

Name _____
By _____
Address _____

Department of State Lands
1645 NE Forbes Road Suite 112
Bend, OR 97701
G-17705

Priority _____
County _____ WM# _____

RELATED FILES

DEVELOPMENT

Date

Completion _____
Extended to _____
Final Proof received _____
Proposed Cert. Mailed _____

Application No. G17705
Permit No. G-17317
Certificate No. _____

Date

DENIED _____
MISFILED _____
WITHDRAWN _____
CANCELLED _____

Volume Page

FEES PAID

Date	Amount	Receipt No.
7-19-13	\$2650.00	109363
8-22-13	\$900.00	109711
3-13-14	\$900.00	111365
9/22/14	450.00	113496
7/25/18	200.00 Cert. Fee	121419

FEES REFUNDED

Date	Amount	Receipt No.

ASSIGNMENTS

Date	To Whom	Address

REMARKS _____

MAP LOCATION _____

PUMP TEST
1/3/2020
APPROVED

Rev. 04/03

SMEAD 63 HSP000848

KS 7/29/2013

Mailing List for Final Certificate

Application: G-17705

Permit: G-17317

Certificate: 95090

Permit/Certificate Holder:

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND OR 97701

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. All Points Engineering and Surveying Inc.
Scott Montgomery, CWRE
PO Box 767
Terrebonne, OR. 97760
2. State of Oregon
Dept. of State Lands
c/o Asset Management Section
775 Summer St. NE. Ste. 100
Salem, OR. 97301

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

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND OR 97701

confirms the right to the use of water perfected under the terms of Permit G-17317. 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-17705

SOURCE OF WATER: WELL 4 IN MALHEUR LAKE BASIN

PURPOSE or USE: IRRIGATION OF 125.2 ACRES

MAXIMUM RATE: 1.43 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 19, 2013

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
23 S	32 E	WM	10	NW SE	1323 FEET NORTH AND 1328 FEET WEST FROM SE CORNER, SECTION 10

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-SIXTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres
23 S	32 E	WM	10	NE SE	31.3
23 S	32 E	WM	10	NW SE	31.3
23 S	32 E	WM	10	SW SE	31.3
23 S	32 E	WM	10	SE SE	31.3

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an 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.

The water user 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.

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.

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.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet state or federal water quality standards due to reduced flows.

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.

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.

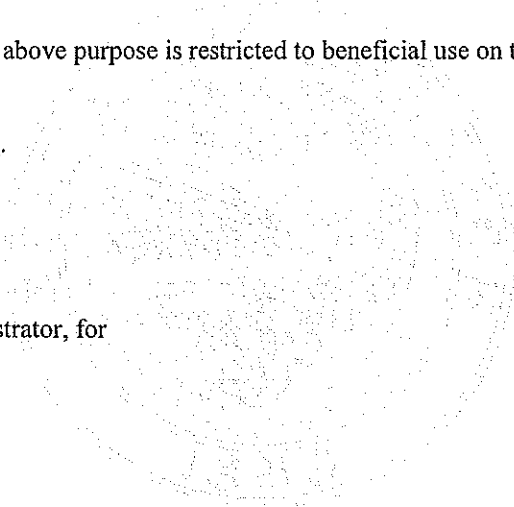
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The 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



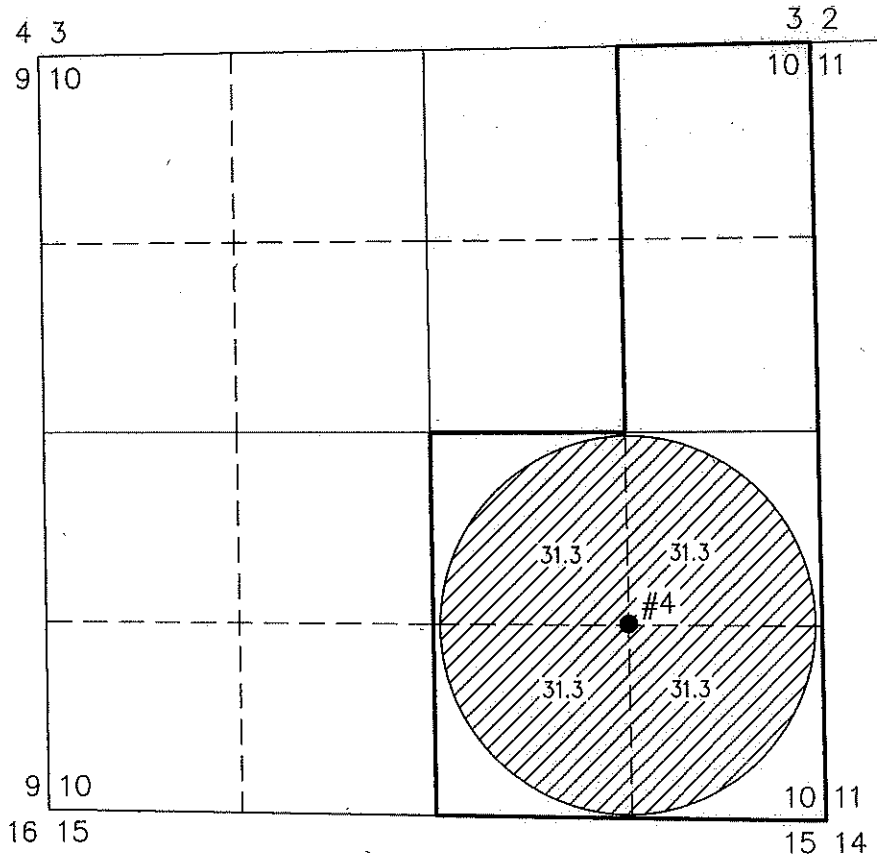
Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department



FINAL PROOF MAP

TO ADD PLACE OF USE &
POINT OF APPROPRIATION
FOR APPLICATION G-17705

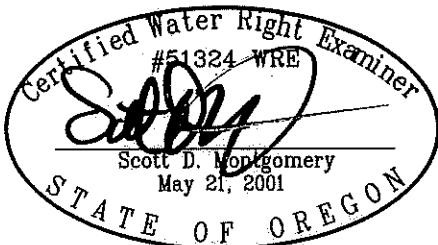
TAX LOT: 1700 IN SECTION 10,
TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.



RECEIVED

JUL 25 2018

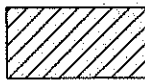
OWRD



RENEWAL DATE: 12/31/2018

#4 (HARN 52620)

LOCATED IN THE NW 1/4 SE 1/4 SECTION 10, T23S
R32E, W.M. AND 1323 FEET NORTH AND 1328 FEET
WEST FROM THE SE CORNER OF SECTION 10.
FLOW METER IS LOCATED 60 FEET SOUTH AND 60
FEET WEST OF WELL ON THE PIVOT SPRINKLER.



125.2 ACRES 'ir' RIGHTS FROM #4
PER G-17317, AS SHOWN.

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.

PREPARED FOR:

OREGON DEPT. OF STATE LANDS
1645 NE FORBES ROAD, SUITE 112
BEND, OR 97701

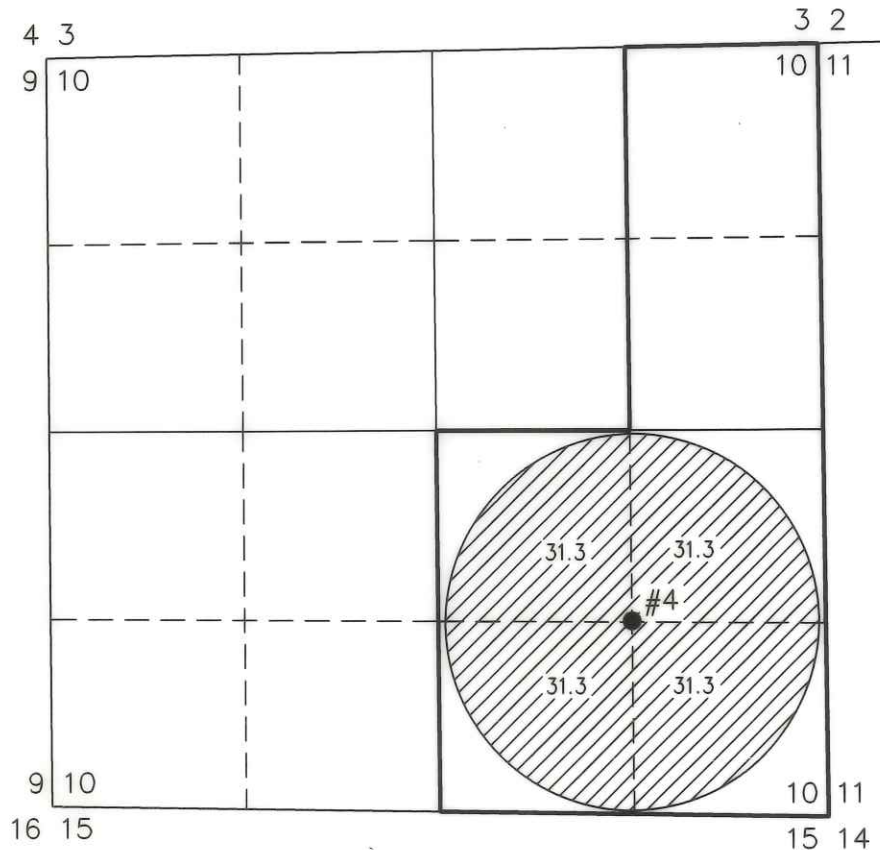
PREPARED BY:



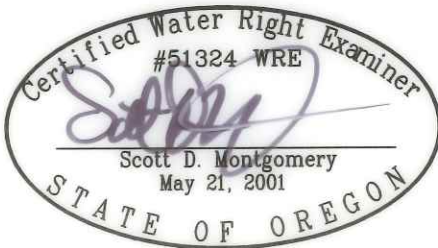
ALL POINTS ENGINEERING AND SURVEYING, INC.
P.O. BOX 767 TERREBONNE, OR 97760
(541) 548-5833 www.APEandS.com

TO ADD PLACE OF USE &
POINT OF APPROPRIATION
FOR APPLICATION G-17705

SCALE: 4 INCHES = 1 MILE



OWRD



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.

A cartoon character with a large nose and a small body, wearing a white shirt and blue pants. He is holding a large pencil vertically in his right hand and a small notepad in his left hand. The pencil has a large 'X' on its eraser.

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-17705

Permit: G-17317

Certificate:

Permit/Certificate Holder:

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND OR 97701

Copies Mailed	
by:	<u>TM</u> (STAFF)
on:	<u>3/6/2020</u> (DATE)

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. Scott Montgomery, CWRE
2. State of Oregon
Dept of State Lands
c/o Asset Management Section
775 Summer St. NE Ste 100
Salem OR 97301



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-17705, Permit G-17317

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

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND OR 97701

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APPLICATION FILE NUMBER: G-17705

SOURCE OF WATER: WELL 4 IN MALHEUR LAKE BASIN

PURPOSE or USE: IRRIGATION OF 125.2 ACRES

MAXIMUM RATE: 1.43 CUBIC FEET PER SECOND

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DATE OF PRIORITY: JULY 19, 2013

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The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet state or federal water quality standards due to reduced flows.

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.

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

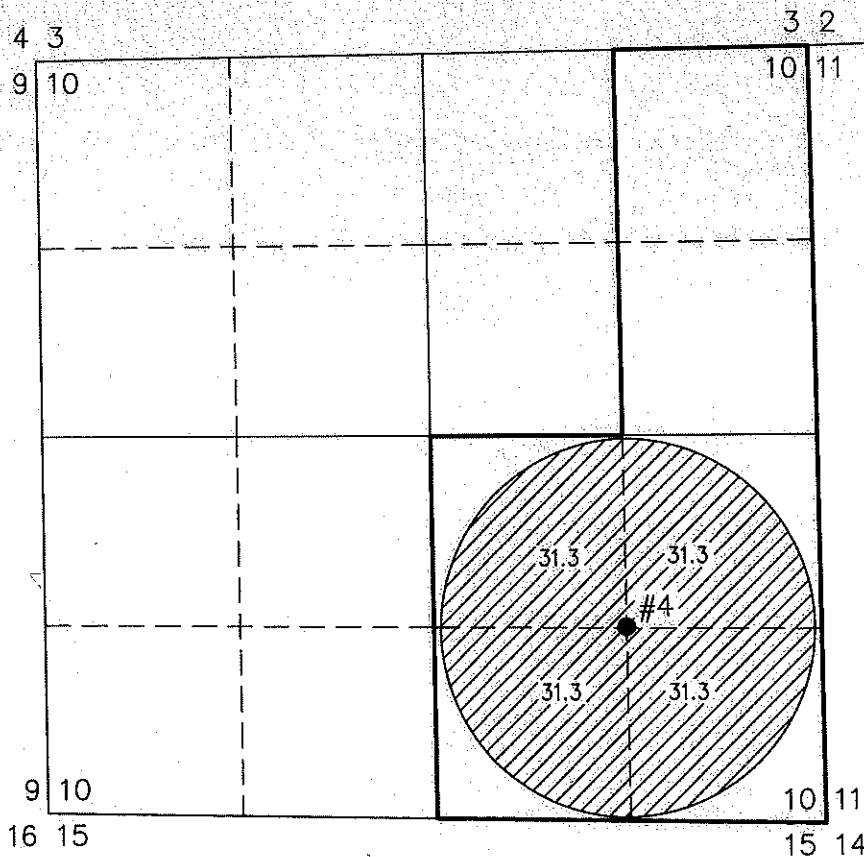
Issued _____

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

FINAL PROOF MAP

TO ADD PLACE OF USE &
POINT OF APPROPRIATION
FOR APPLICATION G-17705

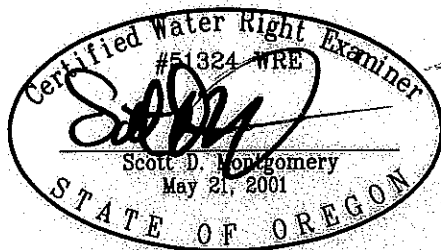
TAX LOT: 1700 IN SECTION 10,
TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.



RECEIVED

JUL 25 2018

OWRD



RENEWAL DATE: 12/31/2018

#4 (HARN 52620)

LOCATED IN THE NW 1/4 SE 1/4 SECTION 10, T23S
R32E, W.M. AND 1323 FEET NORTH AND 1328 FEET
WEST FROM THE SE CORNER OF SECTION 10.
FLOW METER IS LOCATED 60 FEET SOUTH AND 60
FEET WEST OF WELL ON THE PIVOT SPRINKLER.



125.2 ACRES 'ir' RIGHTS FROM #4
PER G-17317, AS SHOWN.

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.

PREPARED FOR:

OREGON DEPT. OF STATE LANDS
1645 NE FORBES ROAD, SUITE 112
BEND, OR 97701

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 # G17705	Permit # G17317	Transfer #
WRD Reviewer	<i>[Signature]</i>	Date
WRD Peer Reviewer	<i>[Signature]</i>	Date 2/10/2020

WELL 1,2,3,4,6,7
IRR 347.8 AC
5.8 CFS

SCOTT MONT GOMERY

Research

- ___ Organize file in chronological order $\frac{1}{60} @ 3.0$
- ☒ 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

- N/A Fish Conditions
- YES Meter/measuring device - TFM
- YES Water Use Reporting - SHALL
- YES Pump Test (post December 19, 1988) APPROVED 3/3/2020
- YES Other Conditions OBSERVATION WELL - PER EMAIL HARN 52619
- YES SWL - EA WELL / MARCH
- YES C-Date 5 yrs (Nov. 26, 2019)

WELL 4 (HARN 52620)
ACRES 125.2
1.43 CFS

$125.2 @ \frac{1}{60} = 2.0866$

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

NOTES:

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND, OR 97701

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

APPLICATION FILE NUMBER: G-17705

SOURCE OF WATER: ~~WELL 1, WELL 2, WELL 3, WELL 4, WELL 6, AND WELL 7~~ IN
MALHEUR LAKE BASIN

PURPOSE OR USE: IRRIGATION OF ~~347.8~~ ^{125.2} ACRES

MAXIMUM RATE: ~~5.8~~ ^{1.43} CUBIC FEET PER SECOND

$125.2 \text{ } \odot \text{ } \frac{1}{60} = 2.0866$
1.43 pump cap.

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF Priority: JULY 19, 2013

WELL LOCATIONS:

~~WELL 1: SWNW, SECTION 14, T23S, R32E, W.M.; 1323 FEET SOUTH AND 1304 FEET EAST FROM NW CORNER, SECTION 14~~

~~WELL 2: NWNW, SECTION 14, T23S, R32E, W.M.; 227 FEET SOUTH AND 280 FEET EAST FROM NW CORNER, SECTION 14~~

~~WELL 3: SESE, SECTION 10, T23S, R32E, W.M.; 150 FEET NORTH AND 136 FEET WEST FROM SE CORNER, SECTION 10~~

WELL 4: NWSE, SECTION 10 T23S, R32E, W.M.; 1323 FEET NORTH AND 1328 FEET WEST FROM SE CORNER, SECTION 10

~~WELL 6: SENE, SECTION 10, T23S, R32E, W.M.; 1323 FEET SOUTH AND 1137 FEET WEST FROM NE CORNER, SECTION 10~~

~~WELL 7: SENE, SECTION 10, T23S, R32E, W.M.; 1323 FEET SOUTH AND 179 FEET WEST FROM NE CORNER, SECTION 10~~

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-SIXTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

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

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

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet state or federal water quality standards due to reduced flows.

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 to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

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.

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

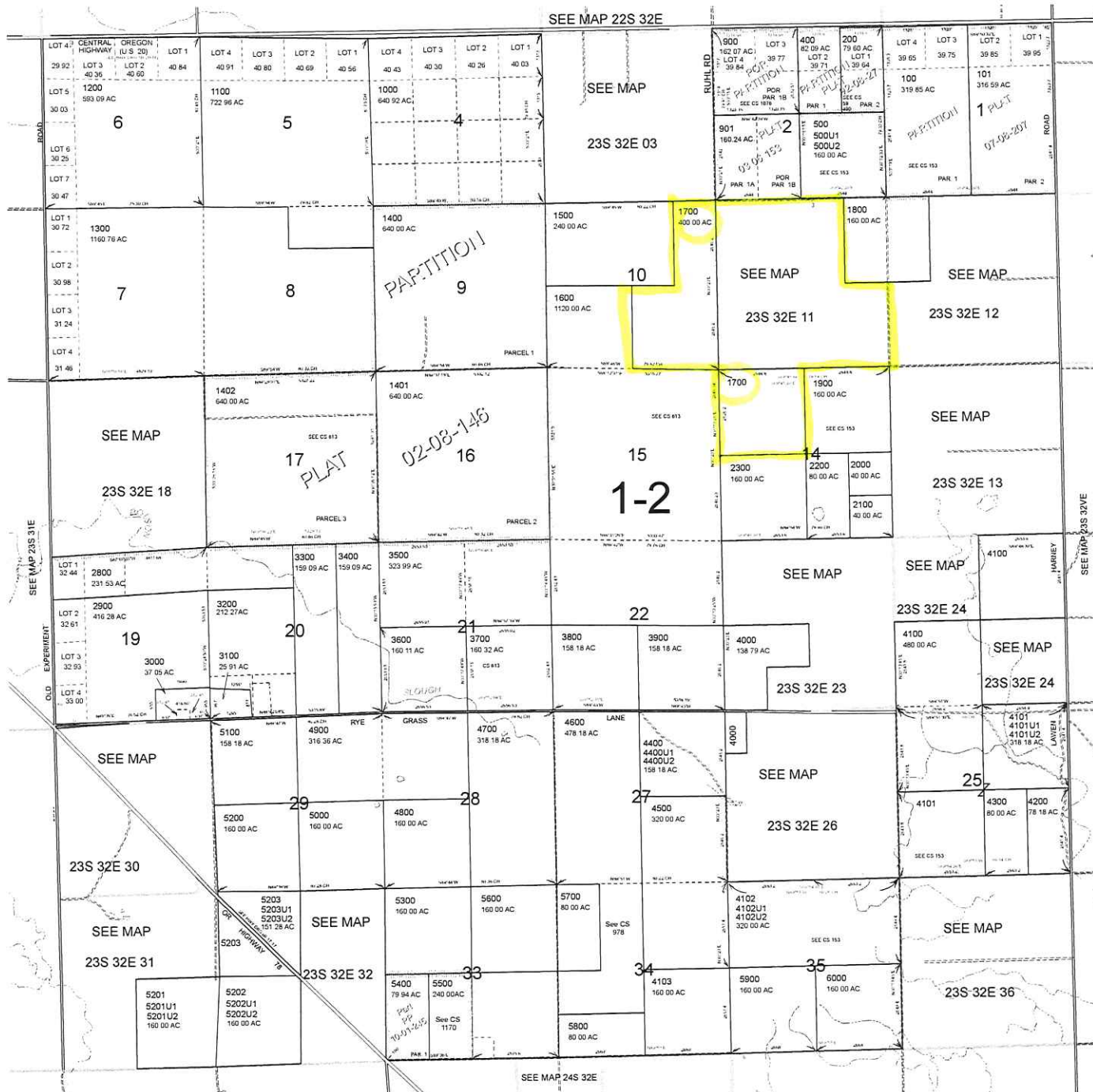
Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued November 26 , 2014 NOVEMBER 26 2019



E. Timothy Wallin, Water Rights Program Manager
for Thomas M. Byler, Director

1" = 2000'



Cancelled Nos.

300
600
700
800
2400
2500
2600
2700
3201 (2011)
5401 (2013)



PRINTED ON 7/16/2018

23S32E

HARNEY County Assessor's Summary Report

Real Property Assessment Report

FOR ASSESSMENT YEAR 2020

NOT OFFICIAL VALUE

February 6, 2020 9:00:33 am

Account # 6031

Tax Status NONASSESSABLE

Map # 23S32E000001700

Acct Status ACTIVE

Code - Tax # 0120-6031

Subtype NORMAL

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

Mailing Name STATE OF OREGON DEPT OF STATE LANDS

Deed Reference # See Record

Agent

Sales Date/Price See Record

In Care Of C/O ASSET MANAGEMENT SECTION

Appraiser CHARLES DICKINSON

Mailing Address 775 SUMMER STREET NE, STE 100

SALEM, OR 97301-1279

Prop Class 961 MA SA NH Unit
RMV Class 961 02 00 012 2602-1

Situs Address(s) Situs City

Code Area	RMV	MAV	Value Summary AV	RMV Exception	CPR %
0120 Land	470,040			Land	0
Impr.	0			Impr.	0
Code Area Total	470,040	0	0		0
Grand Total	470,040	0	0		0

Code Area	ID#	RFPD	Ex	Plan Zone	Value Source	TD%	LS	Size	Land Class	LUC	Trended RMV
0120	4	☐	1	EFRU-2	Market	100	A	0.00	IW	003	6,000
0120	2	☐	1	EFRU-2	Market	100	A	277.93	RA	003	152,860
0120	1	☐	1	EFRU-2	Market	100	A	122.07	RA	003	305,180
0120	3	☐	1	EFRU-2	Market	100	A	0.00	SW	003	6,000
Grand Total								400.00			470,040

Code Area	ID#	Yr Built	Stat Class	Description	Improvement Breakdown	TD%	Total Sq. Ft.	Ex% MS Acct #	Trended RMV
Grand Total								0	0



Oregon Water Resources Department
Water Rights in the Same Area

 [Main](#)

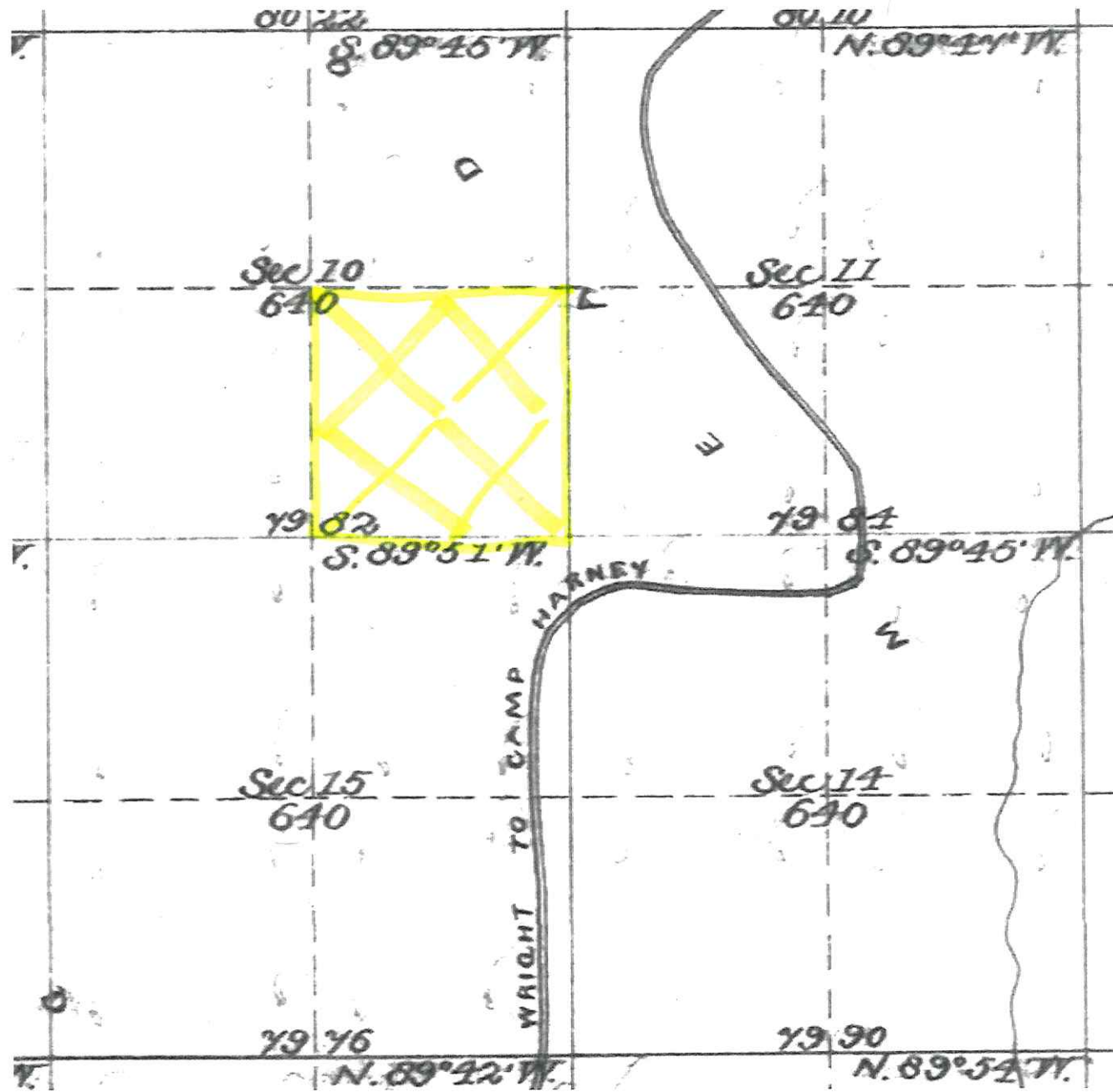
 [Help](#)

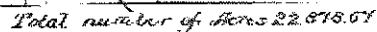
 [Return](#)

 [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 17317 * *NCR*





... ..

Then

Water Use Report Based on Water Right



Permit: G 17317 *

 OREGON DEPARTMENT OF STATE LANDS 1645 NE FORBES RD SUITE 112 BEND,
OR 97701
Records per page: [View All](#)

Acre-feet (AF) of Water Used

Water Year*	Report ID	Facility	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total Water Used	Irrigated Acres
2019	66355	SEC 14 WELL 1 (HARN 52621)	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	66356	SEC 14 WELL 2 (PROPOSED)	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	66357	SEC 10 WELL 3 (PROPOSED)	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	66358	SEC 10 WELL 4 (HARN 52620/L-12578)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	23.33	26.00	101.17	8.92	195.42	
2019	66359	SEC 10 WELL 6 (HARN 52619/L-125277)	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	66360	SEC 10 WELL 7 (HARN 52649/L-125290)	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	66355	SEC 14 WELL 1 (HARN 52621)	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	66356	SEC 14 WELL 2 (PROPOSED)	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	66357	SEC 10 WELL 3 (PROPOSED)	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	66358	SEC 10 WELL 4 (HARN 52620/L-12578)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.50	53.83	54.83	46.17	0.00	224.33	
2018	66359	SEC 10 WELL 6 (HARN 52619/L-125277)	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	66360	SEC 10 WELL 7 (HARN 52649/L-125290)	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	
2017	66355	SEC 14 WELL 1 (HARN 52621)	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	
2017	66356	SEC 14 WELL 2 (PROPOSED)	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	
2017	66357	SEC 10 WELL 3 (PROPOSED)	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	
2017	66358	SEC 10 WELL 4 (HARN 52620/L-12578)	0.00	0.00	0.00	0.00	0.00	0.00	12.90	33.25	103.00	108.20	8.50	0.00	265.85	
2017	66359	SEC 10 WELL 6 (HARN 52619/L-125277)	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	
2017	66360	SEC 10 WELL 7 (HARN 52649/L-125290)	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	

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: HARN 52620

[Main](#) [Help](#)
[Return](#) [Contact Us](#)

Site Identification (Click to Collapse...)

GW LogID: HARN 52620 [Well Log Database](#)
GW Well Tag Number: 125278
Tag Verified on Well: Yes
Site Type: WELL
Primary Use: IRRIGATION
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: WOZNIAKC
Established Date: 07/05/2017
Bonded Company: SEARCH DRILLING INC
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 43.58840000 Horiz. Error: 25.00 ft.
Longitude: -118.86700000 Datum: WGS1984
Lat/Long Source: GPS IPAD
Location
TRSQQ: WM 23.00S32.00E10NESE
Tax Map: 23S32E000001700
Taxlot: 1700
24 Quad: NINEMILE SLOUGH
Basin: 12 - Malheur Lake
County: Harney
WM District: 10
WM Region: E
LSD Elev: 4134.87 Accy: 10.00 Datum: NAVD1988
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	rate
POD 1 - A WELL - MALHEUR LAKE	WRIS	G 17705	G 17317					7/19/2013	3/1 ~ 10/31	5.800	

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
HARN 52620	Log	NEW	212518	125278	OREGON DEPARTMENT OF STATE LANDS	60.00	16		80.00	

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer
HARN 52620				

Well Test

No data matches search criteria.

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
3/14/2019		38.18	4096.69	PROFESSIONAL ENGINEER	PERMIT CONDITION PROGRAM	STEEL TAPE	STATIC	1.40
3/1/2018		36.13	4098.74	PROFESSIONAL ENGINEER	PERMIT CONDITION PROGRAM	STEEL TAPE	STATIC	1.40
5/30/2016		65.00	4069.87	DRILLER	WELL LOG	UNKNOWN	UNKNOWN	

Available Data (Click to Expand...)

Pump Capacity Calculator

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP =	<u>100</u>
Efficiency =	<u>7.04</u>
Lift =	<u>390</u>
PSI =	<u>40</u>

Results Calculated

$(hp)(\text{efficiency}) =$	704
Head based on psi =	101.6
Total dynamic head =	491.6
(head + lift)	

Pump Capacity = 1.432 cubic feet per second



Oregon
Kate Brown, Governor

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

January 03, 2020

RANDY WIEST
OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD STE 112
BEND, OR 97701

GW

The Department has reviewed the status of your pump test and any requests for extension(s) or exemption(s) for the following permitted well(s). The results are summarized in the following table:

Application	Water Right	Permitted Well	Pumped Well	Test Date	Request Status	Exemption	Well Name
G 17705	Permit G 17317 *	HARN0052620	HARN0052620	10/14/2019	APPROVED	None	

Please contact me if you have any questions.

Sincerely,

Darrick Boschmann
503-986-0853
Groundwater Section

cc: GW Pump Test File
cc: Certificates Section/Application File

MEMORANDUM

TO: JUSTIN IVERSON, GROUND WATER SECTION
FROM: CERTIFICATE SECTION – TONYA MILLER *
SUBJECT: PUMP TEST FOR
APPLICATION G-17705, PERMIT G-17317
DATE: DECEMBER 9TH, 2019

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

*They already submitted this test.
why did they send us
another one?*

*Halley
has the file
for this one.
G. 17705*

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name: Oregon Dept State Lands
Address: 1645 NE Forbes Rd Ste 112
County: Harney
City: Bend State: OR Zip: 97701
Original owner (from well log): Same

Well Location:

Township: 23 S Range: 32 E
Section: 10 $\frac{1}{4}$ NW $\frac{1}{16}$ SE $\frac{1}{64}$ NE
Well depth: 500.0 Date drilled: 5/30/2016
Owners well no. (if any): 4
POD ID: 4

Water Right Information:

Application: G-17705 Permit: G-17317 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 D Montgomery Well Owner? ☐ Yes
Company: All Points Engr & Surveying, Inc
Address: PO Box 767 Date of Test: 10/14/2019
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): Electric 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) 3/4" threaded plug east side of pump base

Measuring point distance above land surface 1.40 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>8:25 am</u>	<u>51.90</u>	<u>50.50</u>
<u>8:45 am</u>	<u>51.90</u>	<u>50.50</u>
<u>9:05 am</u>	<u>51.90</u>	<u>50.50</u>

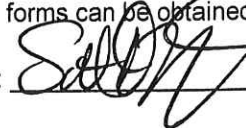
Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>9:25 am</u>	<u>1,000.00</u>	<u>gpm (gallons per minute)</u>
<u>10:21 am</u>	<u>1,015.00</u>	<u>gpm (gallons per minute)</u>
<u>11:21 am</u>	<u>1,015.00</u>	<u>gpm (gallons per minute)</u>
<u>12:21 pm</u>	<u>1,010.00</u>	<u>gpm (gallons per minute)</u>
<u>1:20 pm</u>	<u>1,011.86</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 10/14/2019 Time 9:25 am
Time pump turned off: Date 10/14/2019 Time 1:25 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: www.oregon.gov/owrd

Signature: 

RECEIVED

DEC 02 2019

OWRD

All Points
PO Box 767
Terrebonne, Or
97760

EUGENE OR 974

27 NOV 2019 PM 4 L



FOREVER / USA

OWRD
ATTN: Pump Tests
725 Summer St NE, Suite A
Salem, Or
97301

97301-126673



MEMORANDUM

TO: JUSTIN IVERSON, GROUND WATER SECTION
FROM: CERTIFICATE SECTION – TONYA MILLER *
SUBJECT: PUMP TEST FOR
APPLICATION G-17705, PERMIT G-17317
DATE: NOVEMBER 6TH, 2019

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

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

RECEIVED

OCT 31 2019

OWRD

Well Owner:

Name: Oregon Dept State Lands
Address: 1645 NE Forbes Rd Ste 112
County: Harney
City: Bend State: OR Zip: 97701
Original owner (from well log): Same

Well Location:

Township: 23 S Range: 32 E
Section: 10 $\frac{1}{4}$: NW $\frac{1}{16}$: SE $\frac{1}{64}$: NE
Well depth: 500.0 Date drilled: 5/30/2016
Owners well no. (if any): 4
POD ID: 4

Water Right Information:

Application: G-17705 Permit: G-17317 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 D Montgomery Well Owner? ☐ Yes
Company: All Points Engr & Surveying, Inc
Address: PO Box 767 Date of Test: 10/14/2019
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): Electric 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) 3/4" threaded plug east side of pump base

Measuring point distance above land surface 1.40 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>8:25 am</u>	<u>51.90</u>	<u>50.50</u>
<u>8:45 am</u>	<u>51.90</u>	<u>50.50</u>
<u>9:05 am</u>	<u>51.90</u>	<u>50.50</u>

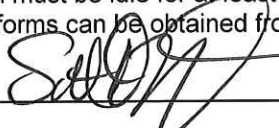
Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>9:25 am</u>	<u>1,000.00</u>	<u>gpm (gallons per minute)</u>
<u>10:21 am</u>	<u>1,015.00</u>	<u>gpm (gallons per minute)</u>
<u>11:21 am</u>	<u>1,015.00</u>	<u>gpm (gallons per minute)</u>
<u>12:21 pm</u>	<u>1,010.00</u>	<u>gpm (gallons per minute)</u>
<u>1:20 pm</u>	<u>1,011.86</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 10/14/2019 Time 9:25 am
Time pump turned off: Date 10/14/2019 Time 1:25 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: www.oregon.gov/owrd

Signature: 

PUMP TEST DATA SHEET

OWRD 2/9/2000

All Points Engr & Surveying, Inc
PO Box 767
Terrebonne, Or
97760



1021



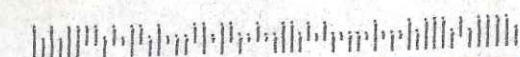
97301

U.S. POSTAGE PAID
FCM LG ENV
TERREBONNE, OR
97760
OCT 29, 19
AMOUNT

\$1.15

R2305E124062-03

ATTN: Pump Tests
GWRD
725 Summer St. NE, Suite A
Salem, Or
97301-1266





Oregon

Kate Brown, Governor

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

Fax (503) 986-0904

July 26, 2018

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND, OR 97701

On July 25, 2018, the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application G-17705 Permit G-17317

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.

Please be aware that the Department has not received a Pump Test as required by the permit. Until such time that a Pump Test is submitted and approved, the Department unable to review your Claim.

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

Scott Montgomery, CWRE

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **127419**

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

INVOICE # _____

RECEIVED FROM: State of Oregon, Dep-
BY: artment of State Lands

APPLICATION	<u>6-1705</u>
PERMIT	<u>6-1317</u>
TRANSFER	

CASH: ☐ CHECK: # ☒ OTHER: (IDENTIFY) ☒ WARRANT
125122627

TOTAL REC'D \$ 200.00

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	\$	0204	\$
0205 TRANSFER	\$		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$

0200 OTHER (IDENTIFY) COBU \$200.00

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: **127419**

DATED: 7-25-18 BY: CWaltuch

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

Checklist for Claims of Beneficial Use Received at CSG Counter

Application # <u>G-17705</u>	WRD Reviewer <u>K. Warner</u>
Transfer #	
Date Received <u>7.25.2018</u>	
CWRE Name <u>Scott Montgomery</u>	

Priority Date: July 19, 2013

Fees Required:

☒ YES ☐ NO A fee of \$200 must accompany this form for permits with priority dates of July 9, 1987, or later.

YES ☐ NO A fee of \$200 must accompany this form for any transfers 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.

Fill in App or Transfer Number

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))

Report Review:

- ☒ On form 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)
- ☒ CWRE stamp and signature (OAR 690-014-0100)
- ☒ Signature(s) of all permittee of transfer holder (OAR 690-014-0100)

MONEY SLIP	
DATE:	RECEIPT #:
RECEIVED FROM:	APPLICATION: PERMIT TRANSFER
CASH ☐ CHECK # ☐ OTHER (IDENTIFY) ☐	TOTAL REC'D: \$
1083 TREASURY 4178 MISC CASH ACCT.	
0407 COPIES	\$
OTHER (IDENTIFY)	\$
0243 Instrument Lease	0244 Mine/Volcanic Mgmt. Plan
0245 Cons. Water	
1083 TREASURY 4270 WRD OPERATING ACCT.	
MISCELLANEOUS	
0407 COPY & TAPE FEES	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE (IDENTIFY)	\$
TC162 DEPOSIT LAB (IDENTIFY)	\$
0240 EXTENSION OF TIME	\$
WATER RIGHTS	EXAM FEE
0201 SURFACE WATER	\$
0202 GROUND WATER	\$
0205 TRANSFER	\$
0218 WELL CONSTRUCTION	EXAM FEE
WELL DRILL CONSTRUCTION	\$
LANDOWNER'S PERMIT	0219
OTHER (IDENTIFY)	0220
0200	\$200.00
0607 TREASURY 0487 HYDROELECTRIC	
0235 POWER LICENSE FEE (FVWRD)	CMS NUMBER
0231 HYDRO LICENSE FEE (FVWRD)	\$
HYDRO APPLICATION	\$
SPECIAL INSTRUCTIONS:	
☐ RETURN TO APPLICANT - LETTER ATTACHED	

Groundwater File Review:

Pump Test Required?

☒ YES ☐ NO

Pump Test Submitted?

YES ☐ NO ☒



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

TRANSMITTAL

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

Date: 7/21/2018
Attention: COBU
RE: Claim of Beneficial Use

☒ Prints ☐ Plans ☐ Plat ☐ Specifications.

Attached is a Claim of Beneficial Use on G-17317 for Oregon Dept of State Lands.

If you have any questions please call or email me.

Copies	No.	Description
1	1	Claim of Beneficial Use (5 pages letter bond)
1	2	Claim of Beneficial Use Map (1 page mylar)
1	3	Check for \$200
1	4	Well log (1 page letter bond)
1	5	Aerial imagery (1 page letter bond)

Signed: _____

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CLAIM OF BENEFICIAL USE for Groundwater Permits claiming more than 0.1 cfs



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 \$200 must accompany this form for permits with priority dates of July 9, 1987, or later.

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.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

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 #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-17705	G-17317	T-

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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 Scott D. Montgomery		PHONE NO. (541) 548-5833		ADDITIONAL CONTACT NO. (541) 420-0401	
ADDRESS P.O. Box 767					
CITY Terrebonne	STATE OR	ZIP 97760	E-MAIL Scott@APEandS.com		

Permit Holder of Record Signature or Acknowledgement

Each permit 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

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SECTION 4 SYSTEM DESCRIPTION

Are there multiple POAs?

NO

Well 4 (HARN 52620)

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NO

A. Place of Use

1. Is the right for municipal use?

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
23S	32E	WM	10	NE SE			IR	31.3	
23S	32E	WM	10	NW SE			IR	31.3	
23S	32E	WM	10	SW SE			IR	31.3	
23S	32E	WM	10	SE SE			IR	31.3	
Total Acres Irrigated								125.2	

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 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
Gould	12 CHC	MG2032	Turbine	14"	8"

3. Motor Information

MANUFACTURER	HORSEPOWER
GE	100

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)
100	40	390'	0'	1.43

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

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D. Storage

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

NO

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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

SECTION 5

CONDITIONS

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

1. Time Limits:

Permits and 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 or permit extension order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	Nov. 26, 2014		
BEGIN CONSTRUCTION (A)	Not mentioned	NA	NA
COMPLETE CONSTRUCTION (B)	Not mentioned	NA	NA
COMPLETE APPLICATION OF WATER (C)	Nov. 26, 2019	June 19, 2018	Irr system built, watering POU & metering/use reporting

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well 4	Lindsay Growsmart	GT1608092	Running	130808.8	2016

7. 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

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

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

a. Were there special well construction standards? RECEIVED NO

b. Was submittal of a ground water monitoring plan required? JUL 25 2018 NO

c. Was submittal of a water management and conservation plan required? NO

d. Other conditions? OWRD YES

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

Well ID tags required on all wells. Tag is affixed to casing.

SECTION 6

ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Well log	HARN 52620
Aerial imagery	FSA/USDA aerial imagery from June 2016

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 wells, conveyance, sprinklers, and place of use were tied to approximate property boundaries using an Garmin Etrex hand-held GPS unit. The map was compared to recent aerial imagery for accuracy.

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

HARN 52620

WELL I.D. LABEL# L 125278
START CARD # 2125108
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. _____
First Name _____ Last Name _____
Company OREGON DEPARTMENT OF STATE LAND
Address 1645 FORBES RD SUITE 112
City _____ State _____ Zip _____

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion

☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Casing: Dia + From To Gauge Stl Plstc Wld Thrd
Material From To Amt sacks/lbs
Seal: _____

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering
☐ Thermal ☐ Injection ☐ Other _____

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 390 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
20"	0	80	Bent	0	80	165	SAL
12"	80	390				Calculated 87	
12"	290	390				Calculated 87	

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

☒ Other Bent 3 mi. Pure

Backfill placed from _____ ft. to _____ ft. Material _____

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
☒	☒	16"	+	1	39	1.50	☒	☒	☒	☒
☐	☐	12"	=	1"	290	1.50	☒	☒	☒	☒

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____

Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method Michael

Screens Type _____ Material _____

Perf/S	Casing/	Screen			Scrn/slot	Slot	# of	Tele/
creen	Liner	Dia	From	To	width	length	slots	pipe size
	X	12"	160	390	3/8	3"	10.00	
				</				

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1500		390	1.2

Temperature 53 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount 280

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County Harn Twp 23 N/S Range 32 E/W WM
Sec 10 1/4 of the 1/4 Tax Lot 1500
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
C Street address of well F Nearest address

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration Date _____ SWL (psi) _____ + SWL (ft) _____
Completed Well 5-30-16 65'
Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 60

SWL	Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
5-30-16	60	5	250			65'
5-30-16	100	290	300			65'

(11) WELL LOG

Ground Elevation _____

Material	From	To
TOP SOIL	0	502
CLAY CLAY	25	58
GREEN CLAY	55	65
Black Pl. hard Granite	65	75
CLAY CLAY	75	85
Black Sand with flume	85	290
CLAY CLAY	290	390
Black Clay Gray	390	500

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RECEIVED BY OWRD JAN 03 2017
MAR 06 2017
SALEM, OR
JUL 25 2018
SALEM, OR
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Date Started 5-17-16 Completed 5-30-16

(unbonded) Water Well Constructor Certification

I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1654 Date 12-29-16

Signed _____

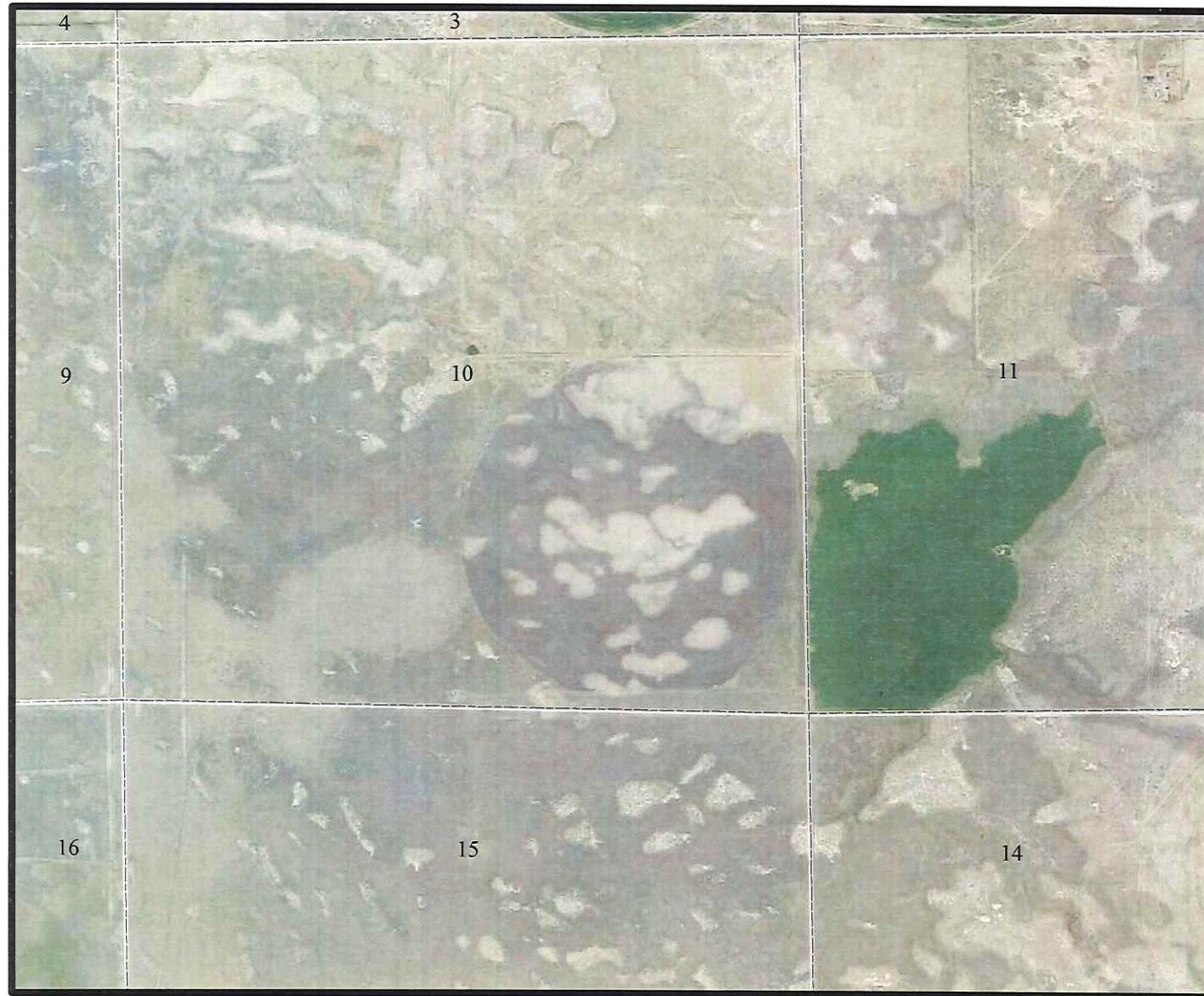
Contact Info (optional) _____

T23S R 32E, W.M.

June 2016 aerial imagery from NRCS Gateway website imported into ArcMap GIS software in statewide Lambert projection.



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BOSCHMANN Darrick E * WRD

From: BOSCHMANN Darrick E * WRD
Sent: Tuesday, April 11, 2017 2:35 PM
To: ZUMWALT Shawn
Subject: FW: Ruhl Road Monitoring Well (Permit G-17317)

Afternoon Shawn,

RE: Application G-17705/Permit G-17317
Dedicated Observation Well Condition

We have received the amended well log for HARN 52619. According to the amended log the well does meet the departments minimum well construction standards, and has a casing and seal depth that is suitable to satisfy the intent of the observation well condition. I will summarize our previous correspondence below:

The intent of the observation well condition under permit G-17317 is to monitor the aquifer response to pumping from the authorized wells. The language of the condition states that the well shall be cased and sealed to the same depth as the production wells, and be constructed at a location approved by the department. At this time a dedicated observation well has not been drilled for this purpose at a location approved by the department. From our earlier conversation it sounds like 3 production wells have been drilled under this permit, and only one of them had sufficient yield to meet the needs for a production well. You have proposed that one of the remaining two wells previously drilled as production wells be used for the dedicated observation well (HARN 52619).

As stated before the most pressing issue in this specific situation is going to be monitoring the impacts of water use under this permit on existing senior water users. The observation well will need to be located such that these impacts can be monitored effectively. The approved location for the observation well should be located between the authorized wells under this permit and senior authorized wells to the north. HARN 52619 is positioned at a location that would satisfy the intent of the dedicated observation well condition.

Given the above considerations, HARN 52619 is provisionally accepted for use as the dedicated observation well for this permit. However, given the well construction details, and failure to consult with the department for final well construction and location details, the department will reserve the right to require well reconstruction or construction of a new dedicated observation well should water levels measured in HARN 52619 be determined to not represent the response to pumping under permit G-17317. As per the condition the well shall not be used for any other purpose while the department is monitoring water levels. I anticipate installing the water level monitoring equipment in this well sometime this spring.

Please let me know if you have any questions. A copy of this email will be placed in the file here in Salem.

Thank you,
Darrick

Darrick E. Boschmann, RG | Hydrogeologist – Groundwater Section

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

| Phone: 503-986-0853
| Fax: 503-986-0902

From: BOSCHMANN Darrick E * WRD [mailto:Darrick.E.Boschmann@oregon.gov]
Sent: Monday, March 13, 2017 10:58 AM
To: ZUMWALT Shawn
Cc: GRONDIN Gerald H * WRD
Subject: RE: Ruhl Road Monitoring Well

Shawn,

RE: Application G-17705/Permit G-17317
Dedicated Observation Well Condition

The intent of the observation well condition under permit G-17317 is to monitor the aquifer response to pumping from the authorized wells. The language of the condition states that the well shall be cased and sealed to the same depth as the production wells, and be constructed at a location approved by the department. At this time a dedicated observation well has not been drilled for this purpose at a location approved by the department. From our earlier conversation it sounds like 3 production wells have been drilled under this permit, and only one of them had sufficient yield to meet the needs for a production well. You have proposed that one of the remaining two wells previously drilled as production wells be used for the dedicated observation well.

As stated before the most pressing issue in this specific situation is going to be monitoring the impacts of water use under this permit on existing senior water users. The observation well will need to be located such that these impacts can be monitored effectively. The approved location for the observation well should be located between the authorized wells under this permit and senior authorized wells to the north.

On 2/2/2017 I was able to access the site and field locate one of the wells – HARN 52619 (L-125277). The other two wells were inaccessible due to snow and mud. HARN 52619 is positioned at a location that would satisfy the intent of the dedicated observation well condition. Unfortunately the original well log submitted by the driller on 1/3/2017 was missing a significant amount of important information about the construction of the well and other supporting information. An amended log submitted by the driller on 3/6/2017 still has a significant amount of information missing. Most notably, there is no information regarding the depth of the bentonite seal. Without this information I cannot approve this well as the dedicated observation well under this permit. It cannot be shown that the well meets the departments minimum well construction standards, or that the well is cased and sealed to the same depth as the production well(s). Our well construction and compliance section has been working with the driller to bring this well into compliance. The amended well log dated 3/6/2017 is attached.

Here are two possible options:

1. Given the above considerations, **if HARN 52619 is brought into compliance** it could provisionally be acceptable for use as the dedicated observation well. However, given the well construction details, and failure to consult with the department for final well construction and location details, the department will reserve the right to require well reconstruction or construction of a new dedicated observation well should water levels measured in HARN 52619 be determined to not represent the response to pumping under permit G-17317.
2. **If HARN 52619 cannot be brought into compliance** we will work closely with you to approve location and well construction details for drilling the dedicated observation well as required by the permit condition.

The language of the condition is as follows:

To: ZUMWALT Shawn
Cc: GRONDIN Gerald H * WRD
Subject: RE: Ruhl Road Monitoring Well

Thank you Shawn. This will be helpful. I do still plan to make it out to the wells while I'm in Harney County between February 26 and March 7 and will report back when I return to Salem.

Regards,
Darrick

Darrick E. Boschmann, RG | Hydrogeologist – Groundwater Section

Oregon Water Resources Department | Phone: 503-986-0853
725 Summer ST. NE., Suite A Salem OR 97301 | Fax: 503-986-0902

From: ZUMWALT Shawn [<mailto:shawn.zumwalt@state.or.us>]
Sent: Wednesday, February 22, 2017 7:37 AM
To: BOSCHMANN Darrick E * WRD
Cc: GRONDIN Gerald H * WRD
Subject: RE: Ruhl Road Monitoring Well

Darrick,

I just wanted to give you a heads up that the wells on Ruhl road have all been tagged in case you don't have time to go by the location. Also, attached are images of each well with the respective tags on them.

Sincerely,

Shawn

Shawn P. Zumwalt
Property Manager
Department of State Lands
Eastern Region
541-388-6033

From: BOSCHMANN Darrick E * WRD [<mailto:Darrick.E.Boschmann@oregon.gov>]
Sent: Tuesday, February 14, 2017 12:52 PM
To: ZUMWALT Shawn
Cc: GRONDIN Gerald H * WRD
Subject: RE: Ruhl Road Monitoring Well

Shawn,

It will be difficult to coordinate with you on a site meeting during the upcoming trip as the main focus of the trip is to measure static water levels in 200+ wells. I will be focusing my efforts on water level measurements and will go by the Ruhl Road property when I am in the area and have available daylight. It is difficult to say in advance where I will be on a given day. I will let you know what I find out, and if needed we can arrange a site visit together at another time.

Thanks,
Darrick

Shawn P. Zumwalt
Property Manager
Department of State Lands
Eastern Region
541-388-6033

From: BOSCHMANN Darrick E * WRD [<mailto:Darrick.E.Boschmann@oregon.gov>]
Sent: Friday, January 27, 2017 11:39 AM
To: ZUMWALT Shawn
Subject: RE: Ruhl Road Monitoring Well

Morning Shawn,

I was unable to access the wells last week due to snow so I do not have an update at this time. I will say that given the uncertainty resulting from incomplete documentation and filing requirements by the driller I do have reservations about using these wells to satisfy the observation well requirement. There is a long history of incomplete and incorrect documentation by this particular driller. Until these issues are resolved I can't comfortably authorize the use of these wells for this purpose. It really comes down to knowing in the field which well is which, and how each is constructed so any water level data collected can be appropriately interpreted.

An additional consideration is the location of the wells, especially in relation to other wells in the area. Typically in these situations the department works very closely with the water user to determine a location for the observation well that will provide the most useful information for the specific situation. The most pressing issue in this specific situation is going to be monitoring the impacts of water use under this permit on existing senior water users. The observation well will need to be located such that these impacts can be monitored effectively. Again, I will know more about this once the wells can be field located.

To be clear I am very open to the possibility of using one of these wells to satisfy the permit condition. It just remains to be determined if they are suitable for the purpose.

Sorry I don't have more for you at this time. I plan to be back out that way in the coming weeks and will make an effort to access the wells again. I do understand there is a time sensitivity to this and will make it a priority as snow conditions and access allows.

Thanks,
Darrick

Darrick E. Boschmann, RG | Hydrogeologist – Groundwater Section

Oregon Water Resources Department	Phone: 503-986-0853
725 Summer ST, NE., Suite A Salem OR 97301	Fax: 503-986-0902

From: ZUMWALT Shawn [<mailto:shawn.zumwalt@state.or.us>]
Sent: Friday, January 27, 2017 9:52 AM
To: BOSCHMANN Darrick E * WRD
Subject: Ruhl Road Monitoring Well

Hi Darrick,

**Oregon Water Resources Department
Water Right Services Division**

Water Rights Application
Number G-17705

Final Order

Appeal Rights

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 July 19, 2013, Oregon Department of State Lands submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on July 15, 2014. The protest period closed August 29, 2014, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest.

Order

Application G-17705 therefore is approved as proposed by the Proposed Final Order, and Permit G-17317 is issued as limited by the conditions proposed by the Proposed Final Order.

DATED November 26, 2014



E. Timothy Wallin, Water Rights Program Manager
for Thomas M. Byler, Director

STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND, OR 97701

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

APPLICATION FILE NUMBER: G-17705

SOURCE OF WATER: WELL 1, WELL 2, WELL 3, WELL 4, WELL 6, AND WELL 7 IN
MALHEUR LAKE BASIN

PURPOSE OR USE: IRRIGATION OF 347.8 ACRES

MAXIMUM RATE: 5.8 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF Priority: JULY 19, 2013

WELL LOCATIONS:

WELL 1: SWNW, SECTION 14, T23S, R32E, W.M.; 1323 FEET SOUTH AND 1304
FEET EAST FROM NW CORNER, SECTION 14

WELL 2: NWNW, SECTION 14, T23S, R32E, W.M.; 227 FEET SOUTH AND 280
FEET EAST FROM NW CORNER, SECTION 14

WELL 3: SESE, SECTION 10, T23S, R32E, W.M.; 150 FEET NORTH AND 136
FEET WEST FROM SE CORNER, SECTION 10

WELL 4: NWSE, SECTION 10 T23S, R32E, W.M.; 1323 FEET NORTH AND 1328
FEET WEST FROM SE CORNER, SECTION 10

WELL 6: SENE, SECTION 10, T23S, R32E, W.M.; 1323 FEET SOUTH AND 1137
FEET WEST FROM NE CORNER, SECTION 10

WELL 7: SENE, SECTION 10, T23S, R32E, W.M.; 1323 FEET SOUTH AND 179
FEET WEST FROM NE CORNER, SECTION 10

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-SIXTIETH of one cubic foot per second and
3.0 acre-feet for each acre irrigated during the irrigation season of each
year.

The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board. Measurements shall be submitted on forms provided by, or specified by, the Department. Measurements shall be made with equipment that is accurate to at least the standards specified in OAR 690-217-0045. The Department requires the individual performing the measurement to:

- A. Associate each measurement with an owner's well name or number and a Department well log ID; and
- B. Report water levels to at least the nearest tenth of a foot as depth-to-water below ground surface; and
- C. Specify the method of measurement; and
- D. Certify the accuracy of all measurements and calculations reported to the Department.

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

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

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet state or federal water quality standards due to reduced flows.

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 to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

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.

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued November 26 , 2014

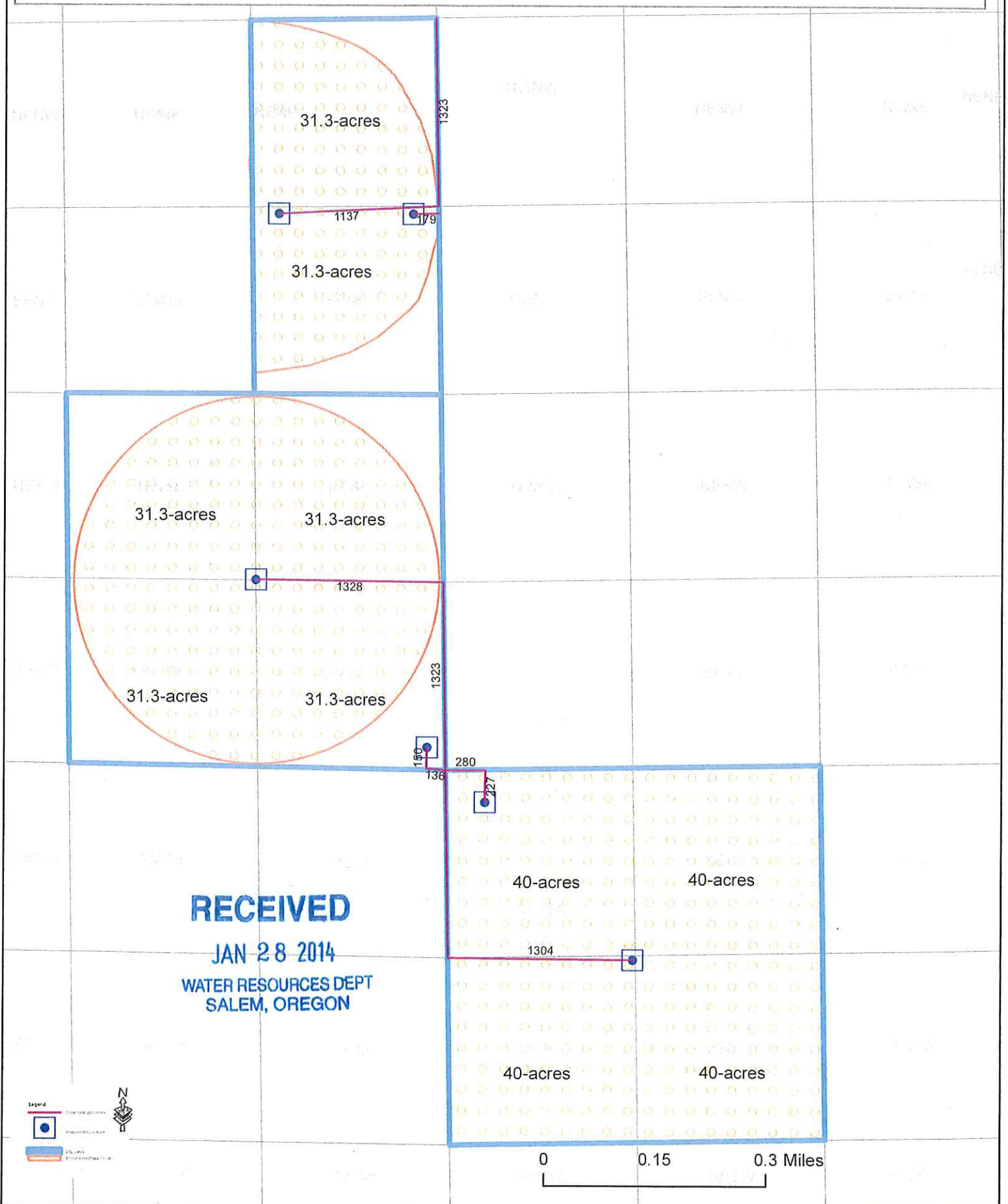


E. Timothy Wallin, Water Rights Program Manager
for Thomas M. Byler, Director

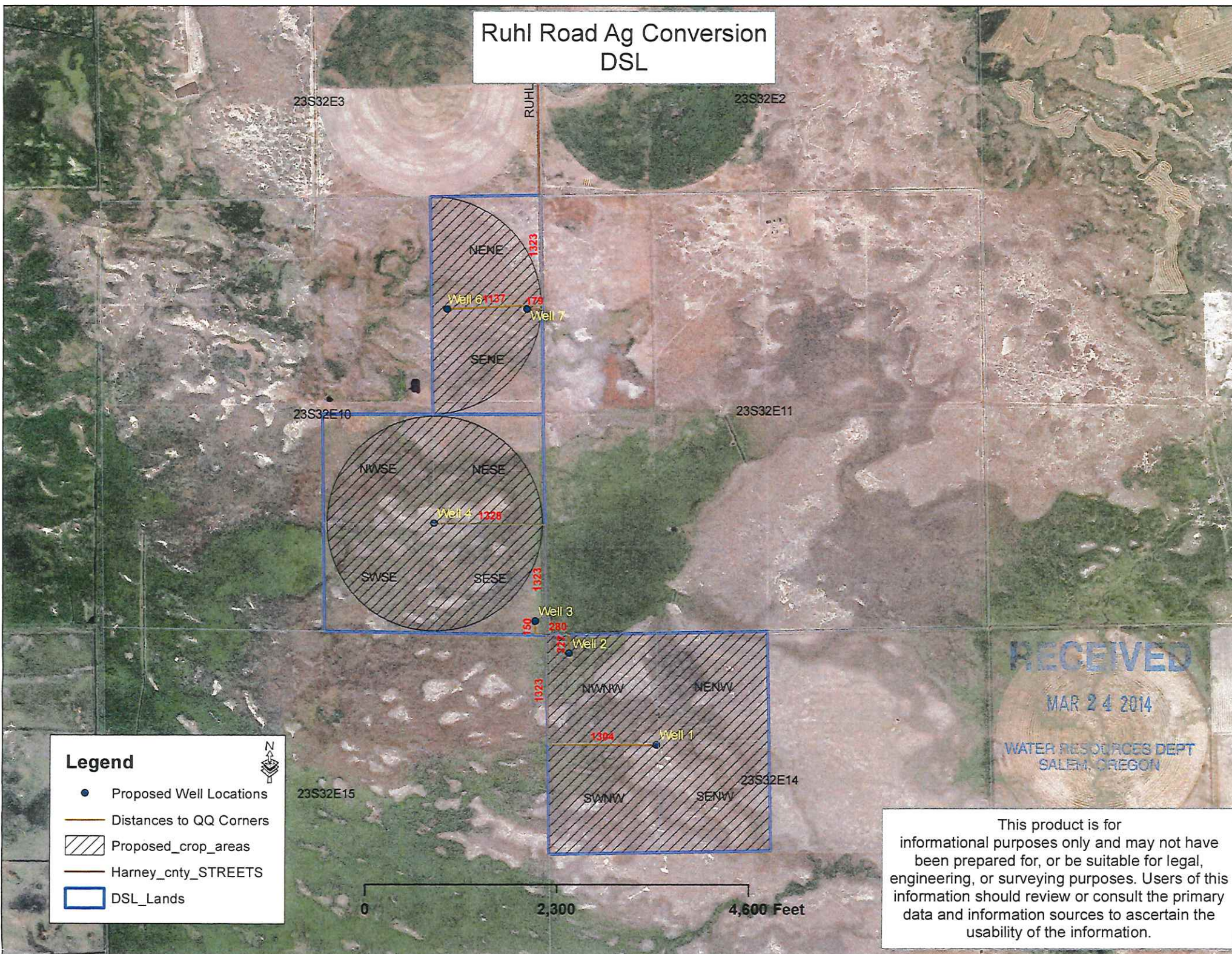
Oregon Department of State Lands Water Right Application

Sections 10 and 14 Township 23S. Range 32E

Harney County, Oregon



Ruhl Road Ag Conversion DSL



Mailing List for FO Copies

Application #G-17705

Original mailed to applicant with claim of beneficial use form:

DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND OR 97701

Copies sent to:

1. WRD - File # G-17705

FO and Map Copies sent to (remember to reduce copy margins):

2. WRD - Watermaster District #: 10

Copies Mailed By: <u>BW</u> (SUPPORT STAFF) on: <u>11/26/14</u> (DATE)
--

CASEWORKER : Kim French

FO Checklist

Application #: G-17705 Applicant: DEPARTMENT OF STATE LANDS

☒ Name and/or address has **changed or been assigned** ☐ Yes ☒ No

If new: _____

☒ Respond to **significant comments, issues, or disputes** related to the proposed use of water. ☒ N/A ☐ Yes

☒ **Affected landowner(s)** have been notified ☒ N/A ☐ Yes ☐ No, send a letter to landowners before FO issuance.

☒ **Verify names/addresses** of affected landowners, and those who commented and/or paid \$10 fee. ☒ N/A ☐ Yes

☒ PFO conclusions **require modification** due to typos, errors or omission of conditions ☐ Yes ☒ No

If so: _____

☒ Within North Umpqua settlement reach and issuing permit, **spreadsheet has been updated** ☒ N/A ☐ Yes

☒ **SWW** If GW and interference, copy form for Stahr. ☒ N/A

☒ **WMCP** required, cc: Lisa Jaramillo. ☒ N/A

☒ **Fees**

EXAM FEE REQUIRED	<u>1450</u>	RECORDING FEE REQUIRED	\$400 / <u>450</u> / \$900
EXAM FEE PAID	<u>-4450</u>	RECORDING FEE PAID	<u>-450</u>
STILL OWED	<u>Ø</u>	STILL OWED	<u>Ø</u>

___ FO w/ draft permit; still needed:

___ fees

___ easement

___ st water contract

___ approved dam plans & specs

___ land use approval

___ well construction approval

☒ FO w/ permit # G-17317

___ FO to deny

refund \$ _____

Name: Kim French

Date: 11/13/2014

Peer Reviewer: _____

PFO Checklist

Application #: G-17705 Applicant: DEPARTMENT OF STATE LANDS

☒ IR requested **add'l info** ☐ No ☒ Yes Conflict w/ C-63579

✓ Have **conflicts** been addressed? ☐ NA ☐ No ☒ Yes Affidavit for Pt CN of 0.5 AC

✓ IR date 4-18-14 Noticed on 4-22-14 Comment Deadline 5-22-14

✓ **Electronic/written comments?** ☒ No ☐ Yes _____ **Comment eval?** ☐ No ☐ Yes

☒ SW availability ☒ NA ☐ 80% ☐ 50%

Is second gw review necessary? ☒ NA ☐ No ☐ Yes Complete? ☐ No ☐ Yes Add'l fees ☐ necessary ☐ collected ☐ needed

☒ **DIV 9** ☐ NA ☐ will likely be available... ☐ will **not** likely be available... ☒ will, if properly conditioned...

well 6 wells has PSI with _____

GW conditions 7N, Special GW - OB WELL

✓ Conditions Lrg MRR

□ **Small** ≤ 0.1 CFS, ≤ 9.2 AF □ **Medium** > 0.1 CFS but < 0.5 CFS, > 9.2 AF but < 100 AF □ **Large** ≥ 0.5 CFS, ≥ 100 AF

✓ Allowed Use/Rate/Season 347.8 AC @ 5.8 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

Make specific finding in PFO if ☒ Rate/Limit higher-than-standard ☐ Duty higher-than-standard

Confirm POD/POU are correct per the map

☒ **SWW** ☒ **NA** ☐ above ☐ within _____ If GW and interference, copy form for Stahr.

POD characteristics identifies as **DEQ 303d**? ☒ NA ☒ No ☐ Yes; confirm DEQ cc'd at IR, and if not, copy them on PFO

Application was filed prior to 10/23/99 ☒ No ☐ Yes (If Yes, add A date requirement)

 Needed before permit ☐ NA ☒ fees ☐ evidence of well repair ☐ LU ☐ easement ☐ plans/specs ☐ storage contract

Changes from IR determinations

Conflict PT CN received

Notes

owe \$450 Perm Rec Fee

IR CHECKLIST

Application #: G-17705 Applicant: DEPARTMENT OF STATE LANDS

Use(s): IRRIGATION OF 347.8 ACRES Priority Date: July 19, 2013

✓ Requested Use/Rate/Season IR 347.8 AC @ 5.8 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

Allowed Use/Rate/Season IR 347.8 AC @ 5.8 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

✓ DIV 9 ☐ NA ☐ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☐ classify as surface water well 6 Wells has PSI with

GW conditions 7N, Special GW - ob well

✓ Conditions Lrg MRR

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF ☐ Medium > 0.1 CFS but < 0.5 CFS, > 9.2 AF but < 100 AF ☒ Large ≥ 0.5 CFS, ≥ 100 AF

use at least Medium for: Siltcoos Lake, stored water contract, and Sandy Basin ground water

use Large for: Tenmile Lake, NU or other temp control, and gov. entities; Large-7g, Large-7i for 7g/7i

use Large-TFM: HC exceptions; and if GW in South Salem Hills, or 10+ acres in Stage Gulch CGWA

✓ ORS 538 prohibits use ☐ No ☐ Yes (stop processing and return app and fees)

✓ Use is ☒ allowed ☐ not allowed ☐ limited ☐ OAR ☐ Compact

✓ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season

✓ SW availability ☒ NA ☐ 80% ☐ 50%

WID:

☐ Use DWF's 6/21/05 non-standard W/A memo if the source is: trib to Drews Res, Snake R, Columbia R, North Umpqua R below Rock Cr, or within drainages of Lost R, Chehalem Cr, or Champoege Cr (including Mission Cr and Case Cr)

✓ DIVISION 33 ☒ NA ☐ No ☐ above Bonneville, and ☐ not allowed 4/15 - 9/30
☐ below Bonneville
☐ statewide

✓ SWW ☒ NA ☐ above ☐ within (If GW and interference, copy form for Stahr.)

✓ Use is within a high priority area for streamflow restoration ☒ NA ☐ No ☐ Yes

✓ POU conflict ☐ NA ☐ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate

☒ Yes w/ Cert 63579 0.3 NENW SEC 14 0.2 SENW 235326 GW → same source

✓ Use is supplemental, checked for primary rights w/ diff source ☒ NA ☐ Yes limits

✓ App w/in a District boundary per http://apps.wrd.state.or.us/apps/gis/wr_irrigation/ ☒ No ☐ Yes, cc:

✓ Land use ☒ approved ☐ not approved ☐ being pursued ☐ not being pursued ☐ county notified ☐ NA

✓ MU or QM ☒ NA ☐ will complete construction within 20 years
☐ Fujii reviewed recommendations

✓ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained

✓ POD is within North Umpqua settlement reach and the spreadsheet was updated ☒ NA ☐ Yes

✓ Forms ☒ NA ☐ HC except ☐ spring description other

Point of Diversion Characteristics

Right:	App: G 17705 *
Name:	OREGON DEPARTMENT OF STATE LANDS

TRSQQ: 23.00S-32.00E-10-NWSE

County: Harney

Basin: Malheur Lake

WM District: 10

WM Region: E

Withdrawn Area:

WAB: SOLDIER CR > POISON CR SL - AT MOUTH (31200105)

Priority WAB:

Rule 4D:

Groundwater Restricted Area:

Scenic Water Way:

Division 33: STATEWIDE

Water Quality Limited:

TRSQQ: 23.00S-32.00E-10-SENE

County: Harney

Basin: Malheur Lake

WM District: 10

WM Region: E

Withdrawn Area:

WAB: SOLDIER CR > POISON CR SL - AT MOUTH (31200105)

Priority WAB:

Rule 4D:

Groundwater Restricted Area:

Scenic Water Way:

Division 33: STATEWIDE

Water Quality Limited:

TRSQQ: 23.00S-32.00E-10-SESE

County: Harney

Basin: Malheur Lake

WM District: 10

WM Region: E

Withdrawn Area:

WAB: SOLDIER CR > POISON CR SL - AT MOUTH (31200105)

Priority WAB:

Rule 4D:

Groundwater Restricted Area:

Scenic Water Way:

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; or

(c) Permits for use of water legally stored.

(d) Permits for Multipurpose Storage under OAR 690-512-0100.

Stat. Auth.: ORS 536.300 & 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; WRD 2-2009, f. 6-18-09, cert. ef. 7-1-09

Place of Use Conflict Report

The following rights have acreage in the same quarter-quarter as App: G 17705 *

Right	Name	Decree	App	Permit	Cert	Priority	Status	Use	T-R-S-QQ	DLC	Gov't Lot	Acre
<u>CERT 63579 OR *</u>	ORAMARTIC INC.		G-8916	G-8311	63579	8/7/1978	NC	IR	23.00S-32.00E-14-SENE			0.2000
								IR	23.00S-32.00E-14-NESE			0.3000

STATE OF OREGON
COUNTY OF HARNEY
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

ORAMARTIC, INC.
C/O BOB BUTLER
P.O. BOX 430
VALE, OREGON 97918

confirms the right to use the waters of A WELL in the SILVIES RIVER BASIN for the purpose of IRRIGATING 130.9 ACRES.

The right has been perfected under Permit G-8311. The date of priority is AUGUST 7, 1978. The right is limited to not more than 1.64 CUBIC FEET PER SECOND or its equivalent in case of rotation, measured at the well.

The well is located as follows:

NE 1/4 NE 1/4, SECTION 14, T 23 S, R 32 E, W.M.; 1190 FEET SOUTH & 1220 FEET WEST FROM THE NORTHEAST CORNER OF SECTION 14.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to ONE-EIGHTIETH of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

The right shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right, and to which such right is appurtenant, is as follows:

NE 1/4 NE 1/4	32.0 ACRES
NW 1/4 NE 1/4	34.0 ACRES
SW 1/4 NE 1/4	32.4 ACRES
SE 1/4 NE 1/4	32.0 ACRES
NE 1/4 NW 1/4	0.3 ACRE
SE 1/4 NW 1/4	0.2 ACRE

SECTION 14

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

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

WITNESS the signature of the Water Resources Director, affixed this date DECEMBER 27, 1989.

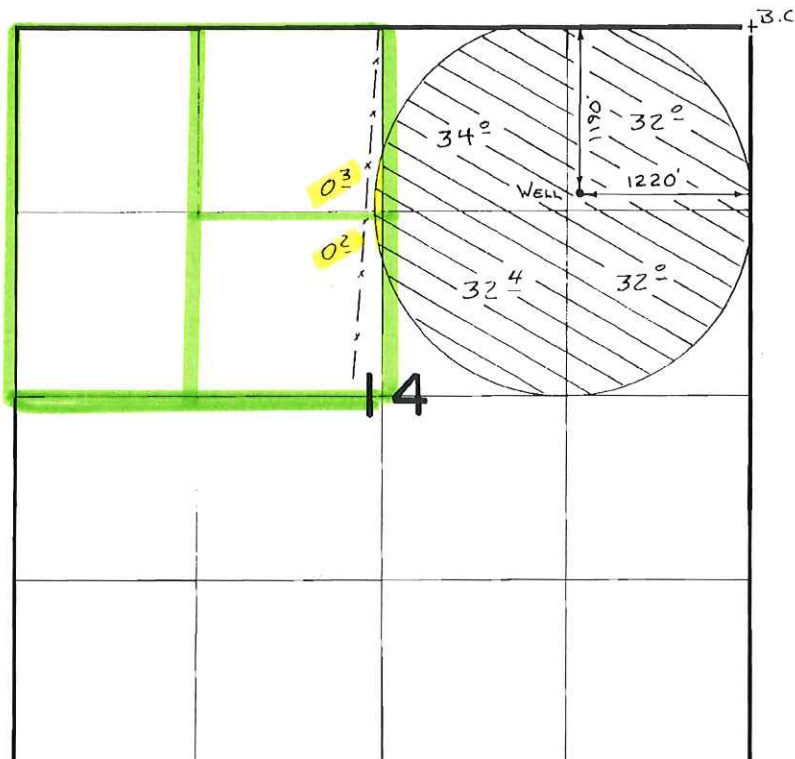
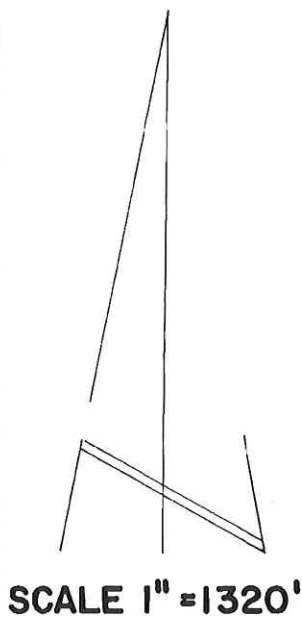
/s/ WILLIAM H. YOUNG

Water Resources Director

Recorded in State Record of Water Right Certificates numbered 63579

G-8916.VC

T. 23S., R. 32E., W.M.



FINAL PROOF SURVEY
UNDER

Application No. **G-8916** Permit No. **G-8311**
IN NAME OF

ORAMARTIC, INC.

Surveyed 5-7 1988, by J.M. Schmorde

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE # # G-17705

ROUTED TO: Water Rights - Mary

TOWNSHIP/

RANGE-SECTION: 23S/32E-10+14

CONDITIONS ATTACHED?: ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Superseding review; new
conditions is recommended

Reviewer: Mike Zwart

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

TO: Water Rights Section Date March 28, 2014

FROM: Groundwater Section Mike Zwart
Reviewer's Name

SUBJECT: Application G- 17705 Supersedes review of August 28, 2013
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: Oregon Dept. of State Lands County: Harney

A1. Applicant(s) seek(s) 5.8 cfs from six well(s) in the Malheur Lake Basin,
subbasin Quad Map: Ninemile Slough

A2. Proposed use Irrigation, 347.8 acres 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	Proposed	1	Valley Fill	1.7825	23S/32E-14 SW-NW	1323' S, 1304' E fr NW cor S 14
2	Proposed	2	Valley Fill	1.7825	23S/32E-14 NW-NW	227' S, 280' E fr NW cor S 14
3	Proposed	3	Valley Fill	1.7825	23S/32E-10 SE-SE	150' N, 136' W fr SE cor S 10
4	Proposed	4	Valley Fill	1.7825	23S/32E-10 NW-SE	1323' N, 1328' W fr SE cor S 10
5	Proposed	6	Valley Fill	1.7825	23S/32E-10 SE-NE	1323' S, 1137' W fr NE cor S 10
6	Proposed	7	Valley Fill	1.7825	23S/32E-10 SE-NE	1323' S, 179' W fr NE cor S 10

* 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	4127		125±		300	0-26	0-100					
2	4130		125±		300	0-26	0-100					
3	4127		125±		300	0-26	0-100					
4	4126		125±		300	0-26	0-100					
5	4131		125±		300	0-26	0-100					
6	4128		125±		300	0-26	0-100					

Use data from application for proposed wells.

A4. **Comments:** _____

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: _____

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	Basin-fill sediments (Qal and Tvs of GW Report #16)	☐	☒
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Basis for aquifer confinement evaluation: Groundwater in the basin fill is generally unconfined and hydraulically connected to surface water, including Malheur and Harney Lakes.

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
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: Groundwater likely is discharging to lower reaches of Ninemile Slough, Poison Creek Slough and/or Malheur Lake. Ninemile Slough and Poison Creek Slough are dry in most years and therefore not considered for Division 9 reviews, per memo by Ivan Gall, January 15, 2008.

Water Availability Basin the well(s) are located within: Soldier Cr > Poison Cr Sl ab Malheur Lake (31200105).

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?
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐

Basis for impact evaluation:

C6. SW / GW Remarks and Conditions

Version: 07/26/2013

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE # # G-17705

ROUTED TO: Water Rights - Mary

TOWNSHIP/

RANGE-SECTION: 23S/32E - 10+14

CONDITIONS ATTACHED?: ☒ Yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Mike Zwart

Super sealed

August 28, 2013

FROM: GW: Mike Zwart
(Reviewer's Name)

☐ YES

☒ NO

The source of appropriation is within or above a Scenic Waterway

☐ YES

☒ NO

Use the Scenic Waterway condition (Condition 7J)

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

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

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

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

[illegible]

PUBLIC INTEREST REVIEW FOR GROUNDWATER APPLICATIONS

Superseded

TO: Water Rights Section Date August 28, 2013

FROM: Groundwater Section Mike Zwart
Reviewer's Name

SUBJECT: Application G- 17705 Supersedes review of _____
Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525. Department staff review 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: Oregon Dept. of State Lands County: Harney

A1. Applicant(s) seek(s) 4.75 cfs from four well(s) in the Malheur Lake Basin,
_____ subbasin Quad Map: Ninemile Slough

A2. Proposed use Irrigation, 285.2 acres 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	Proposed	1	Valley Fill	3.12	23S/32E-10 SE-SE	59' N, 59' W fr SE cor S 10
2	Proposed	2	Valley Fill	3.12	23S/32E-10 NW-SE	1325' N, 1336' W fr SE cor S 10
3	Proposed	3	Valley Fill	3.12	23S/32E-14 NW-NW	227' S, 273' E fr NW cor S 14
4	Proposed	4	Valley Fill	3.12	23S/32E-14 NE-NW	227' S, 1329' E fr NW cor S 14
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	4127		125±		300	0-26	0-100					
2	4130		125±		300	0-26	0-100					
3	4127		125±		300	0-26	0-100					
4	4126		125±		300	0-26	0-100					

Use data from application for proposed wells.

A4. Comments: The map failed to label the wells. I used the numbering above to be consistent with the WRIS PODs.

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: _____

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	Basin-fill sediments (Qal and Tvs of GW Report #16)	☐	☒
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Basis for aquifer confinement evaluation: Groundwater in the basin fill is generally unconfined and hydraulically connected to surface water, including Malheur and Harney Lakes.

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
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: Groundwater likely is discharging to lower reaches of Ninemile Slough, Poison Creek Slough and/or Malheur Lake. Ninemile Slough and Poison Creek Slough are dry in most years and therefore not considered for Division 9 reviews, per memo by Ivan Gall, January 15, 2008.

Water Availability Basin the well(s) are located within: Soldier Cr > Poison Cr Sl ab Malheur Lake (31200105).

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?
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐

Basis for impact evaluation: _____

[illegible]

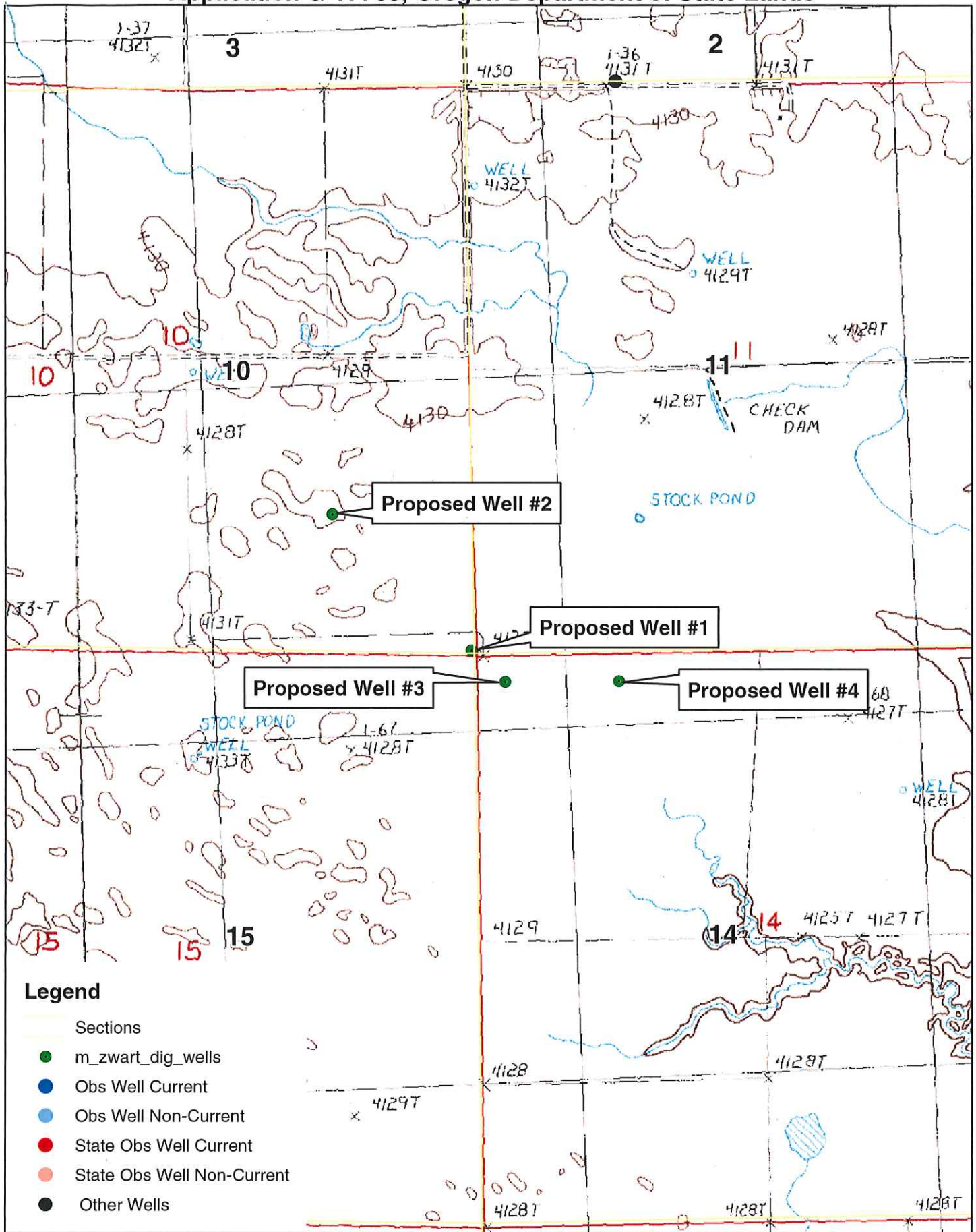
C5. ☐ If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:

- 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: Local well logs; local recent reviews; GW Report 16, by Leonard, 1970; Greene, Walker, and Corcoran, 1972, Geologic Map of the Burns Quadrangle, Oregon, USGS Miscellaneous Geologic Investigations Map I-680; Memo by Ivan Gall, 1/15, 2008, Stream Assessment for Division 9 Review in the Malheur Lakes Basin.

Application G-17705, Oregon Department of State Lands



Legend

- Sections
- m_zwart_dig_wells
- Obs Well Current
- Obs Well Non-Current
- State Obs Well Current
- State Obs Well Non-Current
- Other Wells



0

0.5

1

Miles

Standard Application Completeness Checklist

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

Yes ☒ No ☐

This is the checklist used by WRD staff

Application G-17705 County Harney Priority Date 7-19-13Township 23S Range 32E Section 10 d 14Amount 1.78 cfs Use img of 285.2ac WM Dist # 10Applicant Name DSLReceipt No. 109363check request # 10636
VP 066193 B1214Caseworker Assigned ☐ Kerry Kavanagh ☒ Mary Rohling☒ Applicant/Organization Name, Mailing Address, and Telephone Number.☒ All applicants or the applicant's authorized agent (include title or authority if for an organization or corporation), must sign the application in ink. Signature must be an original "wet" signature. Copies cannot be accepted.☒ Source of water. If stored water, is the stored water component filed out, including a non-expired agreement for stored water must be included. (ORS 537.400) **NOTE:** A surface water application cannot be filed at the same time as a Reservoir or Alt Reservoir if it will be for the use of the stored water under the PROPOSED Reservoir application, Expedited Secondary(E2).☒ If for stored water not under contract, is the source valid / Permit or Certificate issued Y / N
List Permit or Certificate number _____☒ The proposed source **is** or **is not** (circle one) withdrawn from further appropriation. If it is withdrawn under ORS 538, then return application and fees. If it is withdrawn by other means, accept the application and a negative IR will be issued.
gnw ap☒ Property ownership indicated.☐ If applicant does not own all the land, the affected landowner=s name and mailing address must be listed.☐ If applicant does not own all the land, a signed statement declaring the existence of either written authorization or an easement permitting access to land crossed by the proposed ditch canal or other work must be submitted.☒ Well Development (pg. 4 & 5) or a well log report. 4 proposed wells - 2 likely to be developed☒ Proposed use of water. If supplemental, list primary acreage. (Irrigation and Suppl Irrigation together, is 2 uses) irrigation of 285.2ac☒ Supplemental data sheets enclosed (if needed)☐ Form M (Municipal or Quasi-Municipal)☐ Spring Description Sheet (if source is a spring)

**Oregon Water Resources Department
Water Right Services Division**

Water Rights Application
Number G-17705

Prior to the issuance of a permit, the Department must receive permit recording fees in the amount of \$450.00. Please include your application number on your check made out to the Oregon Water Resources Department.

Proposed Final Order

Summary of Recommendation: The Department recommends that the attached draft permit be issued with conditions.

Application History

On July 19, 2013, Oregon Department of State Lands submitted an application to the Department for the following water use permit:

- Amount of Water: 5.8 CUBIC FEET PER SECOND (CFS)
- Use of Water: IRRIGATION OF 347.8 ACRES
- Source of Water: WELL 1, WELL 2, WELL 3, WELL 4, WELL 6, AND WELL 7 IN MALHEUR LAKE BASIN
- Area of Proposed Use: HARNEY COUNTY WITHIN SECTION 10 AND SECTION 14, TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

On April 18, 2014, the Department mailed the applicant notice of its Initial Review, determining that *"The appropriation of 5.8 CFS from Well 1, Well 2, Well 3, Well 4, Well 6, and Well 7 in Malheur Lake Basin for irrigation of 347.8 acres is allowable during the full period requested, March 1 through October 31 of each year, contingent upon the resolution of the conflict with underlying rights."* The applicant did not notify the Department to stop processing the application within 14 days of that date.

On April 22, 2014, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about obtaining future notices and a copy of the Proposed Final Order. No written comments were received within 30 days.

On June 18, 2014, Larry Quackenbush, Eastern Region Manager for the Oregon Department of State Lands (DSL), submitted an affidavit to the Department stating DSL is the owner of lands and water right Certificate 63579. The affidavit requested that a portion of the water right be cancelled.

- (b) The point of appropriation is a horizontal distance less than one-fourth mile from the surface water source;
- (c) The rate of appropriation is greater than five cubic feet per second, if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (d) The rate of appropriation is greater than one percent of the pertinent adopted minimum perennial streamflow or instream water right with a senior priority date, if one is applicable, or of the discharge that is equaled or exceeded 80 percent of time, as determined or estimated by the Department, and if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (e) The ground water appropriation, if continued for a period of 30 days, would result in stream depletion greater than 25 percent of the rate of appropriation, if the point of appropriation is 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.

Well 1, Well 2, Well 3, Well 4, Well 6, and Well 7 in Malheur Lake Basin are not within or above a State Scenic Waterway.

The proposed ground water use is 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 Program.

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.

Recommendation

The Department recommends that the attached draft permit be issued with conditions.

DATED July 15, 2014

E. Timothy Wallin

E. Timothy Wallin, Water Rights Program Manager
for Director, Water Resources Department

Protests

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for ground water), you can protest this Proposed Final Order. Protests must be received in the Water Resources Department no later than **August 29, 2014**. Protests 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 the Proposed Final Order would impair or be detrimental to your interest;
- A detailed description of how the Proposed Final Order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known;
- To affect the department's determination that the proposed use in this application will, or will not, ensure the preservation of the public welfare, safety and health as described in ORS 537.525, ORS 537.621(2)(b) requires that a protest demonstrate, by a preponderance of evidence any of the following: (a) One or more of the criteria for establishing the presumption are, or are not, satisfied; or (b) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected, and specifically how the

- the applicant requests a contested case hearing within 30 days after the close of the protest period.

If you do not request a hearing within 30 days after the close of the protest period, or if you withdraw a request for a hearing, notify the Department or the administrative law judge that you will not appear or fail to appear at a scheduled hearing, the Director may issue a Final Order by default. If the Director issues a Final Order by default, the Department designates the relevant portions of its files on this matter, including all materials that you have submitted relating to this matter, as the record for purpose of proving a *prima facie* case upon default.

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

Notice Regarding Service Members: Active duty service members have a right to stay proceedings under the federal Service Members Civil Relief Act. 50 U.S.C. App. §§501-597b. You may contact the Oregon State Bar or the Oregon Military Department for more information. The toll-free telephone number for the Oregon State Bar is: 1 (800) 452-8260. The toll-free telephone number of the Oregon Military Department is: 1 (800) 452-7500. The Internet address for the United States Armed Forces Legal Assistance Legal Services Locator website is: <http://legalassistance.law.af.mil>

This document was prepared by Mary Rohling. If you have any questions about any of the statements contained in this document I am most likely the best person to answer your questions. You can reach me at 503-986-0859.

If you have questions about how to file a protest or a request for standing, please refer to the respective sections in this Proposed Final Order entitled "Protests" and "Requests for Standing". If you have previously filed a protest and want to know its status, please contact Patricia McCarty at 503-986-0820.

If you have other questions about the Department or any of its programs please contact our Customer Service Group at 503-986-0801. Address all other correspondence to:

Water Rights Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266, Fax: 503-986-0901.

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-SIXTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 31.3 ACRES
 SE $\frac{1}{4}$ NE $\frac{1}{4}$ 31.3 ACRES
 NE $\frac{1}{4}$ SE $\frac{1}{4}$ 31.3 ACRES
 NW $\frac{1}{4}$ SE $\frac{1}{4}$ 31.3 ACRES
 SW $\frac{1}{4}$ SE $\frac{1}{4}$ 31.3 ACRES
 SE $\frac{1}{4}$ SE $\frac{1}{4}$ 31.3 ACRES
 SECTION 10

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
 NW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
 SE $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
 SECTION 14

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

Measurement devices, and recording/reporting of annual water use conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter, or other suitable measuring device as approved by the Director, at each point of appropriation. The permittee shall maintain the device in good working order.
- B. The permittee shall allow the watermaster access to the device; provided however, where any device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The permittee shall keep a complete record of the volume of water diverted month, and shall submit a report which includes water-use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

The period of restricted use shall continue until the water level rises above the decline level which triggered the action or the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or causing substantial interference with senior water rights. The water user shall not allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

The permittee shall construct one minimum six-inch diameter observation well to penetrate the same aquifer as the production wells. The well shall meet the Department's minimum well construction standards and shall be cased and sealed to the same depth as the production wells. The well shall be constructed at a location approved by the Department for the purpose of instrumentation with continuous water-level monitoring equipment. The landowner or permittee shall provide access to Department staff to install and maintain the monitoring equipment. The well shall not be used for any other purpose while the Department is monitoring water levels. The well shall be completed prior to water use under the terms of this permit.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

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.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

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

Issued

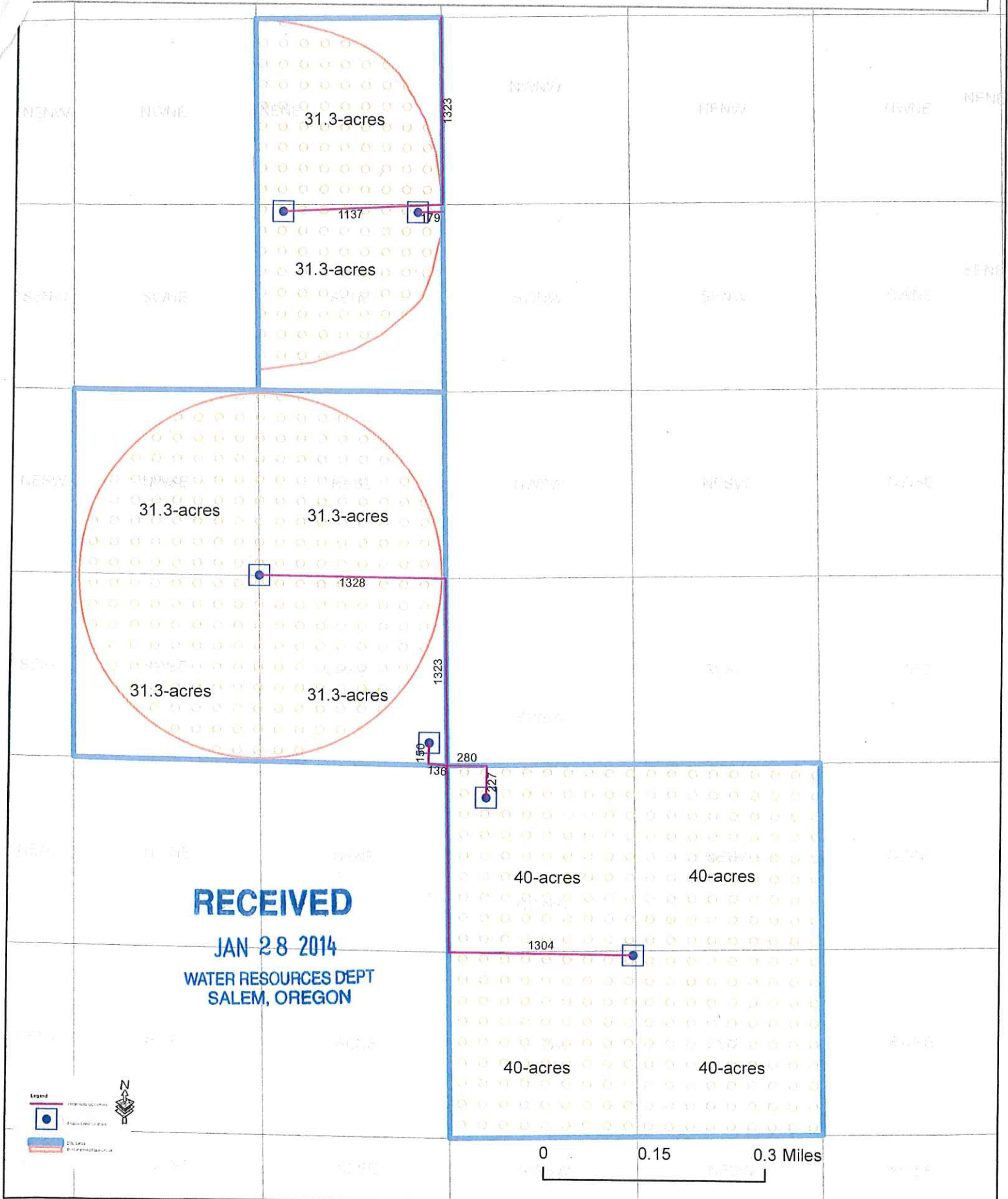
DRAFT - THIS IS NOT A PERMIT

E. Timothy Wallin, Water Rights Program Manager
for Director, Water Resources Department

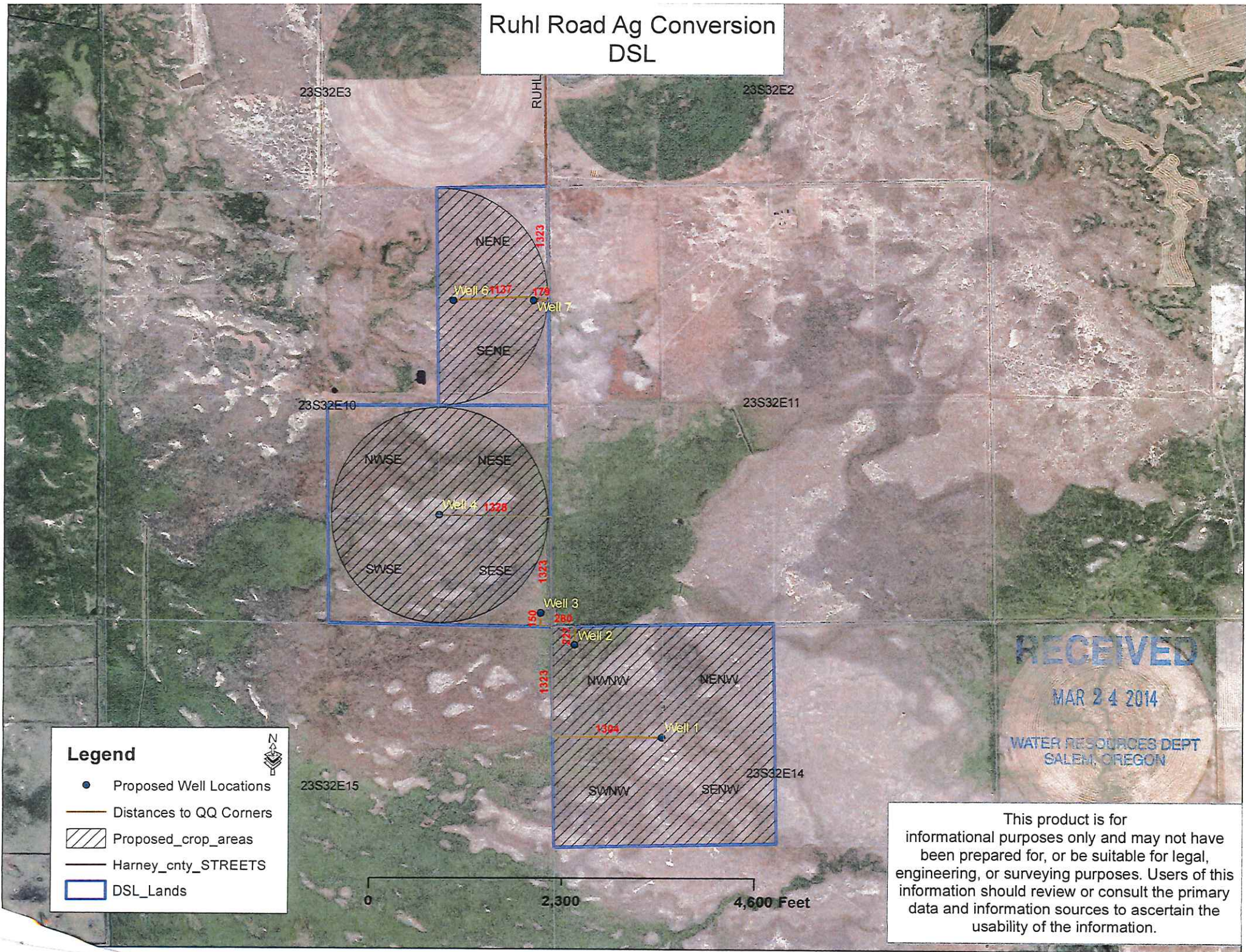
gon Department of State Lands Water Right Application

Sections 10 and 14 Township 23S. Range 32E

Harney County, Oregon



Ruhl Road Ag Conversion DSL



Legend

- Proposed Well Locations
- Distances to QQ Corners
- ▨ Proposed_crop_areas
- Harney_cnty_STREETS
- DSL_Lands



RECEIVED
MAR 24 2014
WATER RESOURCES DEPT
SALEM, OREGON

This product is for informational purposes only and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Mailing List for PFO Copies

Application #G-17705

PFO Date July 15, 2014

Original **emailed** to applicant:

~~DEPARTMENT OF STATE LANDS, 1645 NE FORBES RD STE 112, BEND, OR 97701~~

SENT VIA EMAIL:

1. WRD - Watermaster # 10
2. DSL CONTACT - shawn.zumwalt@state.or.us

Copies Mailed
By: <u>FW</u>
(SUPPORT STAFF)
on: <u>7/15/14</u>
(DATE)

Copies sent to:

1. WRD - File # G-17705

PFO and Map Copies sent to:

2. WRD - Regional Manager: EASTERN

Protest/ Standing Dates checked

CASEWORKER : Rohlinmf

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Mary Rohling

Date: April 4, 2014

From: Mike Zwart

Subject: File G-17705, Department of State Lands

The same source of groundwater is developed by Certificate 63579 as is proposed by application G-17705.

INTEROFFICE MEMORANDUM

Water Rights Section

TO: Ivan Gall/Mike Zwart

FROM: Mary Rohling, Water Rights x60859

DATE: 04-02-14

RE: Application G-17705, Department of State Lands – determine if gw from six wells proposed under App G-17705 will tap same source as the well under Cert 63579

On March 28, 2014, Mike Zwart completed a public interest re-review for Application G-17705.

The applicant applied for irrigation of 0.5 acres which is covered by Cert 63579.

Please determine if the wells proposed under App G-17705 will produce groundwater from the same source as the wells under Cert 63579.

Please return file with recommendations to Mary.

Thank you for your help.

Ruhl Road Ag Conversion DSL



RECEIVED
MAR 24 2014
WATER RESOURCES DEPT
SALEM, OREGON

This product is for informational purposes only and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Q 17705

INTEROFFICE MEMORANDUM

Water Rights Section

TO: Mike Zwart

FROM: Mary Rohling, Water Rights x60859

DATE: 3-14-14

RE: Application G-17705 Department of State Lands – Two additional wells submitted for review

On August 28, 2013, Mike Zwart completed a public interest review for Application G-17705.

On March 13, 2014, Fees were received for submitted revisions. The applicant revised the application to include two additional proposed wells, and an increase in rate for a change (additional acreage) in the place of use.

Please return file with recommendations to Mary.

Thank you for your help.



Oregon

John A. Kitzhaber, MD, 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

April 18, 2014

OREGON DEPARTMENT OF STATE LANDS
1645 NE FORBES RD SUITE 112
BEND, OR 97701

Reference: File G-17705

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 an application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information you have supplied, the Water Resources Department has made the following preliminary determinations:

Initial Review Determinations:

1. The application proposed the appropriation of 5.8 cubic feet per second (CFS) of water from Well 1, Well 2, Well 3, Well 4, Well 6, and Well 7 in Malheur Lake Basin for irrigation of 347.8 acres March 1 through October 31 of each year.
2. The proposed use is not prohibited by law or rule except where otherwise noted below.
3. The appropriation of water from Well 1, Well 2, Well 3, Well 4, Well 6, and Well 7 in Malheur Lake Basin for irrigation is allowable under the Malheur Lake Basin Program.
4. Ground water will likely be available within the capacity of the resource, and if properly conditioned, the proposed use of ground water will avoid injury to existing ground water rights.

The Department has determined, based upon OAR 690-009, that the proposed ground water use will not have the potential for substantial interference with any surface water source.

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

To Proceed With Your Application:

If you choose to proceed with your application, you do not have to notify the Department. Your application will automatically be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a Proposed Final Order.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$225 processing charge per application). To accomplish this you must notify the Department in writing by **Friday, May 2, 2014**. For your convenience you may use the enclosed "STOP PROCESSING" form.

If A Permit Is Issued It Will Likely Include The Following Conditions:

1. Measurement devices, and recording/reporting of annual water use conditions:
 - A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter, or other suitable measuring device as approved by the Director, at each point of appropriation. The permittee shall maintain the device in good working order.
 - B. The permittee shall allow the watermaster access to the device; provided however, where any device is located within a private structure, the watermaster shall request access upon reasonable notice.
 - C. The permittee shall keep a complete record of the volume of water diverted month, and shall submit a report which includes water-use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water-use information, including the place and nature of use of water under the permit.
 - D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

2. Static Water Level Conditions

The Department requires the water user to obtain, from a qualified individual (see below), and report annual static water levels for each well on the permit. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

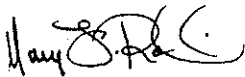
The permittee shall report an initial March static water-level measurement once well construction is complete and annual measurements thereafter. Annual measurements are required whether or not the well is used. The first annual measurement will establish a reference level against which future measurements will be compared. However, the Director may establish the reference level based on an analysis of other water-level data. The Director may require the user to obtain and report additional water levels each year if more data are needed to evaluate the aquifer system.

The water source identified in your application may be affected by an Agricultural Water Quality Management Area Plan. These plans are developed by the Oregon Department of Agriculture (ODA) with the cooperation of local landowners and other interested stakeholders, and help to ensure that current and new appropriations of water are done in a way that does not adversely harm the environment. You are encouraged to explore ODA's Water Quality Program web site at http://www.oregon.gov/ODA/NRD/water_agplans.shtml to learn more about the plans and how they may affect your proposed water use.

If you have any questions:

Feel free to call me at 503-986-0859 if you have any questions regarding the contents of this letter or your application. Please have your application number available if you call. General questions about water rights and water use permits should be directed to our customer service staff at 503-986-0801. When corresponding by mail, please use this address: Mary Rohling, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266. Our fax number is 503-986-0901.

Sincerely,

A handwritten signature in black ink, appearing to read "Mary Rohling".

Mary Rohling
Water Right Application Caseworker

enclosures: Application Process Description and Stop Processing Request Form

G-17705
WAB 12-no psi
POU 12-no psi
GW

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
NW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
SE $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES

SECTION 14

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

14 DAY STOP PROCESSING DEADLINE DATE: Friday, May 2, 2014

PUBLIC NOTICE DATE: Tuesday, April 22, 2014

30 DAY COMMENT DEADLINE DATE: Thursday, May 22, 2014

APPLICATION PROCESS DESCRIPTION FOR GROUNDWATER, SURFACE WATER AND REGULAR RESERVOIR APPLICATIONS

In order to take and use the waters of Oregon, a citizen must first obtain a permit from the Water Resources Department. The water must be used for beneficial purpose - without waste. To become well-informed about water right topics, weekly public notice, forms and fees please visit our web site at www.wrd.state.or.us

1. *Pre-application considerations*

- follow instructions in the application packet
- if you have questions about completing an application or would like to arrange a pre-application conference contact the Department's Water Rights Information Group (WRIG) at 503-986-0801

2. *Application filing*

- application with fee is received by the Department
- Department determines completeness of application
- if use is not allowed by statute (ORS 538), the application and fees are returned to the applicant
- incomplete application and fees are returned to the applicant
- only a complete application receives a tentative priority date, is assigned a caseworker, and moves forward for processing

3. *Initial Review (IR)*

- caseworker reviews application by considering basin plans, water availability, statutory restrictions and all other appropriate factors
- caseworker sends IR report to applicant
- contact the caseworker if you have questions about the IR
- seven days after date of the IR, it is included in Department's weekly Public Notice
- public comments must be submitted within 30 days after the Public Notice
- **administrative hold** may be requested in writing by applicant

4. *Proposed Final Order (PFO)*

- caseworker evaluates application against required criteria and develops draft permit, if appropriate
- PFO includes instructions for filing of protests
- caseworker considers public comments and mails PFO to applicant
- the PFO is included in Department's weekly Public Notice
- public protests to the PFO must be submitted within 45 days after the Public Notice

Stop Processing deadline is within 14 days of Initial Review - use the form below

- applicant may request no further action and fee refund of all but \$225

STOP PROCESSING REQUEST FOR GROUNDWATER, SURFACE WATER AND REGULAR RESERVOIR APPLICATIONS

Applicant notification to withdraw Water Right Application # _____

After reviewing the Initial Review for my application, I request that processing be stopped and the fees be refunded (minus a \$225 examination fee.) I understand that without a valid permit I may not legally use the water as requested in my application

Signature _____ date _____

Signature _____ date _____

Under ORS 537.150 (5) and 537.620 (5) timely submission of this request authorizes that the water right application process be stopped and all filing fees (except \$225 examination fee) be returned.

This notice must be received at Water Resources Department by _____

Return the notice to: OWRD, Water Rights Division
STOP PROCESSING
725 Summer Street, NE - Suite A

Mailing List for IR Copies

Application #G-17705

IR Date: April 18, 2014

Original mailed to applicant:

~~OREGON DEPARTMENT OF STATE LANDS, 1645 NE FORBES RD SUITE 112, BEND,
OR 97701~~

SENT VIA EMAIL:

1. WRD - Watermaster # 10
2. Applicant - shawn.zumwalt@state.or.us

Copies sent to:

1. WRD - File # G-17705

IR, Map, and Fact Sheet Copies sent to:

2. WRD - Regional Manager: EASTERN

Copies Mailed
By: <u>Ba</u>
(SUPPORT STAFF)
on: <u>4/18/14</u>
(DATE)

Caseworker: Mary Rohling

COPYSH.T.IR

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **111365**

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

INVOICE # _____

RECEIVED FROM: Department of State Lands

APPLICATION **6-17705**

BY: _____

PERMIT

TRANSFER

CASH: ☐

CHECK: #

OTHER: (IDENTIFY) _____

☐

☒ **348424**

☐

TOTAL REC'D \$ **900.00**

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

\$

0203 GROUND WATER

\$ 900.00

0204

\$

0205 TRANSFER

\$

WELL CONSTRUCTION

EXAM FEE

\$

0219

\$

0218 WELL DRILL CONSTRUCTOR

0220

\$

LANDOWNER'S PERMIT

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 _____

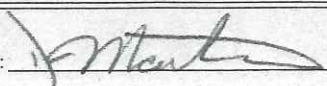
OBJ. CODE _____ VENDOR # _____

DESCRIPTION _____

\$

RECEIPT: **111365**

DATED: **3-13-14**

BY: 

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **109363**

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

INVOICE # _____

RECEIVED FROM: Department of State Lands

BY: _____

APPLICATION	see below
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 3227268 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 9,600.00

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	G 17705 - \$2650.00	\$	
0410 RESEARCH FEES	G 17706 - \$2650.00	\$	
0408 MISC REVENUE: (IDENTIFY)	G 17707 - \$2150.00	\$	
TC162 DEPOSIT LIAB. (IDENTIFY)	G 17708 - \$2150.00	\$	
0240 EXTENSION OF TIME		\$	
WATER RIGHTS:		EXAM FEE	RECORD FEE
0201 SURFACE WATER		\$	0202 \$
0203 GROUND WATER		\$ 8200.00	0204 \$ 1400.00
0205 TRANSFER		\$	
WELL CONSTRUCTION		EXAM FEE	LICENSE FEE
0218 WELL DRILL CONSTRUCTOR		\$	0219 \$
LANDOWNER'S PERMIT			0220 \$
OTHER (IDENTIFY) _____			

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #	
0210 MONITORING WELLS	\$	CARD #	
OTHER (IDENTIFY) _____			

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)	\$
0231 HYDRO LICENSE FEE (FW/WRD)	\$
HYDRO APPLICATION	\$

TREASURY OTHER / RDX

FUND _____	TITLE _____
OBJ. CODE _____	VENDOR # _____
DESCRIPTION _____	\$

RECEIPT: **109363**

DATED: 7-19-13 BY: B Williamson

**RECEIVED
OVER THE COUNTER**

WATER RESOURCES DEPARTMENT

RECEIPT # 109711

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

INVOICE # _____

RECEIVED FROM: Dept. State Lands

APPLICATION	<u>see below</u>
PERMIT	
TRANSFER	

BY: _____

CASH: ☐ CHECK: # 123263503 OTHER: (IDENTIFY) ☐TOTAL REC'D \$ 3300.00**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	<u>G-17679 - \$600.00 (\$300.00 exam + \$300.00 record)</u>	\$
0407 COPY & TAPE FEES	<u>G-17698 - \$300.00</u>	\$
0410 RESEARCH FEES	<u>G-17705 - \$900.00</u>	\$
0408 MISC REVENUE: (IDENTIFY)	<u>G-17706 - \$900.00</u>	\$
TC162 DEPOSIT LIAB. (IDENTIFY)	<u>G-17707 - \$300.00</u>	\$
0240 EXTENSION OF TIME	<u>G-17708 - \$300.00</u>	\$

WATER RIGHTS:

0201 SURFACE WATER	<u>46111</u>	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER		\$		\$
0205 TRANSFER		\$ <u>3,000.00</u>	0204	\$ <u>300.00</u>

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: 109711

DATED: 8.22.13 BY: B. Williamson

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

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 G-17679 - \$600.00 (\$300.00 exam + \$300.00 record)
 0410 RESEARCH FEES G-17698 - \$300.00
 0408 MISC REVENUE: (IDENTIFY) G-17705 - \$900.00
 TC162 DEPOSIT LIAB. (IDENTIFY) G-17706 - \$900.00
 0240 EXTENSION OF TIME G-17707 - \$300.00
 G-17708 - \$300.00

WATER RIGHTS:
 0201 SURFACE WATER 46111
 0203 GROUND WATER
 0205 TRANSFER
 WELL CONSTRUCTION
 0218 WELL DRILL CONSTRUCTOR
 LANDOWNER'S PERMIT
 OTHER (IDENTIFY)

EXAM FEE		RECORD FEE
\$	0202	\$
\$3,000.00	0204	\$300.00
EXAM FEE		LICENSE FEE
\$	0219	\$
	0220	\$

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$
 0210 MONITORING WELLS \$
 OTHER (IDENTIFY)

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: 109711 DATED: 8.22.13 BY: BJ Williamson
 Distribution - White Copy - Customer, Yellow Copy - Fiscal, Blue Copy - File, Buff Copy - Fiscal

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **109363**

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

INVOICE # _____

RECEIVED FROM: Department of State Lands
BY: _____

APPLICATION	<u>see below</u>
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 3227268 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 9,600.00

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 G 17705 - \$2650.00 \$ _____
0410 RESEARCH FEES G 17706 - \$2650.00 \$ _____
0408 MISC REVENUE: (IDENTIFY) G 17707 - \$2150.00 \$ _____
TC162 DEPOSIT LIAB. (IDENTIFY) G 17708 - \$2150.00 \$ _____
0240 EXTENSION OF TIME \$ _____

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$ <u>8200.00</u>	0204	\$ <u>1400.00</u>
0205 TRANSFER	\$ _____		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
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: **109363**

DATED: 7-19-13 BY: BW Williamson

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

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **111365**

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

INVOICE # _____

RECEIVED FROM: Department of State Lands

BY: _____

APPLICATION	G-17705
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 3484274 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 900.00

1083 TREASURY 4170 WRD MISC CASH ACCT

0407 COPIES \$ _____
OTHER: (IDENTIFY) \$ _____

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

4270 WRD OPERATING ACCT

MISCELLANEOUS 46111
0407 COPY & TAPE FEES \$ _____
0410 RESEARCH FEES \$ _____
0408 MISC REVENUE: (IDENTIFY) \$ _____
TC162 DEPOSIT LIAB. (IDENTIFY) \$ _____
0240 EXTENSION OF TIME \$ _____

WATER RIGHTS:	EXAM FEE		RECORD FEE
0201 SURFACE WATER	\$ _____	0202	\$ _____
0203 GROUND WATER	\$ <u>900.00</u>	0204	\$ _____
0205 TRANSFER	\$ _____		
WELL CONSTRUCTION	EXAM FEE		LICENSE FEE
0218 WELL DRILL CONSTRUCTOR	\$ _____	0219	\$ _____
LANDOWNER'S PERMIT		0220	\$ _____
OTHER (IDENTIFY) _____			

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE \$ _____ **CARD #** _____
0210 MONITORING WELLS \$ _____ **CARD #** _____
OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FWWRD) \$ _____
0231 HYDRO LICENSE FEE (FWWRD) \$ _____
HYDRO APPLICATION \$ _____

TREASURY OTHER / RDX

FUND _____ TITLE _____
OBJ. CODE _____ VENDOR # _____
DESCRIPTION _____ \$ _____

RECEIPT: **111365**

DATED: 3-13-14 BY: [Signature]

G 17708

Ex Fee 2350

Paid 2350 → 2150 Rec # 109363

300 Rec # 109711

Perm Rec 450

2450

Paid 100

-2350

Still Owed 350

100 → Perm Rec Fee

G 17707

Ex Fee 2350

Paid 2350 → 2150 Rec # 109363

300 Rec # 109711

Perm Rec 450

2450

Paid 100

-2350

Still Owed 350

100 → Perm Rec Fee

G 17706

Ex Fee 3550

Paid 3550 → 2650 Rec # 109363

900 Rec # 109711

Perm Rec 450

3550

Paid 0

Still Owed 450

G17705

Ex Fee 4450

Paid 4450 → 2650 Rec # 109363

900 Rec # 109711

Perm Rec 450

900 Rec # 111365

Paid 0

4450

Still Owed 450

IR CHECKLIST

Application #: G-17705 Applicant: DEPARTMENT OF STATE LANDS

Use(s): 347.8 IRRIGATION OF 285.2-ACRES Priority Date: July 19, 2013

✓ Requested Use/Rate/Season IR 347.8 AC @ 5.8 cfs 3/1 - 10/31 Limit 1/60 Duty

Allowed Use/Rate/Season IR 347.8 AC @ 5.8 cfs 3/1 - 10/31 Limit 1/60 Duty

✓ DIV 9 ☐ NA ☐ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☐ classify as surface water well 6 Wells has PSI with

GW conditions 7N, Special GW - ob well

✓ Conditions Lrg MRR

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF ☐ Medium > 0.1 CFS but < 0.5 CFS, > 9.2 AF but < 100 AF ☒ Large ≥ 0.5 CFS, ≥ 100 AF

use at least Medium for: Siltcoos Lake, stored water contract, and Sandy Basin ground water

use Large for: Tenmile Lake, NU or other temp control, and gov. entities; Large-7g, Large-7i for 7g/7i

use Large-TFM: HC exceptions; and if GW in South Salem Hills, or 10+ acres in Stage Gulch CGWA

✓ ORS 538 prohibits use ☐ No ☐ Yes (stop processing and return app and fees)

✓ Use is ☒ allowed ☐ not allowed ☐ limited ☐ OAR ☐ Compact

✓ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season

✓ SW availability ☒ NA ☐ 80% ☐ 50% WID:

☐ Use DWF's 6/21/05 non-standard W/A memo if the source is: trib to Drews Res, Snake R, Columbia R, North Umpqua R below Rock Cr, or within drainages of Lost R, Chehalem Cr, or Champoege Cr (including Mission Cr and Case Cr)

✓ DIVISION 33 ☒ NA ☐ No ☐ above Bonneville, and ☐ not allowed 4/15 - 9/30
☐ below Bonneville
☐ statewide

✓ SWW ☒ NA ☐ above ☐ within (If GW and interference, copy form for Stahr.)

✓ Use is within a high priority area for streamflow restoration ☒ NA ☐ No ☐ Yes

✓ POU conflict ☐ NA ☐ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate

☒ Yes w/ Cert 63579 0.3 NENW sec 14
0.2 SENW 235325

✓ Use is supplemental, checked for primary rights w/ diff source ☒ NA ☐ Yes limits

✓ App w/in a District boundary per http://apps.wrd.state.or.us/apps/gis/wr_irrigation/ ☒ No ☐ Yes, cc:

✓ Land use ☒ approved ☐ not approved ☐ being pursued ☐ not being pursued ☐ county notified ☐ NA

✓ MU or QM ☒ NA ☐ will complete construction within 20 years
☐ Fujii reviewed recommendations

✓ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained

✓ POD is within North Umpqua settlement reach and the spreadsheet was updated ☒ NA ☐ Yes

✓ Forms ☒ NA ☐ HC except ☐ spring description other

IR CHECKLIST

4 proposed wells

Application #: G-17706 Applicant: DEPARTMENT OF STATE LANDS

Use(s): IRRIGATION OF 250.4 ACRES Priority Date: July 19, 2013

✓ Requested Use/Rate/Season IR 250.4 AC 4.17 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

Allowed Use/Rate/Season IR 250.4 AC 4.17 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

✓ DIV 9 ☐ NA ☐ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☐ classify as surface water well _____ has PSI with _____

GW conditions 7N

✓ Conditions _____

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF ☐ Medium > 0.1 CFS but < 0.5 CFS, > 9.2 AF but < 100 AF ☒ Large ≥ 0.5 CFS, ≥ 100 AF

use at least Medium for: Siltcoos Lake, stored water contract, and Sandy Basin ground water

use Large for: Tenmile Lake, NU or other temp control, and gov. entities; Large-7g, Large-7i for 7g/7i

use Large-TFM: HC exceptions; and if GW in South Salem Hills, or 10+ acres in Stage Gulch CGWA

✓ ORS 538 prohibits use ☒ No ☐ Yes (stop processing and return app and fees)

✓ Use is ☒ allowed ☐ not allowed ☐ limited ☒ OAR ☐ Compact _____

✓ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season _____

✓ SW availability ☒ NA ☐ 80% ☐ 50% _____ WID: _____

☐ Use DWF's 6/21/05 non-standard W/A memo if the source is: trib to Drews Res, Snake R, Columbia R, North Umpqua R below Rock Cr, or within drainages of Lost R, Chehalem Cr, or Champoege Cr (including Mission Cr and Case Cr)

✓ DIVISION 33 ☒ NA ☐ No ☐ above Bonneville, and ☐ not allowed 4/15 - 9/30
☐ below Bonneville
☐ statewide

✓ SWW ☒ NA ☐ above ☐ within _____ (If GW and interference, copy form for Stahr.)

✓ Use is within a high priority area for streamflow restoration ☒ NA ☐ No ☐ Yes

✓ POU conflict ☐ NA ☒ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate

☐ Yes _____

✓ Use is supplemental, checked for primary rights w/ diff source ☒ NA ☐ Yes limits _____

✓ App w/in a District boundary per http://apps.wrd.state.or.us/apps/gis/wr_irrigation/ ☒ No ☐ Yes, cc: _____

✓ Land use ☒ approved ☐ not approved ☐ being pursued ☐ not being pursued ☐ county notified ☐ NA

✓ MU or QM ☒ NA ☐ will complete construction within 20 years
☐ Fujii reviewed recommendations _____

✓ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained _____

✓ POD is within North Umpqua settlement reach and the spreadsheet was updated ☒ NA ☐ Yes

✓ Forms ☒ NA ☐ HC except ☐ spring description other _____

IR CHECKLIST

G-17707
2 proposed wells

Application #: G-17707 Applicant: DEPARTMENT OF STATE LANDS

Use(s): IRRIGATION OF 125.2 ACRES Priority Date: July 19, 2013

✓ Requested Use/Rate/Season IR 125.2 AC 2.09 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

Allowed Use/Rate/Season IR 125.2 AC 2.09 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

✓ DIV 9 ☐ NA ☐ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☐ classify as surface water well _____ has PSI with _____

GW conditions 7 N

✓ Conditions _____

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF ☐ Medium > 0.1 CFS but < 0.5 CFS, > 9.2 AF but < 100 AF ☒ Large ≥ 0.5 CFS, ≥ 100 AF

use at least Medium for: Siltcoos Lake, stored water contract, and Sandy Basin ground water

use Large for: Tenmile Lake, NU or other temp control, and gov. entities; Large-7g, Large-7i for 7g/7i

use Large-TFM: HC exceptions; and if GW in South Salem Hills, or 10+ acres in Stage Gulch CGWA

✓ ORS 538 prohibits use ☒ No ☐ Yes (stop processing and return app and fees)

✓ Use is ☒ allowed ☐ not allowed ☐ limited ☒ OAR ☐ Compact _____

✓ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season _____

✓ SW availability ☒ NA ☐ 80% ☐ 50% _____ WID: _____

☐ Use DWF's 6/21/05 non-standard W/A memo if the source is: trib to Drews Res, Snake R, Columbia R, North Umpqua R below Rock Cr, or within drainages of Lost R, Chehalem Cr, or Champoege Cr (including Mission Cr and Case Cr)

✓ DIVISION 33 ☒ NA ☐ No ☐ above Bonneville, and ☐ not allowed 4/15 - 9/30
☐ below Bonneville
☐ statewide

✓ SWW ☒ NA ☐ above ☐ within _____ (If GW and interference, copy form for Stahr.)

✓ Use is within a high priority area for streamflow restoration ☒ NA ☐ No ☐ Yes

✓ POU conflict ☒ NA ☐ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate
☐ Yes _____

✓ Use is supplemental, checked for primary rights w/ diff source ☒ NA ☐ Yes limits _____

✓ App w/in a District boundary per http://apps.wrd.state.or.us/apps/gis/wr_irrigation/ ☒ No ☐ Yes, cc: _____

✓ Land use ☒ approved ☐ not approved ☐ being pursued ☐ not being pursued ☐ county notified ☐ NA

✓ MU or QM ☒ NA ☐ will complete construction within 20 years
☐ Fujii reviewed recommendations _____

✓ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained _____

✓ POD is within North Umpqua settlement reach and the spreadsheet was updated ☒ NA ☐ Yes

✓ Forms ☒ NA ☐ HC except ☐ spring description other _____

IR CHECKLIST

G-17708
2 proposed wells

Application #: G-17708 Applicant: DEPARTMENT OF STATE LANDS

Use(s): IRRIGATION OF 125.2 ACRES Priority Date: July 19, 2013

✓ Requested Use/Rate/Season 1R 125.2 AC 2.09 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

Allowed Use/Rate/Season 1R 125.2 AC 2.09 cfs 3/1 - 10/31 Limit 1/60 Duty 3.0

✓ DIV 9 ☐ NA ☐ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☐ classify as surface water well _____ has PSI with _____

GW conditions TV

✓ Conditions _____

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF ☐ Medium > 0.1 CFS but < 0.5 CFS, > 9.2 AF but < 100 AF ☒ Large ≥ 0.5 CFS, ≥ 100 AF

use at least Medium for: Siltcoos Lake, stored water contract, and Sandy Basin ground water

use Large for: Tenmile Lake, NU or other temp control, and gov. entities; Large-7g, Large-7i for 7g/7i

use Large-TFM: HC exceptions; and if GW in South Salem Hills, or 10+ acres in Stage Gulch CGWA

✓ ORS 538 prohibits use ☒ No ☐ Yes (stop processing and return app and fees)

✓ Use is ☒ allowed ☐ not allowed ☐ limited ☒ OAR ☐ Compact _____

✓ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season _____

✓ SW availability ☒ NA ☐ 80% ☐ 50% _____ WID: _____

☐ Use DWF's 6/21/05 non-standard W/A memo if the source is: trib to Drews Res, Snake R, Columbia R, North Umpqua R below Rock Cr, or within drainages of Lost R, Chehalem Cr, or Champoege Cr (including Mission Cr and Case Cr)

✓ DIVISION 33 ☒ NA ☐ No ☐ above Bonneville, and ☐ not allowed 4/15 - 9/30
☐ below Bonneville
☐ statewide

✓ SWW ☒ NA ☐ above ☐ within _____ (If GW and interference, copy form for Stahr.)

✓ Use is within a high priority area for streamflow restoration ☒ NA ☐ No ☐ Yes

✓ POU conflict ☒ NA ☐ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate

☐ Yes _____

✓ Use is supplemental, checked for primary rights w/ diff source ☒ NA ☐ Yes limits _____

✓ App w/in a District boundary per http://apps.wrd.state.or.us/apps/gis/wr_irrigation/ ☒ No ☐ Yes, cc: _____

✓ Land use ☒ approved ☐ not approved ☐ being pursued ☐ not being pursued ☐ county notified ☐ NA

✓ MU or QM ☒ NA ☐ will complete construction within 20 years
☐ Fujii reviewed recommendations _____

✓ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained _____

✓ POD is within North Umpqua settlement reach and the spreadsheet was updated ☒ NA ☐ Yes

Forms ☐ NA ☐ HC except ☐ spring description other _____

ROHLING Mary F

From: ZUMWALT Shawn <shawn.zumwalt@state.or.us>
Sent: Monday, February 24, 2014 8:17 AM
To: ROHLING Mary F
Cc: ROHLING Mary F
Subject: RE: G-17705

Ok thank you Mary. I will have a check sent ASAP.

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

From: ROHLING Mary F [<mailto:mary.f.rohling@state.or.us>]
Sent: Monday, February 24, 2014 8:13 AM
To: ZUMWALT Shawn
Cc: ROHLING Mary F
Subject: RE: G-17705

Hi Shawn,

I checked on your question of payment type and find that we cannot accept payment by credit card for the needed services. Please give me a call if you have any additional questions.

Mary

From: ZUMWALT Shawn [<mailto:shawn.zumwalt@state.or.us>]
Sent: Monday, February 24, 2014 7:58 AM
To: ROHLING Mary F
Cc: ROHLING Mary F
Subject: RE: G-17705

Hi Mary,

Yes we will want to increase the rate with the additional acreage. Thank you for catching that, and I will get a check cut for that ASAP.

Sincerely,

Shawn

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

Thanks so much for your attention to this item.

Enjoy your weekend,

Mary

Mary Rohling | Water Right Application Caseworker

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

Ph: 503.986.0859 | Fax: 503.986.0901

Email: mary.f.rohling@state.or.us | Web: <http://www.wrd.state.or.us>

Kerry Kavanagh

From: ZUMWALT Shawn <shawn.zumwalt@state.or.us>
Sent: Thursday, August 08, 2013 3:46 PM
To: KAVANAGH Kerry L
Cc: KAVANAGH Kerry L; ROHLING Mary F; ZWART Mike J
Subject: RE: 6 groundwater applications for Department of State Lands - Applications G-17679, G-17698, G-17705, G-17706, G-17707, and G-17708

Kerry,

Thank you very much for the email response. I would like to clarify each application that you responded to below. I want to increase the quantity of water as you have identified in each application below to be 1/60th CFS/ac and allow the maximum rate from any combination of proposed well for each application. DSL will be submitting payment for the additional \$3,000.00 in the coming days, likely by late next week.

Thanks again, let me know if you need more clarification from me in order to continue this review.

Sincerely,

Shawn P. Zumwalt

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

From: Kerry Kavanagh [mailto:kerry.l.kavanagh@state.or.us]
Sent: Thursday, August 08, 2013 3:23 PM
To: ZUMWALT Shawn
Cc: KAVANAGH Kerry L; ROHLING Mary F; ZWART Mike J
Subject: 6 groundwater applications for Department of State Lands - Applications G-17679, G-17698, G-17705, G-17706, G-17707, and G-17708

Hi Shawn,

As we discussed in our telephone conversation earlier today, you may "clarify" the quantities of water you propose under each of the six applications because WRD has not yet completed the Initial Review. I understand that after discussions with Mike Zwart, that DSL would like to propose a limit of 1/60 CFS per acre to be irrigated and allow the maximum rate from any combination of proposed wells for these 6 applications.

Please see the list below for details regarding each application. Please note that the fee for additional water beyond the first CFS is \$300 for each additional CFS or fraction.

Application G-17679:

- Link to WRIS: http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_folder_image.aspx?snp_id=176253
- Proposed 4 wells (based on application map)
- Proposed irrigation of 187.6 acres
- Limit of 1/60 CFS per acre: 187.6 acres * 1/60 CFS/ac = 3.13 CFS

As you know, I will be on vacation starting tomorrow – and will back in the office on 8-21-13. If you have any questions in the interim, please contact Mary Rohling at 503-986-0859 (thanks Mary for your assistance!)

Kerry

Kerry Kavanagh
Water Rights Caseworker
(503) 986-0816

Oregon Water Resources Dept
725 Summer St NE, Suite A
Salem, OR 97301-1266
front desk (503) 986-0900
fax (503) 986-0901
<http://oregon.gov/OWRD>

Messages to and from this e-mail address may be available to the public under Oregon law.

From: ZUMWALT Shawn [<mailto:shawn.zumwalt@state.or.us>]
Sent: Thursday, August 08, 2013 9:47 AM
To: KAVANAGH Kerry L
Subject: Application amendments

Hi Kerry,

I also left you a voicemail regarding this matter... I would like to make some needed changes to the water right applications submitted on behalf of the Oregon Department of State Lands (DSL). I have attached the pages that need to be changed to clear up any confusion on the application submitted originally showing that we in fact applied for four wells not five- as the map correctly identified in the original application. Additionally for the well specific rates I would like to increase the request from 800GPM to 1400GPM, in fact along with application G-17679, I would like to make that change for all of the Department of State Lands applications if possible, which are Application #'s G-176988, G-17705, G-17706, G-17707, G-17708, and you will be receiving an application shortly for our Nine mile slough property located at Township 24 South, Range 32.5, Section 05 that I would also like to have the well specific rates at 1400GPM.

Please let me know if this email is sufficient for those changes to be made or if I need to submit anything else to get those changes made. I have been newly assigned to apply for these water rights without much direction other than what a potential lessee identified in the original application he gave us for App G-17679, after speaking with Mike Zwart I feel a need to adjust the requested well specific rates for our potential well locations.

Thank you,

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

Kerry Kavanagh

From: Kerry Kavanagh
Sent: Thursday, August 08, 2013 3:23 PM
To: ZUMWALT Shawn
Cc: Mike Zwart; Kerry Kavanagh; Mary Rohling
Subject: 6 groundwater applications for Department of State Lands - Applications G-17679, G-17698, G-17705, G-17706, G-17707, and G-17708

Hi Shawn,

As we discussed in our telephone conversation earlier today, you may "clarify" the quantities of water you propose under each of the six applications because WRD has not yet completed the Initial Review. I understand that after discussions with Mike Zwart, that DSL would like to propose a limit of 1/60 CFS per acre to be irrigated and allow the maximum rate from any combination of proposed wells for these 6 applications.

Please see the list below for details regarding each application. Please note that the fee for additional water beyond the first CFS is \$300 for each additional CFS or fraction.

Application G-17679:

- Link to WRIS: http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_folder_image.aspx?snp_id=176253
- Proposed 4 wells (based on application map)
- Proposed irrigation of 187.6 acres
- Limit of 1/60 CFS per acre: $187.6 \text{ acres} * 1/60 \text{ CFS/ac} = 3.13 \text{ CFS}$
- You paid \$2650 which accounted for up to 3.0 CFS and 4 wells
- If you would like to increase the rate to 3.13 CFS, you will need to pay an additional \$300 in exam fees.

Application G-17698:

- Link to WRIS: http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_folder_image.aspx?snp_id=176528
- Proposed 3 wells
- Proposed irrigation of 125.2 acres
- Limit of 1/60 CFS per acre: $125.2 \text{ acres} * 1/60 \text{ CFS/ac} = 2.09 \text{ CFS}$
- You paid \$2400 which accounted for up to 2.0 CFS and 3 wells
- If you would like to increase the rate to 2.09 CFS, you will need to pay an additional \$300 in exam fees.

Application G-17705:

- Link to WRIS: http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_folder_image.aspx?snp_id=176593
- Proposed 4 wells
- Proposed irrigation of 285.2 acres
- Limit of 1/60 CFS per acre: $285.2 \text{ acres} * 1/60 \text{ CFS/ac} = 4.75 \text{ CFS}$
- You paid \$2650 which accounted for up to 2.0 CFS and 4 wells
- If you would like to increase the rate to 4.75 CFS, you will need to pay an additional \$900 (3 add'l CFS not already paid for * 3) in exam fees.

Application G-17706:

- Link to WRIS: http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_folder_image.aspx?snp_id=176594
- Proposed 4 wells
- Proposed irrigation of 250.4 acres
- Limit of 1/60 CFS per acre: $250.4 \text{ acres} * 1/60 \text{ CFS/ac} = 4.17 \text{ CFS}$
- You paid \$2650 which accounted for up to 2.0 CFS and 4 wells

I also left you a voicemail regarding this matter... I would like to make some needed changes to the water right applications submitted on behalf of the Oregon Department of State Lands (DSL). I have attached the pages that need to be changed to clear up any confusion on the application submitted originally showing that we in fact applied for four wells not five- as the map correctly identified in the original application. Additionally for the well specific rates I would like to increase the request from 800GPM to 1400GPM, in fact along with application G-17679, I would like to make that change for all of the Department of State Lands applications if possible, which are Application #'s G-176988, G-17705, G-17706, G-17707, G-17708, and you will be receiving an application shortly for our Nine mile slough property located at Township 24 South, Range 32.5, Section 05 that I would also like to have the well specific rates at 1400GPM.

Please let me know if this email is sufficient for those changes to be made or if I need to submit anything else to get those changes made. I have been newly assigned to apply for these water rights without much direction other than what a potential lessee identified in the original application he gave us for App G-17679, after speaking with Mike Zwart I feel a need to adjust the requested well specific rates for our potential well locations.

Thank you,

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

Kerry Kavanagh

From: ZUMWALT Shawn <shawn.zumwalt@state.or.us>
Sent: Thursday, August 08, 2013 9:47 AM
To: KAVANAGH Kerry L
Subject: Application amendments
Attachments: App Amendment to App G-17679.pdf

Hi Kerry,

I also left you a voicemail regarding this matter... I would like to make some needed changes to the water right applications submitted on behalf of the Oregon Department of State Lands (DSL). I have attached the pages that need to be changed to clear up any confusion on the application submitted originally showing that we in fact applied for four wells not five- as the map correctly identified in the original application. Additionally for the well specific rates I would like to increase the request from 800GPM to 1400GPM, in fact along with application G-17679, I would like to make that change for all of the Department of State Lands applications if possible, which are Application #'s G-176988, G-17705, G-17706, G-17707, G-17708, and you will be receiving an application shortly for our Nine mile slough property located at Township 24 South, Range 32.5, Section 05 that I would also like to have the well specific rates at 1400GPM.

Please let me know if this email is sufficient for those changes to be made or if I need to submit anything else to get those changes made. I have been newly assigned to apply for these water rights without much direction other than what a potential lessee identified in the original application he gave us for App G-17679, after speaking with Mike Zwart I feel a need to adjust the requested well specific rates for our potential well locations.

Thank you,

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

Kerry Kavanagh

From: ZUMWALT Shawn <shawn.zumwalt@state.or.us>
Sent: Monday, July 29, 2013 9:48 AM
To: KAVANAGH Kerry L
Subject: Water Rights Legal Descriptions
Attachments: Wrights Point.docx; Poison Creek Slough.docx; Island Ranch.docx; Carson Point.docx

Hi Kerry,

I apologize for the delay on getting you the legal descriptions for these. If you need more information please contact me as soon as convenient for you and I will get any information you may need.

Thanks again,

Shawn

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

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JUL 29 2013

**WATER RESOURCES DEPT
SALEM, OREGON**

Application for a Permit to Use Ground Water



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME DEPARTMENT OF STATE LANDS			PHONE (HM) 541-388-6033
PHONE (WK) 541-388-6033	CELL 541-480-1032		FAX 541-388-6480
ADDRESS 1645 NE FORBES ROAD SUITE 112			
CITY BEND	STATE OR	ZIP 97701	E-MAIL* SHAWN.ZUMWALT@STATE.OR.US

Organization Information

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

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

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

Note: Attach multiple copies as needed

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

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JAN 28 2014

**WATER RESOURCES DEPT
SALEM, OREGON**

By my signature below I confirm that I understand:

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

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

Applicant Signature

Print Name and title if applicable

Date

Applicant Signature

Print Name and title if applicable

Date

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

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WATER RESOURCES DEPT
SALEM, OREGON

SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: _____

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

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. *(If a well log is available, please submit it in addition to completing the table.)* If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
1	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
2	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
3	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
4	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
5	X	☐		☐	14"-20"	100'		26'	125'		300'	800	
6	X	☐		☐	14"-20"	100'		26'	125'		300'	800	

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

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

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

Use(s): _____

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

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

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

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

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: Spring 2014

Date construction will be completed: Summer 2014

Date beneficial water use will begin: Summer 2014

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**WATER RESOURCES DEPT
SALEM, OREGON**

SECTION 9: WITHIN A DISTRICT

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

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

Land Use Information Form



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

Applicant: Department of State Lands
First

Last

Mailing Address: 1645 NE Forbs Road Suite 112

Bend

City

OR

State

97701
Zip

Daytime Phone: 541-388-6456

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JAN 28 2014

**WATER RESOURCES DEPT
SALEM, OREGON**

A. Land and Location

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

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
23S	32E	10	NWSE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	SWSE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	NESE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	SESE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	NENE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	SENE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	14	NWNW	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR
23S	32E	14	SWNW	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR
23S	32E	14	NENW	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR
23S	32E	14	SENW	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR

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

Harney County

B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 1043.40 ☐ cubic feet per second ☐ gallons per minute ☒ acre-feet

Intended use of water:
 ☒ Irrigation
 ☐ Commercial
 ☐ Industrial
 ☐ Domestic for _____ household(s)

 ☐ Municipal
 ☐ Quasi-Municipal
 ☐ Instream
 ☐ Other _____

Briefly describe:

Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

Date _____

(For staff use only)



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

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

- ☐ SECTION 1: _____
- ☐ SECTION 2: _____
- ☐ SECTION 3: _____
- ☐ SECTION 4: _____
- ☐ SECTION 5: _____
- ☐ SECTION 6: _____
- ☐ SECTION 7: _____
- ☐ SECTION 8: _____
- ☐ SECTION 9: _____
- ☐ Land Use Information Form _____
- ☐ Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
- ☐ Fees _____

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JAN 28 2014

**WATER RESOURCES DEPT
SALEM, OREGON**

MAP

- ☐ Permanent quality and drawn in ink
- ☐ Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
- ☐ North Directional Symbol
- ☐ Township, Range, Section, Quarter/Quarter, Tax Lots
- ☐ Reference corner on map
- ☐ Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/or number.
- ☐ Indicate the area of use by Quarter/Quarter and tax lot clearly identified

All state-owned lands in the SE ¼ of Section 10 and NW ¼ of Section 14
Township 23 South, Range 32 East, Willamette Meridian, Harney County,
Oregon, more particularly described as follows:

The SE ¼ of Section 10 and the NW ¼ of Section 14 all in Tax Lot 1700 in
Township twenty four (23) south, Range thirty two (32) East, W.M. Containing
320 acres

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JUL 29 2013

WATER RESOURCES DEPT
SALEM, OREGON

Poison Creek Slough.doc
G-17705

Minimum Requirements Checklist

Minimum Requirements (OAR 690-310-0040, OAR 690-310-0050 & ORS 537.615)

Include this checklist with the application

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

- ☒ SECTION 1: applicant information and signature
- ☒ SECTION 2: property ownership
- ☒ SECTION 3: well development
- ☒ SECTION 4: water use
- ☒ SECTION 5: water management
- ☒ SECTION 6: storage of groundwater in a reservoir
- ☒ SECTION 7: use of stored groundwater from the reservoir
- ☒ SECTION 8: project schedule
- ☒ SECTION 9: within a district
- ☒ SECTION 10: remarks

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JAN 28 2014

**WATER RESOURCES DEPT
SALEM, OREGON**

Attachments:

- ☒ Land Use Information Form with approval and signature (*must be an original*) or signed receipt
- ☒ Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map. Example: A copy of the deed, land sales contract or title insurance policy.
- ☒ Fees - Amount enclosed: \$2,650
See the Department's Fee Schedule at www.oregon.gov/owrd or call (503) 986-0900.

Provide a map and check that each of the following items is included:

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

ROHLING Mary F

From: ZUMWALT Shawn <shawn.zumwalt@state.or.us>
Sent: Tuesday, January 28, 2014 11:57 AM
To: ROHLING Mary F
Subject: Water Right Application Changes for application G-17705
Attachments: Water right application-Resubmittal.doc; Poison Creek Slough II.pdf

Hi Mary,

As I told you last week here is the changes I would like to submit for our water right application G-17705. Please let me know if need to do anything else, as I am sure I will need to submit more money, please let me know how much.

Thank you,

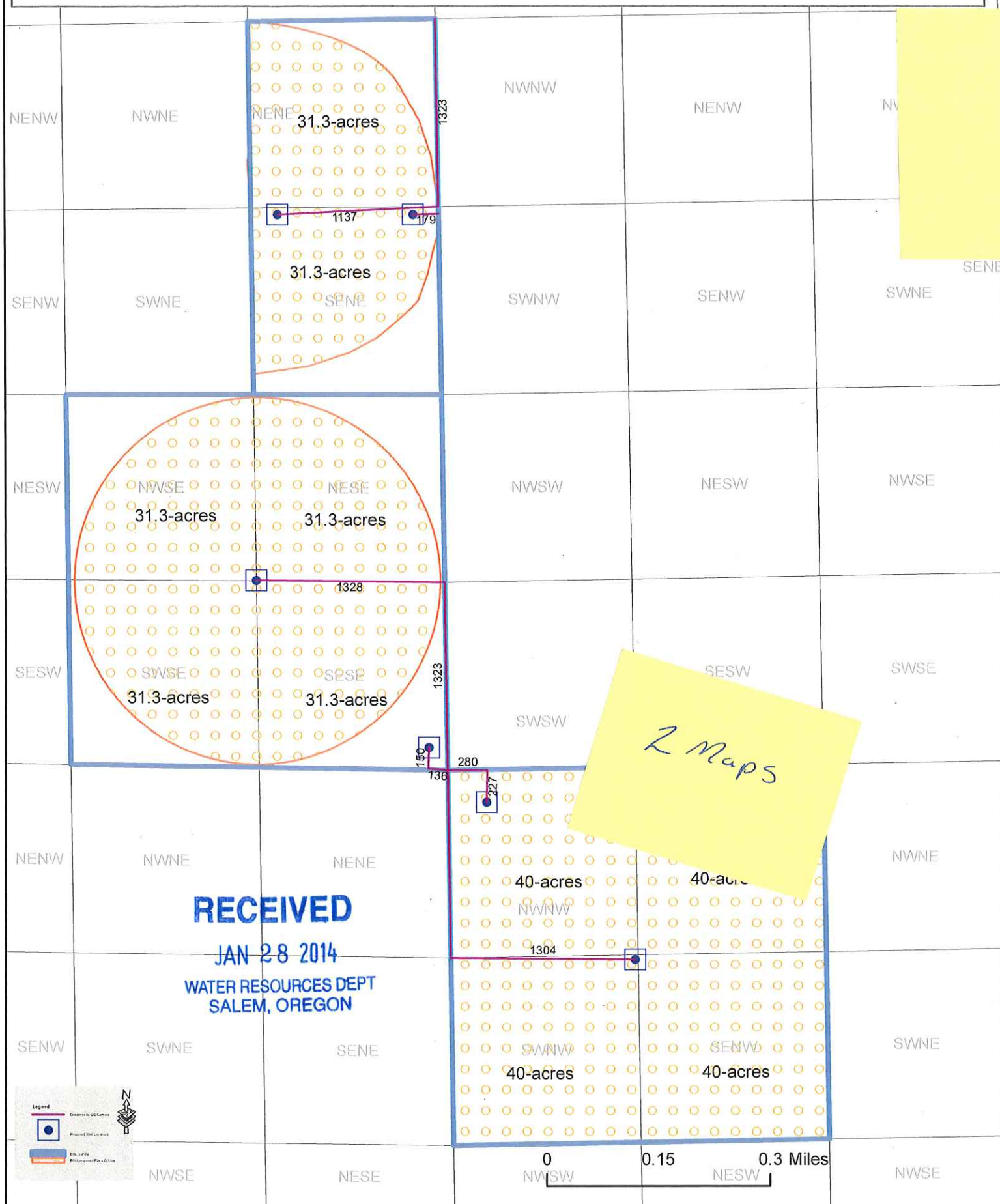
Shawn

Shawn P. Zumwalt
Land Manager
Land Management Division
Eastern Region
Ph. 541-388-6033

Oregon Department of State Lands Water Right Application

Sections 10 and 14 Township 23S. Range 32E

Harney County, Oregon



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JAN 28 2014

**WATER RESOURCES DEPT
SALEM, OREGON**

Legend

- Extends to US Corner
- Proposed Well Location
- ESL Land
- Proposed Well Location

0 0.15 0.3 Miles

Application for a Permit to Use Ground Water



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME DEPARTMENT OF STATE LANDS		PHONE (HM) 541-388-6033	
PHONE (WK) 541-388-6033	CELL 541-480-1032	FAX 541-388-6480	
ADDRESS 1645 NE FORBES ROAD SUITE 112			
CITY BEND	STATE OR	ZIP 97701	E-MAIL* SHAWN.ZUMWALT@STATE.OR.US

Organization Information

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

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

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

Note: Attach multiple copies as needed

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

By my signature below I confirm that I understand:

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

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

Nancy R. Quackenbush
Applicant Signature

Nancy R. Quackenbush
LM - Eastern Region Mgr
Print Name and title if applicable

07/09/13
Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use		
App. No. <i>G-17705</i>	Permit No. _____	Date _____

SECTION 3: WELL DEVELOPMENT, CONTINUED

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WATER RESOURCES DEPT
SALEM, OREGON

Source (aquifer), if known: _____

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

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

G-17705

OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL- SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
1	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
2	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
3	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
4	x	☐		☐	14"-20"	100'		26'	125'		300'	800	
	☐	☐		☐									
	☐	☐		☐									

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

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

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

Reservoir name: _____ Acreage inundated by reservoir: _____

Use(s): _____

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

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

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

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

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: Spring 2014

Date construction will be completed: Summer 2014

Date beneficial water use will begin: Summer 2014

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JUL 19 2013
WATER RESOURCES DEPT
SALEM, OREGON

SECTION 9: WITHIN A DISTRICT

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

Irrigation District Name	Address	
City	State	Zip

SECTION 10: REMARKS

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

Land Use Information Form



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

Applicant: Department of State Lands

First

Last

Mailing Address: 1645 NE Forbs Road Suite 112

Bend

City

OR

State

97701

Zip

Daytime Phone: 541-388-6456

A. Land and Location

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

Township	Range	Section	¼ ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
23S	32E	10	NWSE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	SWSE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	NESE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	10	SESE	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	Irr
23S	32E	14	NWN W	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR
23S	32E	14	SWN W	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR
23S	32E	14	NENW	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR
23S	32E	14	SENW	1700	EFRU-1	☒ Diverted	☒ Conveyed	☒ Used	IRR

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

Harney County

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WATER RESOURCES DEPT
SALEM, OREGON

B. Description of Proposed Use

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

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

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

Estimated quantity of water needed: 855.6 ☐ cubic feet per second ☐ gallons per minute ☒ acre-feet

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

Briefly describe:

1 Pivot 100 HP Turbine Pump/ 3acre feet per acre at 125.2 acres for 375.6 acre-feet per year. Flood irrigation 100HP Turbine Pump/3acre feet at 160-acres for 480 acre-feet per year for a total of 855.6 acre feet per year.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____ Staff contact: _____

Signature: _____ Phone: _____ Date: _____

Date _____

(For staff use only)



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

WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

- ☐ SECTION 1: _____
- ☐ SECTION 2: _____
- ☐ SECTION 3: _____
- ☐ SECTION 4: _____
- ☐ SECTION 5: _____
- ☐ SECTION 6: _____
- ☐ SECTION 7: _____
- ☐ SECTION 8: _____
- ☐ SECTION 9: _____
- ☐ Land Use Information Form _____
- ☐ Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
- ☐ Fees _____

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JUL 19 2013

WATER RESOURCES DEPT
SALEM, OREGON

MAP

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

Application for a Permit to Use Ground Water



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

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JUL 19 2013

WATER RESOURCES DEPT
SALEM, OREGON

Water-Use Permit Application Processing

1. Completeness Determination

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

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

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

4. Proposed Final Order Issued

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

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$300.00 for the applicant and \$600.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

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

Superseded

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JUL 19 2013

WATER RESOURCES DEPT
SALEM, OREGON

Oregon Department of State Lands Water Right Application

Sections 10 and 14 Township 23S. Range 32E

Harney County, Oregon



G-7705

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **109363**

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

INVOICE # _____

RECEIVED FROM: Department of State Lands

APPLICATION	<u>see below</u>
PERMIT	
TRANSFER	

BY: _____

CASH: ☐ CHECK: # 3227268 OTHER: (IDENTIFY) _____

TOTAL REC'D \$ 9,600.00

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	G 17705 - \$2650.00	\$	
0410 RESEARCH FEES	G 17706 - \$2650.00	\$	
0408 MISC REVENUE: (IDENTIFY)	G 17707 - \$2150.00	\$	
TC162 DEPOSIT LIAB. (IDENTIFY)	G 17708 - \$2150.00	\$	
0240 EXTENSION OF TIME		\$	
WATER RIGHTS:		EXAM FEE	RECORD FEE
0201 SURFACE WATER		\$	0202 \$
0203 GROUND WATER		\$ 8200.00	0204 \$ 1400.00
0205 TRANSFER		\$	
WELL CONSTRUCTION		EXAM FEE	LICENSE FEE
0218 WELL DRILL CONSTRUCTOR		\$	0219 \$
LANDOWNER'S PERMIT			0220 \$
OTHER (IDENTIFY) _____			

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE	\$	CARD #	
0210 MONITORING WELLS	\$	CARD #	
OTHER (IDENTIFY) _____			

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)	\$
0231 HYDRO LICENSE FEE (FW/WRD)	\$
HYDRO APPLICATION	\$

TREASURY OTHER / RDX

FUND _____	TITLE _____
OBJ. CODE _____	VENDOR # _____
DESCRIPTION _____	\$ _____

RECEIPT: **109363**

DATED: 7-19-13 BY: B. Williamson

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

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **111365** 725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172
(503) 986-0900 / (503) 986-0904 (fax)

INVOICE # _____

RECEIVED FROM: Department of State Lands

APPLICATION	G-17705
PERMIT	
TRANSFER	

BY: _____

CASH: ☐ CHECK: # ☒ 348427 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 900.00

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	\$ 900.00	0204	\$
0205 TRANSFER	\$		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE \$	0219	LICENSE FEE \$
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: **111365**

DATED: 3-13-14 BY: [Signature]

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

STATE OF OREGON REMITTANCE ADVICE

TO SIGN UP FOR DIRECT DEPOSIT PAYMENT SERVICE AND RECEIVE CONVENIENT, ELECTRONIC PAYMENTS, LOG IN TO [HTTP://WWW.OREGON.GOV/DAS/EGS/FBS/SFMS/PAGES/ACH.ASPX](http://www.oregon.gov/das/EGS/FBS/SFMS/PAGES/ACH.ASPX) ON THE INTERNET. CLICK ON FORMS AND BROCHURES. THEN SELECT DIRECT DEPOSIT (ACH) AUTHORIZATION FORM.

WARRANT NO.
123484274

DEPARTMENT OF STATE LANDS

(503) 986-5304 EXT.

INVOICE NO.	INVOICE DATE	INVOICE DESCRIPTION	AGY	DOCUMENT	AMOUNT
R 10654		INCREASE IN RATE	141	VP067583	900.00

RECEIVED BY QWRD

hered - Laserfiche.

10654



Oregon Department State Lands
775 Summer St. NE • Suite 100
Salem, OR 97301-1279
www.oregonstateland.us

☐ PURCHASE REQUISITION ☒ CHECK REQUEST
☐ Mail ☒ Return to Agency

Questions? Call Purchasing ext. 254 or 258
E-mail: purchasing@dsl.state.or.us

Vendor Oregon Water Resources Dept. 725 SUMMER ST. NE, Suite A Salem, OR 97301-1266	Ship to: DEPT OF STATE LANDS EASTERN REGION 1645 NE FORBES RD STE 112 BEND OR 97701 Customer Account #
--	---

Item(s) requested (please be specific, i.e., stock number, complete name of item, size, style, color, etc.)	Quantity	Unit Price	Extended Price
Increase in rate for additional	1	\$300.00	\$300.00
acorage - and 2 additional	2	\$300.00	\$600.00
Points of diversion.			

Estimated Delivery Date: N/A

Justification:

Need to Increase the rate of appropriation for increased acreage applied for on water right application G-17705 as well as add two new points of diversion for the additional acreage

TOTAL \$900.00

Requested by Shawn Zumwalt	Date 02/25/14
Section LM	PCA (Cost Code) 66561-5650
Approved by Mary R. Juskent	Date 2/28/14
Approved By LRQ PR2 Request Mgr	

Is this item on a price agreement? ☐ yes ☒ no BPDAS #

RECEIVED BY OWRD

Has this order been placed verbally? ☐ yes ☒ no By whom? Date

MAR 13 2014

Does the vendor require a copy of the purchase requisition? ☐ yes ☒ no

Order received by whom? Order complete? ☐ yes ☒ no Date SALEM, OR

PLEASE ROUTE THE TOP 3 COPIES OF THIS FORM TO THE PURCHASING AGENT.

FISCAL OFFICE USE ONLY:		☐ Emailed order
Web purchase? ☐ yes ☒ no		☐ Phoned in
☐ VISA charge		☐ Faxed in
☐ Invoice to follow		☐ Mailed in
Copies: White-Vendor Canary-Purchasing Agent Pink-Accounts Payable Goldenrod-Originator		

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **109711**

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

INVOICE # _____

RECEIVED FROM: Dept. State Lands

APPLICATION	<u>see below</u>
PERMIT	
TRANSFER	

BY: _____

CASH: ☐ CHECK: # 1232635103 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$3300.00

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	<u>G-17679 - \$600.00 (\$300.00 Exam + \$300.00 Record)</u>	\$
0407 COPY & TAPE FEES	<u>G-17698 - \$300.00</u>	\$
0410 RESEARCH FEES	<u>G-17705 - \$900.00</u>	\$
0408 MISC REVENUE: (IDENTIFY)	<u>G-17706 - \$400.00</u>	\$
TC162 DEPOSIT LIAB. (IDENTIFY)	<u>G-17707 - \$300.00</u>	\$
0240 EXTENSION OF TIME	<u>G-17708 - \$300.00</u>	\$

WATER RIGHTS:

0201 SURFACE WATER	<u>46111</u>	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER		\$		\$
0205 TRANSFER		<u>\$3,000.00</u>	0204	<u>\$300.00</u>

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: **109711**

DATED: 8.22.13 B. Williamson

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

Application #: G-17705 Applicant: DEPARTMENT OF STATE LANDS

4.75 Fees CFS
AF

Base 1150
Up to 1 CFS @ \$300 300
4 Add'l CFS @ \$300 1200
Up to 20 AF
Add'l AF @ \$1
Appropriation of stored water up to 20 AF
Add'l AF @ \$1
Add'l 3 POD (POA) use @ \$300 + 900
Exam Fee Required = 3550
Exam Fee Paid 3550
Exam Fee Still Owed 0

7-19-13 Paid \$2650
8-22-13 Paid \$900 +
43550 TOTAL PAID
4 wells
1 use

Recording Fee Required 450
Recording Fee Paid 0
*Recording Fee Still Owed * 450

4 gn apps - DSL

<u>App No.</u>	<u>Location</u>	<u>DSL Purchase Order</u>	<u>Exam</u>	<u>Recording</u>
G-17705	Sec 10 d 14 T 235, R 32E, WM	10636 \$2650	\$2350	 \$300
G-17706	Sec 29 d 30 T 235, R 33E, WM	10629 \$2650	\$2350	 \$300
G-17707	Sec 24 T 245 R 32E, WM	10635 \$4300	\$1750	 \$400
G-17708	Sec 4 T 255 R 31E, WM	10635 \$4300	\$1750 + \$8200	 \$400 \$1400

✓
\$9600



Oregon Department State Lands
775 Summer St. NE. • Suite 100
Salem, OR 97301-1279
www.oregonstateland.us

☐ PURCHASE REQUISITION ☒ CHECK REQUEST
☒ Mail ☐ Return to Agency

Questions? Call Purchasing ext. 254 or 258
E-mail: purchasing@dsl.state.or.us

RECEIVED

VP 066193 B/214

Vendor Oregon Water Resources Department 725 Summer St. NE, Suite A Salem, OR 97301-1266		Ship to: DEPT OF STATE LANDS EASTERN REGION 1645 NE FORBES RD STE 112 BEND OR 97701 Customer Account #		
Item(s) requested (please be specific, i.e., stock number, complete name of item, size, style, color, etc.)		Quantity	Unit Price	Extended Price
New water right application for		1	\$2,650	\$2,650.00
Potential agricultural pivot development				
Estimated Delivery Date: N/A		TOTAL		\$2,650.00
Justification: For the successful development of an agricultural pivot on State land to generate revenue for the C5F				
Requested by Shawn Zumwalt		Date 07/08/13		
Section LM - East		PCA (Cost Code) 66561-5650		
Approved by Yang R. Zumwalt		Title LM Eastern Reg. Mgr		Date 07/09/13

Is this item on a price agreement? ☐ yes ☒ no BPDAS # _____
Has this order been placed verbally? ☐ yes ☒ no By whom? _____ Date _____
Does the vendor require a copy of the purchase requisition? ☐ yes ☒ no
Order received by whom? _____ Order complete? ☐ yes ☒ no Date _____

PLEASE ROUTE THE TOP 3 COPIES OF THIS FORM TO THE PURCHASING AGENT.

FISCAL OFFICE USE ONLY:

Web purchase? ☐ yes ☐ no

☐ VISA charge _____

☐ Invoice to follow _____

☐ Emailed order _____

☐ Phoned in _____

☐ Faxed in _____

☐ Mailed in _____

Copies: White-Vendor Canary-Purchasing Agent Pink-Accounts Payable Goldenrod-Originator

STATE OF OREGON REMITTANCE ADVICE

TO SIGN UP FOR DIRECT DEPOSIT PAYMENT SERVICE AND RECEIVE CONVENIENT, ELECTRONIC PAYMENTS, LOG IN TO [HTTP://WWW.OREGON.GOV/DAS/EGS/FBS/SFMS/PAGES/ACH.ASPX](http://www.oregon.gov/DAS/EGS/FBS/SFMS/PAGES/ACH.ASPX) ON THE INTERNET. CLICK ON FORMS AND BROCHURES. THEN SELECT DIRECT DEPOSIT (ACH) AUTHORIZATION FORM.

WARRANT NO.
123227268

DEPARTMENT OF STATE LANDS

(503) 986-5304 EXT.

INVOICE NO.	INVOICE DATE	INVOICE DESCRIPTION	AGY	DOCUMENT	AMOUNT
R 10635		NEW WATER RIGHT APPLICATIONS (	141	VP066191	4,300.00
R 10629		NEW WATER RIGHT APPLICATIONS	141	VP066192	2,650.00
R 10636		NEW WATER RIGHT APPLICATION	141	VP066193	2,650.00

RECEIVED

JUL 19 2013

WATER RESOURCES DEPT
SALEM OREGON

STATE OF OREGON REMITTANCE ADVICE

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WARRANT NO.
123702338

DEPARTMENT OF STATE LANDS

(503) 986-5200 EXT.

INVOICE NO.	INVOICE DATE	INVOICE DESCRIPTION	AGY	DOCUMENT	AMOUNT
R 10664		WATER RIGHT PERMIT RECORDING	F 141	VP068747	450.00

RECEIVED BY OWRD

SEP 22 2014



Oregon Department State Lands
775 Summer St. NE • Suite 100
Salem, OR 97301-1279
www.oregonstateland.us

10664

☐ PURCHASE REQUISITION ☒ CHECK REQUEST
☐ Mail ☐ Return to Agency

Questions? Call Purchasing ext. 254 or 258
E-mail: purchasing@dsl.state.or.us

RA

Vendor Oregon Water Resources Dept. 775 Summer St. NE, Suite A Salem, OR 97301-1266		Ship to: DEPT OF STATE LANDS EASTERN REGION 1645 NE FORBES RD STE 112 BEND OR 97701 Customer Account #	
Item(s) requested (please be specific, i.e., stock number, complete name of item, size, style, color, etc.)		Quantity	Unit Price
Water Right Permit recording fee		1	\$450.00
Extended Price			\$450.00
Estimated Delivery Date: N/A		TOTAL \$450.00	
Justification: Permit recording fee required to ensure receipt of water right permit for RUHL RD Ag. development. Please Put Attn: Mary Rohling along with App. # G-17705.			
Requested by Shawn Zumwalt		Date 08/27/14	
Section LM-East		PCA (Cost Code) 66561-5650	
Approved by Kerry R. Zumwalt		Approved By East Pgm Mgr	
Title East Pgm Mgr		Date 9/2/14	
Is this item on a price agreement? ☐ yes ☒ no LRO # PR2 BPDAS #			
Has this order been placed verbally? ☐ yes ☐ no By whom? Date			
Does the vendor require a copy of the purchase requisition? ☐ yes ☐ no			
Order received by whom? Order complete? ☐ yes ☐ no Date			

PLEASE ROUTE THE TOP 3 COPIES OF THIS FORM TO THE PURCHASING AGENT.

FISCAL OFFICE USE ONLY:		☐ Emailed order	
Web purchase? ☐ yes ☐ no		☐ Phoned in	
☐ VISA charge		☐ Faxed in	
☐ Invoice to follow		☐ Mailed in	
Copies: White-Vendor Canary-Purchasing Agent Pink-Accounts Payable Goldenrod-Originator			



Oregon Department State Lands
775 Summer St. NE, Suite 100
Salem, OR 97301-1279
www.oregonstatelands.us

NOV 06 2014

DSL-BEND

RA

10665

☐ PURCHASE REQUISITION ☒ CHECK REQUEST
☐ Mail ☒ Return to Agency - Bend

Questions? Call Purchasing ext. 254 or 258
E-mail: purchasing@dsl.state.or.us

RECEIVED BY OWRI

Vendor Oregon Water Resources Department 725 Summer St NE, Suite 1A Salem, OR 97301-1246		Ship to: DEPT OF STATE LANDS EASTERN REGION 1645 NE FORBES RD STE 112 BEND OR 97701 Customer Account #		
Item(s) requested (please be specific, i.e., stock number, complete name of item, size, style, color, etc.)		Quantity	Unit Price	Extended Price
Water Right Permit Recording Fee (permit# G-17706)		1	\$450.00	\$450.00
Water Right Permit Recording Fee (permit# G-17707)		1	\$350.00	\$350.00
Water Right Permit Recording Fee (permit# G-17708)		1	\$350.00	\$350.00
Estimated Delivery Date: N/A		TOTAL		\$1,150.00
Justification: Permit Recording Fee required to ensure receipt of water right permit for 1. Carson Point Ag Development (G-17706) 2. Island Ranch Ag Development (G-17707) and 3. Wrights Point Ag development (G-17708) Please put ATTN: Mary Rohling along with App # G-17706, G-17707 and G-17708				
Requested by Sheena Miltenberger		Date 10-6-14		
Section CSF Real Property - Eastern Region		PCA (Cost Code)		
Approved by Kenny R. Luczak		Title Region Manager		Date 10/13/14

Is this item on a price agreement? ☐ yes ☐ no BPDAS # _____
Has this order been placed verbally? ☐ yes ☐ no By whom? _____ Date _____
Does the vendor require a copy of the purchase requisition? ☐ yes ☐ no
Order received by whom? _____ Order complete? ☐ yes ☐ no Date _____

PLEASE ROUTE THE TOP 3 COPIES OF THIS FORM TO THE PURCHASING AGENT.

FISCAL OFFICE USE ONLY:

Web purchase? ☐ yes ☐ no

☐ VISA charge

☐ Invoice to follow

☐
☐
☐
☐

Emailed order

Phoned in

Faxed in

Mailed in

Copies: White-Vendor Canary-Purchasing Agent Pink-Accounts Payable Goldenrod-Originator

STATE OF OREGON REMITTANCE ADVICE

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WARRANT NO.
123754972

DEPARTMENT OF STATE LANDS

(503) 986-5200

INVOICE NO.	INVOICE DATE	INVOICE DESCRIPTION	AGY	DOCUMENT	AMOUNT
R 10665		APP #G17706 G17707 G17708	141	VP069022	\$1,150.00

Attn: Mary Robling

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **113496**

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

INVOICE # _____

RECEIVED FROM:

BY: *State of Oregon: Dept of
Admin Services; Dept of State Lands*

APPLICATION	<i>G-17705</i>
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# *3702338* OTHER: (IDENTIFY) _____

TOTAL REC'D \$ *450.00*

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	\$
0203	GROUND WATER	\$
0205	TRANSFER	\$

WELL CONSTRUCTION

0218	WELL DRILL CONSTRUCTOR	\$
	LANDOWNER'S PERMIT	\$

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: **113496**

DATE: *9/22/14*

BY: *Chungate*

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 # 111365

INVOICE # _____

RECEIVED FROM: Department of State Lands

BY: _____

APPLICATION	G-17705
PERMIT	
TRANSFER	

CASH: ☐ CHECK:# OTHER: (IDENTIFY)

☐

☒ 3484274

☐

TOTAL REC'D \$ 900.00

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

\$

0202

\$

0203 GROUND WATER

\$ 900.00

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: 111365

DATED: 3-13-14

BY: [Signature]

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WARRANT NO.
125122627

DEPARTMENT OF STATE LANDS

(503) 986-5200

INVOICE NO.	INVOICE DATE	INVOICE DESCRIPTION	AGY	DOCUMENT	AMOUNT
35609			141	VP077771	\$200.00

RECEIVED

JUL 16 2018

DSL - BEND

\$ 200.00

Ch # 125122627

RECEIVED

JUL 25 2018