SOURCE OF WATER: FOUR WELLS IN MALHEUR SLOUGH BASIN

PURPOSE or USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND (CFS) BETWEEN THE WATER USERS; FURTHER LIMITED AS FOLLOWS:

BRADACH – 1.5 CFS; BEING 1.05 CFS FOR WELL 4 AND 1.05 CFS FOR BRADACH WELL 5, IN ANY COMBINATION BETWEEN THE WELLS, NOT TO EXCEED 1.5 CFS

KOEHN – 1.5 CFS; BEING 1.5 CFS FROM WELL 1 AND 1.5 CFS FROM WELL 2, EACH OR IN ANY COMBINATION NOT TO EXCEED 1.5 CFS

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: FEBRUARY 24, 2005

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
24 S	33 E	WM	8	NE NW	WELL 1 - 780 FEET SOUTH AND 1890 FEET EAST FROM NW CORNER, SECTION 8
24 S	33 E	WM	8	NE NW	WELL 2 - 1090 FEET SOUTH AND 1520 FEET EAST FROM NW CORNER, SECTION 8
24 S	33 E	WM	8	SE SW	WELL 4 - 730 FEET NORTH AND 1945 FEET EAST FROM SW CORNER, SECTION 8
24 S	33 E	WM	17	SE NW	WELL 5 (BRADACH) - 1325 FEET SOUTH AND 1365 FEET EAST FROM NW CORNER, SECTION 17

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

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The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The reference level against which any future measurements will be compared is 11.0 feet below land surface for Well 1; 11.0 feet below land surface for Well 2; 21.5 feet below land surface for Well 4; and 35.1 feet below land surface for Well 5 (BRADACH).

The period of non-use or restricted use shall continue until the water level rises above the decline level which triggered the action or until the Department determines, based on the water user'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 senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right. 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.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this right, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

The well(s) shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine the water level elevation in the well at all times.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

The Director may require water level or pump test results every ten years.

Failure to comply with any of the provisions of this right may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the right.

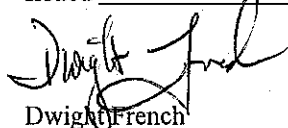
This right is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

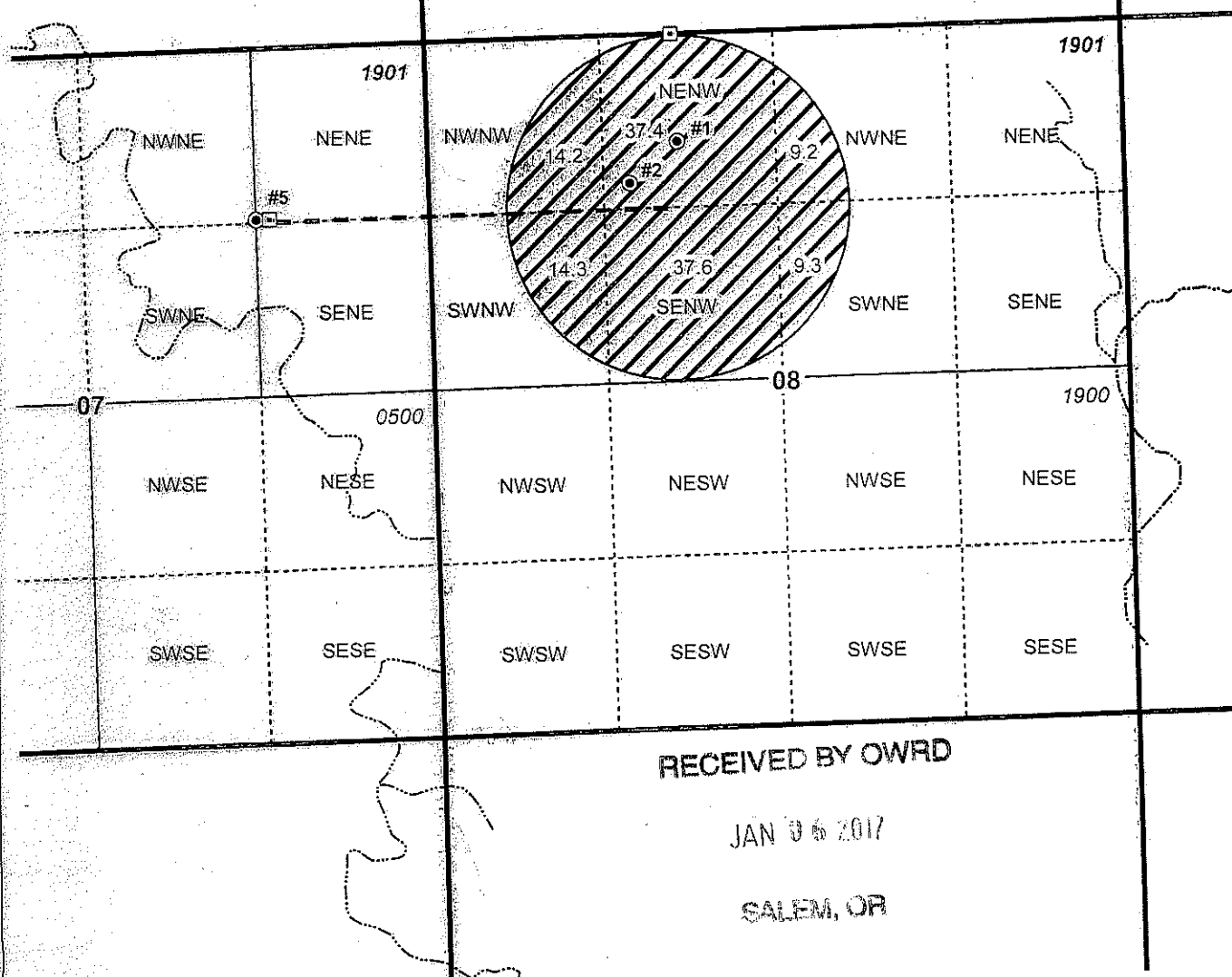
Issued JUN 09 2020



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

**T24S, R33E
SECTION 07 AND 08**

HARNEY COUNTY, OREGON



- POU Irrigation
- Section
- Quarter Quarter Section
- Taxlot
- Well
- Meter
- Stream
- Buried Pipeline

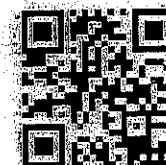
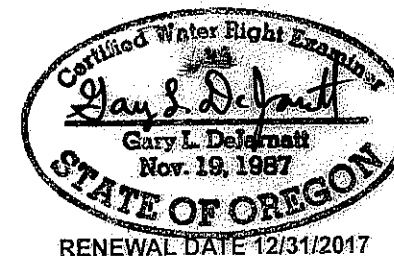
WELL LOCATIONS:

WELL #1: 780' S, 1,890' E OF NW CORNER SEC 8
WELL #2: 1,090' S, 1,520' E OF NW CORNER SEC 8
WELL #5: 1,320' S, 1,290' W OF NW CORNER SEC 8

RECEIVED BY OWRD

JAN 06 2017

SALEM, OR



CLAIM OF BENEFICIAL USE
Cameron & Rachel Koehn

AP G-16381

PERMIT G-17374

NOTE: THIS MAP IS NOT INTENDED TO
PROVIDE LEGAL DIMENSIONS OR LOCATIONS
OF PROPERTY OWNERSHIP LINES.

PROJECT #15103

SEPTEMBER 26, 2016

WATER RIGHT SERVICES, LLC
PO BOX 1830, BEND, OR 97709
CCB# 197121 www.oregonwater.us
541-389-2837 JOHNSHORT@USA.COM

FINAL PROOF MAP

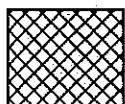
TO ADD PLACE OF USE AND
POINTS OF APPROPRIATION
FOR APPLICATION G-16381
CHAD AND CHARMARIE BRADACH

RECEIVED BY OWRD

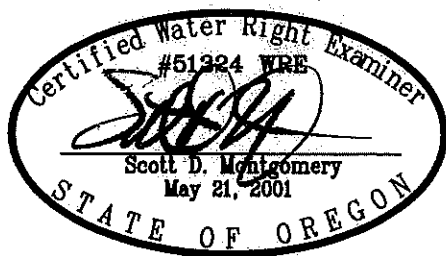
JUN 03 2016

SALEM, OR

TOWNSHIP 24 SOUTH, RANGE 33 EAST, SECTIONS 8 & 17,
W.M.
TAX LOTS: 1900, 4200, & 4300 HARNEY COUNTY, OREGON

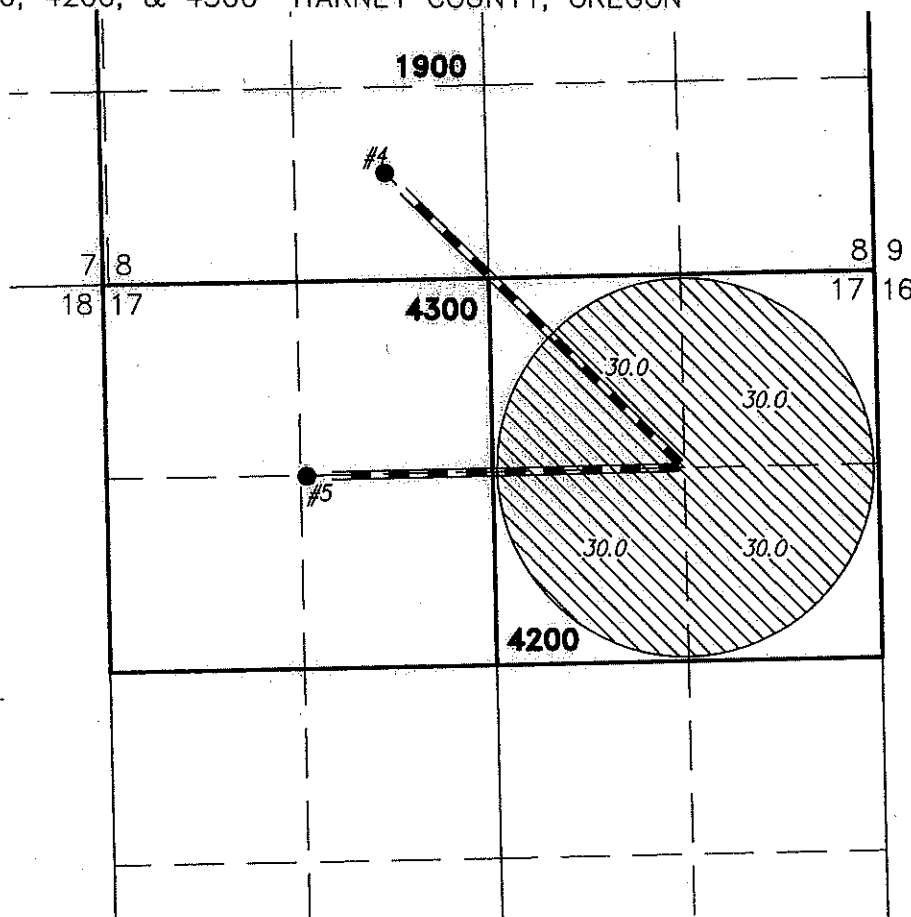


120.0 ACRES FROM PERMIT
G-17374, AS SHOWN



RENEWAL DATE: 12/31/2016

THIS MAP IS FOR THE PURPOSE OF
LOCATING A WATER RIGHT ONLY AND HAS NO
INTENT TO PROVIDE LEGAL DIMENSIONS OR
THE LOCATION OF PROPERTY LINES



- POA 4
EXISTING WELL (HARN 982) PERMIT: G-17374
730' NORTH 1945' EAST FROM THE SW CORNER SECTION 8

METER IS LOCATED ON THE DELIVERY PIPE 6 FEET SOUTH OF
THE WELL
- POA 5
EXISTING WELL (HARN 1014) PERMIT: G-17374
1325' SOUTH 1365' EAST FROM THE NW CORNER SECTION 17

METER IS LOCATED ON THE DELIVERY PIPE 24.5 FEET SOUTH
OF THE WELL

PREPARED FOR:

CHAD AND CHARMARIE BRADACH
65268 HWY 205
BURNS, OR 97720

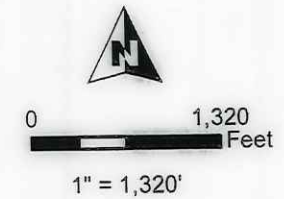
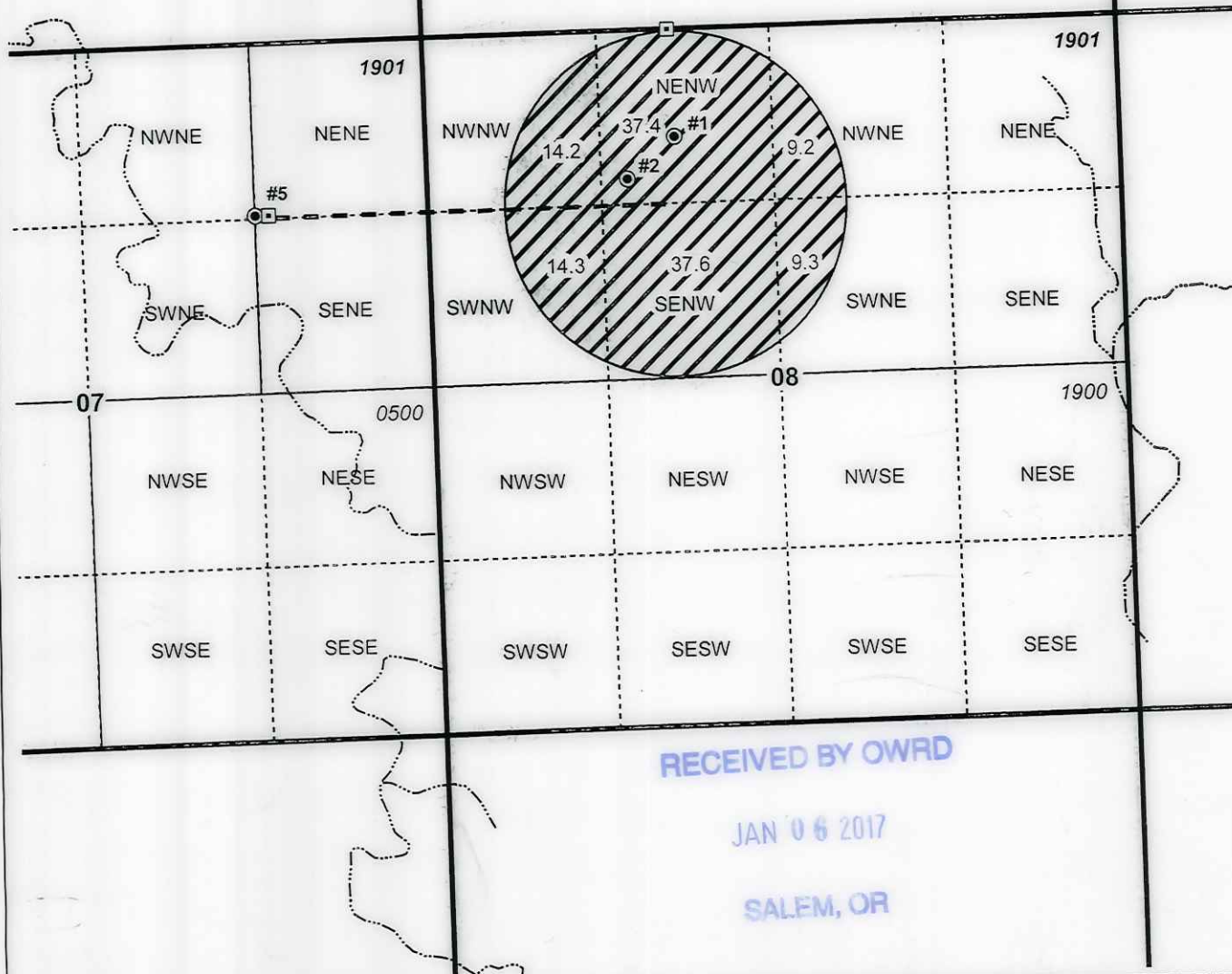
PREPARED BY:



ALL POINTS ENGINEERING AND SURVEYING, INC.
P.O. BOX 767
(541) 548-5833
TERREBONNE, OR 97760
www.APEandS.com

**T24S, R33E
SECTION 07 AND 08**

HARNEY COUNTY, OREGON



- POU Irrigation
- Section
- Quarter Quarter Section
- Taxlot
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- Meter
- Stream
- Buried Pipeline

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SALEM, OR



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AP G-16381

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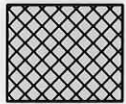
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CHAD AND CHARMARIE BRADACH

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JUN 03 2016

SALEM, OR

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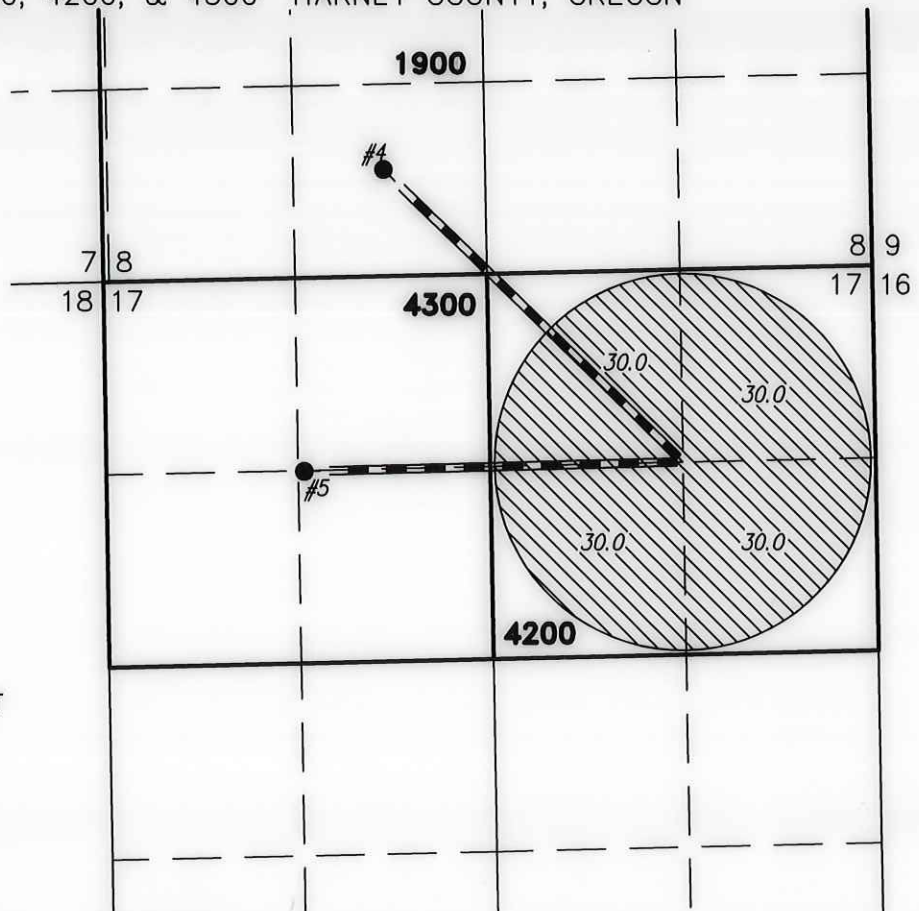


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PREPARED FOR:

CHAD AND CHARMARIE BRADACH
65268 HWY 205
BURNS, OR 97720

PREPARED BY:



ALL POINTS ENGINEERING AND SURVEYING, INC.
P.O. BOX 767 TERREBONNE, OR 97760
(541) 548-5833 www.APEandS.com

Mailing List for Proposed Certificate

Application: G-16381

Permit: G-17374

Certificate:

Permit/Certificate Holder:

CAMERON L. KOEHN
RACHEL A. KOEHN
67625 S NEWTON RD
BURNS OR 97720

CHAD BRADACH
65268 HWY 205
BURNS OR 97720

Is the Permit Holder(s) of record currently identified as a landowner of any tax lots involved as confirmed by the County records? **YES**

Copies of Proposed Certificate to be sent to:

1. Watermaster District #: 10
2. File

Other persons to receive copies: (include map):

1. GARY DEJARNATT, CWRE
2. JOHN SHORT, AGENT
3. SCOTT MONTGOMERY, CWRE

Copies Mailed

by: TM
(STAFF)

on: 3/6/2020
(DATE)



Oregon
Kate Brown, Governor

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

DATE MAILED: MAR 06 2020

NOTICE

Reference: Application G-16381, Permit G-17374

Enclosed is a proposed certificate of water right and map. The map and proposed certificate represent the extent water was used within the terms of the permit based upon Claims of Beneficial Use, prepared by a Certified Water Right Examiner, that either you or a previous permit holder submitted.

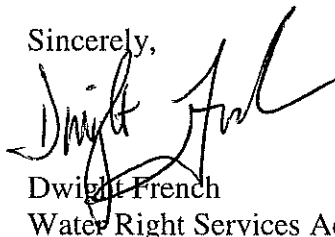
The certificate is the final step in the water right process. The Department encourages you to review this proposal. If you do not agree with the proposed certificate, Oregon Administrative Rule 690-330-010 (2) allows the permittee or landowner 60 days from the mailing date of this notice to request the Department to reconsider the contents of the proposed certificate.

If you agree with the proposed certificate, no response to this notice is required. Sometime after comment period, the recorded certificate of water right will be mailed to the permit holder of record.

If your name is not listed on the proposed certificate, and you are the current landowner, and would like to have the final certificate issued in your name, you may apply through the Department to have the permit assigned to you. If you have any questions about the assignment process, please contact Mary Bjork at 503-986-0817.

If you have any other questions please contact Codi Holmes at 503-986-0887.

Sincerely,



Dwight French
Water Right Services Administrator

STATE OF OREGON
COUNTY OF HARNEY
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CHAD BRADACH
65268 HWY 205
BURNS OR 97720

CAMERON L. KOEHN
RACHEL A. KOEHN
67625 S NEWTON RD
BURNS OR 97720

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SOURCE OF WATER: FOUR WELLS IN MALHEUR SLOUGH BASIN

PURPOSE or USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND (CFS) BETWEEN THE WATER USERS; FURTHER LIMITED AS FOLLOWS:

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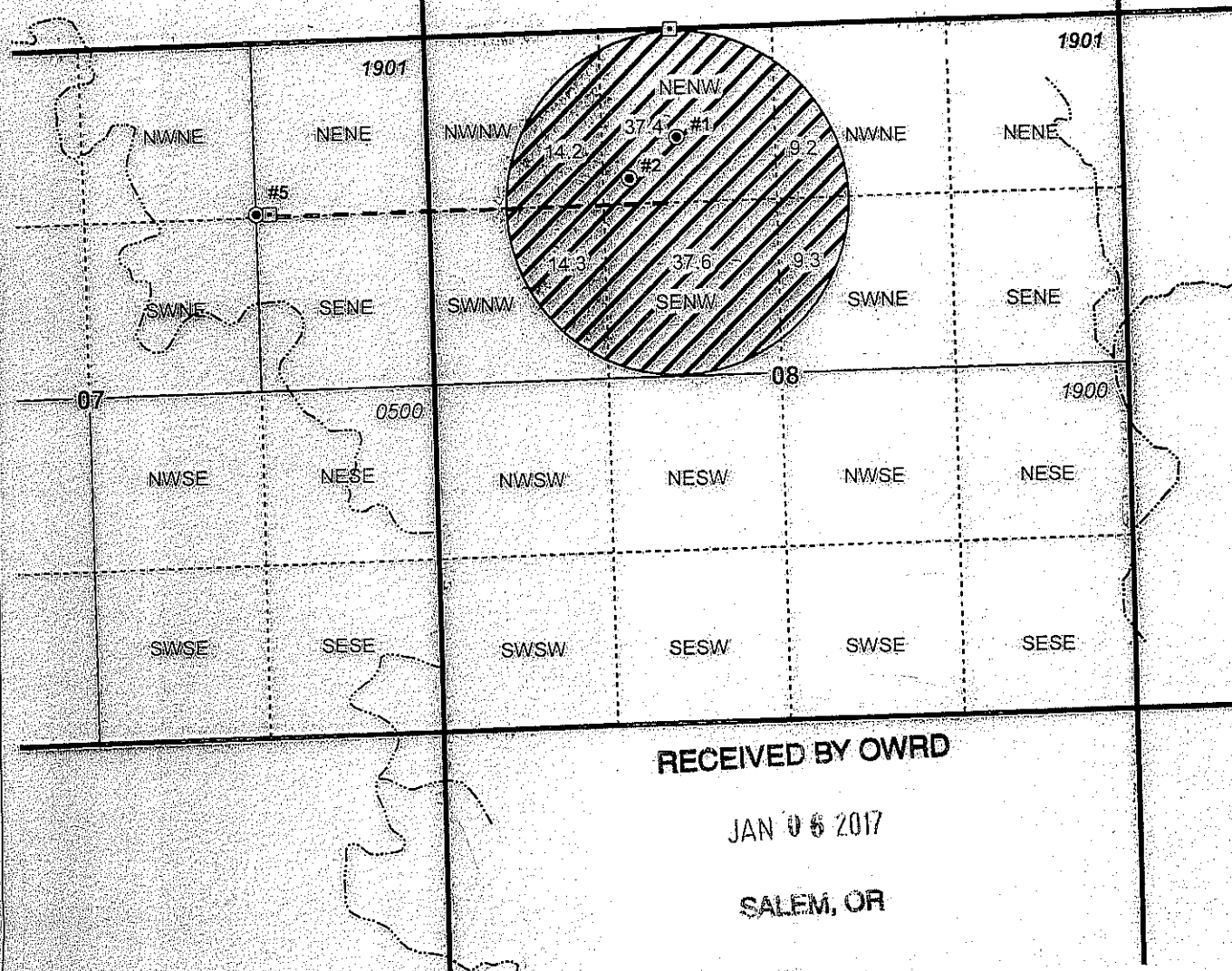
Issued _____

PROPOSED
Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department
Application G-16381.cnh

PROPOSED
Certificate ***

**T24S, R33E
SECTION 07 AND 08**

HARNEY COUNTY, OREGON



- POU Irrigation
- Section
- Quarter Quarter Section
- Taxlot
- Well
- Meter
- Stream
- Buried Pipeline

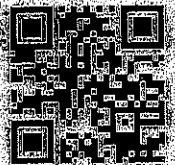
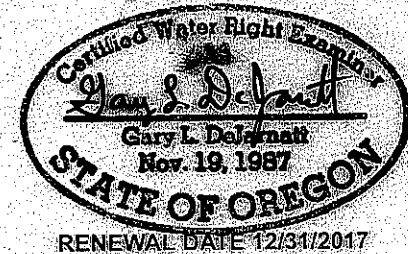
WELL LOCATIONS:

WELL #1: 780' S, 1,890' E OF NW CORNER SEC. 8
WELL #2: 1,090' S, 1,520' E OF NW CORNER SEC. 8
WELL #5: 1,320' S, 1,290' W OF NW CORNER SEC. 8

RECEIVED BY OWRD

JAN 06 2017

SALEM, OR



CLAIM OF BENEFICIAL USE
Cameron & Rachel Koehn

AP G-16381

PERMIT G-17374

NOTE: THIS MAP IS NOT INTENDED TO
PROVIDE LEGAL DIMENSIONS OR LOCATIONS
OF PROPERTY OWNERSHIP LINES.

PROJECT #15103

SEPTEMBER 26, 2016

WATER RIGHT SERVICES, LLC

PO BOX 1830, BEND, OR 97709

CCB# 197121 www.oregonwater.us

541-389-2837 JOHNSHORT@USA.COM

FINAL PROOF MAP

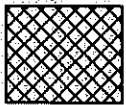
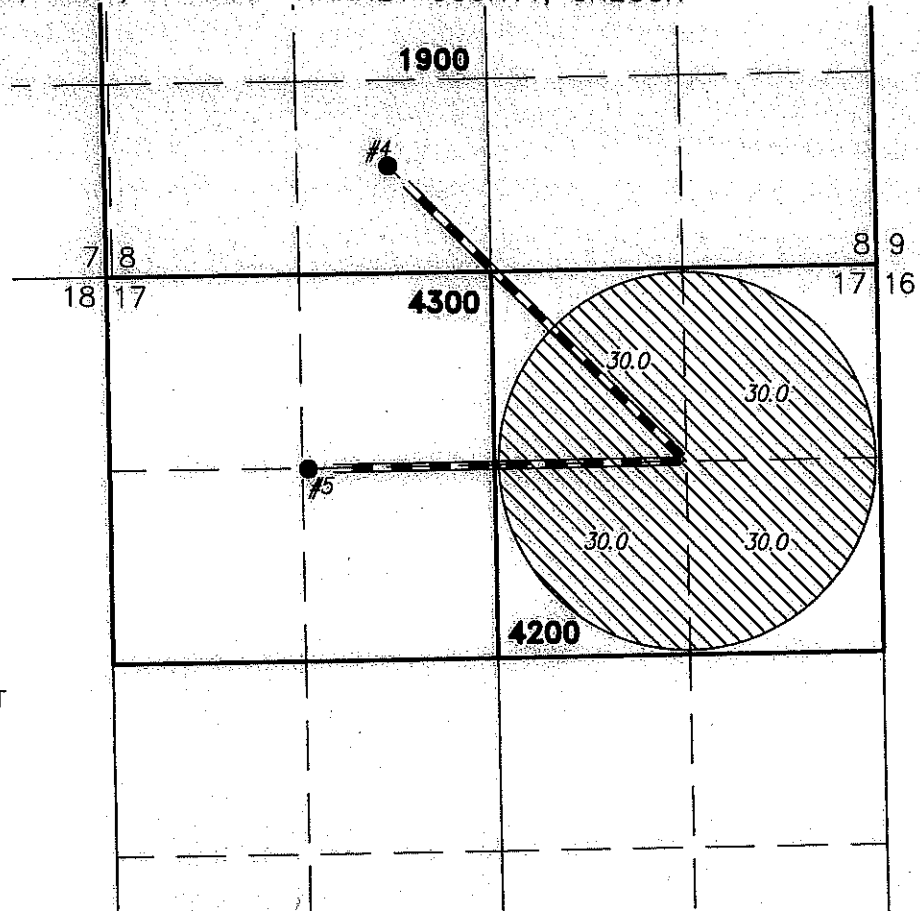
TO ADD PLACE OF USE AND
POINTS OF APPROPRIATION
FOR APPLICATION G-16381
CHAD AND CHARMARIE BRADACH

RECEIVED BY OWRD

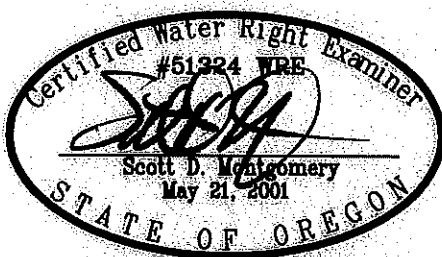
JUN 03 2016

SALEM, OR

TOWNSHIP 24 SOUTH, RANGE 33 EAST, SECTIONS 8 & 17,
W.M.
TAX LOTS: 1900, 4200, & 4300 HARNEY COUNTY, OREGON



120.0 ACRES FROM PERMIT
G-17374, AS SHOWN



RENEWAL DATE: 12/31/2016

THIS MAP IS FOR THE PURPOSE OF
LOCATING A WATER RIGHT ONLY AND HAS NO
INTENT TO PROVIDE LEGAL DIMENSIONS OR
THE LOCATION OF PROPERTY LINES

● POA 4

EXISTING WELL (HARN 982) PERMIT: G-17374
730' NORTH 1945' EAST FROM THE SW CORNER SECTION 8

METER IS LOCATED ON THE DELIVERY PIPE 6 FEET SOUTH OF
THE WELL

● POA 5

EXISTING WELL (HARN 1014) PERMIT: G-17374
1325' SOUTH 1365' EAST FROM THE NW CORNER SECTION 17

METER IS LOCATED ON THE DELIVERY PIPE 24.5 FEET SOUTH
OF THE WELL

PREPARED FOR:

CHAD AND CHARMARIE BRADACH
65268 HWY 205
BURNS, OR 97720

PREPARED BY:



ALL POINTS ENGINEERING AND SURVEYING, INC.
P.O. BOX 767
(541) 548-5833
TERREBONNE, OR 97760
www.APEandS.com

MEMO -Proof to Satisfaction (March 17, 2014)

Application # <u>G 16381</u>	Permit # <u>G 17374</u>	Transfer #
WRD Reviewer <u>C. Holmes</u>	Date <u>12-13-19</u>	
WRD Peer Reviewer <u>[Signature]</u>	Date <u>2/7/2020</u>	

Research

- ☐ Organize file in chronological order
- ☒ Pull CBU Report & Map(s), Application Map, relevant Permit, Certificate, or Transfer Order, most recent Assignments, Extension Orders, SWL Measurements, Fish Screen Certification Documents, Water Use Reports & Pump Tests
- ☒ Search for Water Right Location using Interactive Mapper. Identify Tax Lots & check for Area of Interest (AOI)
- ☒ Water Organization identified using AOI? ☒ No ☐ Yes
If "Yes" cc: _____ & Add to Mailing List
- ☒ Print Tax Lot Map from ormap.net for the original Place of Use, and confirm Current Ownership & Address with County Assessor
If there is a new owner, Add to Mailing List, including the owner(s) name & tax lot number
- ☒ Print Platcard & check for Place of Use Conflict? ☐ No ☐ Yes
If "Yes", provide copy of certificate & relevant map
- ☒ Print BLM Cadastral Survey
- ☒ Does Claim Map identify correct DLC, Gov't Lots, QQ's? ☐ No ☐ Yes
If "No", either _____ WRD amend map OR _____ prepare Order of Certification

Reviewing Claim

Have conditions on relevant permit, certificate, or transfer order been complied with? Yes, No, OR N/A

YES	N/A	Fish Conditions	BRADACH	KOEHN
YES	YES	Meter/measuring device -TFM (NEW) METER (EXIST)	APDA POU T-11940	1/6/17
YES	YES	Water Use Reporting -SHAW	YES PUMPTEST	3 WELLS - METER YES
YES	YES	Pump Test (post December 19, 1988) - AUG 16 2016	2 WELLS -	3.0 CFS
N/A	N/A	Other Conditions	120.0 ACS	122. AC
OK	OK	SWL -SHAW		
		C-Date <u>OCT. 1 2015</u>		

Run Capacity Calculator and Print Findings (for pump, sprinklers, pipes, ditches, as appropriate)

NOTES:

$\frac{1}{80} @ 242.0 = 3.025$ $\frac{1}{80} @ 120.0 = 1.5$ $\frac{1}{80} @ 122.0 = 1.525$
1-4

G 15986 BRADACH 4 WELLS 122 242.0 3.0 OCT. 1 2010 (11/3/2005)

EXT OCT 1 2015 (9/28/10)

ASSIGN PARTIAL (8/22/14) - BRADACH & KOEHN

T-11883 KOEHN APOA G-17313 5 WELLS 122 242.0 3.0

T-11940 BRADACH APOA APOA (3-6)

G-17374 SWELLS (1,2,4,5,6)

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CHAD BRADACH
65268 HWY 205
BURNS, OR 97720

CAMERON AND RACHEL KOEHN
67625 S NEWTON RD
BURNS, OR 97720

This superseding permit is issued to describe an amendment for a change in point of appropriation and place of use proposed under Permit Amendment Application T-11940 and approved by Special Order Vol. 95, Page 831-833, entered MAY 21 2015, and to describe an extension of time for complete application of water approved September 28, 2010 and an assignment to a new permittee approved August 20, 2014. This permit supersedes Permit G-17313.

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

APPLICATION FILE NUMBER: G-16381

SOURCE OF WATER: FIVE WELLS IN MALHEUR SLOUGH BASIN

PURPOSE OR USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: February 24, 2005

WELL LOCATIONS:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
24 S	33 E	WM	8	NE NW	WELL 1: 882 FEET SOUTH AND 1851 FEET EAST FROM THE NW CORNER OF SECTION 8
24 S	33 E	WM	8	NE NW	WELL 2: 1167 FEET SOUTH AND 1520 FEET EAST FROM THE NW CORNER OF SECTION 8
24 S	33 E	WM	8	SE SW	WELL 4: 700 FEET NORTH AND 1878 FEET EAST FROM THE SW CORNER OF SECTION 8
24 S	33 E	WM	7	NE NE	WELL 5: 1320 FEET SOUTH AND 1290 FEET WEST OF THE NW CORNER OF SECTION 8
24 S	33 E	WM	17	SE NW	WELL 6 : 1320 FEET SOUTH AND 1334 FEET EAST FROM THE NW CORNER OF SECTION 17

KOEHN

KOEHN

BRADACH

KOEHN

BRADACH

APDA T-
11883

APDA T-
11940

Existing Permit ConditionsKOEHN WELL 1 KOEHN WELL 2
BRADKHE WELL 4

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a 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.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

To monitor the effect of water use from the wells authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes PlaceInitial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has BegunReference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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 and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

Completion of construction and complete application of the water to the use shall be made on or before **October 1, 2015**. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued May 21, 2015

EXT C date OCT. 1 2015



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

G-15986

CHAD BRADACH

Well 1 2 3 4

Nov 3 2005

Meter use SWL (1) C-date Oct 1 2010

Ext F.O. Sept 28 2010

C-date Oct 1 2015

ASSIGNMENT

Aug 22. 2014

CHAD BRADACH

CAMERON/RACHIEL KOEHN

PA T-11883 ΔAPDA

Well 5
TFM

4 HARN 982
5 HARN 1014

G-17313

Wells 1-5

12/11/2014

1 HARN 986
2 HARN 985
5 HARN 51472

T-11940 ΔPOA

Well 6 ΔPOU

TFM

- drop well 3

G17374

Well 1, 2, 4, 5, 6

HARN 1014
PT 8/16/16 #5

Claim June 3 2016

Well 4, 5

ACRES 120.0

claim Jan 6, 2017

Well 1, 2, 5

Permit Amendment Review Criteria

6. The change would not result in injury to other water rights.
7. The change does not enlarge the permit.
8. The change does not alter any other terms of the permit.

Conclusions of Law

The additional point of appropriation proposed by Permit Amendment Application T-11883 is consistent with the requirements of ORS 537.211.

Now, therefore, it is ORDERED:

1. The additional point of appropriation proposed by Permit Amendment Application T-11883 is approved.
2. Permit G-17313, in the name of Chad Bradach and Cameron and Rachel Koehn, is issued to replace Permit G-15986, and incorporates the amendments approved by this order, and the extension of time. Permit G-15986, in the name of CHAD R. BRADACH, is no longer of any force or effect.
3. The combined quantity of water diverted at the new point of appropriation, together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
4. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device at each point of appropriation (new and existing).
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
5. Water shall be acquired from the same aquifer as the original points of appropriation.
6. All other terms and conditions of Permit G-17313 remain the same.

Dated at Salem, Oregon this 11 day of December 2014.


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

Mailing Date: DEC 16 2014

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-11940, Harney County	)	APPROVING A CHANGE IN POINT
	)	OF APPROPRIATION AND A
	)	CHANGE IN PLACE OF USE

Authority

Oregon Revised Statute (ORS) 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

CHAD BRADACH
65268 HWY 205
BURNS, OR 97720

Findings of Fact

1. On December 8, 2014, CHAD & CHARMARIE BRADACH filed an application to change the point of appropriation and place of use under Permit G-15986. The Department assigned the application number T-11940.
2. On September 28, 2010, the Department approved an extension of time for complete application of water to October 1, 2015.
3. On August 20, 2014, the Department approved a partial assignment of the permit to Cameron and Rachel Koehn.
4. On December 11, 2014, a final order approving an additional point of appropriation on Permit G-15986 was issued, and a superseding Permit G-17313 was issued to replace Permit G-15986.
5. On March 19, 2015, the applicant contacted the Department via e-mail to remove Charmarie Bradach from the application and to amend the tables and the permit number within the application.

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 and OAR 690-01-0005 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Permit G-17313, in the name of CHAD BRADACH AND CAMERON AND RACHEL KOEHN, is no longer of any force or effect.

3. The combined quantity of water diverted at the new point of appropriation, together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
4. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device at each point of appropriation (new and existing).
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
5. Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.
6. Dedicated Measuring Tube: Wells with pumps shall be equipped with a minimum 3/4-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit, and if static water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that water levels cannot be measured or the pump is repaired or replaced.
7. Water shall be acquired from the same aquifer as the original point of appropriation.
8. The former place of use shall no longer be irrigated as part of this permit.
9. All other terms and conditions of Permit G-17313 remain the same.

Dated at Salem, Oregon this 21 day of May, 2015.


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

Mailing Date: MAY 26 2015

Oregon Water Resources Department
Water Rights Division



Water Rights Application
Number G-16381

Final Order
Extension of Time for Permit Number G-15986

Appeal Rights

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. A request for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either file for judicial review, or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

Permit G-15986 was issued by the Department on November 3, 2005. The permit called for completion of construction by October 1, 2010 and complete application of water to beneficial use by October 1, 2010. On November 13, 2009, Chad Bradach submitted to the Department an Application for Extension of Time for Permit G-15986. In accordance with OAR 690-315-0050(2), on July 27, 2010, the Department issued a Proposed Final Order proposing to extend the time to complete construction to October 1, 2015 and the time to fully apply water to beneficial use to October 1, 2015. The protest period closed September 10, 2010, in accordance with OAR 690-315-0060(1). No protest was filed.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to no additional conditions.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

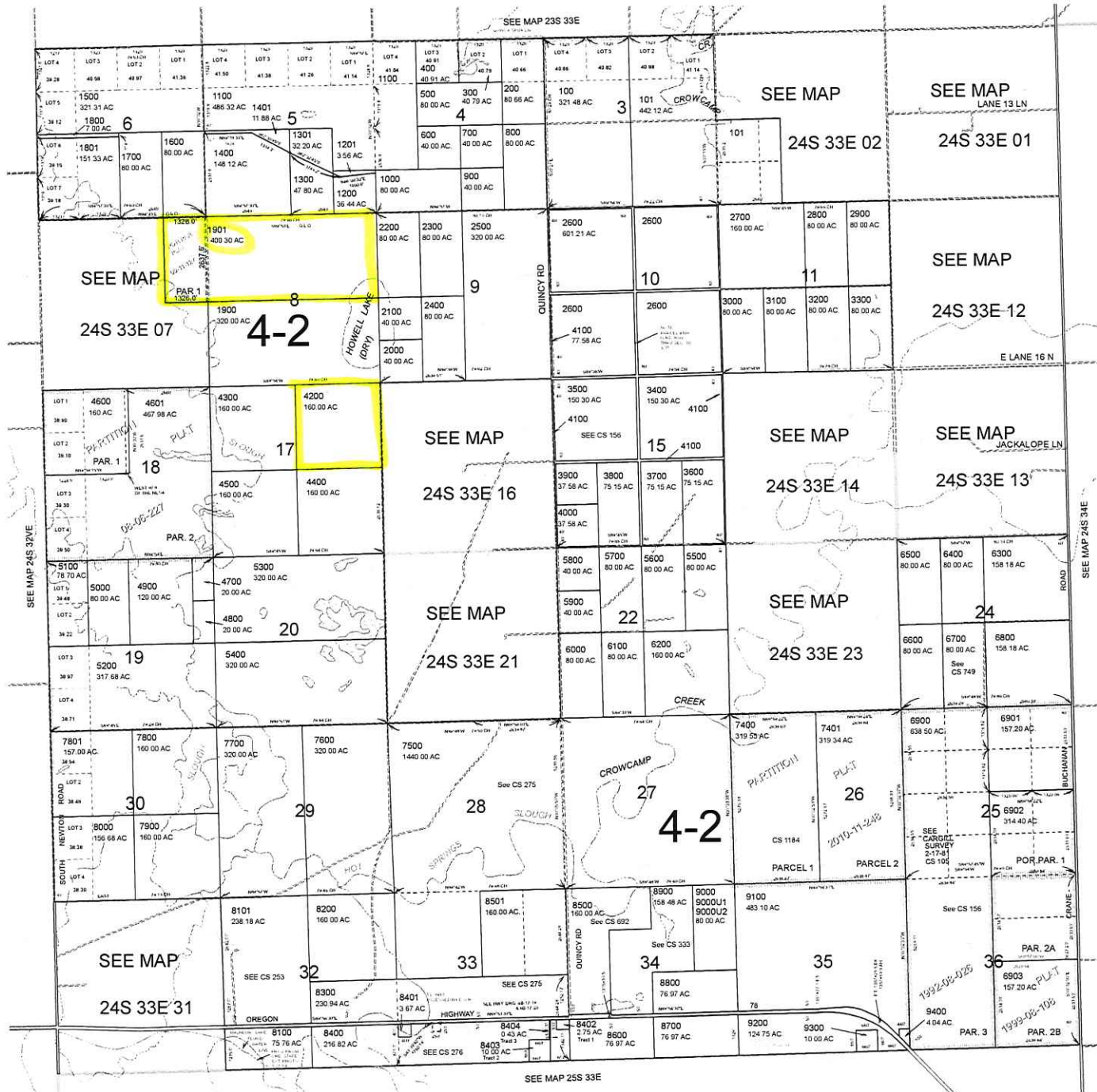
THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

T.24S. R.33E. W.M.
HARNEY COUNTY

1" = 2000'

24S33E

Cancelled Nos.
6901
7000
7100
7200
7300
9500
9600



PRINTED ON
5/16/2019

24S33E

HARNEY County Assessor's Summary Report

Real Property Assessment Report

FOR ASSESSMENT YEAR 2020

NOT OFFICIAL VALUE

January 30, 2020 10:46:44 am

Account # 93633

Map # 24S33E000001901

Code - Tax # 0420-93633

Tax Status ASSESSABLE

Acct Status ACTIVE

Subtype NORMAL

Legal Descr Metes & Bounds - See legal report for full description.

Mailing Name KOEHN, CAMERON L & RACHEL A

Deed Reference # 2014-103

Agent

Sales Date/Price 01-31-2014 / \$750,000.00

In Care Of

Appraiser CHARLES DICKINSON

Mailing Address 67625 S NEWTON RD

BURNS, OR 97720-9451

Prop Class 551 MA SA NH Unit
RMV Class 551 04 00 042 76735-1

Situs Address(s)	Situs City
ID# 67625 S NEWTON RD	BURNS

Code Area	RMV	MAV	Value Summary AV	RMV Exception	CPR %
0420 Land	564,300			Land	0
Impr.	227,740			Impr.	0
Code Area Total	792,040	363,410	253,516		0
Grand Total	792,040	363,410	253,516		0

Code Area	ID#	RFPD	Ex	Plan Zone	Value Source	Land Breakdown TD% LS	Size	Land Class	LUC	Trended RMV
0420	1	☐		EFRU-2	Farm Use Zoned	100 A	185.67	2	006*	464,180
0420	2	☐		EFRU-2	Farm Use Zoned	100 A	213.63	6	006*	74,770
0420	3	☐		EFRU-2	Farm Use Zoned	100 A	1.00	HS	006*	1,350
0420	4	☐		EFRU-2	Farm Use Zoned	100 A	0.00	IW	006*	6,000
0420	5	☐		EFRU-2	Farm Use Zoned	100 A	0.00	IW	006*	6,000
0420					SITE AMENTIES	100				12,000
Grand Total							400.30			564,300

Code Area	ID#	Yr Built	Stat Class	Description	Improvement Breakdown TD%	Total Sq. Ft.	Ex% MS Acct #	Trended RMV
0420	2		110	Residential Other Improvements	100	0		760
0420	4		303	GP SHED	100	280		1,290
0420	3		303	GP SHED	100	380		6,920
0420	5		312	MAINLINE 6"	100	1,350		11,480
0420	1	2009	153	Two story	100	2,112		207,290
Grand Total						4,122		227,740

HARNEY County Assessor's Summary Report

Real Property Assessment Report

FOR ASSESSMENT YEAR 2020

NOT OFFICIAL VALUE

January 30, 2020 10:47:20 am

Account # 23501

Map # 24S33E000004200

Code - Tax # 0420-23501

Tax Status ASSESSABLE

Acct Status ACTIVE

Subtype NORMAL

Legal Descr Metes & Bounds - See legal report for full description.

Mailing Name BRADACH, CHAD R & CHARMARIE R

Agent

In Care Of

Mailing Address 65268 HIGHWAY 205

BURNS, OR 97720-9395

Deed Reference # See Record

Sales Date/Price See Record

Appraiser AARON SCHEEN

Prop Class 551 MA SA NH Unit
RMV Class 551 04 00 042 6983-1

Situs Address(s) Situs City

Code Area	RMV	MAV	Value Summary AV	RMV Exception	CPR %
0420 Land	324,170			Land	0
Impr.	22,020			Impr.	0
Code Area Total	346,190	201,290	80,100		0
Grand Total	346,190	201,290	80,100		0

Code Area	ID#	RFPD	Ex	Plan Zone	Value Source	Land Breakdown TD% LS	Size	Land Class	LUC	Trended RMV
0420	2	☐		EFRU-2	Farm Use Zoned	100 A	124.73	2	006*	311,830
0420	1	☐		EFRU-2	Farm Use Zoned	100 A	35.27	6	006*	12,340
Grand Total							160.00			324,170

Code Area	ID#	Yr Built	Stat Class	Description	Improvement Breakdown TD%	Total Sq. Ft.	Ex% MS Acct #	Trended RMV
0420	1		311	MAINLINE 8"	100	1,850		22,020
Grand Total							1,850	22,020



Oregon Water Resources Department
Water Rights in the Same Area

 [Main](#)

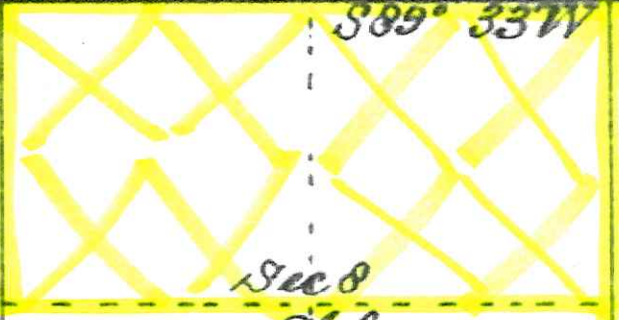
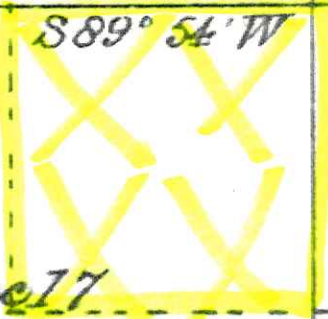
 [Help](#)

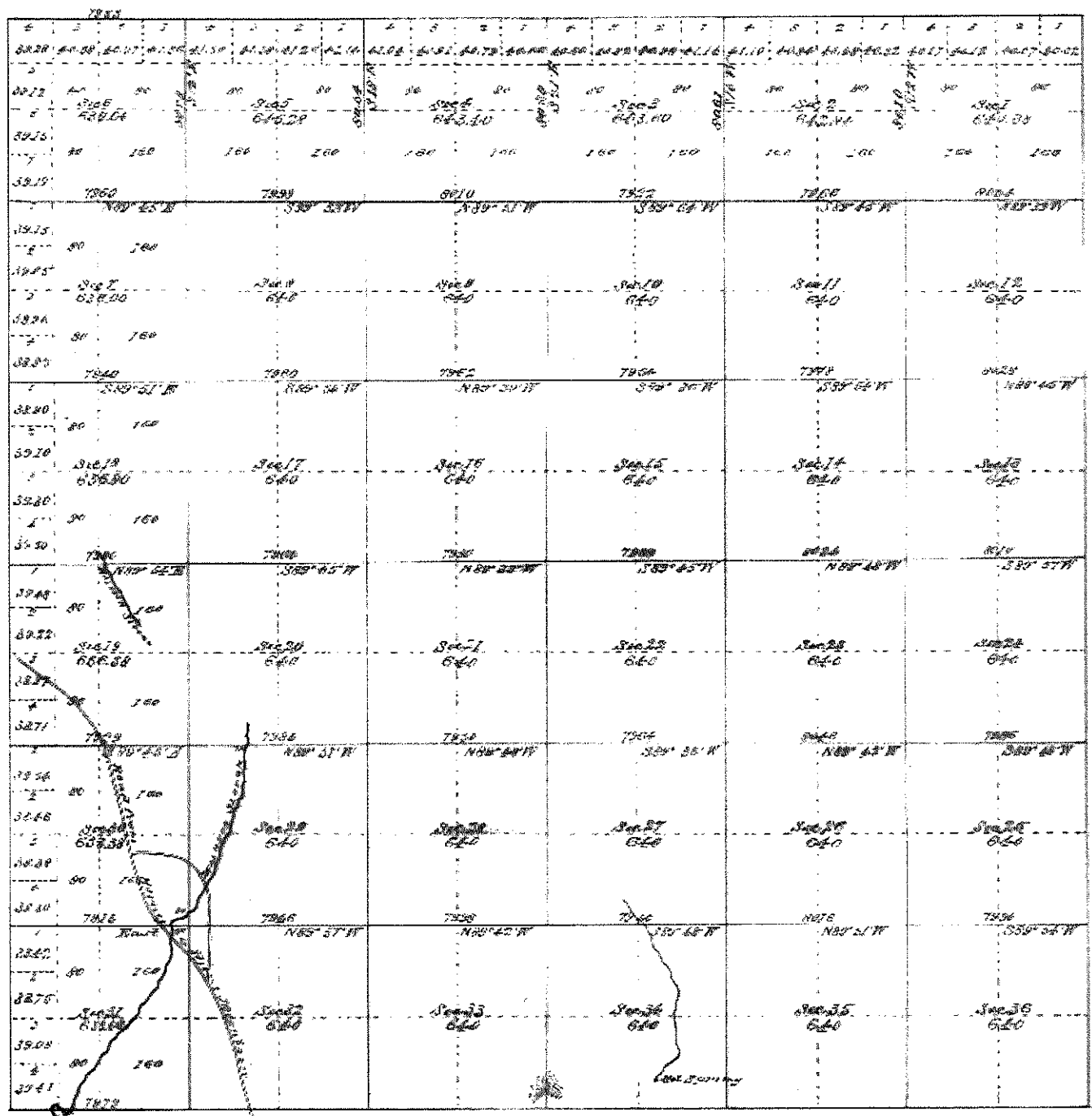
 [Return](#)

 [Contact Us](#)

Places of Use from Water Rights in the Same Area

The following rights have acreage in the same quarter-quarter as Permit: G 17374 * *NCR*

7960		7998	
1	N89°45'E	S89°33'W	
39.75			
2	80 160		
39.05			
3	Sec 7 636.00		
38.95		Sec 8 640	
4	80 160		
38.85			
7940		7960	
1	S89°51'E	S89°54'W	
38.90			
2	80 160		
39.10			
3	Sec 18 636.80		
39.30		Sec 17 640	
4	80 160		
39.50			
7980		7964	
1	N89°54'E	S89°45'W	



Survey of 11111

Total area of 36 sections 25,003.60

Water Use Report Based on Water Right



Permit: G 17374 *

KOEHN, CAMERON L. 67625 S NEWTON RD BURNS, OR 97720

Records per page: [View All](#)

Acre-feet (AF) of Water Used

<u>Water Year*</u>	<u>Report ID</u>	<u>Facility</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total Water Used</u>	<u>Irrigated Acres</u>
2019	63137	WELL 1 (HARN 986/L-125010)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2019	63138	WELL 2 (HARN 985/L-125009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.84	21.61	49.46	120.00
2019	63139	WELL 6 (HARN 1014/L-113254)	0.00	0.00	0.00	0.00	0.00	0.00	8.67	33.92	3.41	37.18	16.76	0.00	99.95	
2019	63140	WELL 4 (HARN 982/L-113253)	0.00	0.00	0.00	0.00	0.00	0.00	7.14	39.50	26.66	0.00	0.00	0.00	73.31	
2019	66385	WELL 5 (HARN 51472/L-93562)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.26	92.20	92.82	64.97	50.43	369.68	120.00
2018	63137	WELL 1 (HARN 986/L-125010)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	63138	WELL 2 (HARN 985/L-125009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2018	63139	WELL 6 (HARN 1014/L-113254)	0.00	0.00	0.00	0.00	0.00	0.00	6.51	32.36	33.80	35.52	23.14	0.00	131.34	
2018	63140	WELL 4 (HARN 982/L-113253)	0.00	0.00	0.00	0.00	0.00	0.00	10.87	31.25	35.57	33.52	20.09	0.00	131.31	
2018	66385	WELL 5 (HARN 51472/L-93562)	0.00	0.00	0.00	0.00	0.00	0.00	88.38	142.70	159.28	159.09	158.97	158.89	867.31	
2017	63137	WELL 1 (HARN 986/L-125010)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.00
2017	63138	WELL 2 (HARN 985/L-125009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	1.10	1.10	0.78	4.10	120.00
2017	63139	WELL 6 (HARN 1014/L-113254)	0.00	0.00	0.00	0.00	0.00	0.00	8.97	36.52	36.52	37.13	33.28	27.24	179.66	
2017	63140	WELL 4 (HARN 982/L-113253)	0.00	0.00	0.00	0.00	0.00	0.00	16.74	32.09	31.33	30.77	27.14	27.81	165.89	
2017	66385	WELL 5 (HARN 51472/L-93562)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.30	5.29	5.31	5.31	4.68	25.90	206.00
2016	63139	WELL 6 (HARN 1014/L-113254)	0.00	0.00	0.00	0.00	0.00	0.00	6.89	31.02	34.47	28.72	0.00	0.00	101.11	
2016	63140	WELL 4 (HARN 982/L-113253)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.38	29.69	21.79	0.00	0.00	69.87	
2015	63137	WELL 1 (HARN 986/L-125010)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.08	33.14	33.11	33.10	32.80	162.23	125.00
2015	63138	WELL 2 (HARN 985/L-125009)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2015	63139	WELL 6 (HARN 1014/L-113254)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.06	45.08	36.46	6.76	136.35	122.00
2015	63140	WELL 4 (HARN 982/L-113253)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.52	32.04	25.37	5.30	99.23	
2015	66385	WELL 5 (HARN 51472/L-93562)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.98	64.57	64.57	64.56	64.54	319.21	125.00

ALL
5
WELLS

WELL 1

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: HARN 986

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Site Identification (Click to Collapse...)

GW LogID: HARN 986 [Well Log Database](#)
GW Well Tag Number:
Tag Verified on Well: No
Site Type: WELL
Primary Use: IRRIGATION
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: Karl Wozniak
Established Date: 02/19/2007
Bonded Company: WESTERN WATER WELLS INC.
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 43.50536079 Horiz. Error: 50.00 ft.
Longitude: -118.68177164 Datum: WGS1984
Lat/Long Source: WR APPL MAP
Location
TRSQQ: WM 24.00S33.00E8NENW
Tax Map:
Taxlot:
24 Quad: CARSON POINT
Basin: 12 - Malheur Lake
County: Harney
WM District: 10
WM Region: E
LSD Elev: 4118.67 Accy: 3.00 Datum: NAVD1988
Elev Source: LIDAR
[Groundwater Mapping Tool](#)

Water Rights (Click to Collapse...)

Water Right PODs

POD	WRIS Details	Application	Permit	Cert	Transfers	Claim	supplemental	priority_date	Season of Use	max_rate_cfs	rat
POD 1 - A WELL - MALHEUR SLOUGH BASIN	WRIS	G 16381	G 17374		T 11940			2/3/2005	3/1 ~ 10/31	3.000	

Well Construction History (Click to Collapse...)

Well Construction History

Well Log id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max Dep
HARN 986	Log	NEW			MR WALTER KLEINER	68.00	16			

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer
HARN 986				

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Duration (hr)	Calculated Specific Capacity (gpm/ft)
HARN 986	Pump	1350.0	180.0	8.0	7.50

Lithology (Click to Expand...)

Well Construction (Click to Expand...)

Measured Water Level (Click to Collapse...)

Records/Page:

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
3/18/2019		8.20	4110.47	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/24/2018		6.20	4112.47	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/28/2017		6.70	4111.97	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/10/2016		14.00	4104.67	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/2/2015		14.30	4104.37	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/15/2014		11.00	4107.67	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/25/2011		7.50	4111.17	DRILLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50

Available Data (Click to Expand...)

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Well 2

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: HARN 985

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Site Identification (Click to Collapse...)

GW LogID: HARN 985 [Well Log Database](#)
GW Well Tag Number:
Tag Verified on Well: No
Site Type: WELL
Primary Use: IRRIGATION
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: Karl Wozniak
Established Date: 02/19/2007
Bonded Company: WESTERN WATER WELLS INC.
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 43.50451158 Horiz. Error: 50.00 ft.
Longitude: -118.68327686 Datum: WGS1984
Lat/Long Source: WR APPL MAP
Location
TRSQQ: WM 24.00S33.00E8NENW
Tax Map:
Taxlot:
24 Quad: CARSON POINT
Basin: 12 - Malheur Lake
County: Harney
WM District: 10
WM Region: E
LSD Elev: 4119.26 Accy: 3.00 Datum: NAVD1988
Elev Source: LIDAR
[Groundwater Mapping Tool](#)



Water Rights (Click to Collapse...)

Water Right PODs

POD	WRIS Details	Application	Permit	Cert	Transfers	Claim	supplemental	priority_date	Season of Use	max_rate_cfs	rat
POD 2 - A WELL - MALHEUR SLOUGH BASIN	WRIS	G 16381	G 17374		T 11940			2/3/2005	3/1 ~ 10/31	3.000	

Well Construction History (Click to Collapse...)

Well Construction History

Well Log id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max Dep.
HARN 985	Log	NEW			MR WALTER KLINER	65.00	16			

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer
HARN 985				

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Duration (hr)	Calculated Specific Capacity (gpm/ft)
HARN 985	Pump	620.0	180.0	8.0	3.44

Lithology (Click to Expand...)

Well Construction (Click to Expand...)

Measured Water Level (Click to Collapse...)

Records/Page:

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
3/18/2019		7.30	4111.96	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/24/2018		5.30	4113.96	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/28/2017		6.50	4112.76	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/10/2016		10.40	4108.86	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/2/2015		10.70	4108.56	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/15/2014		11.00	4108.26	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/25/2011		7.42	4111.84	DRILLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50

Available Data (Click to Expand...)

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Well 4

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: HARN 982

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Site Identification (Click to Collapse...)

GW LogID: HARN 982 [Well Log Database](#)
 GW Well Tag Number:
 Tag Verified on Well: No
 Site Type: WELL
 Primary Use: IRRIGATION
 Unused Status:
 Site Source Organization:
 Site Source OWRD:
 Established By: Karl Wozniak
 Established Date: 02/19/2007
 Bonded Company: WESTERN WATER WELLS INC.
 Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
 Latitude: 43.49513033 Horiz. Error: 50.00 ft.
 Longitude: -118.68165103 Datum: WGS1984
 Lat/Long Source: WR APPL MAP
 Location
 TRSQQ: WM 24.00S33.00E8SESW
 Tax Map:
 Taxlot:
 24 Quad: WARM SPRINGS BUTTE
 Basin: 12 - Malheur Lake
 County: Harney
 WM District: 10
 WM Region: E
 LSD Elev: 4116.60 Accy: 3.00 Datum: NAVD1988
 Elev Source: LIDAR
[Groundwater Mapping Tool](#)



Water Rights (Click to Collapse...)

Water Right PODs

POD	WRIS Details	Application	Permit	Cert	Transfers	Claim	supplemental	priority_date	Season of Use	max_rate_cfs	ra
POD 3 - A WELL > MALHEUR SLOUGH BASIN	WRIS	G 16381	G 17374		T 11940			2/3/2005	3/1 ~ 10/31	3.000	

Well Construction History (Click to Collapse...)

Well Construction History

Well Log id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max Dep
HARN 982	Log	NEW			MR WALTER KLEINER	89.00	16			

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer
HARN 982				

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Duration (hr)	Calculated Specific Capacity (gpm/ft)
HARN 982	Pump	909.0	286.0	68.0	3.18

Lithology (Click to Expand...)

Well Construction (Click to Expand...)

Measured Water Level (Click to Collapse...)

Records/Page: 20 Find

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
3/24/2018		29.40	4087.20	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/28/2017		20.70	4095.90	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/25/2016		26.00	4090.60	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/2/2015		22.90	4093.70	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/15/2014		21.50	4095.10	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	0.50
3/25/2011		15.95	4100.65	DRILLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.13

Available Data (Click to Expand...)

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Well 5 Bradache

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: HARN 1014

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Site Identification (Click to Collapse...)

GW LogID: HARN 1014 [Well Log Database](#)
GW Well Tag Number:
Tag Verified on Well: No
Site Type: WELL
Primary Use:
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: boschmde
Established Date: 02/24/2015
Bonded Company: WESTERN WATER WELLS INC.
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 43.48950168 Horiz. Error: 50.00 ft.
Longitude: -118.68388910 Datum: WGS1984
Lat/Long Source: WR GR TRAN MAP
Location
TRSQQ: WM 24.00S33.00E17NW
Tax Map:
Taxlot:
24 Quad: WARM SPRINGS BUTTE
Basin: 12 - Malheur Lake
County: Harney
WM District: 10
WM Region: E
LSD Elev: 4115.19 Accy: 3.00 Datum: NAVD1988
Elev Source: LIDAR
[Groundwater Mapping Tool](#)



Water Rights (Click to Collapse...)

Water Right PODs

POD	WRIS Details	Application	Permit	Cert	Transfers	Claim	supplemental	priority_date	Season of Use	max_rate_cfs	rate
POD 5 - A WELL > MALHEUR SLOUGH BASIN	WRIS	G 16381	G 17374		T 11940			2/24/2005	3/1 ~ 10/31	3.000	

Well Construction History (Click to Collapse...)

Well Construction History

Well Log id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max Dep
HARN 1014	Log	NEW			MR WALTER KLEINER	76.00	16			

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer
HARN 1014				

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Duration (hr)	Calculated Specific Capacity (gpm/ft)
HARN 1014	Pump	746.0	182.0	8.0	4.10

Lithology (Click to Expand...)

Well Construction (Click to Expand...)

Measured Water Level (Click to Collapse...)

Records/Page: 20

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
3/18/2019		35.50	4079.69	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.00
3/24/2018		33.70	4081.49	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.00
3/28/2017		33.10	4082.09	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.50
3/10/2016		35.10	4080.09	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.50

Available Data (Click to Expand...)

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Pump Capacity Calculator

using Department designed formula:

$(\text{hp})(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP =	<u>25</u>
Efficiency =	<u>7.04</u>
Lift =	<u>21</u>
PSI =	<u>25</u>

Results Calculated

(hp)(efficiency) =	176
Head based on psi =	63.5
Total dynamic head =	84.5
(head + lift)	

Pump Capacity = **2.083** cubic feet per second

well 1

KOEHN
HARN 986

Pump Capacity Calculator

using Department designed formula:

$(\text{hp})(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP =	<u>25</u>
Efficiency =	<u>7.04</u>
Lift =	<u>21</u>
PSI =	<u>25</u>

Results Calculated

(hp)(efficiency) =	176
Head based on psi =	63.5
Total dynamic head =	84.5
(head + lift)	

Pump Capacity = **2.083 cubic feet per second**

well 2

KOEHN

HARN 985

Pump Capacity Calculator

using Department designed formula:

$(\text{hp})(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP =	<u>75</u>
Efficiency =	<u>7.04</u>
Lift =	<u>21</u>
PSI =	<u>25</u>

Results Calculated

(hp)(efficiency) =	528
Head based on psi =	63.5
Total dynamic head =	84.5
(head + lift)	

Pump Capacity = 6.248 cubic feet per second

~~well 2~~ well 5 KOEN

HARN 51472

Pump Capacity Calculator

using Department designed formula:

$(\text{hp})(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP =	<u>30</u>
Efficiency =	<u>7.04</u>
Lift =	<u>100</u>
PSI =	<u>40</u>

Results Calculated

(hp)(efficiency) =	211.2
Head based on psi =	101.6
Total dynamic head =	201.6
(head + lift)	

Pump Capacity = 1.048 cubic feet per second

well 4

HARN 982

Pump Capacity Calculator

using Department designed formula:

$(\text{hp})(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP =	<u>30</u>
Efficiency =	<u>7.04</u>
Lift =	<u>100</u>
PSI =	<u>40</u>

Results Calculated

(hp)(efficiency) =	211.2
Head based on psi =	101.6
Total dynamic head =	201.6
(head + lift)	

Pump Capacity = 1.048 cubic feet per second

well 5 bradache

(S/B well 6)

HARN 1014

well 3 - dropped
*ADPDA HARN 51472

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: HARN 980

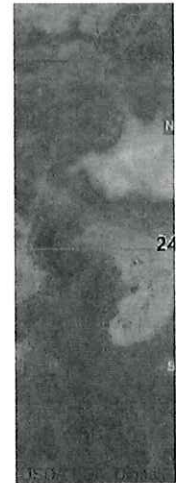
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Site Identification (Click to Collapse...)

GW LogID: HARN 980 [Well Log Database](#)
GW Well Tag Number:
Tag Verified on Well: No
Site Type: WELL
Primary Use: IRRIGATION
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: boschmde
Established Date: 02/24/2015
Bonded Company: ROSSBERG & SON IRRIGATION CO.
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 43.50403705 Horiz. Error: 50.00 ft.
Longitude: -118.69384001 Datum: WGS1984
Lat/Long Source: WR GR TRAN MAP
Location
TRSQQ: WM 24.00S33.00E7NENE
Tax Map:
Taxlot:
24 Quad: CARSON POINT
Basin: 12 - Malheur Lake
County: Harney
WM District: 10
WM Region: E
LSD Elev: 4120.00 Accy: 10.00 Datum: NGVD1929
Elev Source: 7.5-MINUTE MAP
[Groundwater Mapping Tool](#)



Water Rights (Click to Collapse...)

Water Right PODs

POD	WRIS Details	Application	Permit	Cert	Transfers	Claim	supplemental	priority_date	Season of Use	max_rate_cfs	rat
POD 1 - A WELL > MALHEUR LAKE	WRIS	G 5952	G 5748	65565				12/8/1972	3/1 ~ 10/31	1.020	
POD 4 - A WELL > MALHEUR SLOUGH BASIN	WRIS	G 16381	G 17374		T 11940			2/3/2005	3/1 ~ 10/31	3.000	

Well Construction History (Click to Collapse...)

Well Construction History

Well Log id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max D
HARN 980	LOG	NEW			HUDSON, JAMES D & WILLIAM J		12			

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer
HARN 980				

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Duration (hr)	Calculated Specific Capacity (gpm/ft)
HARN 980	Pump	1325.0	20.0	4.0	66.25

Lithology (Click to Expand...)

Well Construction (Click to Expand...)

Available Data (Click to Expand...)

NOT ON THIS RIGHT

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: HARN 1014

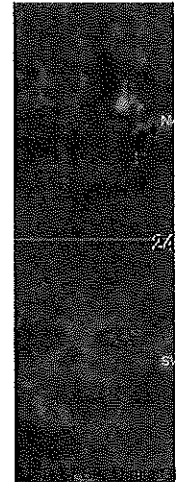
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Site Identification (Click to Collapse...)

GW LogID: HARN 1014 [Well Log Database](#)
 GW Well Tag Number:
 Tag Verified on Well: No
 Site Type: WELL
 Primary Use:
 Unused Status:
 Site Source Organization:
 Site Source OWRD:
 Established By: boschmd
 Established Date: 02/24/2015
 Bonded Company: WESTERN WATER WELLS INC.
 Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
 Latitude: 43.48950168 Horiz. Error: 50.00 ft
 Longitude: -118.68388910 Datum: WGS1984
 Lat/Long Source: WR GR TRAN MAP
 Location
 TRSQQ: WM 24.00S33.00E17NW
 Tax Map:
 Taxlot:
 24 Quad: WARM SPRINGS BUTTE
 Basin: 12 - Malheur Lake
 County: Harney
 WM District: 10
 WM Region: E
 LSD Elev: 4115.19 Accy: 3.00 Datum: NAVD1988
 Elev Source: LIDAR

[Groundwater Mapping Tool](#)


Water Rights (Click to Expand...)

Well Construction History (Click to Collapse...)

Well Construction History

Well Log Id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case Diam.	Max Case Depth	Max Seal Depth	Max Dep
HARN 1014	Log	NEW			MR WALTER KLEINER	76.00	16			

Well Log	Aquifer	Ag at Max Depth	System Aquifer	Regional USGS Aquifer
HARN 1014				

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Duration (hr)	Calculated Specific Capacity (gpm/ft)
HARN 1014	Pump	746.0	182.0	8.0	4.10

Lithology (Click to Expand...)

Well Construction (Click to Expand...)

Measured Water Level (Click to Collapse...)

Records/Page:

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
3/18/2019		35.50	4079.69	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.00
3/24/2018		33.70	4081.49	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.00
3/28/2017		33.10	4082.09	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.50
3/10/2016		35.10	4080.09	PUMP INSTALLER	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.50

Available Data (Click to Expand...)

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Oregon
Kate Brown, Governor

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

January 20, 2017

Cameron & Rachel Koehn
67625 Newton Rd
Burns OR 97720

On January 6, 2017 the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application G-16381 Permit G-17374

The COBU included a report and map. In the future the Department will review your submittal. At that time we will review these items and provide a final certificate, proposed certificate, or a request for additional information.

If you are interested in having your COBU reviewed sooner, you may pay to have your file processed immediately, using the Reimbursement Authority program, which is described at:

http://www.wrd.state.or.us/OWRD/mgmt_reimbursement_authority.shtml

Customer Service phone: (503) 986-0801

If you sell the property, please contact the Department, or have the new owners contact the Department about the need to file an assignment.

Cc: file

CLARK Gerald E * WRD

From: CLARK Gerald E * WRD
Sent: Friday, January 13, 2017 10:44 AM
To: 'johnshort@usa.com'
Subject: RE: Koehn CBU for Permit G-17374

John,

Thanks for the information. What we would prefer in cases like this is to received a new page to insert into the Claim that has the additional information included in the table. The new page should be included with a letter from the CWRE indicating that the new page supersedes the page originally submitted.

Thanks for your help with this.

Gerry

Gerry Clark
Water Right Services Division
Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301

Phone: 503-986-0811

From: johnshort@usa.com [<mailto:johnshort@usa.com>]
Sent: Wednesday, January 11, 2017 2:44 PM
To: Gerry E Clark
Subject: Koehn CBU for Permit G-17374

Hello Gerry,

Cameron Koehn just messaged that the meter on the pivot typically shows about 750 gpm. Proof required over 685 gpm.

Best,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

Completion Checklist for CWRE Claims of Beneficial Use

Application #

6-77
6-16381



Date Received _____
CWRE Name _____
File Marked *yes* _____
Oversized Map # _____
Reviewer _____

Claim Logged *yes* _____

Map Review:

- ☒ Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
- ☒ Application & permit #; or transfer # (OAR 690-014-0100(1))
- ☒ Disclaimer (OAR 690-014-0170(5))
- ☒ North arrow (OAR 690-310-0050(2)(c))
- ☒ CWRE stamp and signature (OAR 690-014 & 310-0050)
- ☒ Appropriate scale (*1" = 1320'*, 1" = 400', or the original full-size scale of the county assessor map) (014 & 310)
- ☒ Township, range, section, and tax lot numbers (OAR 690-310-0050(4))
- ☒ Source illustrated if surface water (OAR 690-014-0170(3))
- ☒ Point(s) of diversion or appropriation (illustrated) (OAR 690-014(4) & 690-310-0050)
- ☒ Point(s) of diversion or appropriation (coordinates) (OAR 690-014(4) & 690-310-0050)
- ☒ Conveyance structures illustrated (pump, pipelines, ditches, etc.) (OAR 690-310-0050)
- ☒ Description of the location, in relation to the point of diversion or appropriation, of any fish screens, by-pass devices, and measuring devices required (OAR 690-014(4))
- Place of use (1/4 1/4, or projected 1/4 1/4 lines within DLCs, or Gov Lots; if irrigation, # of acres in each subdivision; if for domestic or human consumption, location of dwelling or spigot) (OAR 690-310-0050, 690-014, 690-380-6010)

Report Review:

- ☒ On form or format provided by the Department (OAR 690-014-0100)
- ☒ Application & permit #; or transfer # (OAR 690-014)
- ☒ Ownership information (OAR 690-014)
- ☒ Date of survey (OAR 690-014)
- ☒ Person interviewed (OAR 690-014)
- ☒ County (OAR 690-014)
- ☒ Description of conveyances system (from POD to POU) (OAR 690-014)
- ☒ Source(s) of water (OAR 690-014-0100)
- Use, period of use, and rate for use (OAR 690-014-0100)
- Place of use location (OAR 690-014-0100)
- Type of use (OAR 690-014-0100)
- Extent of use (OAR 690-014-0100)
- Rate and Duty (OAR 690-014-0100)
- Diversion rate for each use (OAR 690-014-0100)
- Diversion works description (pump make, serial model, capacity, and description) (OAR 690-014-0100)
- System capacity (OAR 690-014-0100)
 - Calculated capacity of system (required)
 - Measured amount of use (optional)
- Permit/Transfer Final Order Conditions (OAR 690-014-0100)
 - Time limits
 - Initial water level measurements
 - Annual static water level measurements
 - Measurement, recording, and reporting
 - Meter/measuring device
 - Water use reporting
 - Fish screening and/or by-pass
 - Pump test (ground water)
 - Other conditions
- ☒ CWRE stamp and signature (OAR 690-014-0100)
- ☒ Signature(s) of permittee of transfer holder (OAR 690-014-0100)

Partial

Pivot out put?

DEF = deficient
N/A = Not Applicable

**CLAIM OF
BENEFICIAL USE
for Permits claiming more
than 0.1 cfs and All Transfers**



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

**A fee of \$175 must accompany this form for permits
with priority dates after July 8, 1987.**

**A fee of \$175 must accompany this form for any Transfer final orders
including a water right with a priority date of July 9, 1987, or later.**

**Example – A transfer involves 5 rights and one of the rights
has a priority date of July 9, 1987, or later, the fee is required.**

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
http://www.oregon.gov/owrd/pages/wr/cwre_info.aspx

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-986-0900 and ask for the Certificate Section.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
http://www.oregon.gov/owrd/pages/mgmt_reimbursement_authority.aspx

**SECTION 1
GENERAL INFORMATION**

1. File Information

APPLICATION # (G, R, S or T)	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-16381	G-17374	T-11883, T-11940

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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Cameron and Rachel Koehn		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 67625 S. Newton Road			
CITY Burns	STATE OR	ZIP 97720	E-MAIL

If the current property owner is not the permit or transfer holder of record, it is recommended that an assignment be filed with the Department. ***Each permit or transfer holder of record must sign this form.***

3. Permit or transfer holder of record (this may, or may not, be the current property owner)

PERMIT OR TRANSFER HOLDER OF RECORD Cameron and Rachel Koehn			
ADDRESS 67625 S. Newton Road			
CITY Burns	STATE OR	ZIP 97720	

ADDITIONAL PERMIT OR TRANSFER HOLDER OF RECORD Chad Bradach			
ADDRESS 65268 Highway 205			
CITY Burns	STATE OR	ZIP 97720	

4. Date of Site Inspection: **September 14, 2016**

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Cameron Koehn	9/14/2016	Owner

6. County: **Harney**

7. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(4)):

OWNER OF RECORD Chad Bradach			
ADDRESS 65268 Highway 205			
CITY Burns	STATE OR	ZIP 97720	

Add additional tables for owners of record as needed

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JAN 06 2017

SALEM, OR

SECTION 2
SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



CWRE NAME Gary DeJarnatt		PHONE NO.	ADDITIONAL CONTACT NO. John Short 541-389-2837
ADDRESS 20735 Double Peaks Drive			
CITY Bend	STATE OR	ZIP 97701	E-MAIL

Permit or Transfer Holder's of Record Signature or Acknowledgement

Each permit or transfer holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
<i>Cameron Koehn</i>	Cameron Koehn		12-20-16
<i>Rachel Koehn</i>	Rachel Koehn		12-20-16

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SECTION 3

CLAIM DESCRIPTION

1. Point of diversion/appropriation name or number:

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
WELL #1	HARN 986	L-125010
WELL #2	HARN 985	L-125009
WELL #5	HARN 51472	L-93562

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

2. Point of diversion/appropriation source and, if from surface water, the tributary:

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY
WELL #1, #2, #5	Malheur Slough Basin	

3. Developed use(s), period of use, and rate for each use:

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
WELL #1	IR	Hay	Mar 1 – Oct 31	2.1 cfs
WELL #2	IR	Hay	Mar 1 – Oct 31	2.1 cfs
WELL #5	IR	Hay	Mar 1 – Oct 31	3.0 cfs
Total Quantity of Water Used				3.0 cfs

4. Provide a general narrative description of the distribution works. This description must trace the water system from each point of diversion or appropriation to the place of use:

Water is pumped from one of the three wells to pivot and applied for crop irrigation

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

5. Variations:

Was the use developed differently from what was authorized by the permit,
permit amendment final order, or extension final order? If yes, describe below.

YES **NO**

(e.g. "The permit allowed three points of diversion. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

N/A

6. Claim Summary:

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
WELL #1	3.0 cfs	2.1 cfs	N/A	IR	122.0 ac	122.0 ac
WELL #2	3.0 cfs	2.1 cfs	N/A	IR	122.0 ac	122.0 ac
WELL #5	3.0 cfs	6.2 cfs	N/A	IR	122.0 ac	122.0 ac

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs or POAs?

YES NO

If "YES" you will need to copy and complete Sections 4B through 4G for each POD/POA.

POD/POA Name or Number this section describes (only needed if there is more than one):

WELL #1

A. Place of Use

1. Is the right for municipal use?

YES NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLot	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
24 S	33 E	WM	08	NW NE			IR	9.2	
24 S	33 E	WM	08	NE NW			IR	37.4	
24 S	33 E	WM	08	NW NW			IR	14.2	
24 S	33 E	WM	08	SW NW			IR	14.3	
24 S	33 E	WM	08	SE NW			IR	37.6	
24 S	33 E	WM	08	SW NE			IR	9.3	
Total Acres Irrigated								122.0	

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used?

YES NO

If "NO" items 2 through item 6 may be deleted.

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
			Submersible		

3. Motor Information

MANUFACTURER	HORSEPOWER
	25 hp

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
25 hp	25 psi	20 ft	1 ft	2.1 cfs

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January 27, 2017

Mr. Gerry Clark
Water Right Services Division
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

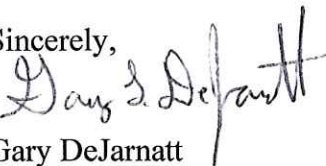
Re: Superseding CBU pages for Koehn Ap G-16381 & Bauer Ap G-16861.

Hello Gerry:

Per your request, please find included superseding pages with the pivot flows for both CBU's referenced.

Please don't hesitate to request further clarification.

Sincerely,



Gary DeJarnatt

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JAN 31 2017

SALEM, OR

5. Provide pump calculations:

See attached OWRD pump calculations – "WELL #1"

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
N/A			

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES NO

If "NO" items 8 through item 11 may be deleted.

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
	490 ft		Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
N/A			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL SPRINKLER OUTPUT (CFS)
N/A			

Reminder: For sprinkler output details see the end of this document.

11. Pivot Information

MANUFACTURER	MODEL	PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Nebraska Irrigation, Inc	WET	50	1.67

12. Additional notes or comments

C. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

YES NO

If "NO", items 2 through 8 relating to this section may be deleted.

2. Describe the access port (type and location) or other means to measure the water level in the well:

1" dia. access port in the well cover plate.

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JAN 31 2017

SALEM, OR

Superseded 1/31/2017

5. Provide pump calculations:

See attached OWRD pump calculations – “WELL #1”

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
N/A			

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES NO

If “NO” items 8 through item 11 may be deleted.

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
	490 ft		Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
N/A			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Nebraska Irrigation, Inc	1320 ft	25 psi		

12. Additional notes or comments related to the system:

N/A

C. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

YES NO

If “NO”, items 2 through 8 relating to this section may be deleted.

2. Describe the access port (type and location) or other means to measure the water level in the well:

1” dia. access port in the well cover plate.

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SALEM, OR

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

HARN 986

5. Is the appropriation from a dug well (sump)?

YES NO

If "NO", items 6 through 8 relating to this section may be deleted.

D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)

YES NO

If "NO", item 2 and 3 relating to this section may be deleted.

E. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

F. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

YES NO

Reminder: Complete this section if the reservoir right has been modified through the transfer process. If the claim is for a permitted reservoir use the Claim of Beneficial Use form for reservoirs.

If "NO", items 2 through 9 relating to this section may be deleted.

POD/POA Name or Number this section describes (only needed if there is more than one):

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JAN 06 2017

SALEM, OR

WELL #2**A. Place of Use**

1. Is the right for municipal use?

YES NO*If "YES" the table below may be deleted.*

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
24 S	33 E	WM	08	NW NE			IR	9.2	
24 S	33 E	WM	08	NE NW			IR	37.4	
24 S	33 E	WM	08	NW NW			IR	14.2	
24 S	33 E	WM	08	SW NW			IR	14.3	
24 S	33 E	WM	08	SE NW			IR	37.6	
24 S	33 E	WM	08	SW NE			IR	9.3	
Total Acres Irrigated								122.0	

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used?

YES NO*If "NO" items 2 through item 6 may be deleted.***2. Pump Information**

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
			Submersible		

3. Motor Information

MANUFACTURER	HORSEPOWER
	25 hp

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level during pumping	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
25 hp	25 psi	20 ft	1 ft	2.1 cfs

5. Provide pump calculations:**See attached OWRD pump calculations – "WELL #2"****6. Measured Pump Capacity (using meter if meter was present and system was operating)**

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
N/A			

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES NO

If "NO" items 8 through item 11 may be deleted.

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
	420 ft		Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
N/A			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Nebraska Irrigation, Inc.	1320 ft.	25 psi		

12. Additional notes or comments related to the system:

N/A

C. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

YES NO

If "NO", items 2 through 8 relating to this section may be deleted.

2. Describe the access port (type and location) or other means to measure the water level in the well:

1" dia. access port in the well cover plate.

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

HARN 985

5. Is the appropriation from a dug well (sump)?

YES NO

If "NO", items 6 through 8 relating to this section may be deleted.

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D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)

YES NO

If "NO", item 2 and 3 relating to this section may be deleted.

E. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

F. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

YES NO

Reminder: Complete this section if the reservoir right has been modified through the transfer process. If the claim is for a permitted reservoir use the Claim of Beneficial Use form for reservoirs.

If "NO", items 2 through 9 relating to this section may be deleted.

WELL #5

A. Place of Use

1. Is the right for municipal use?

YES NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
24 S	33 E	WM	08	NW NE			IR	9.2	
24 S	33 E	WM	08	NE NW			IR	37.4	
24 S	33 E	WM	08	NW NW			IR	14.2	
24 S	33 E	WM	08	SW NW			IR	14.3	
24 S	33 E	WM	08	SE NW			IR	37.6	
24 S	33 E	WM	08	SW NE			IR	9.3	
Total Acres Irrigated								122.0	

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

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JAN 06 2017

SALEM, OR

YES NO

1. Is a pump used?

If "NO" items 2 through item 6 may be deleted.

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
National	N280	00700B0000	Turbine		

3. Motor Information

MANUFACTURER	HORSEPOWER
Hollowshaft - US Motors	75 hp

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
75 hp	25	20 ft	1 ft	6.2 cfs

6.60

5. Provide pump calculations:

See attached OWRD pump calculations – "WELL #5"

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
N/A			

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES NO

If "NO" items 8 through item 11 may be deleted.

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
	3140 ft		Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
N/A			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
N/A					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Nebraska Irrigation, Inc	1320 ft	25 psi		

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12. Additional notes or comments related to the system:

N/A

C. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

YES NO

If "NO", items 2 through 8 relating to this section may be deleted.

2. Describe the access port (type and location) or other means to measure the water level in the well:

1" dia. access port in the well cover plate.

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

HARN 51472

5. Is the appropriation from a dug well (sump)?

YES NO

If "NO", items 6 through 8 relating to this section may be deleted.

D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)

YES NO

If "NO", item 2 and 3 relating to this section may be deleted.

E. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

F. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES NO

If "NO", items 2 through 4 relating to this section may be deleted.

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

YES NO

Reminder: Complete this section if the reservoir right has been modified through the transfer process. If the claim is for a permitted reservoir use the Claim of Beneficial Use form for reservoirs.

If "NO", items 2 through 9 relating to this section may be deleted.

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SECTION 5 CONDITIONS

All conditions contained in the permit, permit amendment, transfer final order, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits, transfer final orders, and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit, extension or transfer final order:

	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	2-24-2005		
BEGIN CONSTRUCTION (A)	N/A	7-15-2008	WELL #5 (HARN 51472) Drilled
COMPLETE CONSTRUCTION (B)	N/A	10-01-2015	System Complete
COMPLETE APPLICATION OF WATER (C)	10-01-2015	10-01-2015	Complete Application of Water to Beneficial Use

* MUST BE WITHIN PERIOD BETWEEN PERMIT, TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)?

YES NO

If "NO", you may delete item 3 in this section.

3. If for a transfer extension order, provide the following information:

VOLUME	PAGE	DATE EXTENDED TO

4. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement?

YES NO

If "NO", items 4b through 4d relating to this section may be deleted.

b. What month was the initial measurement to be taken in?

March

c. Was the measurement submitted to the Department?

YES NO

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
N/A			

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5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements?

YES NO

If "NO", items 5b through 5e relating to this section may be deleted.

b. Provide the month, or months, the static water level measurement(s) were to be made:

March

c. Were the static water level measurements taken in the month(s) required?

YES NO

d. If "YES", were those measurements submitted to the Department?

YES NO

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
<u>N/A</u>			

6. Pump Test (Required for most ground water permits prior to issuance of a certificate)

a. Did the permit require the submittal of a pump test?

YES NO

If "NO", items 6b through 6e relating to this section may be deleted.

b. Has the pump test been previously submitted to the Department?

YES NO

c. Is the pump test attached to this claim?

YES NO

d. Has the pump test been approved by the Department?

YES NO

e. Has a pump test exemption been approved by the Department?

YES NO

**** Claims will not be reviewed until a pump test or exemption has been approved by the Department**

7. Measurement Conditions:

a. Does the permit, permit amendment, transfer final order, or any extension final order require the installation of a meter or approved measuring device?

YES NO

If "NO", items 7b through 7f relating to this section may be deleted.

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed?

YES NO

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
<u>WELL #1</u>	<u>Elster</u>	<u>0783886</u>	<u>Working</u>	<u>64520</u>	
<u>WELL #2</u>	<u>Elster</u>	<u>0783886</u>	<u>Working</u>	<u>64520</u>	
<u>WELL #5</u>	<u>Elster</u>	<u>16319033</u>	<u>Working</u>	<u>81258</u>	

If a meter has been installed, items 7d through 7f relating to this section may be deleted.

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8. Recording and reporting conditions

a. Is the water user required to report the water use to the Department?

YES NO

If "NO", item 8b relating to this section may be deleted.

b. Have the reports been submitted?

YES NO

METHOD OF SUBMITTING REPORT (PAPER OR ELECTRONIC)	WATER USER REPORTING ID
Electronic	63137, 63138, 64158

If the reports have not been submitted, attach a copy of the reports if available.

9. Fish Screening

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion?

YES NO

If "NO", items 9b through 9e relating to this section may be deleted.

10. By-pass Devices

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion?

YES NO

If "NO", items 10b and 10c relating to this section may be deleted.

11. Other conditions required by permit, permit amendment final order, extension final order, or transfer final order:

a. Were there special well construction standards?

YES NO

b. Was submittal of a ground water monitoring plan required?

YES NO

c. Was the water user required to restore the riparian area if it was disturbed?

YES NO

d. Was a fishway required?

YES NO

e. Was submittal of a letter from an engineer required prior to storage of water?

YES NO

f. Was submittal of a water management and conservation plan required?

YES NO

g. Other conditions?

YES NO

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

**Measurement tube condition – not required until next time pump is pulled.
Well ID Tag condition – all wells have ID tags.**

SECTION 6**ATTACHMENTS**

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Pump Calcs	OWRD calculations of pump output
Well Logs	HARN 986, HARN 985, HARN 51472
CBU Map	Claim of Beneficial Use Map

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SALEM, OR

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

On site direct measurement,
NAIP Imagery

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☒ If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- N/A Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☒ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☒ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- N/A Source illustrated if surface water
- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

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SALEM, OR

Pump Capacity Calculation Sheet		WELL #1				
using Department designed formula:						
(hp)(efficiency) / (lift + psi head) = capacity in cfs						
Efficiency:						
Centrifugal = 6.61						
Turbine = 7.04						
Data Entry (fill in underlined blanks)						
HP = <u>25</u>						
Efficiency = <u>7.04</u>						
Lift = <u>21</u>						
PSI = <u>25</u>						
Results Calculated						
(hp)(efficiency) =		176				
Head based on psi =		63.5				
Total dynamic head =		84.5				
(head + lift)						
Pump Capacity =		2.08	cfs			

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SALEM, OR

Pump Capacity Calculation Sheet		WELL #2				
using Department designed formula:						
(hp)(efficiency) / (lift + psi head) = capacity in cfs						
Efficiency:						
Centrifugal = 6.61						
Turbine = 7.04						
Data Entry (fill in underlined blanks)						
HP = <u>25</u>						
Efficiency = <u>7.04</u>						
Lift = <u>21</u>						
PSI = <u>25</u>						
Results Calculated						
(hp)(efficiency) =		176				
Head based on psi =		63.5				
Total dynamic head =		84.5				
(head + lift)						
Pump Capacity =		2.08	cfs			

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SALEM, OR

Pump Capacity Calculation Sheet		WELL #5				
using Department designed formula:						
(hp)(efficiency) / (lift + psi head) = capacity in cfs						
Efficiency:						
Centrifugal = 6.61						
Turbine = 7.04						
Data Entry (fill in underlined blanks)						
HP = <u>75</u>						
Efficiency = <u>7.04</u>						
Lift = <u>21</u>						
PSI = <u>25</u>						
Results Calculated						
(hp)(efficiency) =		528				
Head based on psi =		63.5				
Total dynamic head =		84.5				
(head + lift)						
Pump Capacity =		6.25	cfs			

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SALEM, OR

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

HARN 985

WATER WELL REPORT

JAN 06 2017

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

STATE OF OREGON
(Please type or print)
(Do not write above this line)

State Well No.

248/33E-8ba

RECEIVED

(1) OWNER:

Name Mr. Walter Kliner
Address 1725 - 89th., N.E.
Bellevue, WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 432 ft. Gage #250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.
Type of perforator used Factory louvered
Size of perforations 1/8 in. by 2 1/2 in.
15, 120 perforations from 96 ft. to 432 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level
manager Western Water Wells
Was a pump test made? ☒ Yes ☐ No If yes, by whom?
Yield: 620 gal./min. with 180 ft. drawdown after 8 hrs.
" " " "
" " " "
Ball test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 59 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout
Well sealed from land surface to 18 ft. ft.
Diameter of well bore to bottom of seal 29 in.
Diameter of well bore below seal 29 in.
Number of sacks of cement used in well seal 7 sack
Number of sacks of bentonite used in well seal
Brand name of bentonite
Number of pounds of bentonite per 100 gallons
of water lbs./100 gals.
Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8 in.
Gravel placed from 18 ft. to 620 ft.

(10) LOCATION OF WELL:

County Maricopa District well number
SALEM, OREGON T.24 R.33-e W.M.

Bearing and distance from section or subdivision corner

312 ft. n.e. of center of the n.w. -
1/4 of sec. 8 t-24/ r-33-e

(11) WATER LEVEL: Completed well.

Depth at which water was first found 65 ft. ft.
Static level 8 ft. below land surface. Date 4/24/78
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29"
Depth drilled 620 ft. Depth of completed well 432' ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
top soil	0	2	
sand	2	5	
blue & green clay	5	65	
gray sandstone	65	74	
sandy gray clay	74	93	
sandstone	93	95	
green sandy clay	95	145	
black clay	145	190	
gray & green clay	190	248	
black clay	248	284	
coarse sand & med. gravel	284	290	
sand stringers of clay	290	307	
green claystone	307	329	
black cinders & sand	329	335	
gray sandstone	335	338	
soft sandstone & med sand	338	367	
gray clay sandstone strig	367	405	
coarse gray sand	405	408	
gray clay	408	440	

Work started 4/24/ 19 78 Completed 4/25/ 1978
Date well drilling machine moved off of well 4/25/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision.
Materials used and information reported above are true to my
best knowledge and belief.

[Signed] Burdell J. Houser Date 4-25-78
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.

Name Western Water Wells Inc.
(Person, firm or corporation) (Type or print)

Address 2485 W. Main St. Astoria, OR

[Signed] James B. Kliner
(Water Well Contractor)

Contractor's License No. 659 Date 4/25/ 1978

NOTICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

Please type or print

(Do not write above this line)

RECEIVED

JUN 2 1978

State Well No. 24833E-8ba

State Permit No.

(1) OWNER:

Name Mr. Walter Kleiner
Address 1725- 89th., N.E.
Bellevue WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 336 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Factory lowered

Size of perforations 1/8 in. by 2 1/2 in.
7,560 perforations from 168 ft. to 336 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level.

manager western water wells
Was a pump test made? ☒ Yes ☐ No. If yes, by whom?

Yield: 1,350 gal./min. with 180 ft. drawdown after 8 hrs.

" " "
" " "

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 56 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used grout cement
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 29 in.
Diameter of well bore below seal 29 in.
Number of sacks of cement used in well seal 7 sacks
Number of sacks of bentonite used in well seal sacks
Brand name of bentonite
Number of pounds of bentonite per 100 gallons
of water lbs./100 gals.
Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8
Gravel placed from 18 ft. to 380 ft.

(10) WATER RESOURCES DEPT.

SALEM, OREGON

County Marion Driller's well number

n.e. 1/4 n.w. 1/4 Section 8 T. 24 R. 33-e. W.M.

Bearing and distance from section or subdivision corner

512' n.e. of the center of the n.w. 1/4
of sec. 8 - t-24-s/r-33-e

(11) WATER LEVEL: Completed well.

Depth at which water was first found 68 ft.

Static level 8 ft. below land surface. Date 5/8/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 380 ft. Depth of completed well 336 ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
sand&clay small gravel	0	15	
tan sandy clay	15	20	
gray&blue clay	20	68	
gray sandstone & clay	68	83	
black silty clay	83	165	
black&gray clay	165	180	
clay&sand stringers	180	195	
gray&black silty clay	195	247	
fine sand	247	253	
gravel, sand, & pumice	253	299	
sandstone, clay, pumice	299		
green claystone, b. sand s		320	
corase black sandstone	320	332	
green claystone fract.	332	341	
green sandstone	341	370	
green clay	370	380	

Work started 5/8/ 1978 Completed 5/9/ 1978

Date well drilling machine moved off of well 5/ 10/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision.
Materials used and information reported above are true to my
best knowledge and belief.

[Signed] Bundell J. Hume Date 5-11, 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.

Name Western Water Wells Inc.
(Person, firm or corporation) (Type or print)

Address 2485 W. MAIN ST. PHILHARRON COLO.

[Signed] James B. Hume
(Water Well Contractor)

Contractor's License No. 659 Date 5/11, 1978

(USE ADDITIONAL SHEETS IF NECESSARY)

SP#45656-119

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JAN 06 2017

SALEM OR

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

HARN 51472

HARN 51472
WELL ID. # L 93562
START CARD # 197409

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

(1) LAND OWNER Well Number _____
Name LEAD BRADACH
Address PO Box 353
City BURNS State OR Zip 97720

(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 92 ft.
Explosives used: ☐ Yes ☐ No Type _____ Amount _____

BORE HOLE				SEAL			
Diameter	From	To	Material	From	To	Backs or Pounds	
10 5/8"	0	32	BENTONITE	0	32	18	
6"	32	92					

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

☒ Other POURED DRY

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

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	+1 1/2	78 1/4	2.50	☒	☐	☒	☐
Liner:				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None

Final location of shoe(s) 78 1/4

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

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

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

Yield gal/min	Drawdown	Drill stem at	Time
30		100	1 1/2 hrs
20		60	1 1/2 hrs

Temperature of water 53° 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 ☐ Gassy ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL (legal description)
County HARNEY
Tax Lot 101 Lot _____
Township 24 N of S Range 33 E or W WM
Section 07 NE 1/4 NE 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) S. NEWTON RD.

(10) STATIC WATER LEVEL
16 1/2 ft. below land surface. Date 7-18-08
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found 78'

From	To	Estimated Flow Rate	SWL
78	115	30+	16 1/2

(12) WELL LOG Ground Elevation 4150

Material	From	To	SWL
SANDY TOPSOIL	0	2	
BROWN CLAY	2	27	
GRAY CLAY	27	78	
GRAY CLAY - SAND	78		
STRONG TRACE OF GRAVEL	2	115	16 1/2
BOTTOM 23' FILLED WITH CAULKING SAND			

Date Started 7-15-08 Completed 7-17-08

(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 _____ 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.

WWC Number 1355 Date 7-18-08

Signed Keith A. Jay

WATER RESOURCES DEPT.
SALEM, OREGON

FIRST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER

06/16/2004

JAN 06 2017

SALEM, OR



Oregon
Kate Brown, Governor

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

August 16, 2016

CAMERON & RACHEL KOEHN
67625 S NEWTON RD
BURNS OR 97720

GW

The Department has accepted the pump test results for the following permitted well(s):

Application	Water Right	Permitted Well	Tested Well	Test Date	Test Status	Exemption	Owner's Well Name
G 16381	Permit: G 17374 *	HARN 1014	HARN 1014	04/20/2016	Approved		Well 5

Please contact me if you have any questions.

Sincerely,

Darrick Boschmann
Groundwater Section

cc: GW Pump Test File

Henry

MEMORANDUM

TO: ADRIENNE NICHOLS, GROUND WATER SECTION
FROM: CERTIFICATE SECTION – CONNIE VANCE
SUBJECT: PUMP TEST FOR PERMIT G-17374 APPLICATION G-16381
DATE: 4/29/2016

The attached pump test was recently received. We have retained the original for the application file.

S:\groups\wr\certs\Resource Center\pump test memo normal.doc

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Permit: 17374
GWRID: 3677
Logid: HARN 1014

Well Owner:

Name: Chad Bradach
Address: PO Box 353
County: Harney
City: Burns State: OR Zip: 97720
Original owner (from well log): Walter Kleiner

Well Location:

Township: 24 S Range: 33 E
Section: 17 $\frac{1}{4}$ SE $\frac{1}{16}$ NW $\frac{1}{64}$ NW
Well depth: 432.0 Date drilled: 5/3/1978
Owners well no. (if any): #5
POD ID: HARN 1014

Water Right Information:

Application: G-16381 Permit: G-17374 Certificate: _____
Is this well listed on more than one water right? ☐ Yes If yes, list additional water rights below:
Application: _____ Permit: _____ Certificate: _____
Application: _____ Permit: _____ Certificate: _____

Pump Test:

Test Conducted by: Scott Montgomery Well Owner? ☐ Yes
Company: All Points Engr & Surveying, Inc
Address: PO Box 767 Date of Test: 04/20/2016
City: Terrebonne State: OR Zip: 97760
Daytime phone: 541-548-5833

Method of discharge measurement (see our brochure for more information): Flow meter
Method of water-level measurement (pick one or enter other method used): Steel tape
Length of air line (if used): _____

Pump type (pick one or enter other method used): Turbine
Was the pump test conducted during normal use of the well? ☐ Yes Note: _____
Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? ☐ Yes Note: _____
If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: _____

Is there a lake, stream or other surface water body within $\frac{1}{4}$ mile of the tested well? ☐ Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: _____ ft Approx. elevation difference: _____ ft

Well elevation is above surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) 2 1/2" hole S side of casing

Measuring point distance above land surface 0.10 feet.

Static water level measurements: (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

Time	Depth to water below meas. point	Depth to water below land surface
<u>9:40 am</u>	<u>16.60</u>	<u>16.50</u>
<u>10:00 am</u>	<u>16.60</u>	<u>16.50</u>
<u>10:20 am</u>	<u>16.60</u>	<u>16.50</u>

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>10:30 am</u>	<u>375.00</u>	<u>gpm (gallons per minute)</u>
<u>11:30 am</u>	<u>375.00</u>	<u>gpm (gallons per minute)</u>
<u>12:30 pm</u>	<u>365.00</u>	<u>gpm (gallons per minute)</u>
<u>1:30 pm</u>	<u>360.00</u>	<u>gpm (gallons per minute)</u>
<u>2:30 pm</u>	<u>350.00</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 04/20/2016 Time 10:20 am
Time pump turned off: Date 04/20/2016 Time 2:20 pm
Total pumping time: 4 hours 0 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

Required Signature: _____

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SALEM, OR

PUMP TEST DATA SHEET

Application: G-16381 Permit: G-17374 Certificate: _____ Pod Id: HARN 1014

Drawdown Data

Recovery Data

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

MEMORANDUM

TO: ADRIENNE NICHOLS, GROUND WATER SECTION
FROM: CERTIFICATE SECTION – CONNIE VANCE
SUBJECT: PUMP TEST FOR PERMIT G-17374 APPLICATION G-16381
DATE: 4/29/2016

The attached pump test was recently received. We have retained the original for the application file.

S:\groups\wr\certs\Resource Center\pump test memo normal.doc

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name: Chad Bradach
Address: PO Box 353
County: Harney
City: Burns State: OR Zip: 97720
Original owner (from well log): Walter Kleiner

Well Location:

Township: 24 S Range: 33 E
Section: 17 $\frac{1}{4}$: SE $\frac{1}{16}$: NW $\frac{1}{64}$: NW
Well depth: 432.0 Date drilled: 5/3/1978
Owners well no. (if any): #5
POD ID: HARN 1014

Water Right Information:

Application: G-16381 Permit: G-17374 Certificate: _____
Is this well listed on more than one water right? ☐ Yes If yes, list additional water rights below:
Application: _____ Permit: _____ Certificate: _____
Application: _____ Permit: _____ Certificate: _____

Pump Test:

Test Conducted by: Scott Montgomery Well Owner? ☐ Yes
Company: All Points Engr & Surveying, Inc
Address: PO Box 767 Date of Test: 04/20/2016
City: Terrebonne State: OR Zip: 97760
Daytime phone: 541-548-5833

Method of discharge measurement (see our brochure for more information): Flow meter
Method of water-level measurement (pick one or enter other method used): Steel tape
Length of air line (if used): _____

Pump type (pick one or enter other method used): Turbine
Was the pump test conducted during normal use of the well? ☐ Yes Note: _____

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? ☐ Yes Note: _____
If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: _____

Is there a lake, stream or other surface water body within $\frac{1}{4}$ mile of the tested well? ☐ Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: _____ ft Approx. elevation difference: _____ ft

Well elevation is above surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) 2 1/2" hole S side of casing

Measuring point distance above land surface 0.10 feet.

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Time	Depth to water below meas. point	Depth to water below land surface
<u>9:40 am</u>	<u>16.60</u>	<u>16.50</u>
<u>10:00 am</u>	<u>16.60</u>	<u>16.50</u>
<u>10:20 am</u>	<u>16.60</u>	<u>16.50</u>

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>10:30 am</u>	<u>375.00</u>	<u>gpm (gallons per minute)</u>
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<u>12:30 pm</u>	<u>365.00</u>	<u>gpm (gallons per minute)</u>
<u>1:30 pm</u>	<u>360.00</u>	<u>gpm (gallons per minute)</u>
<u>2:30 pm</u>	<u>350.00</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 04/20/2016 Time 10:20 am
Time pump turned off: Date 04/20/2016 Time 2:20 pm
Total pumping time: 4 hours 0 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

Required Signature: _____

OWRD 2/9/2000

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SALEM, OR

PUMP TEST DATA SHEET

Page 1 of 1

Application: G-16381 Permit: G-17374 Certificate: _____ Pod_Id: HARN 1014

All water-level measurements must either be in feet and inches, or feet and decimal fractions.

Drawdown Data

Recovery Data

[illegible]

90% Recovery

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APR 28 2016

SALEM, OR



Oregon
Kate Brown, Governor

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

June 8, 2016

CHAD BRADACH
65268 HWY 205
BURNS OR 97720

On June 6, 2016 the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application G-16381 Permit G-17374

The COBU included a report and map. In the future the Department will review your submittal. At that time we will review these items and provide a final certificate, proposed certificate, or a request for additional information.

If you are interested in having your COBU reviewed sooner, you may pay to have your file processed immediately, using the Reimbursement Authority program, which is described at: http://www.wrd.state.or.us/OWRD/mgmt_reimbursement_authority.shtml

Customer Service phone: (503) 986-0801

If you sell the property, please contact the Department, or have the new owners contact the Department about the need to file an assignment.

Cc: file
Robert Jones

Completion Checklist for CWRE Claims of Beneficial Use

Application # G16381



Date Received 6/3/2016

CWRE Name Scott Montgomery Claim Logged yes

File Marked yes

Oversized Map # _____

Reviewer C.U.

Partial

Map Review:

- ☒ Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
- ☒ Application & permit #; or transfer # (OAR 690-014-0100(1))
- ☒ Disclaimer (OAR 690-014-0170(5))
- ☒ North arrow (OAR 690-310-0050(2)(c))
- ☒ CWRE stamp and signature (OAR 690-014 & 310-0050)
- ☒ Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map) (014 & 310)
- ☒ Township, range, section, and tax lot numbers (OAR 690-310-0050(4))
- ☐ Source illustrated if surface water (OAR 690-014-0170(3))
- ☐ Point(s) of diversion or appropriation (illustrated) (OAR 690-014(4) & 690-310-0050)
- ☐ Point(s) of diversion or appropriation (coordinates) (OAR 690-014(4) & 690-310-0050)
- ☐ Conveyance structures illustrated (pump, pipelines, ditches, etc.) (OAR 690-310-0050)
- ☐ Description of the location, in relation to the point of diversion or appropriation, of any fish screens, by-pass devices, and measuring devices required (OAR 690-014(4))
- ☐ Place of use (1/4 1/4, or projected 1/4 1/4 lines within DLCs, or Gov Lots; if irrigation, # of acres in each subdivision; if for domestic or human consumption, location of dwelling or spigot) (OAR 690-310-0050, 690-014, 690-380-6010)

Report Review:

- ☒ On form or format provided by the Department (OAR 690-014-0100(1))
- ☒ Application & permit #; or transfer # (OAR 690-014)
- ☒ Ownership information (OAR 690-014)
- ☒ Date of survey (OAR 690-014)
- ☒ Person interviewed (OAR 690-014)
- ☒ County (OAR 690-014)
- ☐ Description of conveyances system (from POD to POU) (OAR 690-014-0100)
- ☐ Source(s) of water (OAR 690-014-0100)
- ☐ Use, period of use, and rate for use (OAR 690-014-0100)
- ☐ Place of use location (OAR 690-014-0100)
- ☐ Type of use (OAR 690-014-0100)
- ☐ Extent of use (OAR 690-014-0100)
- ☐ Rate and Duty (OAR 690-014-0100)
- ☐ Diversion rate for each use (OAR 690-014-0100)
- ☐ Diversion works description (pump make, serial model, capacity, and description) (OAR 690-014-0100)
- ☐ System capacity (OAR 690-014-0100)
 - ☐ Calculated capacity of system (required)
 - ☐ Measured amount of use (optional)
- ☐ Permit/Transfer Final Order Conditions (OAR 690-014-0100)
 - ☐ Time limits
 - ☐ Initial water level measurements
 - ☐ Annual static water level measurements
 - ☐ Measurement, recording, and reporting
 - ☐ Meter/measuring device
 - ☐ Water use reporting
 - ☐ Fish screening and/or by-pass
 - ☐ Pump test (ground water)
 - ☐ Other conditions
- ☒ CWRE stamp and signature (OAR 690-014-0100)
- ☒ Signature(s) of permittee of transfer holder (OAR 690-014-0100)

DEF = deficient

N/A = Not Applicable

**CLAIM OF
BENEFICIAL USE
for Permits claiming more
than 0.1 cfs and All Transfers**



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

**A fee of \$175 must accompany this form for permits
with priority dates after July 8, 1987.**

**A fee of \$175 must accompany this form for any Transfer final orders
including a water right with a priority date of July 9, 1987, or later.**

**Example – A transfer involves 5 rights and one of the rights
has a priority date of July 9, 1987, or later, the fee is required.**

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SECTION 1

JUN 03 2016

GENERAL INFORMATION

SALEM, OR

1. File Information

APPLICATION # (G, R, S or T) T-11940/G-16381	PERMIT # (IF APPLICABLE) G-17374	PERMIT AMENDMENT # (IF APPLICABLE)
--	--	------------------------------------

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Chad Bradach		PHONE NO. 541-589-0940	ADDITIONAL CONTACT NO.
ADDRESS 65268 Hwy 205			
CITY Burns	STATE OR	ZIP 97720	E-MAIL ccbradach@gmail.com

If the current property owner is not the permit or transfer holder of record, it is recommended that an assignment be filed with the Department. ***Each permit or transfer holder of record must sign this form.***

3. Permit or transfer holder of record (this may, or may not, be the current property owner)

PERMIT OR TRANSFER HOLDER OF RECORD Same as above		
ADDRESS		
CITY	STATE	ZIP

ADDITIONAL PERMIT OR TRANSFER HOLDER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection: **April 20, 2016**

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Chad Bradach	4/20/16	Owner/Permit Holder

6. County: **Harney**

7. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(4)):

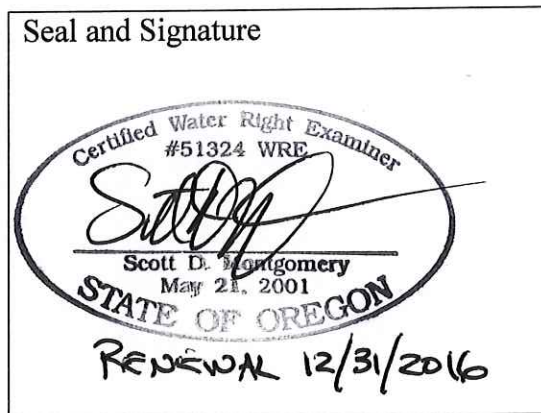
OWNER OF RECORD Cameron & Rachel Koehn		
ADDRESS 67625 S Newton Rd		
CITY Burns	STATE OR	ZIP 97720

Add additional tables for owners of record as needed

SECTION 2 SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



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JUN 03 2016

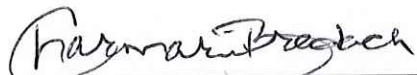
SALEM, OR

CWRE NAME Scott D Montgomery	PHONE NO. 541-548-5833	ADDITIONAL CONTACT NO. 541-420-0401	
ADDRESS PO Box 767			
CITY Terrebonne	STATE OR	ZIP 97760	E-MAIL scott@apeands.com

Permit or Transfer Holder's of Record Signature or Acknowledgement

Each permit or transfer holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Chad Bradach	Owner/Permit Holder	5/19/16
	Charmarie Bradach	Owner/Permit Holder	5/19/16

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SALEM, OR

SECTION 3

CLAIM DESCRIPTION

1. Point of diversion/appropriation name or number:

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
#4	HARN 982	L113253
#5	HARN 1014	L113254

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

2. Point of diversion/appropriation source and, if from surface water, the tributary:

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY
#4	Well	Malheur Slough Basin
#5	Well	Malheur Slough Basin

3. Developed use(s), period of use, and rate for each use:

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
#4	IRR	Grass Hay	Mar 1 – Oct 31	360 AF*
#5	IRR	Grass Hay	Mar 1 – Oct 31	360 AF*
Total Quantity of Water Used				360 AF*

*Duty total from combined wells

4. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of diversion or appropriation to the place of use:

Water is pumped from two wells & conveyed by buried conduit to a center pivot sprinkler to irrigate the place of use.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

5. Variations:

Was the use developed differently from what was authorized by the permit,
permit amendment final order, or extension final order? If yes, describe below.

NO

6. Claim Summary:

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
#4	1.5 cfs	1.05 cfs		IR		120.0
#5	1.5 cfs	1.05 cfs	0.87 gpm	IR		120.0

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SALEM, OR

SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs or POAs?

YES

POD/POA Name or Number this section describes (only needed if there is more than one):

#4 (HARN 982)

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A. Place of Use

JUN 03 2016

1. Is the right for municipal use?

NO

SALEM, OR

TWP	RNG	MER	SEC	QQ	GLot	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
24S	33E	WM	17	NE NE			IR	30.0	
24S	33E	WM	17	NW NE			IR	30.0	
24S	33E	WM	17	SW NE			IR	30.0	
24S	33E	WM	17	SE NE			IR	30.0	
Total Acres Irrigated								120.0	

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used?

YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Johnson		JP27220	Turbine	16"	6"

3. Motor Information

MANUFACTURER	HORSEPOWER
Waddell	30

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
30	40	100'	0	1.05

5. Provide pump calculations:

$$Q = \frac{7.04 \text{ ft}^4/\text{hp/s} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(30)}{201.6} = 1.05 \text{ cfs}$$

$$\text{Total head} = 101.6 + 100 + 0 = 201.6$$

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
6"	2840 LF	Aluminum	Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
NA			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
NA					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Pierce	1290 LF	35	750	1.67

12. Additional notes or comments related to the system:

Well 4 & Well 5 supply water together to the sprinklers

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JUN 03 2016

C. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

SALEM, OR

YES

2. Describe the access port (type and location) or other means to measure the water level in the well:

2" hole South side of casing

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
See well log						

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

5. Is the appropriation from a dug well (sump)?

NO

D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)

NO

E. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

NO

F. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

NO

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

NO

POD/POA Name or Number this section describes (only needed if there is more than one)

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#5 (HARN 1014)

JUN 03 2016

A. Place of Use

SALEM, OR

1. Is the right for municipal use?

NO

TWP	RNG	MER	SEC	QQ	GLot	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
24S	33E	WM	17	NE NE			IR	30.0	
24S	33E	WM	17	NW NE			IR	30.0	
24S	33E	WM	17	SW NE			IR	30.0	
24S	33E	WM	17	SE NE			IR	30.0	
Total Acres Irrigated								120.0	

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLot), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLot, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used?

YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Johnson		189400	Turbine	16"	6"

3. Motor Information

MANUFACTURER	HORSEPOWER
GE	30

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
30	40	100'	0	1.05

5. Provide pump calculations:

$$Q = \frac{7.04 \text{ ft}^4/\text{hp}/5 \times \text{hp}}{\text{Total Head, ft}} = \frac{(7.04)(30)}{201.6} = 1.05 \text{ cfs}$$

$$\text{Total head, ft} = 101.6 + 100 + 0 = 201.6$$

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
89.741 AF	90.030 AF	4 hours	0.87

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
6"	2600 LF	Aluminum	Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
NA			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
NA					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Pierce	1290 LF	35	750	1.67

12. Additional notes or comments related to the system:

Wells 4 & 5 both supply water to the sprinklers & place of use

C. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

YES

2. Describe the access port (type and location) or other means to measure the water level in the well:

2 1/2" hole South side of casing

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3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
See well log						

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

5. Is the appropriation from a dug well (sump)?

NO

D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)

NO

E. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

NO

F. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

NO

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

NO

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SECTION 5 CONDITIONS

All conditions contained in the permit, permit amendment, transfer final order, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits, transfer final orders, and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit, extension or transfer final order:

	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	May 21, 2015		
BEGIN CONSTRUCTION (A)	NA	NA	NA
COMPLETE CONSTRUCTION (B)	NA	NA	NA
COMPLETE APPLICATION OF WATER (C)	Oct 1, 2015	Aug 2015	Wells constructed, piping, meters & sprinklers plumbed & fields harvested

* MUST BE WITHIN PERIOD BETWEEN PERMIT, TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)?

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NO

4. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement?

SALEM, OR

YES

b. What month was the initial measurement to be taken in?

c. Was the measurement submitted to the Department?

YES

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
Unknown			

5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements?

YES

b. Provide the month, or months, the static water level measurement(s) were to be made:

March

c. Were the static water level measurements taken in the month(s) required?

YES

d. If "YES", were those measurements submitted to the Department?

YES

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT

6. Pump Test (Required for most ground water permits prior to issuance of a certificate)

- a. Did the permit require the submittal of a pump test? **YES**
- b. Has the pump test been previously submitted to the Department? **YES**
- c. Is the pump test attached to this claim? **RECEIVED BY OWRD** **NO**
- d. Has the pump test been approved by the Department? **JUN 03 2016** **YES** **NO**
- e. Has a pump test exemption been approved by the Department? **NO**

7. Measurement Conditions:

- a. Does the permit, permit amendment, transfer final order, or any extension final order require the installation of a meter or approved measuring device? **SALEM, OR** **YES**
- b. Has a meter been installed? **YES**
- c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
#5	McCrometer	15-04908-06	Running	90.030	June 2015
#4	McCrometer	15-04878-06	Running	116.857	June 2015

8. Recording and reporting conditions

- a. Is the water user required to report the water use to the Department? **YES**
- b. Have the reports been submitted? **YES**

METHOD OF SUBMITTING REPORT (PAPER OR ELECTRONIC)	WATER USER REPORTING ID
Unknown	63139 & 63140

If the reports have not been submitted, attach a copy of the reports if available.

9. Fish Screening

- a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? **NO**

10. By-pass Devices

- a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **NO**

11. Other conditions required by permit, permit amendment final order, extension final order, or transfer final order:

- a. Were there special well construction standards? **NO**
- b. Was submittal of a ground water monitoring plan required? **NO**
- c. Was the water user required to restore the riparian area if it was disturbed? **NO**
- d. Was a fishway required? **NO**
- e. Was submittal of a letter from an engineer required prior to storage of water? **NO**
- f. Was submittal of a water management and conservation plan required? **NO**
- g. Other conditions? **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

--

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Well logs	HARN 982 & 1014
Aerial Imagery	NRCS aerial imagery PICTURES OF FIELD WELLS

SITE PHOTOS

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The well, meter, piping & sprinkler were tied to approx. section lines using a Garmin ETREX handheld & imported into CAD software with statewide Lambert projection coordinate system.

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☒ If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- ☐ NA Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☒ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☒ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- ☐ NA Source illustrated if surface water

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- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

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SALEM, OR

RECEIVED

WATER WELL REPORT

STATE ENGINEER OF OREGON
within 30 days from the date
of well completion.**RECEIVED**State Well No. 24/33E-8cd

State Permit No. _____

WATER RESOURCES DEPT.

SEP 8 1978

REF. # 10

(1) OWNER: SALEM, OREGON

WATER RESOURCES DEPT. (10) LOCATION OF WELL:

Name Mr. Walter Kleiner SALEM, OREGON

Address 1725 - 89th. N.E.

Bellevue WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

16" Diam. from 0 ft. to 480' ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used factory louvered

Size of perforations 1/8 in. by 2 1/2 in.

14,976 perforations from 168 ft. to 480' ft.

perforations from ft. to ft.

perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level

to be tested at a later date.

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield: 909 gal./min. with 281 ft. drawdown after 68 hrs.

" " " "

" " " "

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 60° Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout

Well sealed from land surface to 18' ft.

Diameter of well bore to bottom of seal 29" in.

Diameter of well bore below seal 29" in.

Number of sacks of cement used in well seal 7 sack sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons

of water lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size; location ft.Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8

Gravel placed from 18' ft. to 500' ft.

County Harney

Driller's well number

#4

S.E. & S.W. Section #8 T.24-S.R.33-E W.M.

Bearing and distance from section or subdivision corner

600' ft. due so. east of center pivot.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 89' ft.

Static level 20' ft. below land surface. Date May 21/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29"

Depth drilled 500' ft. Depth of completed well 480' ft.

Formation: Describe color, texture, grain size and structure of materials: and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
top soil	0	2	
gray sandy clay	2	22	
green clay&black sandstone	22	194	-
gray sandstone	194	210	
gray&black clays	210	274	
olive green clay	274	314	
fine gravel& sandstone	314	330	
tan sandstone	330	362	
gray & green clays	362	384	
green& black sandstone	384	404	
claystone& sandstone	404	427	
gray sandstone (dry)	427	435	
blue green claystone	435		
& sandstone		500	

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SALEM, OR

Work started May/ 21 1978 Completed May/ 23 1978

Date well drilling machine moved off of well May/ 24/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Burdell J. Houser Date May 28, 1978

(Drilling machine operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Western Water Wells Inc.

(Person, firm or corporation)

(Type or print)

Address

[Signed] James B. Houser

(Water Well Contractor)

Contractor's License No. 659 Date MAY 28, 1978

The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

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JUN 2 1978

State Well No. 24S/33E-17b

State Permit No.

WATER RESOURCES DEPT.

(1) OWNER:

Name Mr. Walter Kleiner
Address 1725- 89th. N.E.
Bellevue. WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

16" Diam. from 0 ft. to 432 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used factory lower

Size of perforations 1/8 in. by 2 1/2 in.
12,960 perforations from 120 ft. to 432 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level

manger western water wells
Was a pump test made? ☒ Yes ☐ No If yes, by whom?

Yield: 746 gal./min. with 182 ft. drawdown after 8 hrs.

" " " "

Ballor test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

perature of water 59 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout

Well sealed from land surface to 18 ft.

Diameter of well bore to bottom of seal 29 in.

Diameter of well bore below seal 29 in.

Number of sacks of cement used in well seal 7 sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons

of water lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8

Gravel placed from 18 ft. to 437 ft.

(10) LOCATION OF WELL:

County Harney Driller's well number
S.e. 1/4 N.W. 1/4 Section 17 T. 24 R. 33-e. W.M.

Bearing and distance from section or subdivision corner
14 ft. so. so. east of center of the
N.W. 1/4 of sec. 17- T-24-S/R-33-e.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 76 ft.

Static level 8 ft. below land surface. Date 5/1/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 437 ft. Depth of completed well 432 ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
top soil	0	4	
cons. sand&gravel	4	12	
tan clay	12	24	
gray&green clay trace s.s.	24	87	
fine sand	87	90	
gray clay stringer black	90	171	
green & gray clay	171	235	
black sand	235	240	
black&gray clay	240	315	
green clay	315	330	
sand&gravel med.	330	337	
pumis&clay gray	337	370	
sandstone&gray clay stri.	370	393	
black sand&gray clay	393	406	
coarse sand&B. cinders	406	430	
green clay	430	437	

Work started 5/1/ 1978 Completed 5/3/ 1978

Date well drilling machine moved off of well 5/4/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision.
Materials used and information reported above are true to my
best knowledge and belief.

[Signed] Burkley J. Houser Date 5-6-78

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.

Name Western Well Drilling Co.

(Person, firm or corporation)

(Type or print)

Address 2450 W. Main St. Idaho Falls, Colo.

[Signed] James B. Houser

(Water Well Contractor)

Contractor's License No. 657 Date 5/6/78

(USE ADDITIONAL SHEETS IF NECESSARY)

SP#45558-119

HARN 1014

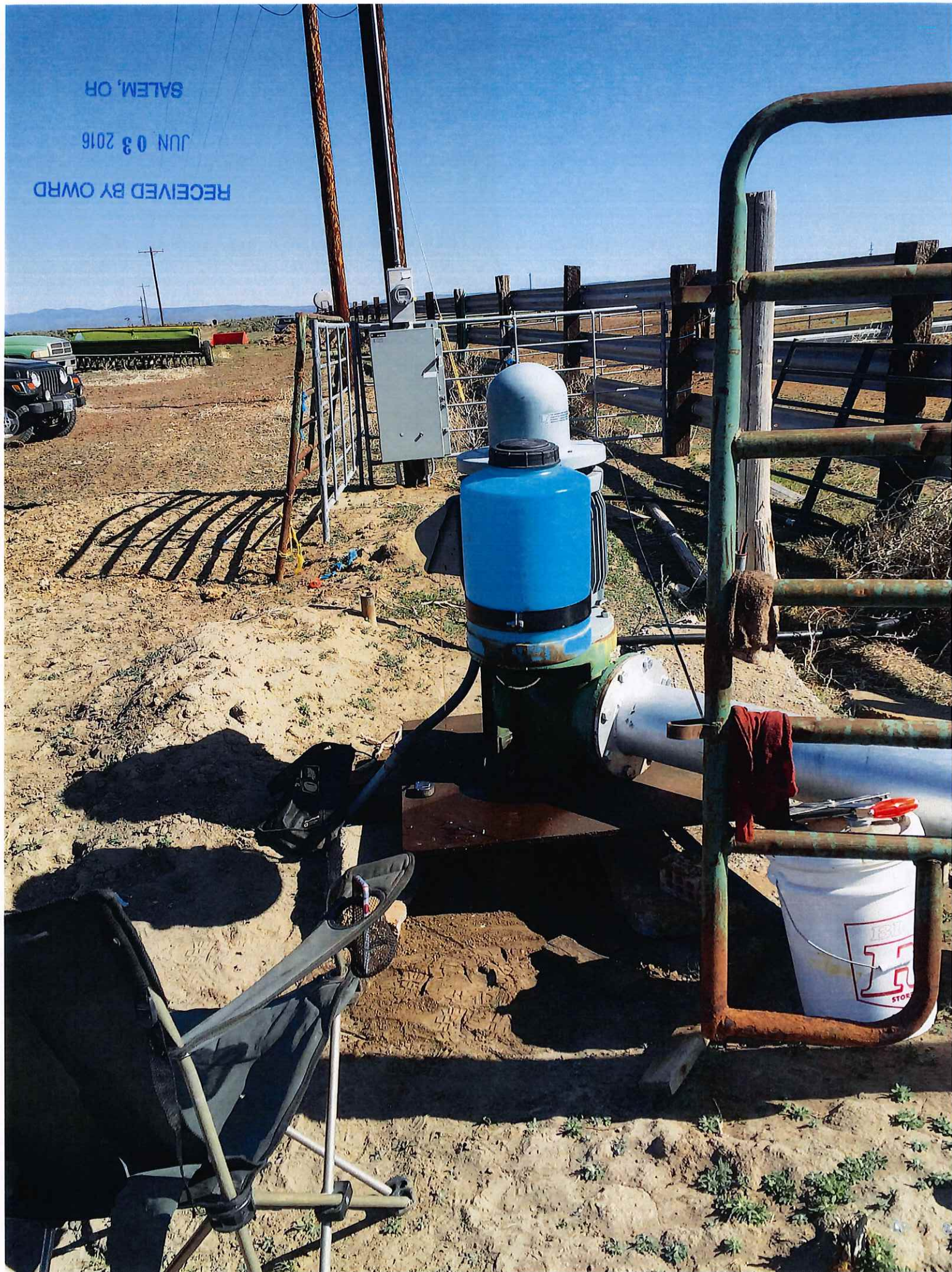
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ALL POINTS
ENGINEERING & SURVEYING, INC.
P.O. Box 767 (CRR)
Terrebonne, Oregon 97760

TRANSMITTAL

To:
ATTN: Oregon Water Resources Dept
725 Summer St NE, Suite A
Salem, OR 97301-1266

Date: 5/31/16
Attention: COBU's
RE: COBU for Permit G-17374

☒ Prints ☐ Plans ☐ Plat ☐ Specifications.

Attached is the Claim of Beneficial Use & Final Proof Map for Chad Bradach for Permit G-17374.

If you have any questions please call or email me.

Copies	No.	Description
1	1	COBU ((13 pages letter bond)
1	2	Well logs (2 Pages letter bond)
1	3	Map (1 page mylar)
1	4	Check for \$175.00 ²
1	5	Aerial imagery (1 page letter bond) SITE PHOTOS

Signed: _____

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Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer St NE, Suite A
Salem, OR 97301
Phone (503) 986-0900
Fax (503) 986-0904
www.wrd.state.or.us

December 15, 2014

CAMERON L. KOEHN
67625 S NEWTON RD
BURNS, OR 97720

REFERENCE: Permit Amendment Application T-11883

Enclosed is a copy of the order approving your Permit Amendment application.

Also enclosed is a superseding permit that incorporates the amendments approved by the final order contained herein. Please read this document and abide by the requirements.

If you have any questions related to the approval of this permit amendment, you may contact your caseworker by telephone at (503) 986-0890 or by e-mail at Sarah.A.Henderson@wrds.state.or.us

Sincerely,

Codi Holmes

Codi Holmes
Water Rights Services Support
Transfer and Conservation Section

cc: JR Johnson, Watermaster Dist. # 10 (via email)
John A. Short, Agent

Enclosure



**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-11883, Harney County	)	APPROVING AN ADDITIONAL POINT
	)	OF APPROPRIATION

Authority

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

CAMERON AND RACHEL KOEHN
67625 S NEWTON RD
BURNS, OR 97720

Findings of Fact

1. On August 18, 2014, CAMERON and RACHEL KOEHN filed an application for an additional point of appropriation under Permit G-15986. The Department assigned the application number T-11883.
2. On August 20, 2014, the Department approved a partial assignment of the permit to Cameron and Rachel Koehn.
3. On September 28, 2010, the Department approved an extension of time for complete application of water to October 1, 2015.
4. Notice of the application for the permit amendment was published in the Department's weekly notice on September 2, 2014, and in the Burns Times Herald newspaper on December 3 and 10, 2014, pursuant to ORS 540.520(5). No comments were filed in response to the notices.
5. Permit Amendment Application T-11883 proposes an additional point of appropriation approximately 0.6 mile from the existing point of appropriation (Well #1) and 0.5 mile from the existing point of appropriation (Well #2) to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
24 S	33 E	WM	7	NE NE	WELL 5: 1320 FEET SOUTH AND 1290 FEET WEST FROM THE NW CORNER OF SECTION 8

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CHAD BRADACH
65443 HWY 78 (541)493-2366
BURNS, OR 97720

CAMERON AND RACHEL KOEHN
67625 S NEWTON RD
BURNS, OR 97720

This superseding permit is issued to describe an amendment for an additional point of appropriation proposed under Permit Amendment Application T-11883 and approved by Special Order Vol. 93, Page 942, entered Dec. 11 2014, and to describe an extension of time for complete application of water approved September 28, 2010 and an assignment to a new permittee approved August 20, 2014. This permit supersedes Permit G-15986.

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

APPLICATION FILE NUMBER: G-16381

SOURCE OF WATER: FIVE WELLS IN MALHEUR SLOUGH BASIN

PURPOSE OR USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: February 24, 2005

WELL LOCATIONS:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
24 S	33 E	WM	8	NE NW	WELL 1: 882 FEET SOUTH AND 1851 FEET EAST FROM THE NW CORNER OF SECTION 8
24 S	33 E	WM	8	NE NW	WELL 2: 1167 FEET SOUTH AND 1520 FEET EAST FROM THE NW CORNER OF SECTION 8
24 S	33 E	WM	8	NE SW	WELL 3: 1325 FEET NORTH AND 1352 FEET EAST FROM THE SW CORNER OF SECTION 8
24 S	33 E	WM	8	SE SW	WELL 4: 700 FEET NORTH AND 1878 FEET EAST FROM THE SW CORNER OF SECTION 8
24 S	33 E	WM	7	NE NE	WELL 5: 1320 FEET SOUTH AND 1290 FEET WEST OF THE NW CORNER OF SECTION 8

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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 and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

Completion of construction and complete application of the water to the use shall be made on or before October 1, 2015. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued Dec 11, 2014



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



Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrd.state.or.us

May 21, 2015

CHAD AND CHARMARIE R. BRADACH

PO BOX 353

BURNS, OR 97720

REFERENCE: Permit Amendment Application T-11940

Enclosed is a copy of the order approving your Permit Amendment application.

Also enclosed is a superseding permit that incorporates the amendments approved by the final order contained herein. Please read this document and abide by the requirements.

If you have any questions related to the approval of this permit amendment, you may contact your caseworker, Sarah Henderson, by telephone at (503) 986-0890 or by e-mail at Sarah.A.Henderson@wrđ.state.or.us

Sincerely,

Codi Holmes

Water Rights Services Support

Transfer and Conservation Section

cc: Tony D. Rutherford, Watermaster Dist. # 10 (via email)
Scott D. Montgomery, Agent

Enclosure



**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-11940, Harney County	)	APPROVING A CHANGE IN POINT
	)	OF APPROPRIATION AND A
	)	CHANGE IN PLACE OF USE

Authority

Oregon Revised Statute (ORS) 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

CHAD BRADACH
65268 HWY 205
BURNS, OR 97720

Findings of Fact

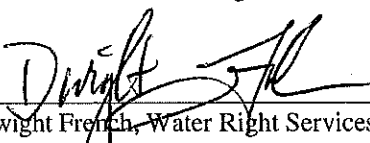
1. On December 8, 2014, CHAD & CHARMARIE BRADACH filed an application to change the point of appropriation and place of use under Permit G-15986. The Department assigned the application number T-11940.
2. On September 28, 2010, the Department approved an extension of time for complete application of water to October 1, 2015.
3. On August 20, 2014, the Department approved a partial assignment of the permit to Cameron and Rachel Koehn.
4. On December 11, 2014, a final order approving an additional point of appropriation on Permit G-15986 was issued, and a superseding Permit G-17313 was issued to replace Permit G-15986.
5. On March 19, 2015, the applicant contacted the Department via e-mail to remove Charmarie Bradach from the application and to amend the tables and the permit number within the application.

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 and OAR 690-01-0005 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Permit G-17313, in the name of CHAD BRADACH AND CAMERON AND RACHEL KOEHN, is no longer of any force or effect.

3. The combined quantity of water diverted at the new point of appropriation, together with that diverted at the old points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.
4. Water use measurement conditions:
 - a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device at each point of appropriation (new and existing).
 - b. The water user shall maintain the meters or measuring devices in good working order.
 - c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.
5. Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.
6. Dedicated Measuring Tube: Wells with pumps shall be equipped with a minimum 3/4-inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit, and if static water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that water levels cannot be measured or the pump is repaired or replaced.
7. Water shall be acquired from the same aquifer as the original point of appropriation.
8. The former place of use shall no longer be irrigated as part of this permit.
9. All other terms and conditions of Permit G-17313 remain the same.

Dated at Salem, Oregon this 21 day of May, 2015.


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

Mailing Date: MAY 26 2015

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CHAD BRADACH
65268 HWY 205
BURNS, OR 97720

CAMERON AND RACHEL KOEHN
67625 S NEWTON RD
BURNS, OR 97720

This superseding permit is issued to describe an amendment for a change in point of appropriation and place of use proposed under Permit Amendment Application T-11940 and approved by Special Order Vol. 95, Page 831-833, entered MAY 21 2015, and to describe an extension of time for complete application of water approved September 28, 2010 and an assignment to a new permittee approved August 20, 2014. This permit supersedes Permit G-17313.

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

APPLICATION FILE NUMBER: G-16381

SOURCE OF WATER: FIVE WELLS IN MALHEUR SLOUGH BASIN

PURPOSE OR USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: February 24, 2005

WELL LOCATIONS:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
24 S	33 E	WM	8	NE NW	WELL 1: 882 FEET SOUTH AND 1851 FEET EAST FROM THE NW CORNER OF SECTION 8
24 S	33 E	WM	8	NE NW	WELL 2: 1167 FEET SOUTH AND 1520 FEET EAST FROM THE NW CORNER OF SECTION 8
24 S	33 E	WM	8	SE SW	WELL 4: 700 FEET NORTH AND 1878 FEET EAST FROM THE SW CORNER OF SECTION 8
24 S	33 E	WM	7	NE NE	WELL 5: 1320 FEET SOUTH AND 1290 FEET WEST OF THE NW CORNER OF SECTION 8
24 S	33 E	WM	17	SE NW	WELL 6: 1320 FEET SOUTH AND 1334 FEET EAST FROM THE NW CORNER OF SECTION 17

Existing Permit Conditions

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a 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.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

To monitor the effect of water use from the wells authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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 and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

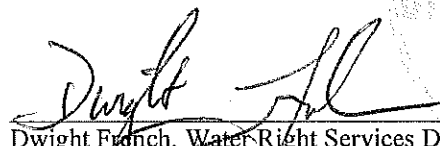
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

Completion of construction and complete application of the water to the use shall be made on or before October 1, 2015. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued May 21, 2015



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



Oregon

John A. Kitzhaber, MD, Governor

August 22, 2014

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrds.state.or.us

Cameron and Rachel Koehn
67625 Newton Rd.
Burns, Oregon 97720

Reference: Application G-16381, Permit G-15986

The partial assignment by proof from Chad Bradach to Cameron L. Koehn and Rachel A. Koehn has been recorded in the records of the Water Resources Department.

The Departments records will now show Chad Bradach and Cameron L. Koehn and Rachel A. Koehn as the permit/transfer holder(s) of record.

Our records have been changed accordingly and the original request is enclosed. Receipt number 113127 covering the recording fee is also enclosed.

A permit is not a perfected water right, and has conditions and timelines that must be satisfied prior to a Certificate of Water Right being issued. Please review the permit to be familiar with the conditions and timelines contained in the permit.

Please note that this permit requires complete application of water to the proposed use by October 1, 2015, and within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Sincerely,

Jerry Sauter
Water Rights Program Analyst
Water Right Services Division

Enclosure: receipt 113127

cc: Watermaster 10
Chad Bradach
Data Center, OWRD (cover letter & request)
Hydrographics
File

AUG 18 2014

SALEM, OR



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

Request for Assignment By Proof of Ownership (If Water Right Holder is Not Available)

If for multiple rights, a separate form and fee for each right will be required.

I, CAMERON L KOEHN AND RACHEL A KOEHN

(Name of Party Requesting Assignment)

67625 S NEWTON RD

(Mailing Address)

BURNS

(City)

OR 97720

(State) (Zip)

(Phone #)

- ☐ hereby request assignment of application/permit/transfer/license/GR Certificate of Registration;
- ☒ hereby request assignment of a portion of application/permit/transfer/license/GR Certificate of Registration; (You must include a map showing the portion of the application/permit/transfer/license/GR Certificate of Registration to be assigned.)

I have attached proof of ownership that may include but not be limited to: a copy of the deed to the land, a copy of a land sales contract, a court order or decree, documentation of survivorship of property held jointly. The Department cannot accept a copy of a tax statement.

Application # G-16381; Permit # G-15986; Transfer# _____

-OR-

License # _____ GR Statement # _____; GR Certificate of Registration # _____

CHAD BRADACH

(Name of Holder of Record)

65443 HWY 78

(Mailing Address)

BURNS

(City)

OR 97720

(State) (Zip)

(Phone #)

Note: You are required to furnish proof acceptable to the Department that notice of the assignment has been given or attempted for each identified property owner not a party to the assignment. ORS 537.220(2) Failure to submit this proof will result in the return of your request. (Proof may include but not be limited to: a copy of returned certified mailing, copy of a Death Certificate, or a court order.)

- 1) I certify that I am the current owner of the property described in this application, Permit, transfer, license or GR Certificate of Registration.
- 2) I have the legal right to request assignment under OAR 690-310-0280 and 690-320-0060.
- 3) I have not been able to contact the owner(s) of record for the above referenced application or water right.
- 4) I further certify that the information provided herein is true and correct to the best of my knowledge.

Witness my hand this 14th day of August, 20 14.

Party Requesting Assignment _____

Party Requesting Assignment _____

DO NOT WRITE IN THIS BOX
Water Rights Division

- This certifies assignment and record change at Oregon Water Resources Department effective 8:00a.m. on date of receipt at Salem, Oregon.
- Fee receipt # 113124
- For Director by Jerry Sauter, Program Analyst in _____

Last updated: July 19, 2013 Request for Assignment if Permit Holder not available

The completed "Request for Assignment" form *must* be submitted to the Department along with the recording fee of \$85.

ASCE Key Partial By Proof
JLS 8/20/2014

WR

After Recording Return to:
Cameron and Rachel Koehn
67625 S Newton Rd
Burns, OR 97720

Until a change is requested
tax statements should be sent to:
Cameron and Rachel Koehn
67625 S Newton Rd
Burns, OR 97720

RECEIVED BY OWRD

AUG 18 2014

SALEM, OR

HARNEY COUNTY, OR
DEEDWD

2014-0103

Total: \$41.00

01/31/2014 02:23 PM



00007399201400001030010010

I, Derrin Robinson, County Clerk for Harney County, Oregon certify that the instrument identified herein was recorded in the Clerk records.

Derrin Robinson
Derrin E. Robinson, Harney County Clerk



WARRANTY DEED

CHAD R AND CHARMARIE R BRADACH, PO Box 353, Burns, OR Grantor, hereby conveys to CAMERON L KOEHN AND RACHEL A KOEHN, HUSBAND AND WIFE, 67625 S Newton Rd., Burns, OR 97720, Grantee, the real property, located in Harney County, Oregon, more particularly described as follows;

In Township 24 S., Range 33 E., W.M.

Section 7: A Parcel of land located in the E1/2 more particularly described as follows;
Parcel No. 1 of Partition Plat No. 00-11-127 recorded November 11, 2000 as
Instrument No 20002284, Harney County Plat Records.

Section 8: N1/2

Together with all irrigation equipment used in whole or in part, to irrigate the property; and including all rents, issues, profits, buildings and improvements thereon and in all tenements, hereditaments, rights, privileges, easements, rights of way and appurtenances, (including without limitation private roads, grazing privileges, water rights, ditches and conduits and rights of way therefor, all plumbing, lighting, heating cooling ventilating elevating and irrigating apparatus and other equipment fixtures, now or hereafter attached to or used in connection with the property;

and covenants that grantor is the owner of the above described property free of all encumbrances except and subject to those reservations and easements of record.

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

The consideration paid for this transfer is \$750,000.00. A portion of the true consideration for this conveyance is pursuant to an IRC 1031 Tax Deferred Exchange on behalf of the Grantor.

DATED: 1-30, 2014

Chad R Bradach
Chad R Bradach

Charmarie R Bradach
Charmarie R Bradach

STATE OF OREGON, County of Harney) ss.

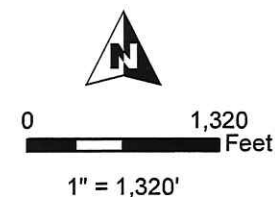
This instrument was acknowledged before me on January 30, 2014, by Chad R Bradach and Charmarie R Bradach.

Sharon Calkins

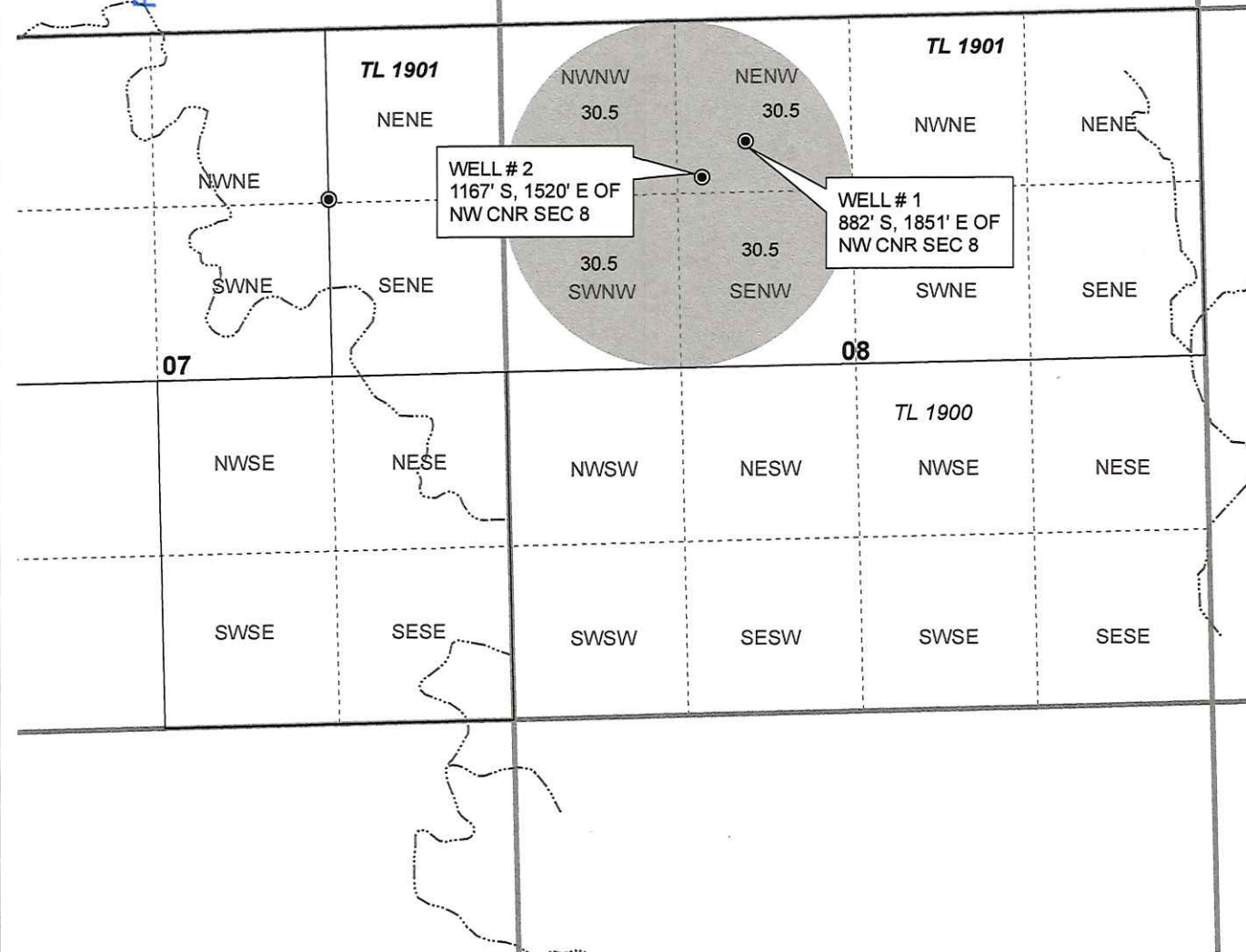
RECEIVED BY OWRD
AUG 18 2014
SALEM, OR

**T24S, R33E
SECTION 07 AND 08**

HARNEY COUNTY, OREGON



-  Section
-  Quarter Quarter Section
-  Taxlot
-  Well
-  POU Assigned to Koehn
-  Stream



PARTIAL PERMIT ASSIGNMENT MAP
Cameron & Rachel Koehn

NOTE: THIS MAP IS NOT INTENDED TO
PROVIDE LEGAL DIMENSIONS OR LOCATIONS
OF PROPERTY OWNERSHIP LINES.

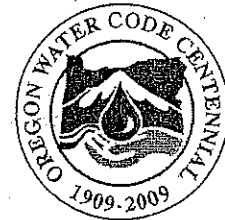
WATER RIGHT SERVICES, LLC
PO BOX 1830, BEND, OR 97709
CCB# 197121 www.oregonwater.us
541-389-2837 JOHNSHORT@USA.COM

PERMIT G-15986

JULY 22, 2014



Oregon Water Resources Department
Water Rights Division



Water Rights Application
Number G-16381

Final Order
Extension of Time for Permit Number G-15986

Appeal Rights

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. A request for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either file for judicial review, or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

Permit G-15986 was issued by the Department on November 3, 2005. The permit called for completion of construction by October 1, 2010 and complete application of water to beneficial use by October 1, 2010. On November 13, 2009, Chad Bradach submitted to the Department an Application for Extension of Time for Permit G-15986. In accordance with OAR 690-315-0050(2), on July 27, 2010, the Department issued a Proposed Final Order proposing to extend the time to complete construction to October 1, 2015 and the time to fully apply water to beneficial use to October 1, 2015. The protest period closed September 10, 2010, in accordance with OAR 690-315-0060(1). No protest was filed.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to no additional conditions.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

Mailing List for Extension FO Copies

Note: Include a copy of the "Important Notice" document along with the original copy of the Final Order being sent to the permit holder.

FO Date: September 28, 2010

Copies Mailed

**Application G-16381
Permit G-15986**

By: JS
On: 9/29/10

Original mailed to permit holder

Chad Bradach
PO Box 353
Burns, OR 97720

Copies sent to:

1. WRD - App. File G-16381/ Permit G-15986
2. ~~WRD - Support Staff, Salem...Permit record update~~
3. WRD - Water Master District 10 - Tony Rutherford, Burns

Fee paid as specified under ORS 536.050 to receive copy:

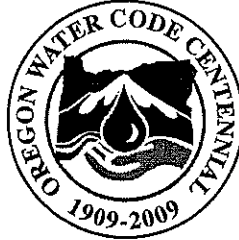
4. None

Receiving via e-mail (10 AM day of signature date)

5. None

CASEWORKER: SBK

**Oregon Water Resources Department
Water Rights Division**



Application for Extension of Time

In the Matter of the Application for an Extension of Time)
for Permit G-15986, Water Right Application G-16381) PROPOSED FINAL ORDER
in the name of Chad Bradach)

Permit Information

Application File G-16381 Permit G-15986

Basin: 12 – Malheur Lake/ Watermaster District 10

Date of Priority: February 3, 2005

Authorized Use of Water

Source of Water: Four Wells within the Malheur Slough Basin

Purpose of Use: Irrigation use on 242.0 Acres

Maximum Rate: 3.0 Cubic Feet per Second (cfs)

**This Extension of Time request is being processed in accordance with Oregon
Administrative Rule Chapter 690, Division 315**

Please read this Proposed Final Order in its entirety.

This Proposed Final Order applies only to Permit G-15986, water right Application G-16381.
A copy of Permit G-15986 is enclosed as Attachment 1.

FINDINGS OF FACT

Background

1. Permit G-15986 was granted by the Department on November 3, 2005. The permit authorizes the use of up to 3.0 cfs of water from four wells for irrigation use on 242.0 acres. The permit specified construction of the water system was to be completed by October 1, 2010, and complete application of water was to be made on or before October 1, 2010.
2. The permit holder submitted an "Application for Extension of Time" to the Department on November 13, 2009 requesting the time to complete construction of the water system and the time to apply water to full beneficial use under the terms and conditions of Permit G-15986 be extended from October 1, 2010 to October 1, 2015. This is the first permit extension requested for Permit G-15986.
3. Notification of the Application for Extension of Time for Permit G-15986 was published in the Department's Public Notice dated November 24, 2009. No public comments were received regarding the extension application.

Review Criteria [OAR 690-315-0040]

The time limits to complete construction and/or apply water to full beneficial use may be extended if the Department finds that the permit holder has met the requirements set forth under OAR 690-315-0040. This determination shall consider the applicable requirements of ORS 537.230¹, 537.248², 537.630³ and/or 539.010(5)⁴.

Complete Extension of Time Application [OAR 690-315-0040(1)(a)]

4. On November 13, 2009 the Department received a completed Application for Extension of Time and the fee specified in ORS 536.050 from the permit holder.

Start of Construction [OAR 690-315-0040(1)(b) and 690-315-0040(5)]

5. Senate Bill 300 (1999 legislation) eliminates the requirement that holders of new surface water and ground water permits start construction on water projects within one year after the Department issues the permit. Senate Bill 300 applies to any application for a permit filed after October 23, 1999.

Duration of Extension [OAR 690-315-0040(1)(c)]

Under OAR 690-315-0040(1)(c), in order to approve an extension of time for water use permits the Department must find that the time requested is reasonable and the applicant can complete the project within the time requested.

¹ ORS 537.230 applies to surface water permits only.

² ORS 537.248 applies to reservoir permits only.

³ ORS 537.630 applies to ground water permits only.

⁴ ORS 539.010(5) applies to surface water and ground water permits.

Compliance with Conditions [OAR 690-315-0040(3)(c)]

10. The water right permit holder's conformance with the permit or previous extension conditions.
 - a. The Department has considered the permit holder's compliance with conditions, and has identified the following concerns: (1) the record does not show that initial and annual water level measurements have been made, and (2) the required March static water level measurements have not been received by the Department.
 - b. Failure to comply with permit conditions constitutes illegal use of water. The use of water under this permit, therefore, has not yet been demonstrated. In order to legally perfect the use of water under this permit, the permit holder must demonstrate that all conditions of the permit have been satisfied.

Financial Investments [OAR 690-315-0040(3)(d)]

11. Financial investments made toward developing the beneficial water use.
 - a. As of November 13, 2009, the permit holder has invested approximately \$39,500 which is approximately 45 percent of the total projected cost for complete development of this project. The permit holder anticipates an additional \$49,250 investment is needed for the completion of this project.

Cost to Appropriate and Apply Water to a Beneficial Purpose [OAR 690-315-0040(2)(b)]

12. As of November 13, 2009, the permit holder has invested approximately \$39,500 which is approximately 45 percent of the total projected cost for complete development of this project. The permit holder anticipates an additional \$49,250 investment is needed for the completion of this project.

Good Faith of the Appropriator [OAR 690-315-0040(2)(c)]

13. The Department has found good faith of the appropriator under Permit G-15986.

The Market and Present Demands for Water [OAR 690-315-0040(2)(d-e)]

The Department's determinations of market and present demand for water or power to be supplied shall consider the requirements set forth under OAR 690-315-0040(4)(a-f). In accordance with OAR 690-315-0040(4), the Department shall consider, but is not limited to, the following factors when determining the market and the present demand for water or power to be supplied:

14. The amount of water available to satisfy other affected water rights and scenic waterway flows; special water use designations established since permit issuance, including but not limited to state scenic waterways, federal wild and scenic rivers, serious water management problem areas or water quality limited sources established under 33 U.S.C. 1313(d); or the habitat needs of sensitive, threatened or endangered species, in consultation with the Oregon Department of Fish and Wildlife [OAR 690-315-0040(4)(a-c)].

2. The applicant has submitted a complete extension application form and the fee specified in ORS 536.050, as required by OAR 690-315-0040(1)(a).
3. The applicant complied with begin actual construction timeline requirements pursuant to ORS 537.630 as required by OAR 690-315-0040(1)(b) and OAR 690-315-0040(5).
4. Completion of construction and full application of water to beneficial use can be accomplished by October 1, 2015⁵, as required by OAR 690-315-0040(1)(c).
5. The Department has considered the reasonable diligence and good faith of the appropriator, the cost to appropriate and apply water to a beneficial purpose, the market and present demands for water to be supplied, the financial investment made and fair and reasonable return upon the investment, the requirements of other governmental agencies, and unforeseen events over which the permit holder had no control, whether denial of the extension will result in undue hardship to the applicant and whether there are no other reasonable alternatives for meeting water use needs, any other factors relevant to a determination of good cause, and has determined that the applicant has shown that good cause exists for an extension of time to apply water to full beneficial use pursuant to OAR 690-315-0040(1)(d).

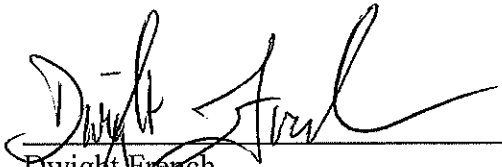
Proposed Order

Based upon the foregoing Findings of Fact and Conclusions of Law, the Department proposes to issue an order to:

Extend the time for complete construction of the water system under Permit G-15986 from October 1, 2010 to October 1, 2015.

Extend the time to apply water to beneficial use under Permit G-15986 from October 1, 2010 to October 1, 2015.

DATED: July 27, 2010


Dwight French
Administrator
Water Rights & Adjudications Division

*If you have any questions,
please check the information
box on the last page for the
appropriate names and
phone numbers.*

⁵Pursuant to ORS 537.630(4), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and a new or revised claim of beneficial use as deemed appropriate by the Department.

Mailing List for Extension PFO Copies

PFO Date: July 27, 2010

Copies Mailed

**Application G-16381
Permit G-15986**

By: He
On: 7/27/10

Original mailed to Applicant:

✓ Chad Bradach
PO Box 353
Burns, OR 97720

Copies sent to:

- ✓ 1. WRD - App. File G-16381/ Permit G-15986
- ✓ 2. PFO: WRD – Watermaster District 10 – Tony Rutherford, Burns

Fee paid as specified under ORS 536.050 to receive copy:

- 3. None

Receiving via e-mail (10 AM Tuesday of signature date)

- 4. None

CASEWORKER: SBK

Extension PFO Checklist for Other than Muni or Quasi-Municipal

Water Use Permits
(OAR 690-315-0010 through OAR 690-315-0060)

Application: G- 16381 Permit: G- 15986 Permit Amendment? No ☒ Yes ☐ T- ☐ pending ☐ approved

Permit Holder's Name: Chad Bradach

Permit Holder's Mailing Address: PO Box 353, Burns, OR 97720 (mailing address) email ccbradach@gmail.com

Phone Number: 541-589-0940

POD Location: Township 24 S Range 33 E Section 8 $\frac{1}{4}$ NENW

Drainage Basin: 12 County: Harney Watermaster District: 10 Watermaster: Tony Rutherford

Date Permit was issued: 11/3/2005

Priority Date: 2/3/2005

Date of PN: 11/24/2009

Source: Four Wells in Malheur Slough Basin

Use: Irrigation use on 242.0 acres

"Q": 3.0 cfs

Orig "A" Date: _____

Orig "B" Date: 10/1/

Orig "C" Date: 10/1/2010

Extension
request rec'd: 11/13/2009

Last Authorized
"B" Date: 10/1/

Last Authorized
"C" Date: 10/1/2010

Request Number (1, 2, 3...): 1

Proposed
"B" Date: 10/1/

Proposed
C Date: 10/1/2015

Conditions of Permit:

Condition Met?	Condition Not Met?	Permit Condition
☒	☐	Install measuring device
☐	☒	Initial and annual water level measurements
☐	☒	One static water level measurement in March following the first year of water use
☐	☐	
☐	☐	

Factors to consider in determining "Reasonable Diligence" [OAR 690-315-0040(3)]:

Yes No

- ☒ ☐ Work was accomplished within the time allowed in the permit or previous extension
- ☐ ☒ Water right permit holder conformed with the permit or previous extension conditions
- ☒ ☐ Financial investments were made toward developing the beneficial water use.
 - Amount Invested to date: \$39,500 Estimated Remaining Cost: \$49,250
- ☒ ☐ Beneficial use made of the water during the permit or previous extension time limits
 - Permit holder has beneficially used 1.56 ☒ cfs ☐ gpm ☐ af of the total permitted quantity of water on 120 acres

Has the applicant pursued perfection of the right in good faith and with reasonable diligence? Yes ☒ No ☐

Application # G-16381

Permit # G-15984

Public Notice Route Slip ... New Application Extension of Time
per Division 315 Rules... (Extensions received on July 1, 2001 or after)

♦ **WRIG...**

Money Receipted on: 11/13/09

♦ **Extension Specialist...**

☐ Added to tracking spreadsheet

After fee is receipted and app is added to spreadsheet, route to...

♦ **Jonnine Skaug...**

☒ Publish on Public Notice (initial 30-day comment): Date of notice 11/24/09/JS

☒ Update WRIS Database

☒ In the "PNotice Date" field... Enter the date the Extension Application was published on the Public Notice.

☒ In the "Ext Filed" field... Enter the date the Extension Application was received.

Yes or No:

Return file to Extension Specialist after PN

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

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

RECEIPT # **98512**

INVOICE # _____

RECEIVED FROM: Chadler Charmarie
BY: Bradach

APPLICATION	16381
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# 6544 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 500.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES _____ \$
OTHER: (IDENTIFY) _____ \$
0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS 46111

0407 COPY & TAPE FEES \$
0410 RESEARCH FEES \$
0408 MISC REVENUE: (IDENTIFY) \$
TC162 DEPOSIT LIAB. (IDENTIFY) \$ 500.00
0240 EXTENSION OF TIME \$

WATER RIGHTS:

0201 SURFACE WATER \$ 0202 \$
0203 GROUND WATER \$ 0204 \$
0205 TRANSFER \$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR \$ 0219 \$
LANDOWNER'S PERMIT 0220 \$

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$
0210 MONITORING WELLS \$
OTHER (IDENTIFY) _____

CARD # _____
CARD # _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD) \$
0231 HYDRO LICENSE FEE (FW/WRD) \$
HYDRO APPLICATION \$

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$

RECEIPT: **98512**

DATED: 11-13-01 BY: [Signature]

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



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

November 24, 2009

REFERENCE: Application for Extension of Time

Dear Extension of Time Applicant:

The Water Rights Section has received your application for an extension of time for **APPLICATION FILE#: G-16381 (PERMIT#: G-15986)**. Your application will be reviewed in the near future. Following the review, you will receive a Proposed Final Order either approving or rejecting the extension of time request. A 45-day protest period begins upon issuance of the Proposed Final Order. After the protest period closes, a Final Order is issued.

If you have questions concerning your extension of time application, please contact Scott Kudlemyer at (503) 986-0813. For general information about the Water Resources Department, you may contact the Water Resources' Customer Service Group at (503) 986-0801 or you may access the Department's Internet home page at: "www.wrd.state.or.us".



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

Application for Extension of Time for a Water Right Permit (Non-Municipal / Non-Quasi-municipal Water Use)

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

*A separate extension application must be submitted for each permit as per
OAR 690-315-0020(2).*

*This application and a summary of review criteria and procedures that are generally applicable to this
application are available at <http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml>.*

I, Chad Bradach PO Box 353 Burns, OR 97720
NAME OF PERMIT HOLDER [OAR 690-315-0020(1) and (3)(a)]

67625 S. Newton Rd. Burns Oregon 97720
ADDRESS CITY STATE ZIP
(541) 589-0940 ccbradach@gmail.com
PHONE E-MAIL ADDRESS

the permit holder of: Application Number G-16381 -
Permit Number G-15986-
[OAR 690-315-0020(3)(b)]

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SALEM, OREGON**

do hereby request that the time in which to:

- ☒ complete construction (of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water), which time now expires on October 1, 2010, be extended to October 1, 2015,
- ☐ N/A (Check this box if the permit does not specify a date by when construction must be completed.)

and/or the time in which to:

- ☒ apply water to full beneficial use under the terms and conditions of the permit, which time now expires on October 1, 2010, be extended to October 1, 2015.

Before submitting your Application for Extension of Time, make sure the following items are included:

- This completed Application for Extension of Time.
- Statutory fee of \$500.
- Signature page (last page of this Application for Extension of Time).
- All supporting documentation and/or evidence referenced in the Application for Extension of Time.

MAIL COMPLETED APPLICATION

along with the

\$500 STATUTORY FEE TO:

**Water Resources Department
Attn: Water Right Permit Extensions
725 Summer Street NE, Suite A
Salem, Oregon 97301**

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SALEM, OREGON**



GENERAL TIPS:

- Permit holders of municipal or quasi-municipal water use permits DO NOT use this form. The correct form is *Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits*, available at the following link:
<http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml#other>
- Request the reasonable amount of time necessary to fully complete the water construction project and/or to fully use the permitted quantity of water under the terms and conditions of your permit. Should this request be approved, it will be OWRD's expectation that you will complete your project within the new time period allowed. Future extensions may not be granted.
- A separate Application for Extension of Time must be submitted for each permit. OAR 690-315-0020(2).
- An instruction sheet (Instructions for Filling Out Extension of Time Application for Permits) provides details that will help you answer each question on the application. Permit extensions are evaluated under OAR Chapter 690, Division 315. These rules may be viewed at:
<http://www.wrd.state.or.us/OWRD/LAW/index.shtml>.

are evaluated under OAR Chapter 690, Division 315. These rules may be viewed at:
<http://www.wrd.state.or.us/OWRD/LAW/index.shtml>.

- You may provide OWRD with any additional information or evidence that will aid us in making our decision. Please note that OWRD may require other information that is necessary to evaluate the application. OAR 315-0020(3)(n).
- After careful review of the Application for Extension of Time, you may contact OWRD at (503) 986-0900, to ask questions and request assistance from a Permit Extensions Specialist in the Water Rights and Adjudications Division.
- Once an Application for Extension of Time is received by OWRD, it will be reviewed for completeness. OWRD will return any incomplete or deficient applications to the applicant. OAR 690-315-0040(1)(a).

Reference Materials Needed to Complete this Application:

- The water right permit. If needed, a copy of the water right permit can be downloaded from the Department's Website at <http://www.wrd.state.or.us> (find the link to the Water Rights Information System (WRIS)). Or, a copy of the permit (or other documents) may be requested by water right application number from the Water Rights Division at 503-986-0900 (copy fees will apply).
- Documentation which demonstrates compliance with permit conditions (for example, well construction logs; static water level measurement reports; annual water use reports; ODFW fish screen certification; a plan to monitor the effect of water use on ground water aquifers utilized under the permit; etc.).

Answer the Following Questions to Complete this Application for Extension of Time

[OAR 690-315-0020(3)(d)]

1. Did the actual construction of the water system/well drilling begin within the time specified in the permit? ☒ Yes ☐ No



TIP:

Not all permits specify a date by which construction was to begin.

Date construction began is: 4/2006

Details of construction: A center pivot system was placed on site to irrigate 120 acres. Buried mainline was put in place from 2 existing wells to center of pivot. A buried power supply was also constructed from the perimeter of the field to the pivot center.

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2. Permits typically contain standard or special conditions that must be satisfied to lawfully develop and use permitted water. In the development of this water right, have you satisfied the conditions contained in your permit? ☒ Yes ☐ No

- 2-A) Describe how you have complied with each condition contained in the original permit [and, if applicable, each condition contained in any order approving a permit amendment and/or a final order approving a prior extension of time]. Include the date when the condition was satisfied.

**TIP:**

The instruction sheet for the Application for Extension of Time provides an explanation of the typical conditions that must be addressed in this question.

CHART-A

Condition No. **	Date Satisfied	Describe How Permit Condition Has Been Satisfied
1	06/2007	An 8" flow meter was installed and water usage has been reported.
2	06/2007	I believe that I have submitted initial water levels although I have no record of it.

** Condition No: Hand-number each condition on a copy of your permit (and, if applicable, permit amendment and prior extension).

- 2-B) If you have NOT complied with all applicable conditions, explain the reasons why and indicate with a date certain (in the near future) when compliance will occur.

CHART-B

Condition No. **	Date Will Comply	Explain Why Each Permit Condition Has NOT Been Satisfied
3	3/2010	2009 was the first year that I have successfully irrigated throughout the season. My intention is to have this condition met in March 2010.

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**** Condition No:** Hand-number each condition on a copy of your permit (and, if applicable, permit amendment and prior extension.

[OAR 690-315-0020(3)(e)]

3. Provide evidence of physical progress made toward completion of the water system, and of progress made toward making beneficial use of water within the permitted time period (CHART-C); and if applicable, within the time period of the most recent extension granted (CHART-D).

3-A) CHART-C (below) must be completed for all Application for Extension of Time requests. Use chronological order.

CHART-C

DATE	WORK ACCOMPLISHED BEFORE PERMIT WAS ISSUED <i>List any work done before the permit was issued – eg. well drilled.</i>	COST*
	(4) wells and some mainline existed prior to making this application.	

DATE	WORK ACCOMPLISHED AFTER PERMIT WAS ISSUED and PRIOR TO DATE SPECIFIED IN PERMIT FOR COMPLETE APPLICATION OF WATER <i>List work/actions done during the permitted time period.</i>	COST*
	Date the permit was signed - find date above signature on last page of permit.	
	Date the permit specified "Actual Construction Work" shall begin ("A-Date") -not all permits contain this date.	
11/2005	Pivot system put in place.	20,000
5/2007	Pump put in well #1, power source extended to pump and pivot center and mainline buried and extended to pivot center.	19,500
10/1/1010	Date the permit specified complete application of water to the use shall be made ("C-Date") - all permits contain this date.	

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CHART-C (continued)

DATE	WORK ACCOMPLISHED AFTER "C-DATE" <i>COMPLETE ONLY IF THIS IS YOUR 1st APPLICATION FOR EXTENSION OF TIME: List work done after the date specified in the permit for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
	N/A	

Total Cost for Chart-C		39,500

* If exact cost is not known, you must provide your best estimate.

3-B) If this is not your 1st Application for Extension of Time request, fill out CHART-D below (in addition to CHART-C above). Use chronological order.

CHART-D

DATE	WORK ACCOMPLISHED DURING THE LAST EXTENSION PERIOD <i>List all work done during the last authorized extension period.</i>	COST*
10/1/	"Extended From" date for complete application of water used in the 1 st (or the most recent) Application for Extension of Time.	
	N/A	
10/1/	"Extended To" date for complete application of water resulting from the 1 st (or the most recent) Application for Extension of Time.	

CHART-D (Continued)

DATE	WORK ACCOMPLISHED AFTER THE LAST EXTENSION PERIOD EXPIRED <i>List all work done after the last authorized date for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
	N/A	
Total Cost of Chart-D		

* If exact cost is not known, you must provide your best estimate.

R 690-315-0020(3)(f)

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5. Provide evidence of the maximum rate (or duty, if applicable) of water diverted for beneficial use under this permit and/or prior extensions of time (if any) made to date.



TIP: Report the rate used to date. Unless full beneficial use has been made, this rate will be less than the rate authorized on the permit.

5-A) For Surface Water Permit Extensions (e.g. S-XXXX or R-XXXX):



TIP: Report the rate in the same units of measurement as specified in the permit.

Maximum rate used to date = _____ cfs (cubic feet per second) or,

Maximum rate used to date = _____ gpm (gallons per minute) or,

Acre-feet stored to date = _____ AF

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5-B) For Ground Water Permit Extensions (e.g. G-XXXX):



TIP: Include information from ALL wells that pertain to this permit, including drilled wells not currently used.

CHART-E

Well # as identified on Permit	Water User's Well #	Has this well been drilled?	IF DRILLED					
			Well Log Number e.g. MORR 50473	Well Tag Number e.g. # 27566 or N/A	Is the actual drilled location authorized on this permit or on a permit amendment? (See 5-C below)	Maximum instantaneous rate used from this well -- under this permit only (CFS or GPM)	Is this well authorized or utilized under additional water rights?	If yes, provide the Permit, Certificate, or Transfer No.
1	1	Yes x No ☐	986	N/A	Yes x No ☐	700 GPM	Yes x No ☐	-
2	2	Yes x No ☐	985	N/A	Yes x No ☐	Not completed	Yes x No ☐	-
3	3	Yes x No ☐	983	N/A	Yes x No ☐	Not completed	Yes x No ☐	-
4	4	Yes x No ☐	982	N/A	Yes x No ☐	Not completed	Yes x No ☐	-
Total instantaneous rate from all wells utilized under this permit						1/80 cfs		

1.56 cfs

- 5-C) If the drilled location of a well is not authorized on this permit, please specify its location below, or provide a map showing its location. Has or will a permit amendment application been/be filed? Yes No ☐ * My intention is to amend the permit to include an existing well located as follows: T24S, R33E, S7, center of NE ¼. This well is currently certificated for an adjoining acreage under permit G-5748. This well will be referred to as #5 on page 8 of this application.

If a Permit Amendment Application has been filed: Transfer No. T-_____

* Well # 5 Actual location: T 24s R33e S7 Center of NE1/4

* This is the well that I intend to amend into this application referred to on page 7.
[OAR 690-315-0020(3)(e)(C)]

6. Provide the total number of acres irrigated to date under this permit (if applicable).

Total acres irrigated to date: 120

Ground Water Permits: Please specify which wells are being utilized for this irrigation.

Well #1 Acres120 Well #N/A Acres

Well #N/A Acres Well #N/A Acres

[OAR 690-315-0020(3)(j)]

7. Provide a summary of your future plans and schedule to complete the construction of the water system, and/or apply water to full beneficial use under the terms and conditions of the permit.

CHART-F

APPROXIMATE DATE RANGE (projected)	WORK OR ACTION TO BE ACCOMPLISHED (projected)	ESTIMATED COST (projected)
3/2010	Bury power source to wells #3 and #4.	12,000
3/2011	Set pumps in wells #2, #3 and #4.	14,750
3/2013	Place (2) wheel lines and 1/4 mile mainline on site	12,500
3/2014	Develop ground for application of water and plant.	10,000
Year: 2015	Date intend to apply water to full beneficial use under the terms and conditions of this permit.	
Total Cost		49,250

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[OAR 690-315-0020(3)(g)]

8. Estimated remaining cost to complete the project: 49,250
(The total cost from CHART-F)

[OAR 690-315-0020(3)(h)]

9. List the reasons why the project was not constructed, and/or water was not beneficially used within permit time limits. Provide supporting information for the reason(s) that best fits your circumstances (A, B, C or D).

9-A) The project is of a size and scope that was originally planned to be phased in over a time frame longer than the one allowed in the permit.

- 9-B) The financial resources needed to develop the project precluded completion of the project within authorized time frames.**

The project expenses were under estimated while my financial situation changed due to health issues.

- 9-C) Good faith attempts to comply with permit conditions and/or acquire permits from other agencies, or otherwise comply with government regulations, delayed completion of the project.**

A flow meter was put in use and usage has been documented. My intention is to complete this project correctly under the guidance of the OWRD.

- 9-D) Acts of God or other unforeseen events delayed full development of the water system and use of water within the authorized time frames.**

At the age of 41, I suffered a heart attack and had heart surgery in September of 2007. Between the time lost while recovering and the expense of the illness, I was unable to work on the project for about 8 months.

[OAR 690-315-0020(3)(k)]

- 10. Justify the time requested to complete the project and/or apply the water to full beneficial use.** Your justification should combine information from your answers from Questions 2-B, 7, 8, and 9 of this Application for Extension of Time, and should also include any other information or evidence to establish that the requested amount of time is sufficient and that you will be able to complete the project within the amount of time requested.
My intention is to invest 7,500-10,000 annually over the next 5 years. I also intend to make amendments to the application to include 1 additional well which was referred to on 5-C.

- 11. Provide any other information you wish OWRD to consider while evaluating your Extension of Time Application.**

The process of developing land and water is overwhelming at times. I appreciate your consideration of this extension of time application.

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I am the permit holder, or have authorization from the permit holder, to apply for an extension of time under this permit. I understand that false or misleading statements in this extension application are grounds for OWRD to suspend processing of the request and/or reason to deny the extension.



11/9/09

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CHAD BRADACH
65443 HWY 78
BURNS, OR 97720

(541) 493-2366

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

APPLICATION FILE NUMBER: G-16381

SOURCE OF WATER: FOUR WELLS IN MALHEUR SLOUGH BASIN

PURPOSE OR USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: February 24, 2005

WELL LOCATIONS:

WELL 1: NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 882 FEET SOUTH & 1851 FEET EAST FROM NW CORNER, SECTION 8

WELL 2: NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.: 1167 FEET SOUTH AND 1520 FEET EAST FROM THE NW CORNER, SECTION 8

WELL 3: NE $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 1325 FEET NORTH AND 1352 FEET EAST FROM THE SW CORNER, SECTION 8

WELL 4: SE $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 700 FEET NORTH & 1878 FEET EAST FROM SW CORNER, SECTION 8

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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WATER RESOURCES DEPT
SALEM, OREGON

Application G-16381 Water Resources Department

PERMIT G-15986

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 30.5 ACRES
 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 30.5 ACRES
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 30.5 ACRES
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 30.5 ACRES
 NE $\frac{1}{4}$ SW $\frac{1}{4}$ 40.0 ACRES
 NW $\frac{1}{4}$ SW $\frac{1}{4}$ 40.0 ACRES
 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 40.0 ACRES

SECTION 8

TOWNSHIP 24 SOUTH, RANGE 33 EAST, W.M.

Measurement, recording and reporting conditions:

① A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a 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.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

② **Initial and Annual Measurements**

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

Application G-16381 Water Resources Department PERMIT G-15986

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③
After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the director may restart it at any time.

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 and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until 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 senior water rights. The water user shall in no instance 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.

Application G-16381 Water Resources Department

PERMIT G-15986

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SALEM, OREGON

STANDARD CONDITIONS

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.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit; then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

Application G-16381 Water Resources Department

PERMIT G-15986

RECEIVED

NOV 13 2009

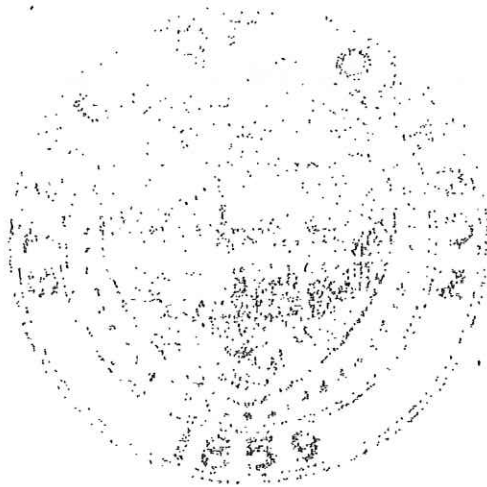
WATER RESOURCES DEPT
SALEM, OREGON

Completion of construction and complete application of the water to the use shall be made on or before October 1, 2010. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued November 3, 2005


Phillip C. Ward, Director
Water Resources Department



RECEIVED

NOV 13 2009

WATER RESOURCES DEPT
SALEM, OREGON

Application G-16381
Basin 12
huffmaam

Water Resources Department
Volume 2 MALHEUR L & MISC

PERMIT G-15986
10

2007

Oregon Water Resources Department
October 2007 through September 2008
Monthly Water Use Form

USER-ID 28874

2008

Facility →	42137 ✓				
Report ID →	HARN 986				
October - 2007					
November - 2007					
December - 2007					
January - 2008					
February - 2008					
March - 2008					
April - 2008					
May - 2008	16,381,000				
June - 2008	31,416,000				
July - 2008	17,210,000				
August - 2008					
September - 2008					
TOTAL *	65,007,000	Gallons			

RECEIVED

APR 29 2009

WATER RESOURCES DEPT
SALEM, OREGON

* Describe the units of measurement as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe the method of measurement used: Flow Meter

If used for irrigation, total number of acres irrigated: 117

I certify this information is true and accurate to the best of my knowledge.

Signature
Chad Bradach
Name

Owner
Title
P.O. Box 353 Burns OR 97720
Mailing Address

Reporting Entity

Date 4/2/09
Phone Number (541) 589-0940

Please complete and mail to: Oregon Water Resources Department; Water Use Reporting Program;
725 Summer Street NE, Suite A; Salem, OR 97301-1266.

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-16381

Final Order

Hearing and Appeal Rights

Under the provisions of ORS 537.170 and ORS 537.622, the applicant may request a contested case hearing by submitting the information required for a protest under ORS 537.153(6) or ORS 537.621(7) to the Department within 14 days after the date of mailing of this order as shown below. If a contested case hearing is requested, the Department must schedule one. In the contested case hearing, however, only those issues based on the above modifications to the proposed final order may be addressed.

ORS 536.075 allows for additional appeal rights for other than contested case. This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

This statement of judicial review rights does not create a right to judicial review of this order, if judicial review is otherwise precluded by law. Where no changes have been made to a Proposed Final Order on a water right application and no protests have been filed during the protest period, the final order is not subject to judicial review.

Application History

On February 3, 2005, Chad Bradach submitted an application to the Department for a water use permit. On February 24, 2005, the applicant amended the application. The Department issued a Proposed Final Order on August 16, 2005. The protest period closed September 30, 2005, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest, but the Department's continuing evaluation reveals that the Proposed Final Order requires modification to correctly describe the priority date of application.

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CHAD BRADACH
65443 HWY 78
BURNS, OR 97720

(541) 493-2366

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

APPLICATION FILE NUMBER: G-16381

SOURCE OF WATER: FOUR WELLS IN MALHEUR SLOUGH BASIN

PURPOSE OR USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: February 24, 2005

WELL LOCATIONS:

WELL 1: NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 882 FEET SOUTH & 1851 FEET EAST FROM NW CORNER, SECTION 8

WELL 2: NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.: 1167 FEET SOUTH AND 1520 FEET EAST FROM THE NW CORNER, SECTION 8

WELL 3: NE $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 1325 FEET NORTH AND 1352 FEET EAST FROM THE SW CORNER, SECTION 8

WELL 4: SE $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 700 FEET NORTH & 1878 FEET EAST FROM SW CORNER, SECTION 8

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

After Use of Water has Begun**Reference Water Level Determination**

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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 and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

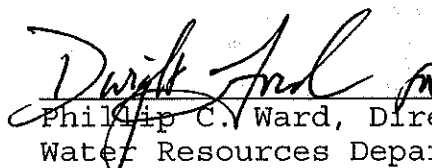
- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until 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 senior water rights. The water user shall in no instance 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.

Completion of construction and complete application of the water to the use shall be made on or before October 1, 2010. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued November 3, 2005


Phillip C. Ward, Director
Water Resources Department



FO CHECKLIST

Application #: G-16381 Applicant: CHAD BRADACH PFO week: 525 FO week: 482

☒ Has applicant **name and/or address changed**, or has the file been assigned? Y / N

If new: _____

☒ Were **comments** received? If so, from whom and when? ND

Respond to significant comments, issues, or disputes related to the proposed use of water

☒ Verify **names and mailing addresses** of all commentors, affected landowners and those who paid \$10 fee on PFO cc: list. NONE

☒ Have **affected landowner(s)** been notified? Y / N NA If not, do not issue FO. Send a letter to affected landowner(s).

☒ Has ODFW asked for **screening** condition and rate ≤ 0.5 CFS? Y / N / NA If yes, include fish screening form.

☒ Are requested **GW conditions** included in permit? Y / N / NA If not, add condition(s) _____

☒ Do PFO conclusions **require modification** due to typos or errors? Y / ~~N~~ What and why? _____

priority date is 2/24/04 due to amendment in app > IR.
consistent w/ policy.

☒ Fees

Base Fee

Water Amount (Q)

\$100 / \$150

1st CFS/AF

\$250 / \$300

2 Addl @ 100

200
200

300
(base)

+

400
(Q)

= 700
(total exam fee)

EXAM FEE REQUIRED

700

RECORDING FEE REQUIRED

\$175 / \$250

EXAM FEE PAID

-700

RECORDING FEE PAID

-250

STILL OWED

0

STILL OWED

0

FO type DENIAL

FO w/ Permit # 615986

FO w/o permit

lacks fees

lacks easement

lacks approved dam plans & specs

Name: Anita Huffman Date: 10/26/2005

Peer Reviewer: _____

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.

**Oregon Water Resources Department
Water Rights Division**

Water Rights Application
Number G-16381

Prior to the issuance of a permit, the Department must receive permit recording fees in the amount of \$250.00. Please include your application number on your check made out to the Oregon Water Resources Department. If this fee is not paid prior to September 30, 2005, issuance of a permit may be delayed.

Proposed Final Order

Summary of Recommendation: The Department recommends that the attached draft permit be issued with conditions.

Application History

On February 3, 2005, Chad Bradach submitted an application to the Department for the following water use permit:

- Amount of Water: 3.0 CUBIC FEET PER SECOND (CFS)
- Use of Water: IRRIGATION USE ON 238.0 ACRES
- Source of Water: FOUR WELLS IN MALHEUR SLOUGH BASIN
- Area of Proposed Use: HARNEY County within SECTION 8, TOWNSHIP 24 SOUTH, RANGE 33 EAST, W.M.

On May 27, 2005, the Department mailed the applicant notice of its Initial Review, determining that "The use of 3.0 CUBIC FEET PER SECOND from FOUR WELLS IN MALHEUR SLOUGH BASIN for IRRIGATION USE ON 238.0 ACRES is allowable from 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 May 31, 2005, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

No written comments were received within 30 days.

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use

a horizontal distance less than one mile from the surface water source.

According to the Department's rules, the potential for substantial interference is assumed if (a) and either (b) or (c) or (d) or (e) are met. For this application, the Department determined that there is no potential for substantial interference, because either (a) is not met, or (b), (c), (d) or (e) are not met, or both.

An assessment of groundwater availability has been completed by the Department's Groundwater/Hydrology section. A copy of this assessment is in the file. The proposed use of groundwater will likely be available in the amounts requested without injury to prior rights and/or within the capacity of the resource.

The Department finds that the amount of water requested, 3.0 CFS, is an acceptable amount.

The proposed wells are not within a designated critical ground water area.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if 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), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Malheur Lake Basin Plan, or a preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

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

The proposed use complies with the State Agency Agreement for land use.

No proposed flow rate and duty of water higher than the general basin-wide standard is needed.

For these reasons, the required presumption has been established.

Protest Rights and Standing

Under the provisions of 537.621(7), you have the right to protest this proposed final order. Your protest must be in writing, and must 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 this 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; and
- If you are not the applicant, the protest fee of \$250 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. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

Requests for Standing

Under the provisions of 537.621(6), persons other than the applicant who support a proposed final order may request standing for purposes of participating in any contested case proceeding on the proposed final order or for judicial review of a final order. A request for standing shall be in writing, include a statement that the requester supports the proposed final order, and a statement of how the requester would be harmed if the proposed final order is modified. The fee required at the time of submitting this request is \$50.00. If a hearing is scheduled, an additional fee of \$200.00 must be submitted along with a request for intervention. Forms to request standing are available from the Department.

Your protest or request for standing must be received in the Water Resources Department no later than **September 30, 2005**.

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 if

DRAFT

This is not a permit.
STATE OF OREGON

DRAFT

COUNTY OF HARNEY

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

CHAD BRADACH
65443 HWY 78
BURNS, OR 97720

(541) 493-2366

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

APPLICATION FILE NUMBER: G-16381

SOURCE OF WATER: FOUR WELLS IN MALHEUR SLOUGH BASIN

PURPOSE OR USE: IRRIGATION USE ON 242.0 ACRES

MAXIMUM RATE: 3.0 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: February 3, 2005

WELL LOCATIONS:

WELL 1: NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 882 FEET SOUTH & 1851 FEET EAST FROM NW CORNER, SECTION 8

WELL 2: NE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.: 1167 FEET SOUTH AND 1520 FEET EAST FROM THE NW CORNER, SECTION 8

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WELL 4: SE $\frac{1}{4}$ SW $\frac{1}{4}$, SECTION 8, T24S, R33E, W.M.; 700 FEET NORTH & 1878 FEET EAST FROM SW CORNER, SECTION 8

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

After Use of Water has Begun**Reference Water Level Determination**

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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 and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until 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 senior water rights. The water user shall in no instance 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.

Completion of construction and complete application of the water to the use shall be made on or before October 1, 2009. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued _____, 2005

DRAFT - THIS IS NOT A PERMIT

Phillip C. Ward, Director
Water Resources Department

PFO CHECKLIST

Application #: G-16381 Applicant: CHAD BRADACH PFO week: 523

Shortcomings preventing PFO? Y / ☒ N Should process continue? ☒ Y / N

IR Date 5/27/05 Public Notice Date 5/31/05 Comments received? Y / ☒ N

Was additional information requested in the IR? Y / ☒ N If so, do we now have enough info to do the PFO? Y / N

Was the application filed after 10/23/99? ☒ Y / N (If not, add A date requirement)

B.O.R. or Doug Co. project Y ☒ N Contract in file? N contract # _____

IR identifies as DEQ 303d? Y / ☒ N NA Comments received? Y / N _____

Is second gw review necessary? Y / ☒ N NA Complete? Y / N

Water Availability OK / REDONE ☒ NA _____

Have conflicts been addressed? Y / N / ☒ NA _____

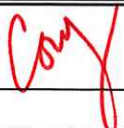
Changes from IR determinations NONE

Copy to _____

Fees	Base Fee	Water Amount (Q)
	\$100 / \$150	1 st CFS/AF <u>200</u>
	\$250 ☒ \$300	<u>2</u> Addl @ <u>100</u> + <u>200</u>
	<u>300</u> +	<u>400</u> = <u>700-</u>
	(base)	(Q) (total exam fee)

EXAM FEE REQUIRED	<u>700-</u>	RECORDING FEE REQUIRED	\$175 / ☒ \$250
EXAM FEE PAID	<u>-700-</u>	RECORDING FEE PAID	<u>-0-</u>
STILL OWED	<u>0</u>	STILL OWED	<u>250-</u>

Name: Anita Huffman Date: 7/27/2005

Peer Reviewer: 

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.

IR CHECKLIST

Application #: G-16381 Applicant: CHAD BRADACH

Use(s): IRRIGATION USE ON 238.0 ACRES Priority Date: February 03, 2005

☒ If quasi/muni, reviewed by Bill Fujii Y / N / NA

☒ Is the application complete? (Y) N

☒ Prohibited by ORS 538? Y / (N) If so, do not do an IR; return app & fees to applicant.

☒ GW Review ☐ surface classification triggered ND Is there PSI? stream name _____

- ☐ will not ☐ will likely be available ...without injury... and/or within the capacity of the resource
☒ will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource
☐ Well located in GWLA or CGWA or T1N R3E Sec 20, 21, 28, 29? Y / N (If Y, include basin map noting POD)

WM Dist (NWR - 1 2 16 18 20) (NCR - 3 4 5 21) (ER - 6 8 9 10) (SCR - 11 12 17) (SWR - 13 14 15 19)
swr cc: dave jarrett

DIVISION 33 Y / N (NA)
(If Y, attach basin map w/ pod)

- ☐ Above Bonn ☐ If above, not allowed April 15 - September 30?
☐ Below Bonn
☐ Statewide

SW Availability NA ☐ 80% live ☐ 50% storage _____ WID: _____

- ☐ wab in Lost River Basin? If so, use 7-13-04 table for watershed ID # 31420404.
☐ wab in Chehalem, Champoege, Mission or Case Creeks? If so, use Dwight's 12/4/2004 memo.

☒ Is there a conflict? Y / (N) NA _____

- ☐ If conflict, are rights from a different source?
☐ If supplemental, ☐ check for primary right on same land
☐ will this be making up a deficiency in rate?

☒ Allowed under Basin Program (Y) / N Limitations? Y / (N) 640-572-040

303D Y / (N) / NA IN GEOGRAPHIC UMATILLA Y / (N) BOTTLED WATER Y / (N)
(cc: DEQ Regional Manager) (cc: CTUIR) (cc: DOA Food Safety Division)

☒ Rate 1/80 Rate Max 242/80 = 3.025 Req 32

Duty 3 Season Allowed 3/1-10/31 Req 3/1-10/31

Land use approval (OK) needs approval county notified NA

B.O.R. or Doug Co. project Y / (N) contract # _____

Does the applicant intend to begin use within 5 years? (Y) / N
(If not, bring to supervisor's attention.)

Statement allowing someone to act as authorized agent? Y / (N) NA

Conditions: 7E

Small ≤ 0.1 CFS, ≤ 9.2 AF, Medium > 0.1 or < 1.5 CFS, > 9.2 or < 100 AF, Large ≥ 1.5 CFS, ≥ 100 AF
use at least Medium for: human consumption (SWW), siltcoos lake, livestock SWW, Galesville/BOR
uses that require Large: GW condition 7I, temp control (NU), gov. entity and tenmile lake

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-16381

ROUTED TO: Water Rights

TOWNSHIP/
RANGE-SECTION: 24S/33E-8

(4 wells)

CONDITIONS ATTACHED? ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

FE

Reviewer: Michael Zwart

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date April 12, 2005

FROM: Ground Water/Hydrology Section Michael Zwart
Reviewer's Name

SUBJECT: Application G- 16381 Supersedes review of N/A
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 ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. This review is based upon available information and agency policies in place at the time of evaluation.*

A. GENERAL INFORMATION: Applicant's Name: Chad Bradach County: Harney

- A1. Applicant(s) seek(s) 3.0 cfs from four well(s) in the Malheur Lake Basin,
subbasin Quad Map: Warm Springs Butte & Carson Point
- A2. Proposed use: Irrigation, 242 acres (P) Seasonality: March 1 to October 31
- A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	HARN 986	1	Alluvium	1.11	24S/33E-8 NE-NW	882' S 1851' E fr NW cor S 8
2	HARN 985	2	Alluvium	1.11	24S/33E-8 NE-NW	1167' S 1520' E fr NW cor S 8
3	HARN 983	3	Alluvium	0.89	24S/33E-8 NE-SW	1325' N 1352' E fr SW cor S 8
4	HARN 982	4	Alluvium	0.89	24S/33E-8 SE-SW	700' S 1878' E fr SW cor S 8
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	4115	68	8	5/8/1978	380*	0-18	0-336	None	168-336	1350	180	P
2	4115	65	8	4/24/78	620*	0-18	0-432	None	96-432	620	180	P
3	4113	7	6	4/11/78	370*	0-18	0-364	None	120-364	585	168	P
4	4114	89	20	5/21/78	500*	0-18	0-480	None	168-480	909	286	P

Use data from application for proposed wells.

A4. **Comments:** Aquifer includes volcanoclastics interbedded with valley-fill deposits. *It is not clear if the completed well depth is the bottom of the installed casing or if there is open hole below that depth; I suspect the former, but reported the total depth drilled.

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

Comments:

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

Comments:

app # G16381

B1. **Based upon available data, I have determined that ground water* 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 ground water 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 ground water 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 ground water resource; or
- d. ☒ will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource:
- i. ☒ The permit should contain condition #(s) 7B, 7E;
- ii. ☐ The permit should be conditioned as indicated in item 2 below.
- iii. ☐ The permit should contain special condition(s) as indicated in item 3 below;

- B2.
- a. ☐ **Condition** to allow ground water production from no deeper than _____ ft. below land surface;
 - b. ☐ **Condition** to allow ground water production from no shallower than _____ ft. below land surface;
 - c. ☐ **Condition** to allow ground water production only from the _____ ground water 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 Ground Water 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): _____

- [illegible]

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040**C1. 690-09-040 (1): Evaluation of aquifer confinement:**

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
All	Interbedded valley-fill sediments	☒	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Basis for aquifer confinement evaluation: Except for well #3, the static water level at these and other nearby wells is commonly above the depth where water was first found. The shallowest, likely unconfined, water-bearing zones were not developed. However, no variation in SWL was reported here, but this has been reported in a few nearby wells. The lithology generally is described as low permeability material to well below the seal depth.

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?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	Malheur Slough	4107	4114	4000	☐	☒	☐	☐	☒
2	1	Malheur Slough	4107	4114	3600	☐	☒	☐	☐	☒
3	1	Malheur Slough	4107	4112	1500	☐	☒	☐	☐	☒
4	1	Malheur Slough	4094	4112	1900	☐	☒	☐	☐	☒
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: The targeted water-bearing zone is below the nearest reaches of the surface water sources. Downstream, at more distant reaches of Malheur Slough or Malheur Lake, hydraulic connection is almost certain.

Water Availability Basin the well(s) are located within: Malheur Sl. > Malheur Lake ab Ninemile Sl. (31200107)

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

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

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

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

Comments: This section does not apply.

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

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

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

Basis for impact evaluation: This section likely applies. However, the areas where hydraulic connection is likely are not known with certainty and interference is likely very diffuse. Use of the Hunt model is judged not to be appropriate for calculation of potential interference.

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 ground water 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 _____

References Used: Ground Water Report #16; WSP #841; reviews of files G-15630, G-14184 & G-16193; local well logs.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

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

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

D3. **THE WELL construction deficiency:**

- a. ☐ constitutes a health threat under Division 200 rules;
b. ☐ commingles water from more than one ground water reservoir;
c. ☐ permits the loss of artesian head;
d. ☐ permits the de-watering of one or more ground water reservoirs;
e. ☐ other: (specify) _____

D4. **THE WELL construction deficiency is described as follows:** _____

_____D5. **THE WELL** a. ☐ was, or ☐ was not constructed according to the standards in effect at the time of original construction or most recent modification.b. ☐ I don't know if it met standards at the time of construction.D6. ☐ **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

D7. ☐ Well construction deficiency has been corrected by the following actions: _____

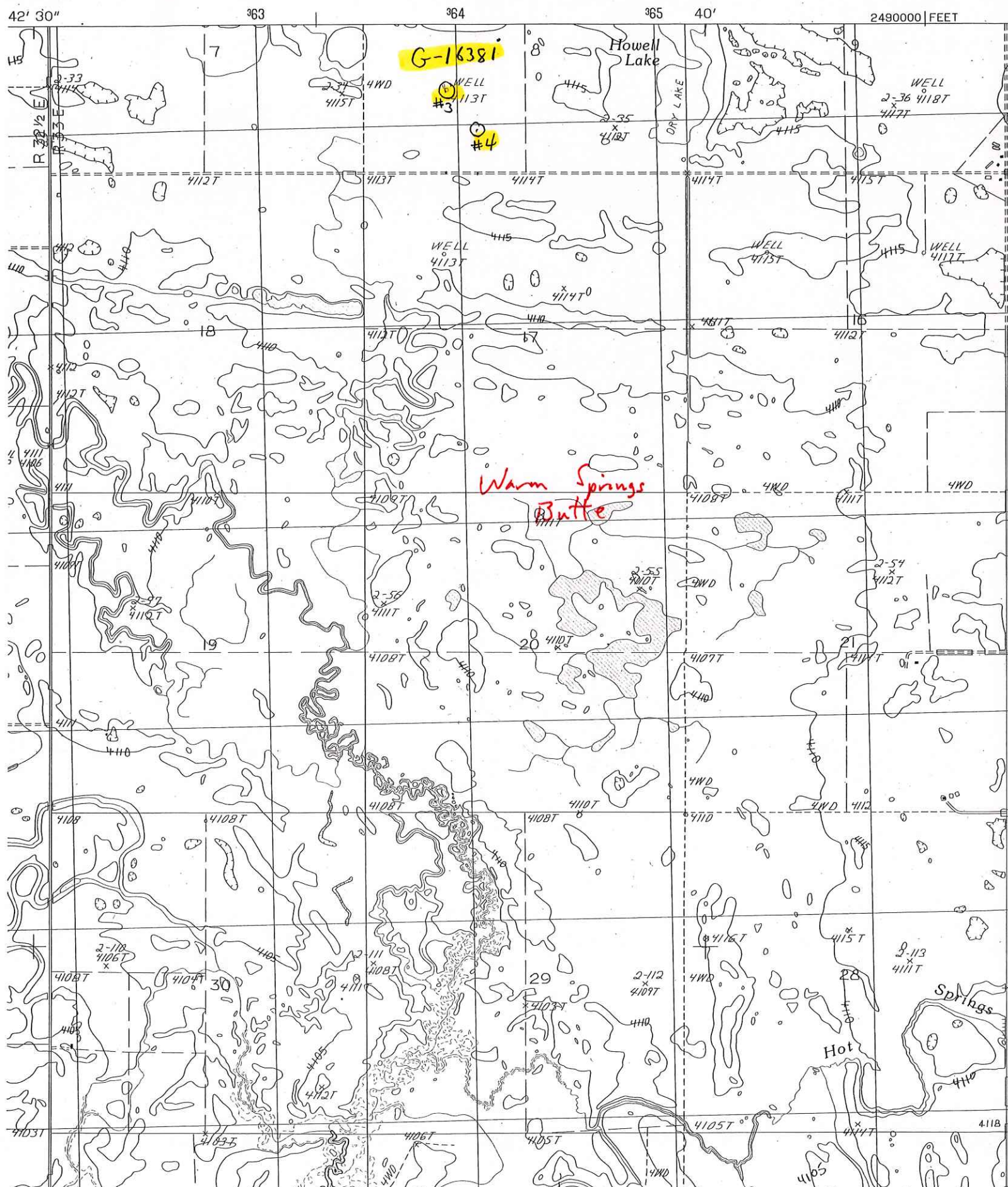
__________, 200_____
(Enforcement Section Signature)D8. ☐ **Route to Water Rights Section (attach well reconstruction logs to this page).**

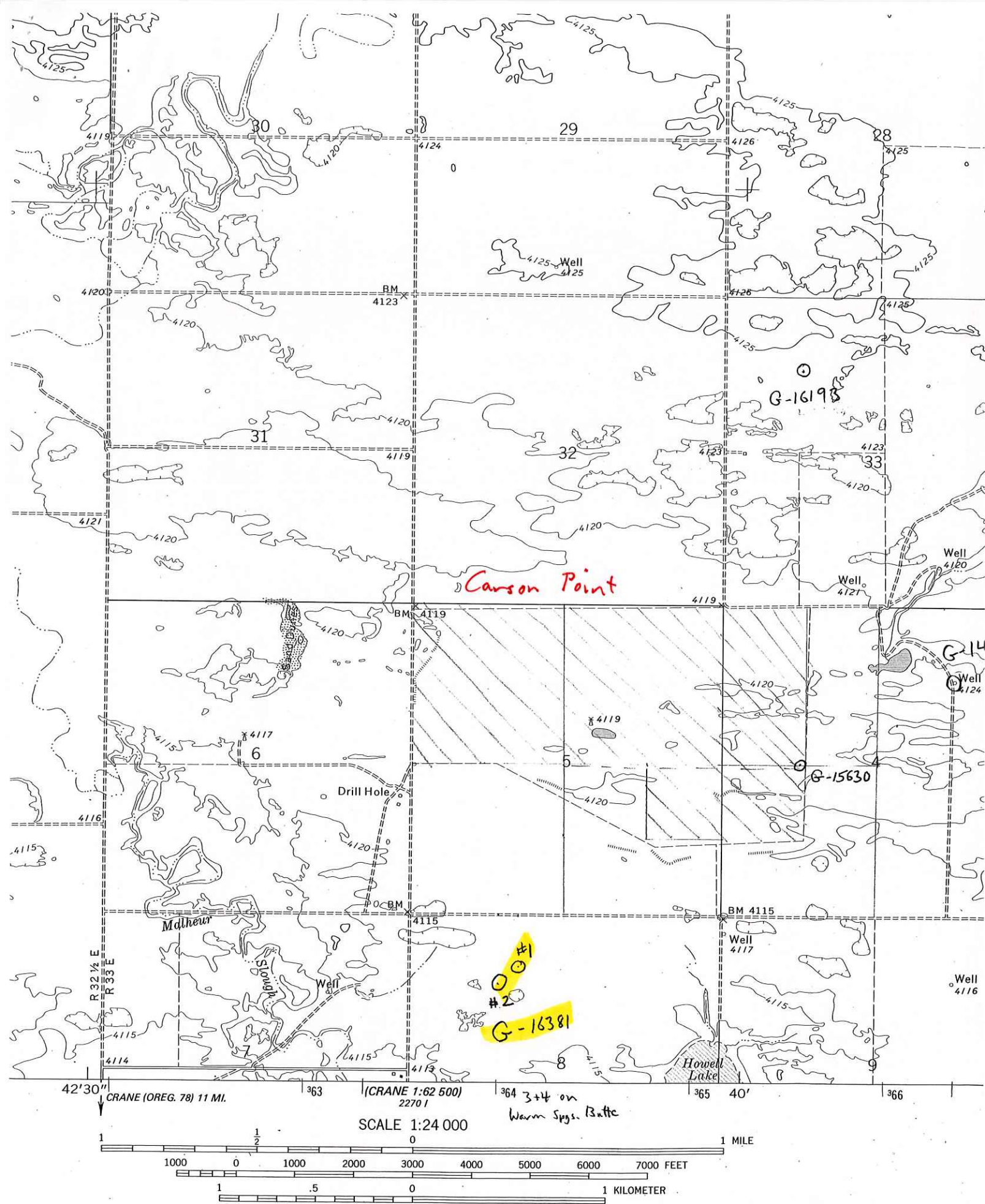
MEMO

April 12, 2005

☐ Yes☒ No☐ Yes☒ No☒[illegible]

1+2 on Carson Point



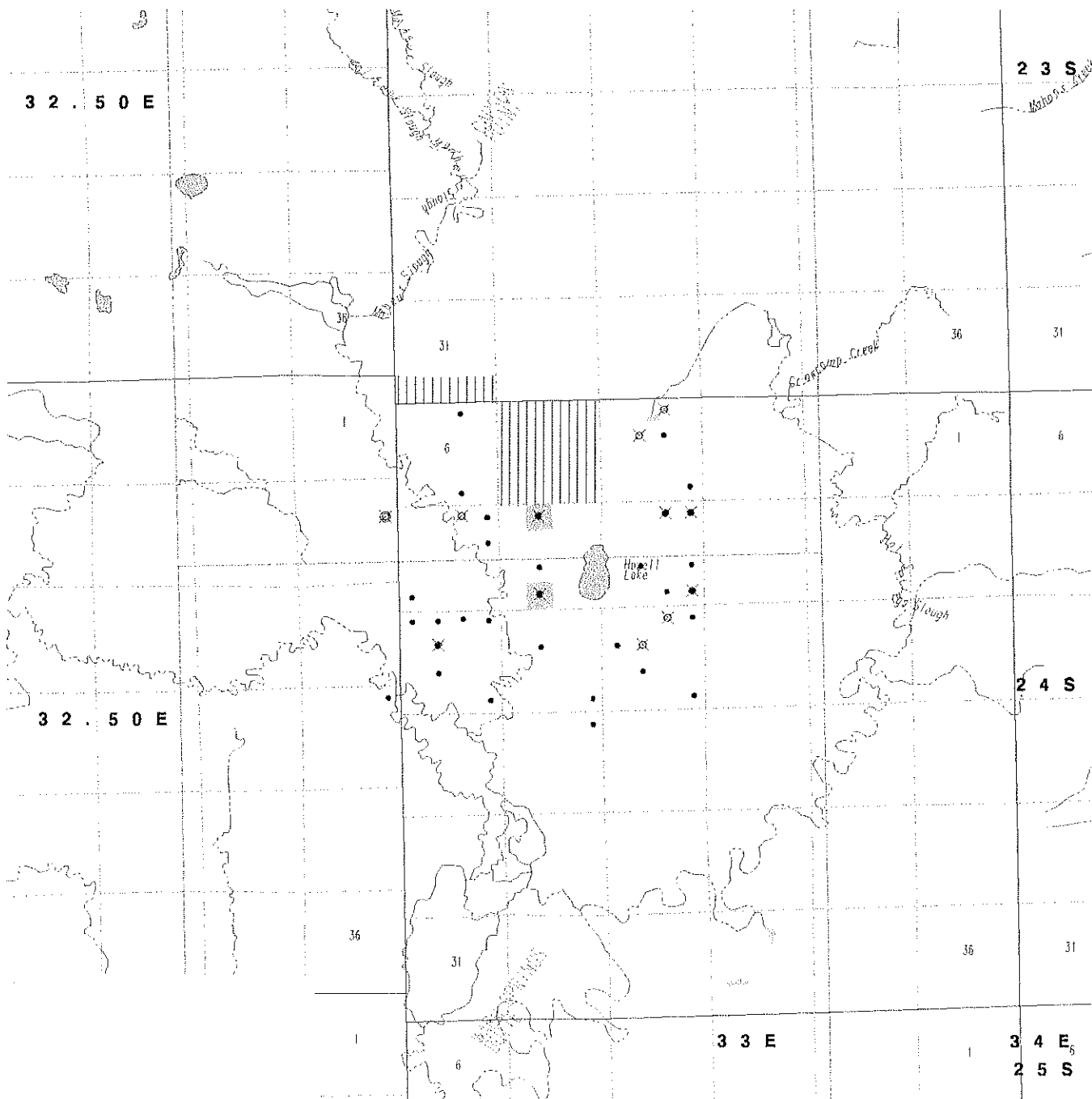


CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

OREGON

Wells in the vicinity of application G 16381

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- Wells identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- OWRD Observation well and well-id within 5 mi. radius of application well(s)
- Critical GW Area
- Regulated GW Area



WELL LOGS WITHIN 1 MILE OF APPLICATION G 16381

ABANDON: 1
 RECONDITIONED: 0
 REPAIRED: 0
 CONVERSION: 0
 DEEPENINGS: 0
 NEW CONSTRUCT: 33

COMMUNITY USE: 0
 DOMESTIC USE: 6
 INDUSTRIAL USE: 0
 INJECTION USE: 0
 IRRIGATION USE: 24
 THERMAL USE: 0
 LIVESTOCK USE: 2

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 16381

\$RECNO	APPLICATION	PERMIT	CLAIM	LOC-QQ	USE_CODE
1	G	12602	G 11765	0 24.00S32.50E12SENE	IR
1	G	8800	G 8241	0 24.00S32.50E12SENE	IR
2	G	14184	G 12756	0 24.00S33.00E 4NWN	IR
3	G	15630	G 15214	0 24.00S33.00E 4SENW	IR
4		0	G 7351	0 24.00S33.00E 9NENE	IR
4		0	G 7352	0 24.00S33.00E 9NENE	IR
4		0	G 10390	0 24.00S33.00E 9NENE	IR
4	G	14819	G 13645	0 24.00S33.00E 9NENE	IR
4	G	7065	G 7351	0 24.00S33.00E 9NENE	IR
5		0	G 7351	0 24.00S33.00E 9NWN	IR
5		0	G 7352	0 24.00S33.00E 9NWN	IR
5		0	G 10390	0 24.00S33.00E 9NWN	IR
5	G	14819	G 13645	0 24.00S33.00E 9NWN	IR
5	G	7065	G 7351	0 24.00S33.00E 9NWN	IR
6	G	5952	G 5748	0 24.00S33.00E 7NWN	IR
7	G	16381	0	0 24.00S33.00E 8NENW	IR
8		0	G 7351	0 24.00S33.00E 9SESE	IR
8		0	G 7352	0 24.00S33.00E 9SESE	IR
8		0	G 10390	0 24.00S33.00E 9SESE	IR
8	G	14819	G 13645	0 24.00S33.00E 9SESE	IR
8	G	7065	G 7351	0 24.00S33.00E 9SESE	IR
8	G	11250	G 10390	0 24.00S33.00E 9SESE	IR
9	G	16381	0	0 24.00S33.00E 8SESW	IR
10	G	9558	G 9273	0 24.00S33.00E16NWN	IR
11	G	9558	G 9273	0 24.00S33.00E16SENW	IR
12	G	7079	G 7124	0 24.00S33.00E18SENW	IR
12	G	7079	G 7124	0 24.00S33.00E18SENW	IR
12	G	7079	G 7124	0 24.00S33.00E18SENW	IR
12	G	7079	G 7124	0 24.00S33.00E18SENW	IR
12	G	7079	G 7124	0 24.00S33.00E18SENW	IR

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 16381

\$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G	8800	G 8241 24.00S32.50E12SENE	
1	G	12602	G 11765 24.00S32.50E12SENE	4KG

APPLICATION G 16381 FALLS WITHIN THESE QUAD(S)

CARSON POINT

WARM SPRINGS BUTTE

Analysis for Application: G16381

Location: 24S-33E-8-NWNE

Uses: IR 14.5 P

Basins

BASIN_NUM	BASIN_NAME
12	Malheur Lake

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

Records Found: 1

WAB

WS_ID	BASIN	LINK1
31200107	12	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Harney	41025

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 24S-33E-8-SWNE

Uses: IR 28 P

Basins

BASIN_NUM	BASIN_NAME
12	Malheur Lake

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

Records Found: 1

WAB

WS_ID	BASIN	LINK1
-------	-------	-------

Uses: IR 28.05 P

Basins

BASIN_NUM	BASIN_NAME
12	Malheur Lake

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

Records Found: 1

WAB

WS_ID	BASIN	LINK1
31200107	12	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Harney	41025

Records Found: 1

Groundwater Restricted Records Found: 0**Divison 33 Area Records Found: 0****Rule 4D Records Found: 0****303D Streams Records Found: 0****303D Lakes Records Found: 0****Location: 24S-33E-8-SENW**

Uses: IR 40 P

Basins

BASIN_NUM	BASIN_NAME
12	Malheur Lake

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

Records Found: 1

WAB

WS_ID	BASIN	LINK1
31200107	12	Water Availability: 50% 80%

Records Found: 1

Basins

BASIN_NUM	BASIN_NAME
12	Malheur Lake

Records Found: 1**WaterMaster Districts**

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

Records Found: 1**WAB**

WS_ID	BASIN	LINK1
31200107	12	Water Availability: 50% 80%

Records Found: 1**County**

COUNTY	FIPS
Harney	41025

Records Found: 1**Groundwater Restricted Records Found: 0****Divison 33 Area Records Found: 0****Rule 4D Records Found: 0****303D Streams Records Found: 0****303D Lakes Records Found: 0****Location: 24S-33E-8-NESW****Uses: IR 28 P****Basins**

BASIN_NUM	BASIN_NAME
12	Malheur Lake

Records Found: 1**WaterMaster Districts**

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

Records Found: 1**WAB**

WS_ID	BASIN	LINK1
31200107	12	Water Availability: 50% 80%

Records Found: 1**County**

COUNTY	FIPS
--------	------

[illegible]

DIVISION 512

MALHEUR LAKE BASIN PROGRAM PROVISION

690-512-0040

Water Availability

(1) Except as provided in section (3) of this rule, the Department shall not accept an application for permit, or issue a permit, for any use of surface water, or of groundwater the use of which has the potential to substantially interfere with surface water, in the Malheur Lake Basin unless the applicant shows, by a preponderance of evidence, that unappropriated water is available to supply the proposed use at the times and in the amounts requested. The evidence provided shall be prepared by a qualified hydrologist or other water resources specialist and shall include:

(a) Streamflow measurements of gage records from the source or, for use of groundwater, the stream in hydraulic connection with the source; or

(b) An estimate of water availability from the source or, for use of groundwater, the stream in hydraulic connection with the source which includes correlations with streamflow measurements or gage records on other, similar streams and considers current demands for water affecting the streamflows.

(2) The criteria used in determining if the use of groundwater has the potential to substantially interfere with surface water shall be those established in OAR Chapter 690, Division 9.

(3) This rule shall not apply to issuance of:

(a) Instream water rights;

(b) Permits for storage of water between March 1 and May 31 if the application is not required to be referred to the Commission under OAR 690-011-0080(2)(a)(C); or

(c) Permits for use of water legally stored.

Stat. Auth.: ORS 536.300 & ORS 536.340

Stats. Implemented:

Hist.: WRD 3-1985, f. & cert. ef. 3-28-85; WRD 23-1990, f. & cert. ef. 12-14-90; Administrative Renumbering 1-1993, Renumbered from 690-080-0120

Platcard Report

Township 24S Range 33E Section 8

					NE				NW				SW				SE					
	App# Priority	Permit/ Certificate	Claim/ Decree	Status dlc/lot	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Govt Lot	DLC
i	G16381 02/03/2005	- -				14.5 IR	28.0 IR		38.35 IR	28.05 IR	38.35 IR	40.0 IR	28.0 IR	14.5 IR				8.25 IR				

Page:1

[Return to Platcard Query Screen](#)

Run Time: 1 seconds



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

May 27, 2005

CHAD BRADACH
65443 HWY 78
BURNS, OR 97720

(541)493-2366

Reference: File G-16381

Dear Applicant:

THIS IS NOT A PERMIT AND IS SUBJECT TO CHANGE AT THE NEXT PHASE OF PROCESSING.

This letter is to inform you of the preliminary analysis of your water use permit application and to describe your options. In determining whether a water use permit 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 you have supplied, the Water Resources Department has made the following preliminary determinations:

Initial Review Determinations:

1. The proposed use is not prohibited by law or rule except where otherwise noted below.
2. The use of water from FOUR WELLS IN MALHEUR SLOUGH BASIN for IRRIGATION USE ON 242.0 ACRES is **allowable** under OAR 690-512-040, the Malheur Lake Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will not have the potential for substantial interference with the nearest surface water source.
4. The Department has also determined, based upon available data, that the use of groundwater in the amount of 3.0 CUBIC FEET PER SECOND for IRRIGATION USE ON 242.0 ACRES if properly conditioned, will not injure existing rights or the groundwater resource.

Summary of Initial Determinations

The use of 3.0 CUBIC FEET PER SECOND from FOUR WELLS IN MALHEUR SLOUGH BASIN for IRRIGATION USE ON 238.0 ACRES is allowable from March 1 through October 31 of each year.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

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 and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until 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 senior water rights. The water user shall in no instance allow

APPLICATION FACT SHEET

Mail to: *Applicant, Watermaster, District Biologist (ODFW)*
If necessary, also mail to : Regional Water quality manager (DEQ), and DOA

Application File Number: G-16381

Applicant: CHAD BRADACH

County: Harney

Watermaster: 10

Priority Date: February 3, 2005

Source: FOUR WELLS IN MALHEUR SLOUGH BASIN

Use: IRRIGATION USE ON 242.0 ACRES

Quantity: 3.0 CUBIC FEET PER SECOND

Basin Name & Number: Malheur Lake, #12

Stream Index Reference: Volume 2 MALHEUR L & MISC

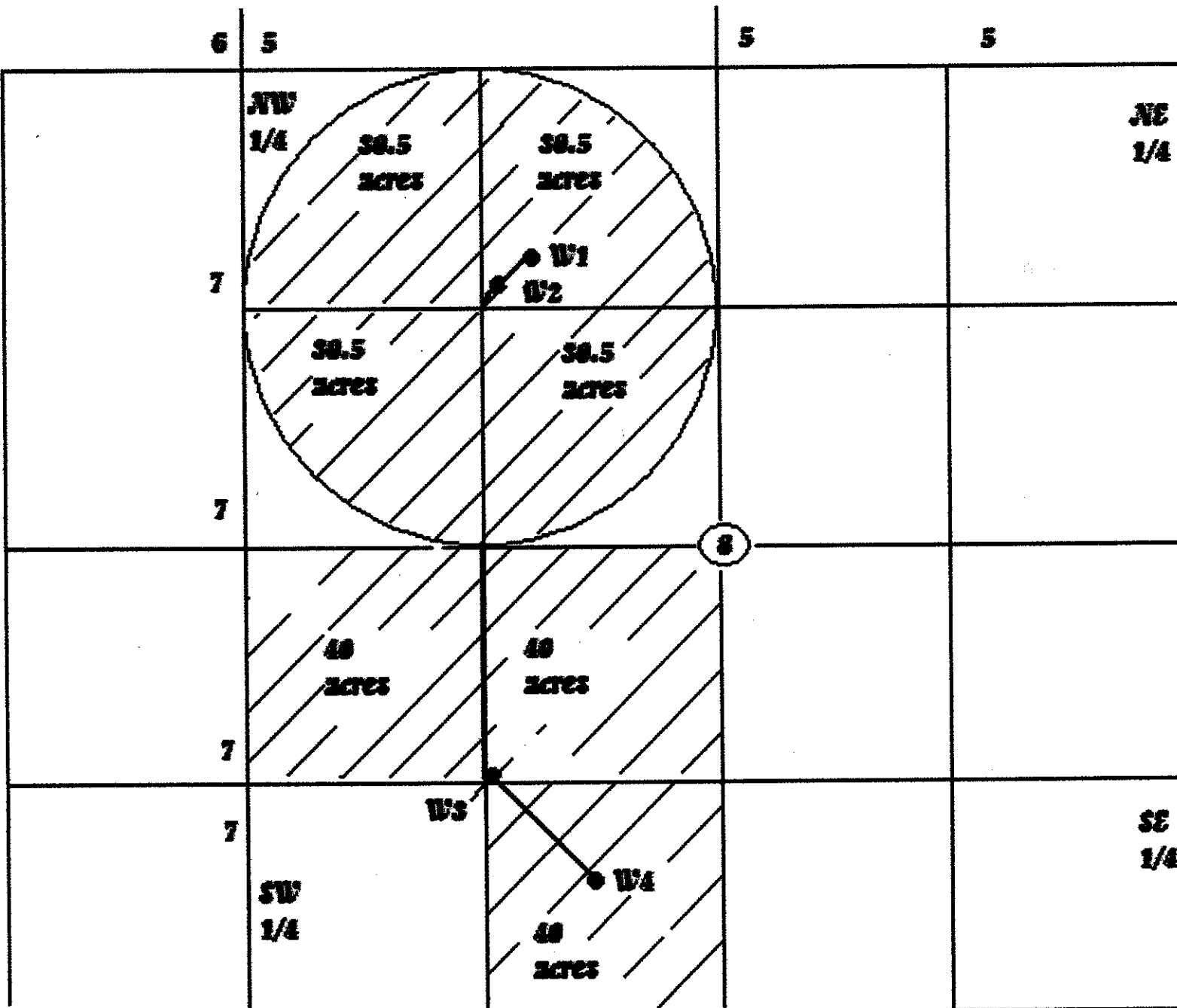
Well Locations:

WELL 1: NENW, SECTION 8, T24S, R33E, W.M.; 882 FEET SOUTH & 1851 FEET EAST
FROM NW CORNER, SECTION 8

WELL 2: NENW, SECTION 8, T24S, R33E, W.M.: 1167 FEET SOUTH AND 1520 FEET
EAST FROM NW CORNER, SECTION 8

WELL 3: NESW, SECTION 8, T24S, R33E, W.M.; 1325 FEET NORTH AND 1352 FEET
EAST FROM THE SW CORNER, SECTION 8

WELL 4: SESW, SECTION 8, T24S, R33E, W.M.; 700 FEET NORTH & 1878 FEET EAST
FROM SW CORNER, SECTION 8



**Township 24 S.
Range 33 E
Section 8**

Ex lot 1900

**W1 = Well 1
W2 = Well 2
W3 = Well 3
W4 = Well 4**

— = 8" line

[Hatched Box] = 242 irrigate

1" = 800'

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WATER RESOURCES DEPT
SALEM, OREGON**

18
W1 is 882' south and 1851' east of the NW corner of section 8.
W2 is 1167' south and 1520' east of the NW corner of section 8.
W3 is 1325' North and 1352' east of the SW corner of section 8.
W4 is 700' North and 1878' east of the SW corner of section 8.

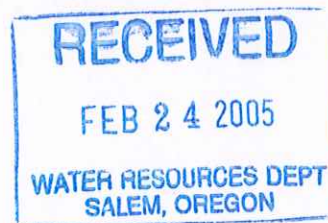
app # G16381



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1271
 (503) 986-0900
www.wrd.state.or.us

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/publication/reports/index.shtml.



1. APPLICANT INFORMATION

A. Individuals

Applicant: Chad Bradach
First Last

Mailing address: 65443 Hwy. 78
Burns OR 97720
City State Zip

Phone: (541) 493-2366
Home Work Other

*Fax: _____ *E-Mail address: ccbradach@centurytel.net

B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of organization: N/A

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

* Optional information

For Department Use		
App. No. <u>G 16381</u>	Permit No. _____	Date _____

2. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

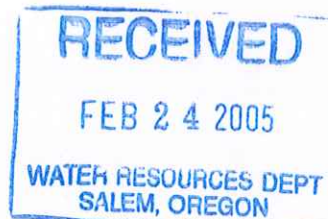
☒ Yes (Skip to section 3 "Ground water Development.")

☐ No (Please check the appropriate box below.)

☐ 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 irrigated and/or domestic use only (ORS 274.040).



List the names and mailing addresses of all affected landowners.

N/A

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 4

Name of nearest surface water body: Malheur Lake

Distance from well(s) to nearest stream or lake: 1) 8 miles

2) 8 miles 3) 8 miles 4) 8 miles

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) N/A

2) N/A 3) N/A 4) N/A

B. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to question F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by: See well logs.

Address: _____

Completion date: _____

Please provide a description of your well development. (*Attach additional sheets if needed.*)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
		See	well	logs					

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

C. Artesian Flows

If your water well is flowing artesian, describe your water control and conservation works:

N/A

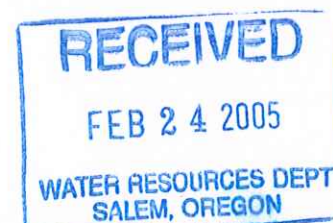
4. WATER USE

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: _____
- If your proposed use is **irrigation**, please attach **Form I**
- If your proposed use is **mining**, attach **Form R**
- If your proposed use is **municipal or quasi-municipal**, attach **Form M**
- If your proposed use is **commercial/industrial**, attach **Form Q**



B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1		irrigation	500	154,080,000	1350
2		irrigation	500	154,080,000	620
3		irrigation	400	123,264,000	585
4		irrigation	400	123,264,000	900

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 3 CFS
(The fees for your application will be based on this amount.)

D. Period of Use

Indicate the time of year you propose to use the water: March 1 - October 31
(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

E. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used: 242
(This number should be consistent with your application map.)

5. WATER MANAGEMENT

A. Diversion

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

- ☒ Pump (give horsepower and pump type): (1) 30 hp turbine pump per well.
☐ Other means (describe): _____

B. Transport

How will you transport water to your place of use?

- ☐ Ditch or canal (give average width and depth):

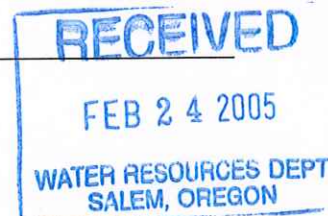
Width _____ Depth _____

Is the ditch or canal to be lined? ☐ Yes ☐ No

- ☒ Pipe (give diameter and total length):

Diameter 8" Length 3430'

- ☐ Other (describe) _____



C. Application/Distribution Method

What equipment will you use to apply water to your place of use? Center pivot system and wheel lines.

Irrigation or land application method (check all that apply):

- | | | |
|--|---|---|
| ☐ Flood | ☒ High-pressure sprinkler | ☐ Low pressure sprinkler |
| ☐ Drip | ☐ Water cannons | ☒ Center pivot system |
| ☐ Hand lines | ☒ Wheel lines | |
| ☐ Siphon tubes or gated pipe with furrows | | |
| ☐ Other, describe _____ | | |

Distribution method

- ☒ Direct pipe from source ☐ In-line storage (tank or pond) ☐ Open canal

D. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

I will use wheel lines and a center pivot system because they are the most efficient way to water ground with varied elevations. Soil moisture content will be closely monitored.

6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin: 1/15/06

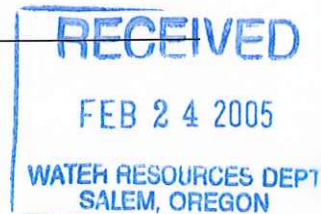
Proposed date construction will be completed: 1/15/07

Proposed date beneficial water use will begin: 1/15/08

7. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

In section 4B of the application, I have requested a total of 1800 G.P.M. As I begin re-testing the quality of these wells, I expect to find concerns that render them less favorable for use. My intention is to combine some, or all, of these wells in a manner that uses no more than 3 cfs.



8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

9. SIGNATURE

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 packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- 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 canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all information provided in this application is true and correct to the best of my knowledge:



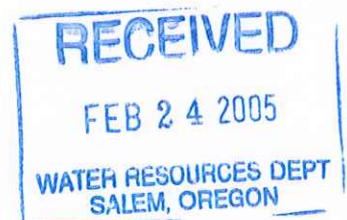
Signature of Applicant *(If more than one applicant, all must sign.)*



Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.





Oregon Water Resources Department

FORM I

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

☒ Primary ☐ Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: 242 Acres

Secondary: _____ Acres

List the permit or certificate number of the primary water right: No. _____

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

- | | | |
|-------------------|---|--|
| 1. <u>Alfalfa</u> | ☒ Full season | ☐ Partial season (from: _____ to _____) |
| 2. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 3. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 4. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |

3. Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

1771 acre-feet

(1 acre-foot equals 12 inches of water spread over 1 acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

- | | |
|---|---|
| ☐ Daily during daytime hours | ☐ Daily during nighttime hours |
| ☐ Two or three times weekly during daytime | ☐ Two or three times weekly during nighttime |
| ☐ Weekly, during daytime hours | ☐ Weekly, during nighttime hours |

☒ Other, explain: Continuous irrigation via center pivot system and wheel lines. (as needed.)

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WATER RESOURCES DEPT
SALEM, OREGON

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

Please type or print

(Do not write above this line)

RECEIVED

State Well No. 24833E-8ba

State Permit No.

JUN 2 1978

(1) OWNER:

Name Mr. Walter Kleiner
Address 1725-89th., N.E.
Bellevue WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 336 ft. Gage 250
" Diam. from " ft. to " ft. Gage
" Diam. from " ft. to " ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Factory lowered
Size of perforations 1/8 in. by 2 1/2 in.
2,560 perforations from 168 ft. to 336 ft.
perforations from " ft. to " ft.
perforations from " ft. to " ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name
Type Model No.
Diam. Slot size Set from " ft. to " ft.
Diam. Slot size Set from " ft. to " ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom?

Yield: 1,350 gal./min. with 180 ft. drawdown after 8 hrs.

Baller test gal./min. with " ft. drawdown after " hrs.

Artesian flow g.p.m.

Temperature of water 56 Depth artesian flow encountered " ft.

(9) CONSTRUCTION:

Well seal—Material used grout cement

Well sealed from land surface to 18 ft.

Diameter of well bore to bottom of seal 29 in.

Diameter of well bore below seal 29 in.

Number of sacks of cement used in well seal 7 sacks

Number of sacks of bentonite used in well seal " sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons

of water " lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs " Size: location " ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? " depth of strata

Method of sealing strata off

Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8

Gravel placed from 18 ft. to 380 ft.

(10) LOCATION OF WELL:

County Salem, Oregon Driller's well number
n.e. 1/4 n.w. 1/4 Section 8 T. 24 R. 33-e. W.M.

Bearing and distance from section or subdivision corner
512' n.e. of the center of the n.w. 1/4
of sec. 8 - t-24-s/r-33-e

(11) WATER LEVEL: Completed well.

Depth at which water was first found 68 ft.

Static level 8 ft. below land surface. Date 5/8/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 380 ft. Depth of completed well 336 ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
sand&clay small gravel	0	15	
tan sandy clay	15	20	
gray&blue clay	20	68	
gray sandstone & clay	68	83	
black silty clay	83	165	
black&gray clay	165	180	
clay&sand stringers	180	195	
gray&black silty clay	195	247	
fine sand	247	253	
gravel, sand, & pumice	253	299	
sandstone, clay, pumice	299		
green claystone, b. sand		320	
coarse black sandstone	320	332	
green claystone fract.	332	341	
green sandstone	341	370	
green clay	370	380	

Work started 5/8/ 1978 Completed 5/9/ 1978

Date well drilling machine moved off of well 5/10/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision.
Materials used and information reported above are true to my
best knowledge and belief.

[Signed] Donald J. Hume Date 5-11, 1978

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.

Name Western Water Wells Inc.

(Person, firm or corporation) (Type or print)

Address 2485 W. Main St. Philathon, Ore.

[Signed] James B. Smith

(Water Well Contractor)

Contractor's License No. 659 Date 5/11, 1978

(USE ADDITIONAL SHEETS IF NECESSARY)

SP-48656-119

FEB 24 2005

WATER RESOURCES DEPT
SALEM, OREGON

Well #1

TICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be
filled with the

TE ENGINEER, SALEM, OREGON 97301
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No.

State Permit No.

OWNER:

1a Mr. Walter Kliner

1b 1725 - 89th., N.E.

Bellevue, WA. 98004

TYPE OF WORK (check):

v Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

bandonment, describe material and procedure in item 12.

TYPE OF WELL:

 any ☒ Driven ☐
 de ☐ Jetted ☐
 t ☐ Bored ☐

(4) PROPOSED USE (check):

 Domestic ☐ Industrial ☐ Municipal ☐
 Irrigation ☐ Test Well ☐ Other ☐

CASING INSTALLED:

16" Diam. from 0 ft. to 432 ft. Gage 250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

pe of perforator used Factory louvered

e of perforations 1/8 in. by 2 in.

15, 120 perforations from 96 ft. to 432 ft.

perforations from ft. to ft.

perforations from ft. to ft.

SCREENS:

Well screen installed? ☐ Yes ☒ No

manufacturer's Name

pe Model No.

am. Slot size Set from ft. to ft.

am. Slot size Set from ft. to ft.

WELL TESTS:

Drawdown is amount water level is

manager lowered below static level.

as a pump test made? ☒ Yes ☐ No If yes, by whom?

add: 620 gal./min. with 180 ft. drawdown after 8 hrs.

" " " "

" " " "

filter test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 59 Depth artesian flow encountered ft.

CONSTRUCTION:

Well seal—Material used cement grout

Well sealed from land surface to 18 ft. ft.

Diameter of well bore to bottom of seal 29 in.

Diameter of well bore below seal 29 in.

Number of sacks of cement used in well seal 7 sack sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons

Water lbs./100 gals.

Has a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.Are any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Is well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8 in.

Number of sacks 18 " " 620

(10) LOCATION OF WELL:

County Harney

n.e. SALEM, OREGON T. 24 R. 33-e

Bearing and distance from section or subdivision corner

312 ft. n.e. of center of the n.w.

1 of sec. 8 t-24/ r-33-e

(11) WATER LEVEL: Completed well.

Depth at which water was first found 65 ft.

Static level 8 ft. below land surface. Date 4/24/

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29"

Depth drilled 620 ft. Depth of completed well 432'

Formation: Describe color, texture, grain size and structure of mater
and show thickness and nature of each stratum and aquifer penetr
with at least one entry for each change of formation. Report each chan
position of Static Water Level and indicate principal water-bearing st

MATERIAL	From	To	SV
top soil	0	2	
sand	2	5	
blue & green clay	5	65	
gray sandstone	65	74	
sandy gray clay	74	93	
sandstone	93	95	
green sandy clay	95	145	
black clay	145	190	
gray & green clay	190	248	
black clay	248	284	
coarse sand & med. gravel	284	290	
sand stringers of clay	290	307	
green claystone	307	329	
black cinders & sand	329	335	
gray sandstone	335	338	
soft sandstone & med sand	338	367	
gray clay sandstone strig	367	405	
coarse gray sand	405	408	
gray clay	408	440	

Work started 4/24/ 19 78 Completed 4/25/ 1

Date well drilling machine moved off of well 4/25/ 1

Drilling Machine Operator's Certification:

This well was constructed under my direct supervis
Materials used and information reported above are true to
best knowledge and belief.

[Signed] *Donald J. Houser* Date 4-25-78
(Drilling Machine Operator)

Drilling Machine Operator's License No. 10 262

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this repo
true to the best of my knowledge and belief.

Name *Western Water Wells Inc.*
(Person, firm or corporation) (Type or print)

Address 2455 W. Main St. Salem, OR

[Signed] *James B. Blair*

(Water Well Contractor)

Contractor's License No. 659 Date 4/25/ 1

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FEB 24 2005

 WATER RESOURCES DEPT
 SALEM, OREGON

Well #2

Well #3

WATER WELL REPORT

RECEIVED

RECEIVED

STATE ENGINEER SALEM, OREGON 97331
within 30 days from the date
of well completion.

WATER RESOURCES DEPT.

SEP 8 1978

REF. # 10

State Well No. 24/33E-8cd

State Permit No.

FEB 24 2005

(1) OWNER: SALEM, OREGON

Name Mr. Walter Kleiner SALEM, OREGON

Address 1725 - 89th. N.E.

Bellevue WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Cable ☐ Dug ☐ Driven ☐ Jetted ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

16" Diam. from 0 ft. to 480' ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used factory louvered

Size of perforations 1/8 in. by 2 1/2 in.
14,976 perforations from 168 ft. to 480' ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot size Set from ft. to ft.

Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

to be tested at a later date.

Yield: 909 gal./min. with 286' ft. drawdown after 68 hrs.

Baller test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 60° Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used cement grout

Well sealed from land surface to 18' ft.

Diameter of well bore to bottom of seal 29" in.

Diameter of well bore below seal 29" in.

Number of sacks of cement used in well seal 7 sack sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons of water lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size; location ft.Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8

Gravel placed from 18' ft. to 500' ft.

(10) LOCATION OF WELL:

County Harney

Driller's well number

S.e. 1/4 S.W. 1/4 Section #8 T.24-S-R-33-E W.M.

Bearing and distance from section or subdivision corner

600' ft. due so. east of center pivot.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 89' ft.

Static level 20' ft. below land surface. Date May 21/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29"

Depth drilled 500' ft. Depth of completed well 480' ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
top soil	0	2	
gray sandy clay	2	22	
green clay&black sandstone	22	194	-
gray sandstone	194	210	
gray&black clays	210	274	
olive green clay	274	314	
fine gravel& sandstone	314	330	
tan sandstone	330	362	
gray & green clays	362	384	
green& black sandstone	384	404	
claystone& sandstone	404	427	
gray sandstone (dry)	427	435	
blue green claystone	435		
& sandstone layers		500	

Work started May/ 21 1978 Completed May/ 23 1978

Date well drilling machine moved off of well May/ 24/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] *Bundell J. J. J.* Date May 24, 1978

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

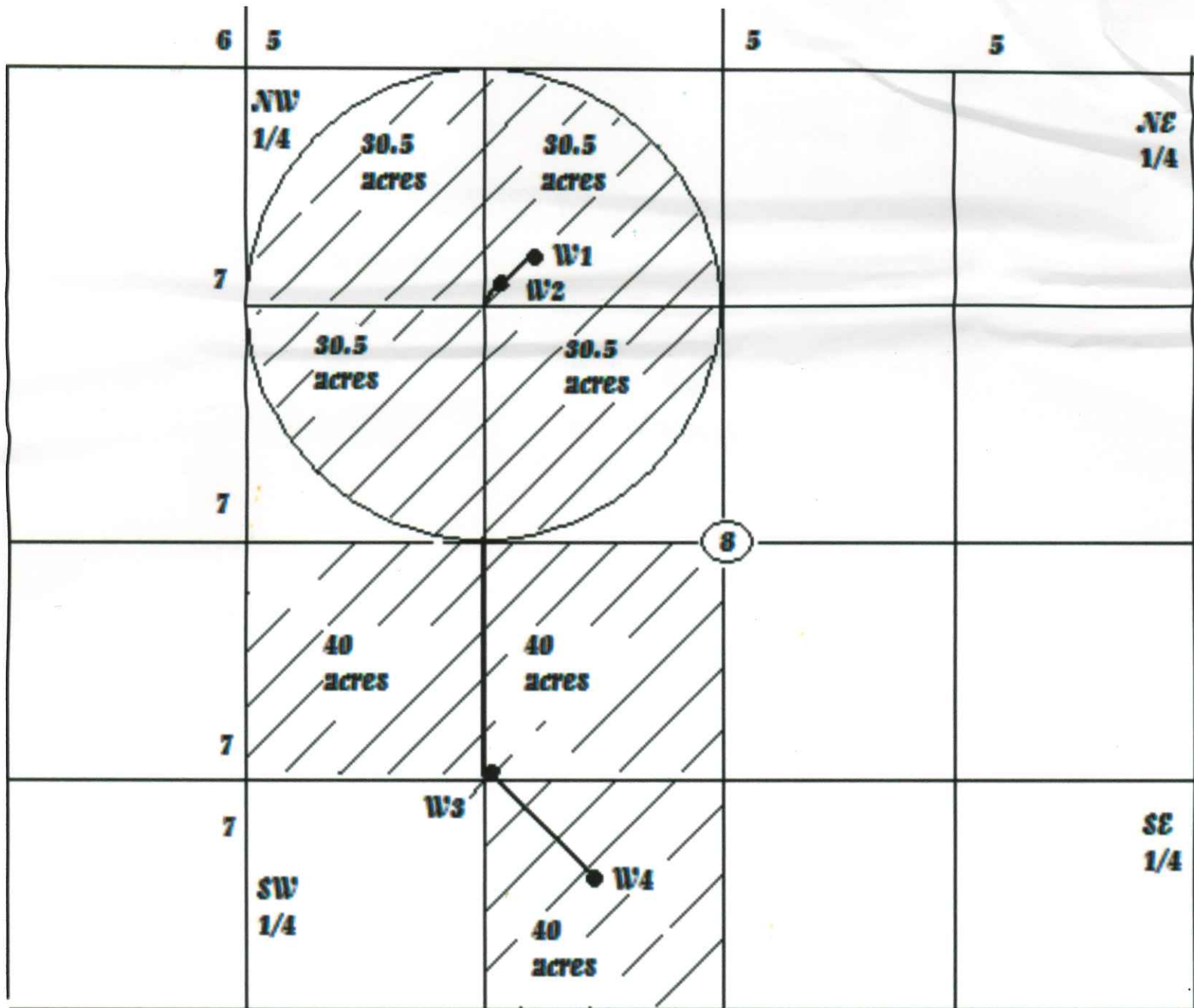
Name Western Water Wells Inc. (Person, firm or corporation) (Type or print)

Address

[Signed] *Jamie B. J.* (Water Well Contractor)

Contractor's License No. 659 Date May 28, 1978

Well #4



**Township 24 S.
Range 33 E
Section 8**

Tax lot 1900

**W1 = Well 1
W2 = Well 2
W3 = Well 3
W4 = Well 4**

— = 8" line

▨ = 242 irrigate

1" = 800'



18

**W1 is 882' south and 1851' east of the NW corner of section 8.
W2 is 1167' south and 1520' east of the NW corner of section 8.
W3 is 1325' North and 1352' east of the SW corner of section 8.
W4 is 700' North and 1878' east of the SW corner of section 8.**

*app # G16381
Permit # G-15986*

Untitled

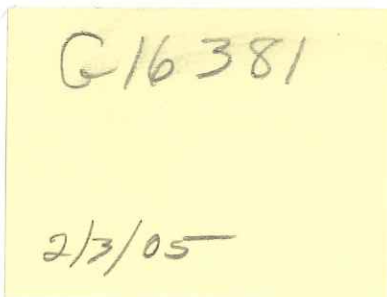
Oregon Water Resources Dept.

Recently I had a conversation with Anita Huffman regarding some ammendments that I wanted to make to my application for ground water. She instructed me to make changes in the areas that I was concerned with and re-submit the affected portions of my application.

These portions include number of wells to be cocidered, total number of irrigated acres and a revised map of the area affected.

Please accept my ammended application and contact me with any questions or concerns with this material.

Thank You,
Chad Bradach





POLICY OF TITLE INSURANCE

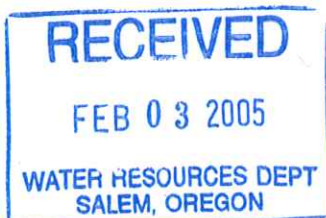
POLICY No. 73106 - 26776

CHICAGO TITLE INSURANCE COMPANY OF OREGON

SUBJECT TO THE EXCLUSIONS FROM COVERAGE, THE EXCEPTIONS FROM COVERAGE CONTAINED IN SCHEDULE B AND THE CONDITIONS AND STIPULATIONS, CHICAGO TITLE INSURANCE COMPANY OF OREGON, an Oregon corporation, herein called the Company, insures, as of Date of Policy shown in Schedule A, against loss or damage, not exceeding the Amount of Insurance stated in Schedule A, sustained or incurred by the insured by reason of:

1. Title to the estate or interest described in Schedule A being vested other than as stated therein;
2. Any defect in or lien or encumbrance on the title;
3. Unmarketability of the title;
4. Lack of a right of access to and from the land.

The Company will also pay the costs, attorneys' fees and expenses incurred in defense of the title, as insured, but only to the extent provided in the Conditions and Stipulations.



AmeriTitle
111 W. Washington
Burns, OR 97720

CHICAGO TITLE INSURANCE COMPANY OF OREGON

By:

President

ATTEST

Secretary



.....
Authorized Signature

OWNERS POLICY

SCHEDULE A

Order No.: 0016335-*

Policy No.: 73106-26776

Amount of Insurance: \$185,000.00

Premium: \$525.00

Date of Policy: JULY 14, 2003 AT 9:44 A.M.

1. Name of Insured:

***CHAD R. BRADACH and CHARMARIE R. BRADACH also known as CHARMARIE BRADACH
as tenants by the entirety***

2. The estate or interest in the land described or referred to in Schedule C and which is covered by this policy is:

A FEE

3. Title to the estate or interest in the land referred to herein is at Date vested in:

***CHAD R. BRADACH and CHARMARIE R. BRADACH also known as CHARMARIE BRADACH
as tenants by the entirety***

4. The land referred to in this Policy is described on the attached Schedule "C" and made a part hereof.



Order No. 0016335
Policy No. 73106-26776

SCHEDULE B



This policy does not insure against loss or damage (and the Company will not pay costs, attorney's fees or expenses) which arise by reason of the following:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Easements, liens, encumbrances, interests or claims thereof which are not shown by the public records. Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or by making inquiry of persons in possession thereof.
3. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
4. Unpatented mining claims; Reservations or exceptions in patents or in Acts authorizing the issuance thereof; Water rights, claims or title to water whether or not the matters excepted under (a), (b), or (c) are shown by the public records.
5. Any lien or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law not shown by the public records.
6. The 2003-2004 Taxes are a lien not yet due and payable.
7. Taxes deferred, as disclosed by the tax roll, the premises herein described have been zoned or classified for farm use. At any time that said land is disqualified for such use the property will be subject to additional taxes or penalties and interest.
8. Reservation of (minerals) in deed from Cecil C. Jones et al as to a full interest therein
Recorded: October 5, 1959
Book/Page: 66/671, (Affects all of Sec. 8, N $\frac{1}{2}$ SW $\frac{1}{4}$ of Sec. 17, all of Sec. 19, Twp. 24 S., R. 33 E., W.M. and Parcel No. 1 of Partition Plat No. 00-11-127 located in Sec. 7, Twp. 24 S., R. 33 E., W.M.)

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.
9. Reservation of (minerals) in deed from H.C. Vogler Jr. and Pearl E. Vogler, husband and wife as to an undivided one-half interest therein
Recorded: August 8, 1962
Book/Page: 71/543 Deed Records.

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.
10. Reservation of (minerals) in deed from Meadowland Ranches, Inc., a corporation as to a full interest therein
Recorded: February 6, 1963
Book/Page: 72/461, (Affects Lots 1 and 2 of Sec. 19, Twp. 24 S., R. 33 E., W.M.)

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.
11. Easement, including the terms and provisions thereof, affecting the portion of said premises and for the purposes stated therein
As granted to: Meadowland Ranches, Inc., a corporation
Recorded: February 6, 1963
Book/Page: 72/461, (Affects Lots 1 and 2 of Sec. 19, Twp. 24 S., R. 33 E., W.M.)
12. Reservation of (minerals) in deed from Meadowland Ranches, Inc., a corporation as to a full interest therein

Recorded: September 17, 1971
Book/Page: 91/531, (Affects the W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 19, Twp. 24 S. R 33 E., W.M.)

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.

13. Easement, including the terms and provisions thereof, affecting the portion of said premises and for the purposes stated therein

As granted to: Meadowland Ranches, Inc., a corporation

Recorded: September 17, 1971

Book/Page: 91/531, (Affects the W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$ NE $\frac{1}{4}$ of Sec. 19, Twp. 24 S., R. 33 E., W.M.)

14. Reservation of (minerals) in deed from Meadowland Ranches, Inc., a corporation, as to a full interest therein

Recorded: July 14, 1972

Book/Page: 93/252, (Affects the NE $\frac{1}{4}$ of Sec. 17, Twp. 24 S., R. 33 E., W.M.)

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.

15. Easement, including the terms and provisions thereof, affecting the portion of said premises and for the purposes stated therein

As granted to: Meadowland Ranches, Inc., a corporation

Recorded: July 14, 1972

Book/Page: 93/252, (Affects the NE $\frac{1}{4}$ of Sec. 17, Twp. 24 S., R. 33 E., W.M.)

16. Reservation of (minerals) in deed from Meadowland Ranches, Inc., a corporation as to a full interest therein

Recorded: December 30, 1975

Book/Page: 100/37, (Affects all of Sec. 8, SW $\frac{1}{4}$ of Sec. 17, S $\frac{1}{2}$ of Sec. 19, Twp. 24 S., R. 33 E., W.M.)

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.

17. Easement, including the terms and provisions thereof, affecting the portion of said premises and for the purposes stated therein

As granted to: Meadowland Ranches, Inc., a corporation

Recorded: December 30, 1975

Book/Page: 100/37, (Affects all of Sec. 8, SW $\frac{1}{4}$ of Sec. 17, S $\frac{1}{2}$ of Sec. 19, Twp. 24 S., R. 33 E., W.M. and Parcel No. 1 of Partition Plat No. 00-11-127 located in Sec. 7, Twp. 24 S., R. 33 E., W.M.)

18. Reservation of (minerals) in deed from Henry C. Vogler III as to a full interest therein

Recorded: March 13, 1980

Book/Page: 111/616, (Affects the NW $\frac{1}{4}$ of Sec. 17, E $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 19, Twp. 24 S., R. 33 E., W.M.)

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.

19. Reservation of (minerals) in deed from Geo L. Bevans and Hazel C. Bevans, husband and wife, as to an undivided one-half interest therein

Recorded: May 16, 1958

Book/Page: 65/43, (Affects the NW $\frac{1}{4}$ of Sec. 13, Twp. 24 S., R. 32 E., W.M.)

The mineral interest or excepted above has not been followed out and subsequent transactions affecting said interest or taxes levied against same are not reflected in this title evidence.

20. Mortgage, including the terms and provisions thereof, to secure an indebtedness of the amount herein stated.

Amount: \$270,000.00

Dated: June 27, 2003

Recorded: July 14, 2003

RECEIVED

FEB 03 2005

WATER RESOURCES DEPT
SALEM, OREGON

Order No. 0016335
Policy No. 73106-26776

Instrument No.: 20031378 Harney County Records

From: Chad R. Bradach and Charmarie R. Bradach, aka Charmarie Bradach husband and wife

To: Zions First National Bank

The beneficial interest under said mortgage was assigned of record by instrument

Dated: June 27, 2003

Recorded: July 14, 2003

Instrument No.: 20031379

Assigned to: U.S. Bank National Association, as custodian/trustee

END OF SCHEDULE B



EXHIBIT "A"

Land in Harney County, Oregon, as follows:

In Twp. 24 S., R. 33 E., W.M.:

Sec. 8: All.

Sec. 17: NW $\frac{1}{4}$, SW $\frac{1}{4}$, NE $\frac{1}{4}$.

Sec. 19: Government Lots 1, 2, 3 and 4, E $\frac{1}{2}$ W $\frac{1}{2}$, W $\frac{1}{2}$ E $\frac{1}{2}$, E $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$
W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$.

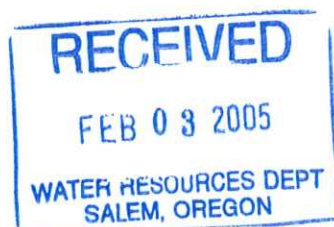
Land in Harney County, Oregon, as follows:

A parcel of land located in the E $\frac{1}{2}$ of Sec. 7, Twp. 24 S., R. 33 E., W.M., Harney County, Oregon, more particularly described as follows:

Parcel No. 1 of Partition Plat No. 00-11-127, recorded November 11, 2000,
Instrument No. 20002284, Harney County, Plat Records.

In Twp. 24 S., R. 32 E., W.M.:

Sec. 13: NW $\frac{1}{4}$.



20031377

20031953

WARRANTY DEED*RE-RECORDED TO CORRECT LEGAL DESCRIPTION*

JOHN STODDART and LOIS STODDART, as tenants by the entirety, Grantor(s) hereby grant, bargain, sell, warrant and convey to:

CHAD R. BRADACH and CHARMARIE R. BRADACH, as tenants by the entirety, Grantee(s) and grantee's heirs, successors and assigns the following Described real property, free of encumbrances except as specifically set forth herein in the County of HARNEY and State of Oregon, to wit:

SEE EXHIBIT A WHICH IS MADE A PART HEREOF BY THIS REFERENCE

SUBJECT TO: all those items of record and those apparent upon the land, if any, as of the date of this deed and those shown below, if any:

and the grantor will warrant and forever defend the said premises and every part and parcel thereof against the lawful claims and demands of all persons whomsoever, except those claiming under the above described encumbrances.

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

The true and actual consideration for this conveyance is \$185,000.00.

Until a change is requested, all tax statements shall be sent to Grantee at the following address: 65443 HWY. 78, BURNS, OR 97720

Dated this 9-10th day of JULY, 2003.

John Stoddart
JOHN STODDART

By: Lois Stoddart
LOIS STODDART, his attorney in fact

Lois Stoddart
LOIS STODDART

State of Oregon
County of HARNEY

This instrument was acknowledged before me on July 10 03 2003, by LOIS STODDART as the attorney in fact for JOHN STODDART and by LOIS STODDART, individually.

STATE OF OREGON }
County of Harney } ss

I certify that the within instrument was received for record on the 26 day of September 2003 at 9:42 clock A. M. and recorded Microfilm number 20031953

Deed Records of said County.
By: Maria Inurriaga Deputy



Terri Jo Morgan
(Notary Public for Oregon)

My commission expires 12-19-06

ESCROW NO. BU0016335



INSTRUMENT # 20031311

INSTRUMENT # 20031953

EXHIBIT "A"

Land in Harney County, Oregon, as follows:

In Twp. 24 S., R. 33 E., W.M.:

Sec. 8: All

Sec. 17: NW1/4, SW1/4, NE1/4

Sec 19: Government Lots 1, 2, 3 and 4, E1/2W1/2, W1/2E1/2, E1/2SE1/4, NE1/4NE1/4,
W1/2SE1/4NE1/4



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 this case, only the city planning agency must complete this form. Please request additional forms as needed or feel free to copy.

A. Allowed Use

Check the appropriate box below and provide requested information.

- ☒ Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): 3.020. Go to section B "Approval" below.
- ☐ Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

Type of Land Use Approval Needed (e.g. plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Check the item that applies: 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

Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action/land use decision and accompanying findings are sufficient.)

B. Approval

Please provide printed name and written signature.

Name: Richard H. Jendryk Date: 1/12/05
 Title: Planning Mgr Phone: 541-573-6655
 Signature: [Signature]

C. Additional Comments

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

Note: If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. 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

Name of applicant: _____

This receipt must be signed by a local government representative and returned to the applicant at the time they present this form. This receipt must be included with the application filed with the Water Resources Department if the local government cannot provide the requested land use information while the applicant waits.

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

RECEIVED

FEB 03 2005

WATER RESOURCES DEPT
SALEM, OREGON

RECEIVED

JAN 21 2005

WATER RESOURCES DEPT
SALEM, OREGON

NOTICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be
filed with the

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

JUN 2 1978

Well No. 24S/33E-8ba

State Permit No.

(1) OWNER:

Name Mr. Walter Kleiner
Address 1725- 89th., N.E.
Bellevue WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 336 ft. Gage #250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Factory lowered

Size of perforations 1/8 in. by 2 1/2 in.
2,560 perforations from 168 ft. to 336 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is
lowered below static level

manager Western water wells
Was a pump test made? ☒ Yes ☐ No If yes, by whom?

Yield: 1,350 gal./min. with 180 ft. drawdown after 8 hrs.

" " " "

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 56 Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used grout cement

Well sealed from land surface to 18 ft.

Diameter of well bore to bottom of seal 29 in.

Diameter of well bore below seal 29 in.

Number of sacks of cement used in well seal 7 sacks

Number of sacks of bentonite used in well seal _____ sacks

Brand name of bentonite _____

Number of pounds of bentonite per 100 gallons
of water _____ lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Plugs _____ Size: location _____ ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? _____ depth of strata _____

Method of sealing strata off _____

Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8

Gravel placed from 18 ft. to 380 ft.

(WATER RESOURCES DEPT.)

County SALEM, OREGON Driller's well number
n.e. 1/4 n.w. 1/4 Section 8 T. 24 R. 33-e. W.M.

Bearing and distance from section or subdivision corner
512' n.e. of the center of the n.w. 1
of sec. 8 - t-24-s/r-33-e

(11) WATER LEVEL: Completed well.

Depth at which water was first found 68 ft.

Static level 8 ft. below land surface. Date 5/8/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 380 ft. Depth of completed well 336 ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change in
position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	BWL
sand&clay small gravel	0	15	
tan sandy clay	15	20	
gray&blue clay	20	68	
gray sandstone & clay	68	83	
black silty clay	83	165	
black&gray clay	165	180	
clay&sand stringers	180	195	
gray&black silty clay	195	247	
fine sand	247	253	
gravel, sand, & pumice	253	299	
sandstone, clay, pumice	299		
green claystone, b. sand s		320	
corase black sandstone	320	332	
green claystone fract.	332	341	
green sandstone	341	370	
green clay	370	380	

Work started 5/8/ 1978 Completed 5/9/ 1978

Date well drilling machine moved off of well 5/10/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision.
Materials used and information reported above are true to my
best knowledge and belief.

[Signed] Donald J. Lane Date 5-11, 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is
true to the best of my knowledge and belief.

Name Western Water Wells Inc.
(Person, firm or corporation) (Type or print)

Address 2485 W. Main St. Salem, OR

[Signed] Shawn B. Davis
(Water Well Contractor)

Contractor's License No. 659 Date 5/11, 1978

SP-45658-110

USE ADDITIONAL SHEETS IF NECESSARY

RECEIVED

FEB 03 2005

WATER RESOURCES DEPT.
SALEM, OREGON

JAN 21 2005

WATER RESOURCES DEPT.
SALEM, OREGON

Well #1

app # G16381

The original and first copy
of this report are to be
filled with the

WATER WELL REPORT

STATE OF OREGON

(Please type or print) MAY 15 1978

(Do not write above this line)

State Well No.

245/33E-1

State Permit No.

ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

OWNER:

Mr. Walter Kleiner
1725- 89th. N.E.
Bellevue, Wash. 98004

TYPE OF WORK (check):

Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
abandonment, describe material and procedure in Item 12.

TYPE OF WELL:

Driven ☐ Domestic ☐ Industrial ☐ Municipal ☐
Jetted ☐ Irrigation ☐ Test Well ☐ Other ☐
Bored ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
" Diam. from 0 ft. to 364 ft. Gage # 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.
of perforator used factory louvered
of perforations 1/8 in. by 2 1/2 in.
9,900 perforations from 12.0 ft. to 364 ft.
perforations from ft. to ft.
perforations from ft. to ft.

SCREENS:

Well screen installed? ☐ Yes ☒ No
Manufacturer's Name
Model No.
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

WELL TESTS:

Drawdown is amount water level is
lowered below static level
a pump test made? ☒ Yes ☐ No If yes, by whom? Western water
manager wells.
585 gal./min. with 168 ft. drawdown after 23 hrs.

Test gal./min. with ft. drawdown after hrs.

Flow g.p.m.

Temperature of water 57° Depth artesian flow ft.

CONSTRUCTION:

seal-Material used cement grout
sealed from land surface to 18 ft.
meter of well bore to bottom of seal 29 in.
meter of well bore below seal 29 in.
number of sacks of cement used in well seal 2 sack
number of sacks of bentonite used in well seal sacks
number of pounds of bentonite per 100 gallons
drive shoe used? ☐ Yes ☐ No Plugs Size: location ft.
any strata contain unusable water? ☐ Yes ☒ No
of water? depth of strata
of sealing strata off
well gravel picked? ☒ Yes ☐ No Size of gravel: 3/8

(10) LOCATION OF WELL: #3

County Harney Driller's well number
n.e. 1/4 S.W. 1/4 Section 8 T. 24 R. 33

Bearing and distance from section or subdivision corner
loc. 28' straight east of the center
the S.W. 1/4 of sec. 8 - T. 24/R. 33 E

(11) WATER LEVEL: Completed well.

Depth at which water was first found 7
Static level 6 ft. below land surface. Date 4/11
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing .29
Depth drilled 370 ft. Depth of completed well 364

Formation: Describe color, texture, grain size and structure of mater
and show thickness and nature of each stratum and aquifer penetr
with at least one entry for each change of formation. Report each chan
position of Static Water Level and indicate principal water-bearing st

MATERIAL	From	To	SV
top soil	0	2	
med. sand	2	4	
coarse gravel&clay	4	7	6
med. sand	7	14	
gray&green clay	14	80	
sandy gray clay	80	111	
gray clay	111	142	
black clay	142	162	
green clay	162	195	
fine gray sand	195	209	
green clay	209	220	
black clay	220	283	
gray clay	283	312	
coarse sand&med. gravel	312	315	
gray sandstone	315	317	
pumice & clay stringers	317	354	
clay & stringers of sand	354	360	
gray clay	360	370	

Work started 4/11/ 1978 Completed 4/ 13

Date well drilling machine moved off of well 4/ 14/

Drilling Machine Operator's Certification:

This well was constructed under my direct supervis
Materials used and information reported above are true to
best knowledge and belief

[Signed] *Bernell J. Davis* Date May 8, 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 10 26

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this rep
true to the best of my knowledge and belief

Name *Western Water Wells*
(Person, firm or corporation) (Type or print)
Address P.O. Box 294 Burns, OR

[Signed] *James B. Rine*
(Water Well Contractor)

Contractor's License No. 659 Date 5-10

Well #2

Superseded 2/28/05

Last updated: Jan 9, 2004



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
www.wrd.state.or.us

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/publication/reports/index.shtml.

1. APPLICANT INFORMATION

A. Individuals

Applicant: Chad Bradach
First Last

Mailing address: 65443 Hwy. 78
Burns. Oregon 97720
City State Zip

Phone: (541) 493-2366 N/A
Home Work Other

*Fax: 589-0940 *E-Mail address: cbradach@centurytel.net
CELL # OUT OF REACH

B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of organization: N/A

Name and title of person applying: _____

Mailing address of organization: _____

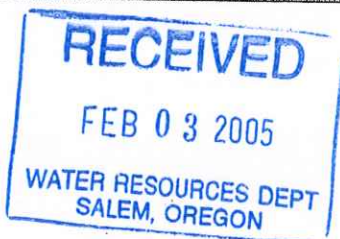
City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

* Optional information

For Department Use		
App. No. <u>G 16381</u>	Permit No. _____	Date _____



Ground Water/1

Superseded 2/28/05

2. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

☒ Yes (Skip to section 3 "Ground water Development.")

☐ No (Please check the appropriate box below.)

☐ 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 irrigated and/or domestic use only (ORS 274.040).

List the names and mailing addresses of all affected landowners.

N/A

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 2

Name of nearest surface water body: Malheur Lake

Distance from well(s) to nearest stream or lake: 1) 7 miles

2) 7 miles 3) _____ 4) _____

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) N/A

2) N/A 3) _____ 4) _____

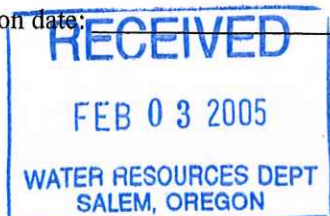
B. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to question F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by: See well logs.

Address: _____

Completion date: _____



Ground Water/2

Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
1		See well log							
2		See well log							

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

C. Artesian Flows

If your water well is flowing artesian, describe your water control and conservation works:

N/A

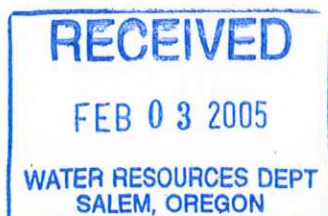
4. WATER USE

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: _____
- If your proposed use is **irrigation**, please attach **Form I**
- If your proposed use is **mining**, attach **Form R**
- If your proposed use is **municipal or quasi-municipal**, attach **Form M**
- If your proposed use is **commercial/industrial**, attach **Form Q**



B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1		Irrigation	1000	302,400,000	1350
2		Irrigation	345	104,328,000	585

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 3 CFS
(The fees for your application will be based on this amount.)

D. Period of Use

Indicate the time of year you propose to use the water: March 1 to October 1
(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

E. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used: 238 acres
(This number should be consistent with your application map.)

5. WATER MANAGEMENT**A. Diversion**

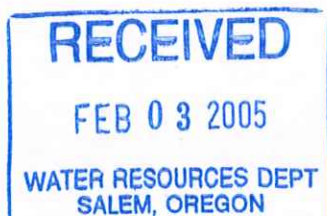
What equipment will you use to pump water from your well(s)?

- ☒ Pump (give horsepower and pump type): *1 50 HP turbine, *2 20HP turbine
☐ Other means (describe): _____

B. Transport

How will you transport water to your place of use?

- ☐ Ditch or canal (give average width and depth):
 Width _____ Depth _____
 Is the ditch or canal to be lined? ☐ Yes ☐ No
☒ Pipe (give diameter and total length):
 Diameter 10" Length 3530'
☐ Other (describe): _____



Ground Water/4

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? Center pivot system

Irrigation or land application method (check all that apply):

- | | | |
|--|--|---|
| ☐ Flood | ☐ High-pressure sprinkler | ☐ Low pressure sprinkler |
| ☐ Drip | ☐ Water cannons | ☒ Center pivot system |
| ☐ Hand lines | ☐ Wheel lines | |
| ☐ Siphon tubes or gated pipe with furrows | | |
| ☐ Other, describe _____ | | |

Distribution method

- ☒ Direct pipe from source ☐ In-line storage (tank or pond) ☐ Open canal

D. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

I will use a new Zimmatic center pivot system. This will allow me to distribute adequate, but not excessive, water to area.

6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

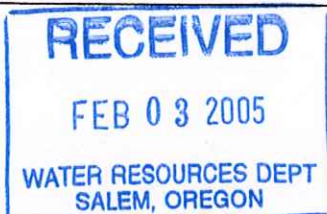
Proposed date construction will begin: 1/15/06

Proposed date construction will be completed: 1/15/07

Proposed date beneficial water use will begin: 1/15/08

7. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.



8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

9. SIGNATURE

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 packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- 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 canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all information provided in this application is true and correct to the best of my knowledge:



Signature of Applicant (If more than one applicant, all must sign.)

1/29/05
Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.

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WATER RESOURCES DEPT.
SALEM, OREGON

WRD on the web:
www.wrd.state.or.us

Ground Water/6



Oregon Water Resources Department

Superseded
2/24/05

FORM I

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

☒ Primary ☐ Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: 238 Acres

Secondary: _____ Acres

List the permit or certificate number of the primary water right: No. _____

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

- | | | |
|-------------------|---|--|
| 1. <u>Alfalfa</u> | ☒ Full season | ☐ Partial season (from: _____ to _____) |
| 2. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 3. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |
| 4. _____ | ☐ Full season | ☐ Partial season (from: _____ to _____) |

3. Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

1249 acre-feet

(1 acre-foot equals 12 inches of water spread over 1 acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

- | | |
|---|---|
| ☐ Daily during daytime hours | ☐ Daily during nighttime hours |
| ☐ Two or three times weekly during daytime | ☐ Two or three times weekly during nighttime |
| ☐ Weekly, during daytime hours | ☐ Weekly, during nighttime hours |

☒ Other, explain: Continuous irrigation via center pivot system. (As needed)

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SALEM, OREGON

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FEB 03 2005

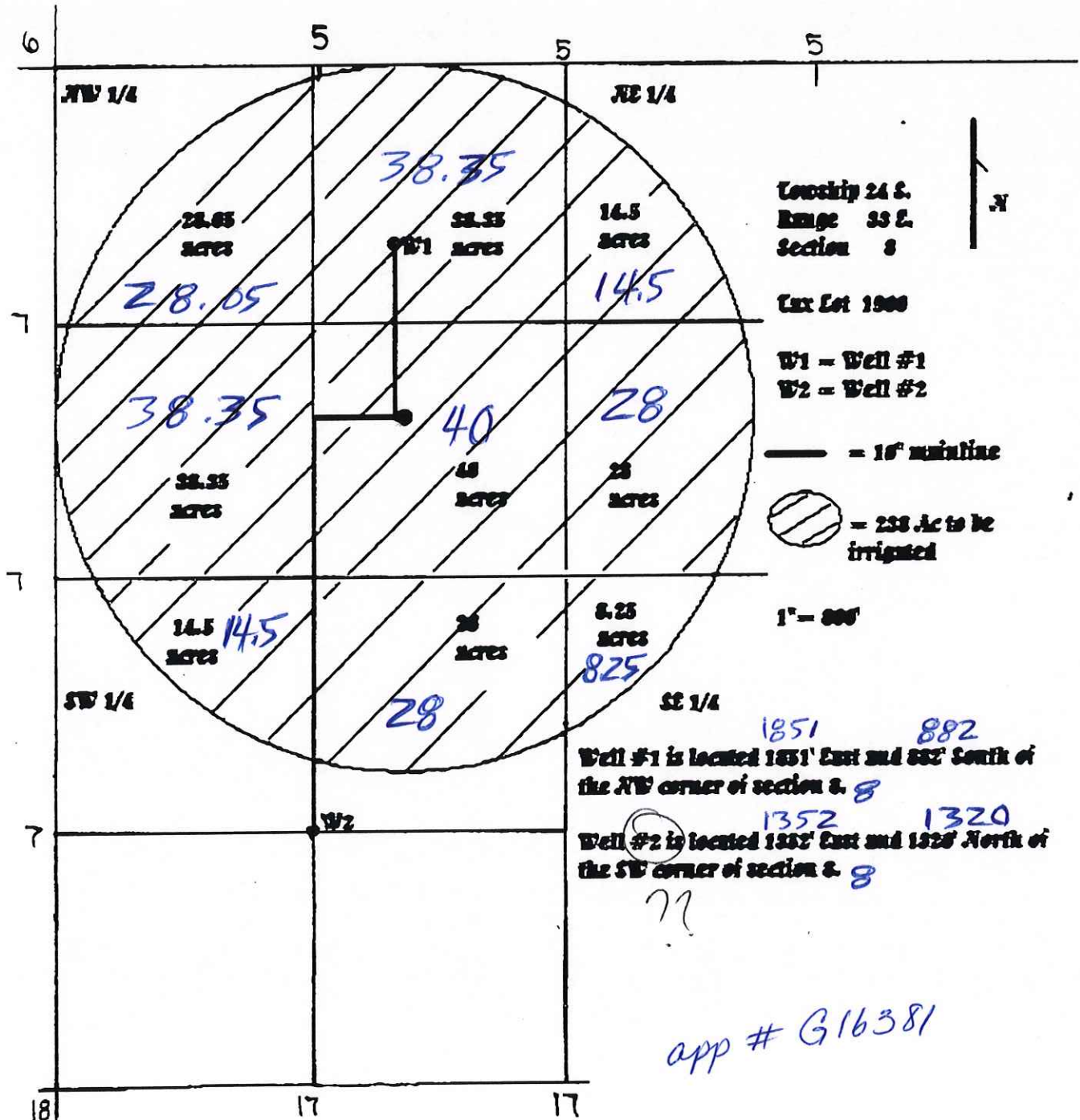
WATER RESOURCES DEPT
SALEM, OREGON

app # G16381

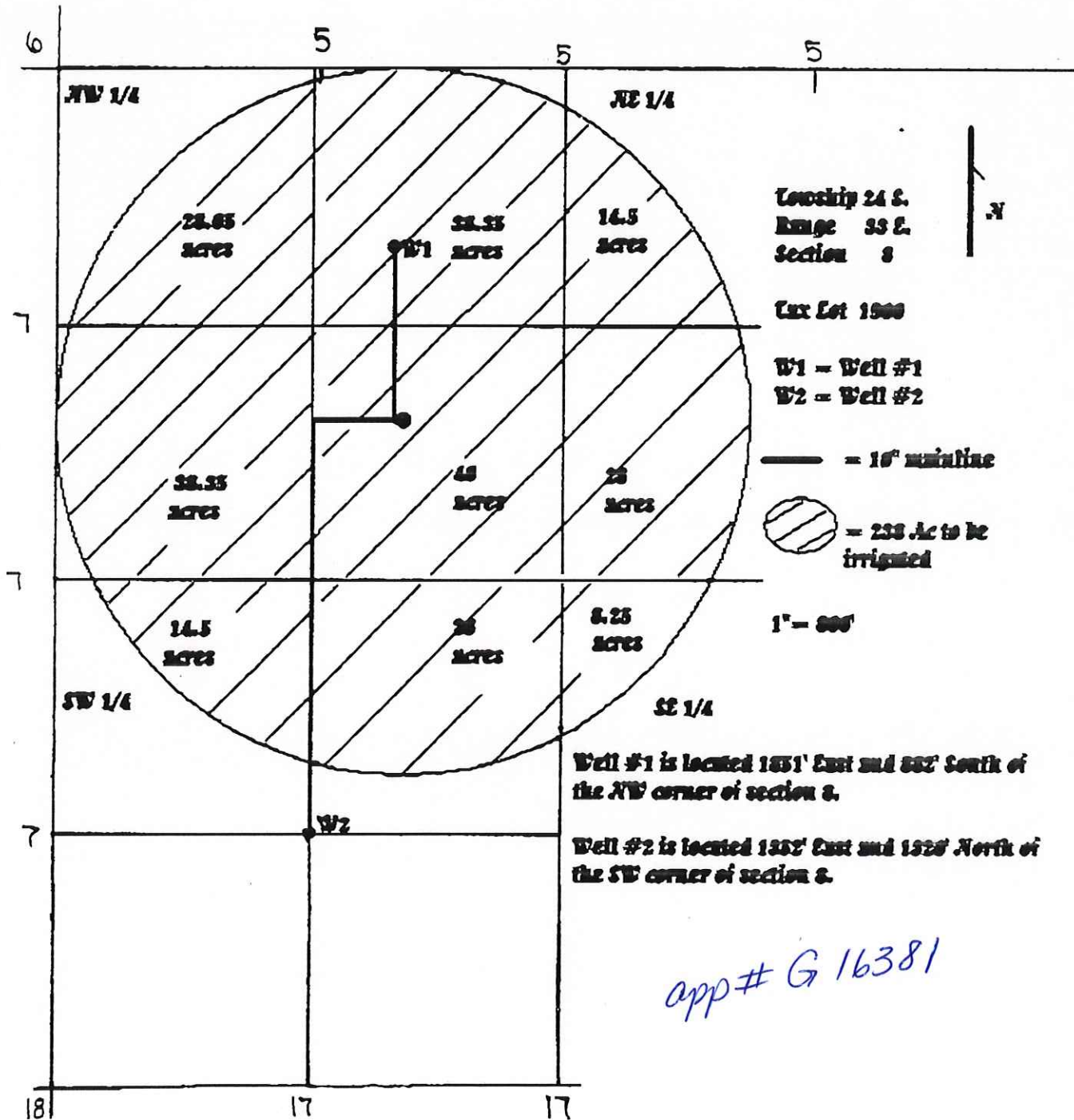
Last revision: October 31, 1996

Superseded
2/28/05

WORK
COPY



Superseded 2/24/05



Attention: Herb

503-986-0901

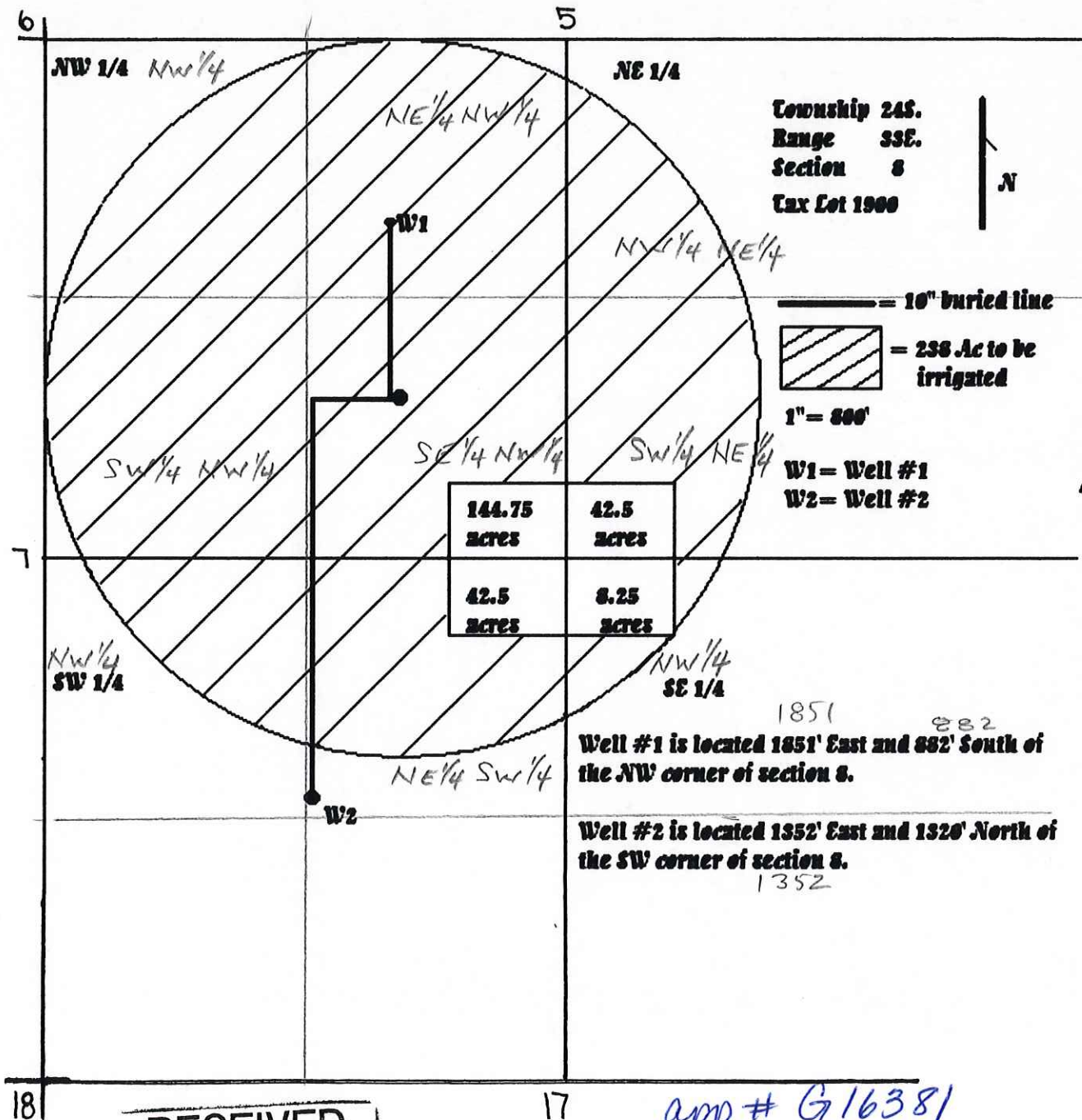
Re: Chad Bradach
water permit

2 pages total

Superseded
2/24/05

WORK
COPY

SUPERCEDED

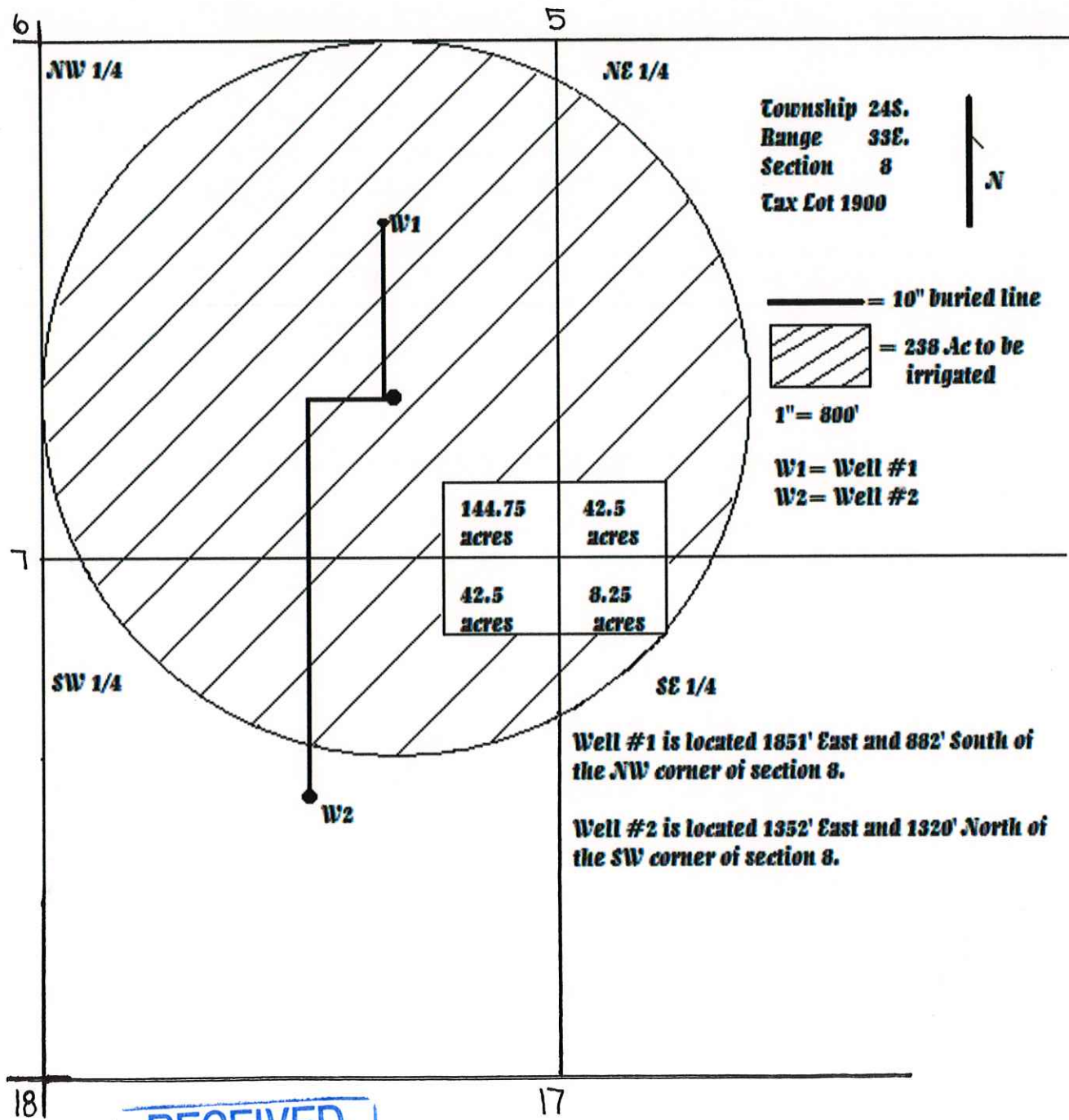


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SALEM, OREGON

Superseded
2/24/05

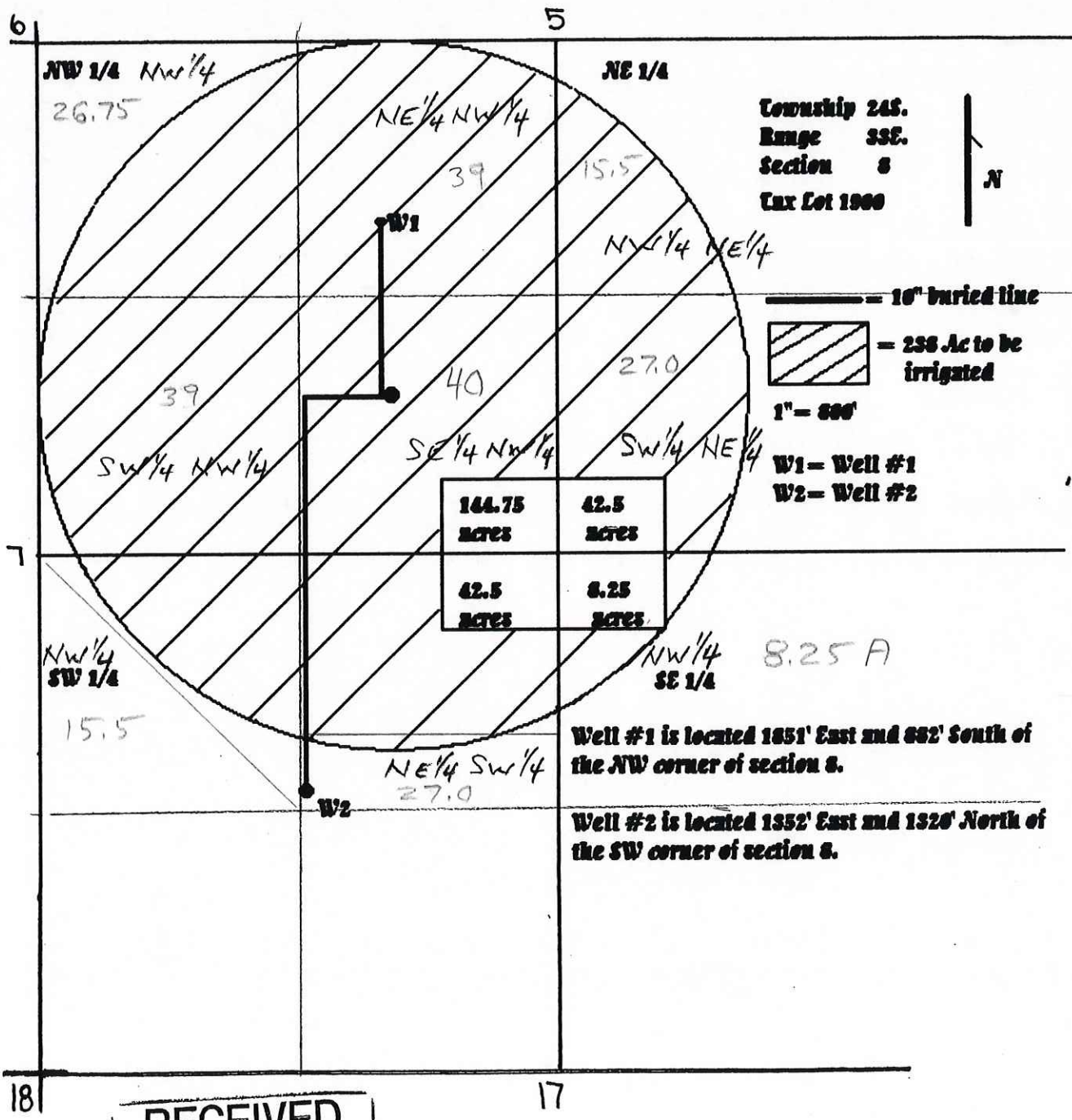


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144.75
 - 40
 104.75
 78
 26.75

WORK
 COPY

Superseded
 2/24/05



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 WATER RESOURCES DEPT
 SALEM, OREGON

144.75
 42.50
 42.50

238.00 TOTAL ACRES
 - 229.75
 8.25



Oregon

Theodore R. Kulongoski, Governor

G/6381

WATER RESOURCES DEPARTMENT
725 SUMMER STREET NE SUITE A
SALEM OR 97301-1271

CHAD & CHARMARIE BRADACH
65443 HWY. 78
BURNS, OR. 97720

Dear Applicant:

The Water Resources Department has received your application(s) to use or store water. At this time, however, we are unable to accept your application(s) because the minimum filing requirements are not met according to the Oregon Administrative Rules for minimum filing requirements (OAR 690-310-040 & 0050).

Below is the Standard Application Completeness Checklist for minimum filing requirements. Please review this completeness checklist form carefully to make the changes indicated so that the Department may accept your application and process your request for a water use permit.

NOTE: Please return any correspondence, application, and supporting data, including this checklist so that the Department may begin processing your application in a timely manner.

PLEASE CORRECT OR INCLUDE THE FOLLOWING NOTED INFORMATION:

OK () Applicant/Organization name, mailing address and telephone numbers. If applicant is other than a private landowner, only the Organizations section shall be completed.

() Source *and* tributary listed

OK () Property ownership indicated. If applicant does not own all the land where the source, place of use, or diversion works are situated, the affected landowners name and mailing address must be listed. (Including any public roads or rights-of-way) NOTE: An easement or agreement DOES NOT need to be submitted at this time, but will be required before a permit will be issued.

OK () The groundwater development section completed (Pg 2 Sec 3 and Pg 3 Sec 2) or a well log report included **For Groundwater Applications only**

() Each proposed use of the water identified

OK () Enclosed completed appropriate Supplemental Form for each proposed use

(~~X~~) Form I (Irrigation) () Form M (Municipal or Quasi-Municipal)

() Form R (Mining) () Form Q (Commercial or Industrial)

() Spring Description Sheet (if source is a Spring)

OK () Amount of water from each source listed in Gallons Per Minute (GPM), Cubic Feet per Second (CFS) or Acre-feet (AF)

() Complete the water management section (NOTE: If the water system has not been designed, estimate this information.)

() Complete the Resource Protection System (Pgs 4 and 5, Section 5) **For Surface Water applications only**

() Indicate dates of construction (NOTE: If the system is already completed, indicate existing.)

OK () Applicant has signed the application in ink? If the application is in the name of an organization, or corporation, the authorized agent must sign the application and indicate title.

NEED () Include a copy of the deed, land sales contract or title insurance policy (NOTE: Please provide a written legal description of your property that includes a metes and bounds or other government survey description. We cannot accept a copy of the tax bill.)

OK () Enclose a completed Land-Use Form or receipt *signed by the appropriate planning department officials* (Does the use noted on land-use form match the proposed use on the application?)

~~X~~ Map must meet map requirements of OAR 60-310-050? (Listed below)

NEED NEW IMPROVED MAP TO DISPLAY ACCURATELY
() Township, Range, Section, quarter-quarters and Tax Lot number

() Standard, even Scale of the Map

Use only whole numbers!

THIS SCALE Ex: 1"=100, 1"=200, etc. A scale smaller than 1"=1320' will not be accepted.

OF 1"=660 FT
IS O.K.

() Survey Reference corner on map

() North Directional Symbol

() 1/4 - 1/4's clearly identified

() Point of Diversion, dam or well(s) clearly identified

() Place of Use clearly identified

Show location of home(s) if use is Domestic and location of building(s) if Commercial or Industrial use

() Location Coordinates for each Point of Diversion referenced to a government land survey corner

() Number of acres per 1/4 - 1/4, if use is Irrigation, Nursery or Agriculture Use

() Municipal or Quasi-municipal service boundary clearly identified

() Other

() Examination fees enclosed

(NOTE: As of October 1, 2003 the fees have increased. Be sure to submit appropriate fees!)

Amount of Water Requested: 3 CFS

Base Fee \$ _____

plus \$ _____

plus \$ _____

Total Exam Fee \$ 700 CORRECT

Total Paid \$ 700

Completeness Check Done by: HERB

PHONE: 503-986-0803-0804

C: GEN COR
FISCAL
WATER MASTER

END OF COMPLETE APPLICATION CHECKLIST

USE AS YOUR MASTER CHECKLIST

Completeness Check by: _____

Date: JAN 2005

M:\EUDORA\ATTACH\COMPLETENESSCHECKLIST04_feedback.wpd 6/15/2004

PLEASE FILL OUT ENTIRE NEW PROVIDED APPLICATION

- ☐ **Applicant/Organization Name, Mailing Address and Telephone Number.** If applicant is other than a private landowner, "Organizations" section must be completed.
- ☐ **Source listed?**
- ☐ **Property ownership indicated?**
 - ☐ If applicant does not own all the land, is the **affected landowner's name and mailing address** listed?
 - ☐ If applicant does not own all the land, a **statement declaring the existence of written authorization or an easement** permitting access to land crossed by the proposed ditch canal or other work is required.
- ☐ **If a groundwater application...**is the "Groundwater Development" section completed, including copies of well logs?
- ☐ **Proposed Use of the water....**is each proposed use identified?
- ☐ **Has the appropriate "Supplemental Form" for each proposed use been completed, if applicable ?**
 - ☐ **Form I** (Irrigation) ☐ **Form M** (Municipal or Quasi-Municipal)
 - ☐ **Form R** (Mining) ☐ **Form Q** (Commercial or Industrial)
 - ☐ **Spring Description Sheet** (if source is a Spring)
- ☐ **If use is supplemental...**is the primary water right listed?
- ☐ **Amount of water** from each source listed in GPM, CFS or AF?
- ☐ **Acreage** being proposed, if applicable.
- ☐ **Season** being requested by applicant.
- ☐ **Water management section** has been completed? If system has not been designed, the applicant

NW 1/4

NE 1/4

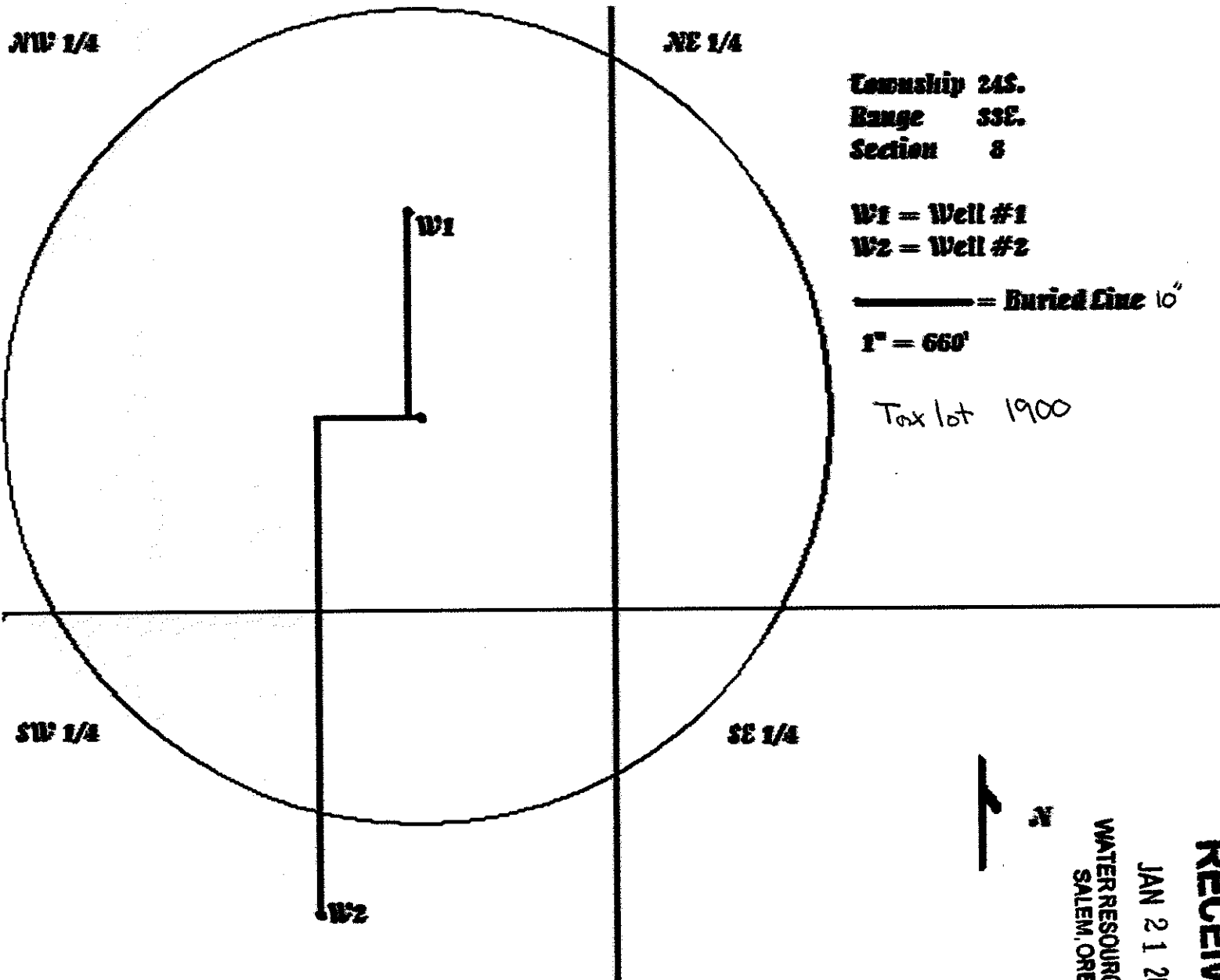
Township 24S.
Range 33E.
Section 8

W1 = Well #1
W2 = Well #2

———— = Buried Line 10"

1" = 660'

Tax lot 1900



SW 1/4

SE 1/4

WATER RESOURCES DEPT
SALEM, OREGON

JAN 21 2005

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Legal Description

7/01/2004 TO 6/30/2005 REAL PROPERTY TAX STATEMENT Page 3868
 ERTY DESCRIPTION HARNEY COUNTY ACCT # 23513
 TAX COLLECTOR 405
 450 N BUENA VISTA
 BURNS OR 97720 541 573-8365

LAST YEAR'S TAX 209.64
 See back for explanation of taxes marked with (*)

CODE: 42 ACRES: 640.000
 MAP: 24S 33E 0 1900
 Section 8

BRADACH, CHAD R & CHARMARIE R
 65443 HWY 78
 BURNS OR 97720

ESD 15.89
 Union High#1 Crane 43.22
 Sch Dist#4 Crane 42.81

VALUES:
 (SPEC ASSESSED)

LAST YEAR THIS YEAR

EDUCATION TOTAL : 101.92

General Fund 79.75
 Hosp. District 34.21

TOTAL 30720 31360 GENERAL GOVT TOTAL : 113.96

ASSESSED 17203 17715

EXEMPTION

NET TAXABLE: 17203 17715

POTENTIAL TAX LIABILITY

If a mortgage company pays your taxes,
 This statement is for your records only.

Full Payment with
 3% Discount

2/3 Payment with
 2% Discount

1/3 Payment
 No Discount

TOTAL 2004-2005 TAX 215.88

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 WATER RESOURCES DEPT
 SALEM, OREGON



Oregon Water Resources Department Land Use Information Form

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. WRD will use this and other information to evaluate the water use application. 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, or exchange and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm use zone.

To Be Completed By Applicant

This section must be completed by the individual or group that is filing an application with the Water Resources Department. Attach a copy of the map from the application to this form.

A. Applicant

Name: Chad R. Bradach

Address: 65443 Hwy 78

City: Burns State: OR Zip: 97720 Day Phone: (541) 493-2366

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (Attach extra sheets as necessary.) 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.

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)	Proposed Land Use
1900	EFRL-2	☒ Diverted ☐ Conveyed ☒ Used	
		☐ Diverted ☐ Conveyed ☐ Used	
		☐ Diverted ☐ Conveyed ☐ Used	
		☐ Diverted ☐ Conveyed ☐ Used	
		☐ Diverted ☐ Conveyed ☐ Used	
		☐ Diverted ☐ Conveyed ☐ Used	

List counties and cities where water is proposed to be diverted, conveyed, or used. Harney Co.

C. Description of Proposed Use

Indicate the type of application to be filed with the Water Resources Department.

☒ Water Use Permit ☐ Water Right Transfer ☐ Allocation of Conserved Water ☐ Exchange

Indicate the intended use of water and describe the key characteristics of the project.

☐ Commercial ☐ Industrial ☐ Instream ☒ Irrigation
☐ Municipal ☐ Quasi-municipal ☐ Domestic (indicate number of households) _____
☐ Other _____

Briefly describe: 238 acres to be developed under center pivot irrigation system.

Indicate the source of the water to be used.

☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water _____

Indicate the estimated quantity of water the use will require: 900 ☐ CFS ☒ GPM ☐ Acre-Feet (source)

Last revised: 04/06/04

Receipt for Request for Land Use Information

State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1271
(503) 986-0900

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JAN 21 2005

WATER RESOURCES DEPT
SALEM, OREGON



Oregon Water Resources Department

FORM I

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

☒ Primary ☐ Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: 238 Acres

Secondary: _____ Acres

List the permit or certificate number of the primary water right: No. _____

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

1. Alfalfa ☒ Full season ☐ Partial season (from: _____ to _____)

2. _____ ☐ Full season ☐ Partial season (from: _____ to _____)

3. _____ ☐ Full season ☐ Partial season (from: _____ to _____)

4. _____ ☐ Full season ☐ Partial season (from: _____ to _____)

3. Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

1249 acre-feet

(1 acre-foot equals 12 inches of water spread over 1 acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

☐ Daily during daytime hours

☐ Daily during nighttime hours

☐ Two or three times weekly during daytime

☐ Two or three times weekly during nighttime

☐ Weekly, during daytime hours

☐ Weekly, during nighttime hours

☒ Other, explain: Continuous irrigation via center pivot system. (As needed)

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JAN 21 2005

**WATER RESOURCES DEPT
SALEM, OREGON**



Oregon Water Resources Department
158 12th St. NE
Salem, OR 97301-4172
503.478-8455
www.wrd.state.or.us

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. Thank you.

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JAN 21 2005

WATER RESOURCES DEPT
SALEM, OREGON

1. APPLICANT INFORMATION

A. Individuals

Applicant: Chad Bradach
First Last

Co-applicant: Charmarie Bradach
First Last

Mailing address: 65443 Hwy. 78
Burns Oregon 97720
City State Zip

Phone: (541) 493-2366
Home Work Other

*Fax: _____ *E-Mail address: ccbradach@centurytel.net

B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of organization: N/A

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

*Optional information

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

2. Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
		See well logs.							

F. Artesian Flows

If your water well is flowing artesian, describe your water control and conservation works:

N/A

4. WATER USE

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: _____
- If your proposed use is **irrigation**, please attach Form I
- If your proposed use is **mining**, attach Form R
- If your proposed use is **municipal or quasi-municipal**, attach Form M
- If your proposed use is **commercial/industrial**, attach Form Q

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**WATER RESOURCES DEPT
SALEM, OREGON**

B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1		Irrigation	1000	302400000	1300+
2		Irrigation	345	104328000	585

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 3 CFS
(The fees for your application will be based on this amount.)

D. Period of Use

Indicate the time of year you propose to use the water: March 1 to October 1
(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

E. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used: 238 Acres
(This number should be consistent with you application map.)

5. WATER MANAGEMENT

A. Diversion

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

- ☒ Pump (give horsepower and pump type) #1 50hp turbine, #2 20hp turbine
☐ Other means (describe) _____

B. Transport

How will you transport water to your place of use?

☒ Ditch or canal (give average width and depth)
Width _____ Depth _____

Is the ditch or canal to be lined? ☐ Yes ☐ No

☒ Pipe (give diameter and total length)

Diameter 10" Length 3625' total

☐ Other (describe) _____

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WATER RESOURCES DEPT
SALEM, OREGON

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? Center pivot

Irrigation or land application method (check all that apply):

- | | | |
|--|--|---|
| ☐ Flood | ☐ High-pressure sprinkler | ☐ Low pressure sprinkler |
| ☐ Drip | ☐ Water cannons | ☒ Center pivot system |
| ☐ Hand lines | ☐ Wheel lines | |
| ☐ Siphon tubes or gated pipe with furrows | | |
| ☐ Other, describe _____ | | |

Distribution method

- ☒ Direct pipe from source ☐ In-line storage (tank or pond) ☐ Open canal

D. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

I will use a new Zimmatic center pivot system. This
will allow me to distribute adequate, but not excessive,
water to area.

6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin 1/15/06

Proposed date construction will be completed 1/15/07

Proposed date beneficial water use will begin 1/15/08

7. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

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**WATER RESOURCES DEPT
SALEM, OREGON**

2. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

☒ Yes (Skip to section 3 "Ground water Development.")

☐ No Please check the appropriate box below.

☐ I have a recorded easement or written authorization permitting access.

☐ I do not currently have written authorization or easement permitting access.

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WATER RESOURCES DEPT
SALEM, OREGON

List the names and mailing addresses of all affected landowners.*

N/A

*If more than 25 landowners are involved, a list is not required. See instructions.

3. GROUND WATER DEVELOPMENT

A. Number of well(s): 2 B. Name of nearest surface water body: Mallard lake

C. Distance from well(s) to nearest stream or lake: 1) 7 miles

2) 7 miles 3) _____ 4) _____

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) N/A

2) N/A 3) _____ 4) _____

E. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to question F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by: See well logs.

Address: _____

Completion date: _____

8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

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**WATER RESOURCES DEPT
SALEM, OREGON**

9. SIGNATURE

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 packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- 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 canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all information provided in this application is true and correct to the best of my knowledge:

Signature of Applicant

Date

Signature of Co-applicant

Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

The original and first copy
of this report are to be
filled with the

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

MAY 15 1978

State Well No.

24S/33E-

State Permit No.

(Do not write above this line)

WATER RESOURCES DEPT

ENGINEER, SALEM, OREGON 97301
within 30 days from the date
of well completion.

OWNER:

Name Mr. Walter Kleiner
Address 1725- 89th. N.E.
Bellevue, Wash. 98004

TYPE OF WORK (check):

Drill Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
Abandonment, describe material and procedure in Item 12.

TYPE OF WELL:

Driven ☐ Jetted ☐ Bored ☐
Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
" Diam. from 0 ft. to 364 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No.
Type of perforator used factory louvered
Size of perforations 1/8 in. by 2 1/2 in.
9,900 perforations from 120 ft. to 364 ft.
perforations from ft. to ft.
perforations from ft. to ft.

SCREENS:

Well screen installed? ☐ Yes ☒ No
Manufacturer's Name Model No.
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

WELL TESTS:

Drawdown is amount water level is
lowered below static level
manager Western water
a pump test made? ☒ Yes ☐ No If yes, by whom? Wells
Rate: 585 gal./min. with 168 ft. drawdown after 23 hrs.

Test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.

Temperature of water 57° Depth artesian flow encountered ft.

CONSTRUCTION:

Seal—Material used cement grout
Sealed from land surface to 18 ft.
Water of well bore to bottom of seal 29 " in.
Seal 29 " in.

Number of sacks of cement used in well seal 7 sack. sacks

Number of sacks of bentonite used in well seal sacks

Number of pounds of bentonite per 100 gallons lbs./100 gals.

Water Resources Dept. SALEM, OREGON

Is drive shaft used? ☐ Yes ☒ No Plugs Size: location ft.

Do any strata contain unusable water? ☐ Yes ☒ No

Depth of water depth of strata

Method of sealing strata off

Is well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8 in.

(10) LOCATION OF WELL: #3

County Harney Driller's well number
N.E. 1/4 S.W. 1/4 Section 8 T. 24 R. 33

Bearing and distance from section or subdivision corner
loc. 28' straight east of the center
the S.W. 1/4 of sec. 8 - T. 24/R. 33 E

(11) WATER LEVEL: Completed well.

Depth at which water was first found 7

Static level 6 ft. below land surface. Date 4/11

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 370 ft. Depth of completed well 364

Formation: Describe color, texture, grain size and structure of mater
and show thickness and nature of each stratum and aquifer penetr
with at least one entry for each change of formation. Report each chan
position of Static Water Level and indicate principal water-bearing str

MATERIAL	From	To	SV
top soil	0	2	
med. sand	2	4	
coarse gravel & clay	4	7	6
med. sand	7	14	
gray & green clay	14	80	
sandy gray clay	80	111	
gray clay	111	142	
black clay	142	162	
green clay	162	195	
fine gray sand	195	209	
green clay	209	220	
black clay	220	283	
gray clay	283	312	
coarse sand & med. gravel	312	315	
gray sandstone	315	317	
pumice & clay stringers	317	354	
clay & stringers of sand	354	360	
gray clay	360	370	

Work started 4/11/ 1978 Completed 4/ 13

Date well drilling machine moved off of well 4/ 14/

Drilling Machine Operator's Certification:

This well was constructed under my direct supervis
Materials used and information reported above are true to
best knowledge and belief.

[Signed] Burdell L. House Date May 8
(Drilling Machine Operator)

Drilling Machine Operator's License No. 10 26

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this repo
true to the best of my knowledge and belief.

Name Western Water Wells
(Person, firm or corporation) (Type or print)

Address P.O. Box 294 BURNS OR

[Signed] James B. Rine
(Water Well Contractor)

Contractor's License No. 159 Date 5-10

Well #2

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM, OREGON 97310 within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

RECEIVED

JUN 2 1978

Well No. 24S/33E-8ba

State Permit No.

(1) OWNER:

Name Mr. Walter Kleiner
Address 1725- 89th., N.E.
Bellevue WA. 98004

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☒ Driven ☐
Cable ☐ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

CASING INSTALLED:

Threaded ☐ Welded ☒
16" Diam. from 0 ft. to 336 ft. Gage 2.50
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☒ Yes ☐ No

Type of perforator used Factory lowered
Size of perforations 1/8 in. by 24 in.
2.560 perforations from 168 ft. to 336 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

manager Western Water Wells
Was a pump test made? ☒ Yes ☐ No If yes, by whom?

Yield: 1.350 gal./min. with 180 ft. drawdown after 8 hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water 56 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used grout cement

Well sealed from land surface to 18 ft.

Diameter of well bore to bottom of seal 29 in.

Diameter of well bore below seal 29 in.

Number of sacks of cement used in well seal 7 sacks

Number of sacks of bentonite used in well seal sacks

Brand name of bentonite

Number of pounds of bentonite per 100 gallons of water lbs./100 gals.

Was a drive shoe used? ☐ Yes ☒ No Flugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☒ Yes ☐ No Size of gravel: 3/8

Gravel placed from 18 ft. to 380 ft.

(WATER RESOURCES DEPT. LOCATION OF WELL)

County Salem, Oregon Driller's well number

n.e. W. 1/4 Section 8 T. 24 R. 33-e. W.M.

Bearing and distance from section or subdivision corner

512' n.e. of the center of the n.w. 1

of sec. 8 - t-24-s/r-33-a

(11) WATER LEVEL: Completed well.

Depth at which water was first found 68 ft.

Static level 8 ft. below land surface. Date 5/8/78

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 29

Depth drilled 380 ft. Depth of completed well 336 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
sand&clay small gravel	0	15	
tan sandy clay	15	20	
gray&blue clay	20	68	
gray sandstone & clay	68	83	
black silty clay	83	165	
black&gray clay	165	180	
clay&sand stringers	180	195	
gray&black silty clay	195	247	
fine sand	247	253	
gravel, sand, & pumice	253	299	
sandstone, clay, pumice	299		
green claystone, b. sand		320	
corase black sandstone	320	332	
green claystone fract.	332	341	
green sandstone	341	370	
green clay	370	380	

Work started 5/8/ 1978 Completed 5/9/ 1978

Date well drilling machine moved off of well 5/ 10/ 1978

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Donald J. Lane Date 5-11 1978
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1026

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Western Water Wells Inc.
(Person, firm or corporation) (Type or print)

Address 2485 W. Main St. Ph. 440-1000

[Signed] James B. Bini
(Water Well Contractor)

Contractor's License No. 659 Date 5/11 1978

RECEIVED (USE ADDITIONAL SHEETS IF NECESSARY)

SP-46634-116

JAN 21 2005

WATER RESOURCES DEPT
SALEM, OREGON

Well #1

G 16381

Chad Bradach

65443 Hwy 78

Burns OR 97720

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **77652** 725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: <u>Chad or Charmarie Brodach</u>	APPLICATION <u>5-16381</u>
BY: _____	PERMIT _____
	TRANSFER _____
CASH: ☐ CHECK:# <u>5315</u> OTHER: (IDENTIFY) ☐	TOTAL REC'D \$ _____

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES	\$ <u>X</u>
OTHER: (IDENTIFY) _____	\$ <u>X</u>
0243 I/S Lease _____	
0244 Muni Water Mgmt. Plan _____	
0245 Cons. Water _____	

4270 WRD OPERATING ACCT

MISCELLANEOUS		
0407 COPY & TAPE FEES		\$ <u>X</u>
0410 RESEARCH FEES		\$ <u>X</u>
0408 MISC REVENUE: (IDENTIFY) _____		\$ <u>X</u>
TC162 DEPOSIT LIAB. (IDENTIFY) _____		\$ <u>X</u>
0240 EXTENSION OF TIME		\$ <u>X</u>
WATER RIGHTS:		
0201 SURFACE WATER	EXAM FEE	0202 RECORD FEE
0203 <u>GROUND WATER</u>	\$ _____	\$ <u>250.00</u>
0205 TRANSFER	\$ _____	
WELL CONSTRUCTION		
0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219 LICENSE FEE
LANDOWNER'S PERMIT	\$ _____	\$ _____
OTHER (IDENTIFY) _____		0220 \$ _____

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$ _____	CARD # _____
0210 MONITORING WELLS	\$ _____	CARD # _____
OTHER (IDENTIFY) _____		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

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

TREASURY OTHER / RDX

FUND _____	TITLE _____	
OBJ. CODE _____	VENDOR # _____	
DESCRIPTION _____		\$ _____

RECEIPT: **77652** DATED: 9/27/05 BY: [Signature]

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

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **72547**

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

INVOICE # _____

RECEIVED FROM: Chad Brodach
BY: _____

APPLICATION	G16381
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# ☒ 5020 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 700.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES \$ _____
OTHER: (IDENTIFY) \$ _____
0243 I/S Lease _____ 0244 Muni Water Mgmt. Plan _____ 0245 Cons. Water _____

4270 WRD OPERATING ACCT

MISCELLANEOUS

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

WATER RIGHTS:

0201 SURFACE WATER	\$ _____	0202	\$ _____
0203 GROUND WATER	\$ 700.00	0204	\$ _____
0205 TRANSFER	\$ _____		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	\$ _____	0219	\$ _____
LANDOWNER'S PERMIT		0220	\$ _____
OTHER (IDENTIFY) _____			

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ CARD # _____
0210 MONITORING WELLS \$ _____ CARD # _____
OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

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

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **72547**

DATED: 2/3/05 BY: Linda Doe

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**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **120033**

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

INVOICE # _____

RECEIVED FROM: Lazy Box B Ranch

BY: Chad and/or Charmaine Bradich

CASH: ☐ CHECK.# 2020 OTHER: (IDENTIFY) ☐

APPLICATION	<u>G16381</u>
PERMIT	
TRANSFER	

TOTAL REC'D \$ 175.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES	\$
OTHER: (IDENTIFY)	\$

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

4270 WRD OPERATING ACCT

MISCELLANEOUS

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

WATER RIGHTS:

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

WELL CONSTRUCTION

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

0200 OTHER (IDENTIFY) COBU \$ 175.00

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)		\$
0231 HYDRO LICENSE FEE (FW/WRD)		\$
HYDRO APPLICATION		\$

TREASURY OTHER / RDX

FUND	TITLE
OBJ. CODE	VENDOR #
DESCRIPTION	\$

RECEIPT: **120033**

DATED: 6/3/16 BY: Heidi P. Grew

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

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **122289** 725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: Cameron L. or
BY: Rachel A. Koehn

APPLICATION	G-116381
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 16579 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 175.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES	\$
OTHER: (IDENTIFY)	\$
0243 I/S Lease	
0244 Muni Water Mgmt. Plan	
0245 Cons. Water	

4270 WRD OPERATING ACCT

MISCELLANEOUS 46111

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

WATER RIGHTS:

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

WELL CONSTRUCTION

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

0260 OTHER (IDENTIFY) COBY \$175.00

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #
0210 MONITORING WELLS	\$	CARD #
OTHER (IDENTIFY)		

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)	\$
0231 HYDRO LICENSE FEE (FW/WRD)	\$
HYDRO APPLICATION	\$

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **122289** DATED: 1/6/17 BY: Felina

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

WORK
COPY

NOT
TO
SCALE

