

ASSIGNED

Name G-16123
By DAVID ROTH
JANETTE ROTH
Address PO BOX 358
CHRISTMAS VALLEY OR 97641

partial

COB

Priority _____
County _____ WM# _____

RELATED FILES

DEVELOPMENT Date
Completion 10-1-08
Extended to _____
Final Proof received COBU 12/14/2014
Proposed Cert. Mailed ~~1/10/2020~~ 4/16/2021

Application No. G16123
Permit No. G15706
Certificate No. ~~95237~~
95604
Date _____

FEES PAID

Date	Amount	Receipt No.
<u>10/27/03</u>	<u>1850.00</u>	<u>63920</u>
<u>8.5.09</u>	<u>75.00</u>	<u>97390</u>
<u>9/26/14</u>	<u>85.00</u>	<u>113547</u>
<u>12/12/14</u>	<u>175.00</u>	<u>114303</u>
	Cert. Fee	

DENIED _____
MISFILED _____
WITHDRAWN _____
CANCELLED _____

Volume _____
Page _____

FEES REFUNDED

Date	Amount	Receipt No.

ASSIGNMENTS

Date	To Whom	Address
<u>8/7/2009</u>	<u>STEPHEN ROTH & CLANCY ROTH</u> 41600 HWY 20 BROTHERS OR 97712	<u>NORTHWEST FARM CREDIT SERVICES, FLCA</u> PO BOX 607 REDMOND OR 97756
<u>9/26/14</u>	Clancy Roth Bar DR Land and Cattle, LLC Stephen Roth 41600 E. Hwy 20 Brothers, OR 97712	and Northwest Farm Credit Services P.O. Box 607 Redmond, OR 97756

REMARKS

PUMP TEST
1/27/2020
APPROVED

MAP LOCATION _____

TORR PH. 2004 **PHONE CALL**

FOR	TUES	F.D. DATE	4-27	TIME	330	A.M. P.M.
M	STEVEN ROTH					
OF	★ TRRS. ★					<input checked="" type="checkbox"/> PHONED
PHONE	<input type="checkbox"/> FAX <input type="checkbox"/> MOBILE	(541)	-420-	2321		RETURNED YOUR CALL
MESSAGE		AREA CODE	NUMBER	EXTENSION		<input checked="" type="checkbox"/> PLEASE CALL
	LETTER		LEFEVER			WILL CALL AGAIN
	NEED ADDITIONAL					CAME TO SEE YOU
SIGNED	541 420 2321					WANTS TO SEE YOU

Tops Form 1003

- NEED LEGAL FOR T. 22S R 20E
SECTIONS 1 & 12 IF FOR ALL
OF THE PERMIT.

- NEED ONLY COVER T 22S R 21E
PORTIONS

CALL JESSICA HANNA @ 541.504.3500

NEED ADDITIONAL
PAGE 7

Mailing List for Correction Certificate

Application: G-16123

Permit: G-15706

Certificate: 95604

Permit/Certificate Holder:

BAR DR LAND AND CATTLE, LLC
CLANCY R. ROTH
STEPHEN F. ROTH
41600 E HWY 20
BROTHERS OR 97712

NORTHWEST FARM CREDIT SERVICES FCLA
PO BOX 607
3113 S HWY 97 SUITE 100
REDMOND OR 97756

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 #: 11
2. Vault
3. File

Other persons to receive copies: (include map):

1. Estes Surveys LLC
Bruce Estes
7605 Parkview Dr.
Watauga, TX. 76148

Record Marking:
Certificate 95237 ,

Copies Mailed

by: TM
(STAFF)

on: 4/16/2021
(DATE)

STATE OF OREGON
COUNTY OF DESCHUTES
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BAR DR LAND AND CATTLE LLC
CLANCY ROTH
STEPHEN ROTH
41600 E HWY 20
BROTHERS OR 97712

NORTHWEST FARM CREDIT SERVICES FCLA
PO BOX 607
3113 S HWY 97 SUITE 100
REDMOND OR 97756

confirms the right to the use of water perfected under the terms of Permit G-15706. 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-16123

SOURCE OF WATER: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN

PURPOSE or USE: IRRIGATION USE ON 717.4 ACRES

MAXIMUM RATE: 8.96 CUBIC FEET PER SECOND (CFS), BEING 5.55 CFS FOR WELL 1 AND 3.41 CFS FOR WELL 2

PERIOD OF USE: MAY 1 THROUGH OCTOBER 31

DATE OF PRIORITY: OCTOBER 27, 2003

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
22 S	20 E	WM	1	NW SE	WELL 1 (ROSS #4) - 1720 FEET NORTH AND 1640 FEET WEST FROM SE CORNER, SECTION 1
22 S	21 E	WM	7	SE NW	WELL 2 (CORRAL WELL) - 1940 FEET SOUTH AND 70 FEET WEST FROM N1/4 CORNER, SECTION 7

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres	Weir
22 S	20 E	WM	1	NE SW		15.7	1
22 S	20 E	WM	1	NW SW		2.1	1
22 S	20 E	WM	1	SW SW		31.0	1
22 S	20 E	WM	1	SE SW		40.0	1
22 S	20 E	WM	1	NE SE	2	0.1	1
22 S	20 E	WM	1	NW SE		12.7	1
22 S	20 E	WM	1	SW SE		40.0	1
22 S	20 E	WM	1	SE SE	1	18.0	1
22 S	20 E	WM	11	NE NE		1.6	1
22 S	20 E	WM	12	NE NE	4	27.2	1
22 S	20 E	WM	12	NW NE		40.0	1
22 S	20 E	WM	12	SW NE		39.6	1
22 S	20 E	WM	12	SE NE	3	12.4	1
22 S	20 E	WM	12	SE NE	3	11.5	2
22 S	20 E	WM	12	NE NW		40.0	1
22 S	20 E	WM	12	NW NW		40.0	1
22 S	20 E	WM	12	SW NW		27.0	1
22 S	20 E	WM	12	SE NW		40.0	1
22 S	20 E	WM	12	NE SW		9.7	1
22 S	20 E	WM	12	NW SW		0.4	1
22 S	20 E	WM	12	NE SE	2	22.4	2
22 S	20 E	WM	12	NW SE		6.8	1
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22 S	21 E	WM	7	SW NE		4.4	2
22 S	21 E	WM	7	NE NW		2.3	2
22 S	21 E	WM	7	NW NW	1	3.8	2
22 S	21 E	WM	7	SW NW	2	39.6	2
22 S	21 E	WM	7	SE NW		36.7	2
22 S	21 E	WM	7	NE SW		40.0	2
22 S	21 E	WM	7	NW SW	3	40.3	2
22 S	21 E	WM	7	SW SW	4	28.4	2
22 S	21 E	WM	7	SE SW		24.8	2
22 S	21 E	WM	7	NW SE		12.8	2
22 S	21 E	WM	7	SW SE		1.4	2

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or measuring device as approved by the Director in good working order. The water user shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water-use information, including the place and nature of use of water under the right.
- B. The water user shall allow the watermaster access to the meter; where a meter is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

Static Water Level Measurement Condition - Well #1

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

The reference level against which future annual measurements will be compared is 143.13 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

Static Water Level Measurement Condition - Well #2

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

Measurements must be made according to the following schedule:

The water user shall submit seven consecutive annual reports of static water level measurements. The reference level against which future annual measurements will be compared is 139.65 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non-use or restricted use shall continue until the water level rises above the decline level which triggered the action or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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

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

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

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

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

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

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

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

THIS CERTIFICATE IS ISSUED TO CORRECTLY IDENTIFY THE LOCATION OF THE PLACE OF USE AND SUPERSEDES CERTIFICATE 95237.

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

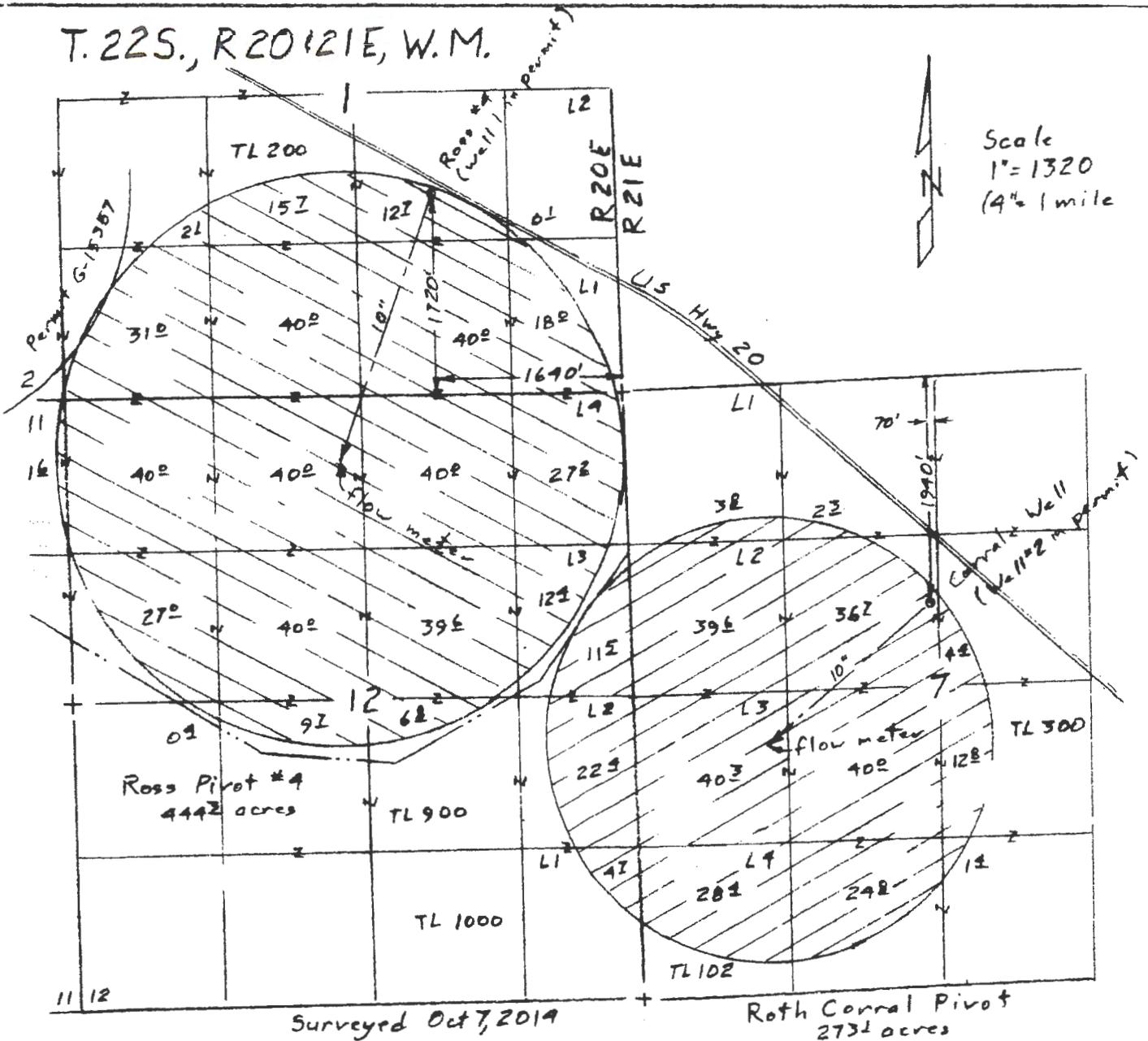
Issued APR 16 2021



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

T. 22S., R. 20E, W. 11E

Scale
1" = 1320'
(4" = 1 mile)



Surveyed Oct 7, 2019

Roth Corral Pivot
2731 acres

App G-16123
Per G-15706

Claim of Beneficial Use Map
for

Robert Ross & Stephen Roth



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.

ESTES SURVEYS, LLC

PO Box 17519
Salem, OR 97306-7519
(503) 865-7883

80382 Arnold Rd
Bend, OR 97702
(541) 382-7397

**ESTES
SURVEYS_{LLC}**

**SURVEYS
CONSULTING**

RECEIVED

JAN 22 2021

OWRD

LAND & WATER RIGHTS

Bruce A. Estes, PLS, CWRE

January 16, 2021

60382 Arnold Mkt. Rd.

Bend, OR 97702

(541) 382-7391

FAX 382-7391

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

Gerry:

Re: AG-16123, PG-15706

I finally reviewed certificate 95237, issued in November, 2020. It has a scrivener's error in the acreage listing. The certificate calls out 4.7 acres in SE SE Section 7, 22S/21E whereas that acreage is in SE SE Section 12, 22S/20E. Please make the necessary corrections.

Thank you for your time. If you have any questions, just call (817) 479-6981 or (541) 419-5400..

Sincerely,



Bruce A. Estes, PLS, CWRE

Cc Stephen Roth

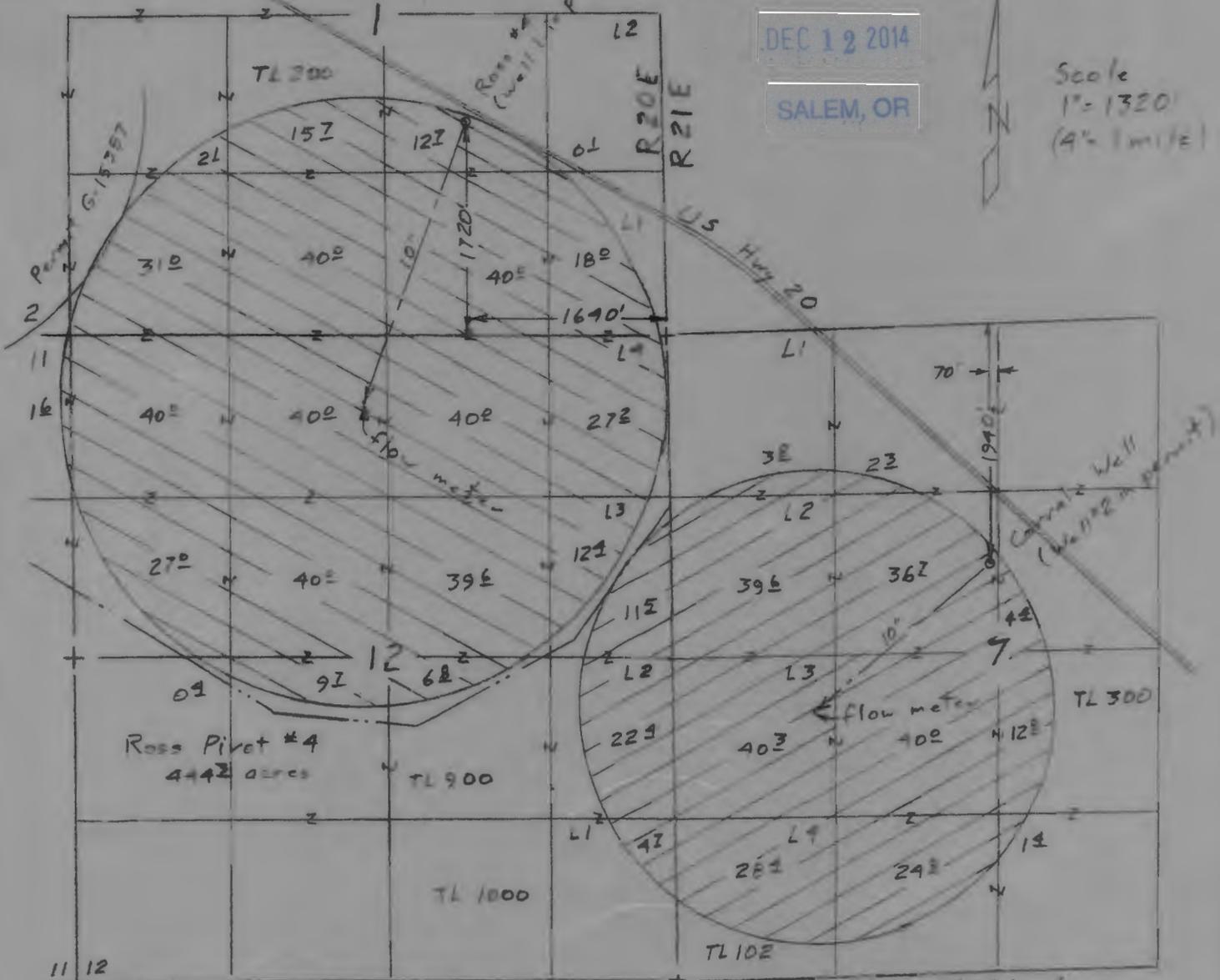
T. 22S., R20&21E, W.M.

RECEIVED BY OWRD

DEC 12 2014

SALEM, OR

Scale
1" = 1320'
(4" = 1 mile)



Surveyed Oct 7, 2014

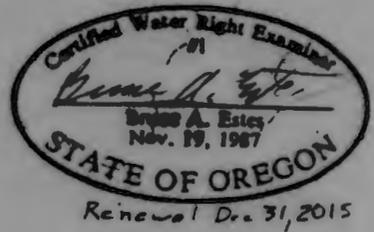
Roth Canal Pivot
2732 acres

App G-16123

Per G-15706

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for

Robert Ross & Stephen Roth



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ESTES SURVEYS, LLC

PO Box 17519
Salem, OR 97306-7519
(503) 565-7503

60382 Arnold Rd
Bend, OR 97702
(541) 382-7301

STATE OF OREGON
COUNTY OF DESCHUTES
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BAR DR LAND AND CATTLE LLC
CLANCY ROTH
STEPHEN ROTH
41600 E HWY 20
BROTHERS OR 97712

NORTHWEST FARM CREDIT SERVICES FCLA
PO BOX 607
3113 S HWY 97 SUITE 100
REDMOND OR 97756

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MAXIMUM RATE: 8.96 CUBIC FEET PER SECOND (CFS), BEING 5.55 CFS FOR WELL 1 AND 3.41 CFS FOR WELL 2

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22 S	20 E	WM	12	NW NE		40.0	1
22 S	20 E	WM	12	SW NE		39.6	1
22 S	20 E	WM	12	SE NE	3	12.4	1
22 S	20 E	WM	12	SE NE	3	11.5	2
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22 S	20 E	WM	12	NW NW		40.0	1
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22 S	21 E	WM	7	NW SE		12.8	2
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Should be Section 12

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or measuring device as approved by the Director in good working order. The water user shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water-use information, including the place and nature of use of water under the right.
- B. The water user shall allow the watermaster access to the meter; where a meter is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

Static Water Level Measurement Condition - Well #1

To monitor the effect of water use from the well(s) authorized under this right, the Director may require the water user to

make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The reference level against which future annual measurements will be compared is 143.13 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
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- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

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

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

Static Water Level Measurement Condition - Well #2

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

Measurements must be made according to the following schedule:

The water user shall submit seven consecutive annual reports of static water level measurements. The reference level against which future annual measurements will be compared is 139.65 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non-use or restricted use shall continue until the water level rises above the decline level which triggered the action or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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

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

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

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

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

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

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

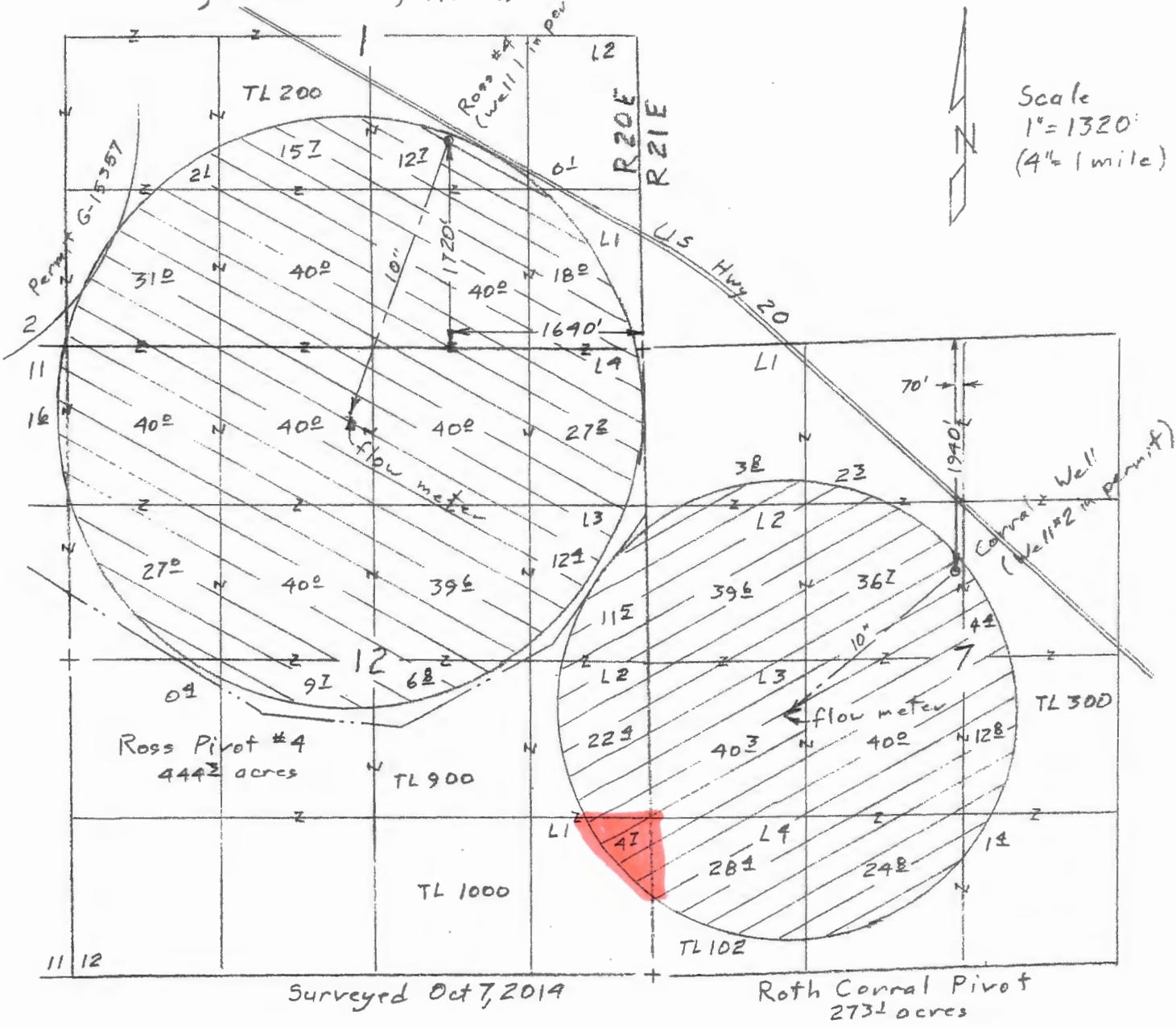
The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

Issued NOV 06 2020



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

T. 22S., R20E21E, W.M.



Surveyed Oct 7, 2014

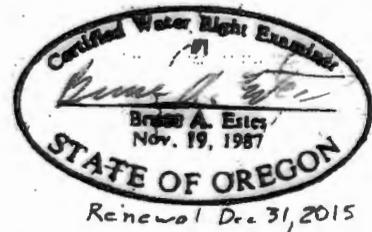
Roth Corral Pivot
2732 acres

App G-16123

Per G-15706

Claim of Beneficial Use Map for

Robert Ross & Stephen Roth



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.

ESTES SURVEYS, LLC

PO Box 17619
Salem, OR 97306-7519
(603) 565-7503

60382 Arnold Rd
Bent, OR 97702
(541) 382-7301

**ESTES
SURVEYS_{LLC}**

**SURVEYS
CONSULTING**

LAND & WATER RIGHTS

Bruce A. Estes, PLS, CWRE

60382 Arnold Mkt. Rd.
Bend, OR 97702
(541) 382-7391
FAX 382-7391

June 13, 2020

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

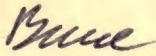
Dear Codi:

Re: G-16123

On May 14 you sent a proposed certificate to Stephen Roth for permit G-15706. The important parts of the proposal are all correct. I have a bur under my saddle about regurgitating the wording from the permit about the static water level readings since we are past the seven consecutive years. That is now history and it seems to me that the certificate should correctly identify what was completed within the terms of the permit. The permit wording in the certificate tends to create a doubt about if the reports were made.

Enclosed is a copy of the minor revision we would like to see in the certificate. Please look at it and incorporate in the certificate if you agree. Thank you for your time. If you have any questions, just call (817) 479-6981.

Sincerely,



Bruce A. Estes, PLS, CWRE

Cc Stephen Roth

NOT change to language;
mmst made, not
Completed.

CH
6/2020

as may be required by the Director. Further, the Director may require the water user to report general water-use information, including the place and nature of use of water under the right.

- B. The water user shall allow the watermaster access to the meter; where a meter is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

Static Water Level Measurement Condition - Well #1

To monitor the effect of water use from the well(s) authorized under this right, the ~~may~~ ^{Director} require the water user to make and

RECEIVED

Application G-16123.cnh

JUN 18 2020 Page 2 of 4

Certificate *****

OWRD

for seven consecutive years.

~~the water user~~

report annual static water level measurements. The static water level ~~shall be~~ ^{was} measured in the month of March. Reports ~~shall~~ ^{were} submitted to the Department within 30 days of measurement.

The reference level against which future annual measurements will be compared is 143.13 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

Static Water Level Measurement Condition - Well #2

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

for seven consecutive years.

Measurements must be made according to the following schedule:

The water user shall submit seven consecutive annual reports of static water level measurements. The reference level against which future annual measurements will be compared is 139.65 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

**ESTES
SURVEYS**

LAND SURVEYS
CONSULTING

LLC

WATER RIGHT SURVEYS

7605 Parkview Dr

~~6293 Sunnyview Rd. NE~~

~~Salem, OR 97305~~

Watauga, TX 76148



FOREVER USA



Mailing List for Final Certificate

Application: G-16123

Permit: G-15706

Certificate: 95237

Permit/Certificate Holder:

BAR DR LAND AND CATTLE, LLC
CLANCY R. ROTH
STEPHEN F. ROTH
✓ 41600 E HWY 20
BROTHERS OR 97712

NORTHWEST FARM CREDIT SERVICES FCLA
✓ PO BOX 607
3113 S HWY 97 SUITE 100
REDMOND OR 97756

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 #: 11~~
- ✓ 2. Vault
- ✓ 3. File

Other persons to receive copies: (include map):

- ✓ 1. Estes Surveys LLC
Bruce Estes
7605 Parkview Dr.
Watauga, TX. 76148

Copies Mailed	
by: <u>CH</u>	_____
	(STAFF)
on: <u>11/2/2020</u>	_____
	(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: NOV 06 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 DESCHUTES
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BAR DR LAND AND CATTLE LLC
CLANCY ROTH
STEPHEN ROTH
41600 E HWY 20
BROTHERS OR 97712

NORTHWEST FARM CREDIT SERVICES FCLA
PO BOX 607
3113 S HWY 97 SUITE 100
REDMOND OR 97756

confirms the right to the use of water perfected under the terms of Permit G-15706. 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-16123

SOURCE OF WATER: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN

PURPOSE or USE: IRRIGATION USE ON 717.4 ACRES

MAXIMUM RATE: 8.96 CUBIC FEET PER SECOND (CFS), BEING 5.55 CFS FOR WELL 1 AND 3.41 CFS FOR WELL 2

PERIOD OF USE: MAY 1 THROUGH OCTOBER 31

DATE OF PRIORITY: OCTOBER 27, 2003

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
22 S	20 E	WM	1	NW SE	WELL 1 (ROSS #4) - 1720 FEET NORTH AND 1640 FEET WEST FROM SE CORNER, SECTION 1
22 S	21 E	WM	7	SE NW	WELL 2 (CORRAL WELL) - 1940 FEET SOUTH AND 70 FEET WEST FROM N1/4 CORNER, SECTION 7

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres	Well
22 S	20 E	WM	1	NE SW		15.7	1
22 S	20 E	WM	1	NW SW		2.1	1
22 S	20 E	WM	1	SW SW		31.0	1
22 S	20 E	WM	1	SE SW		40.0	1
22 S	20 E	WM	1	NE SE	2	0.1	1
22 S	20 E	WM	1	NW SE		12.7	1
22 S	20 E	WM	1	SW SE		40.0	1
22 S	20 E	WM	1	SE SE	1	18.0	1
22 S	20 E	WM	11	NE NE		1.6	1
22 S	20 E	WM	12	NE NE	4	27.2	1
22 S	20 E	WM	12	NW NE		40.0	1
22 S	20 E	WM	12	SW NE		39.6	1
22 S	20 E	WM	12	SE NE	3	12.4	1
22 S	20 E	WM	12	SE NE	3	11.5	2
22 S	20 E	WM	12	NE NW		40.0	1
22 S	20 E	WM	12	NW NW		40.0	1
22 S	20 E	WM	12	SW NW		27.0	1
22 S	20 E	WM	12	SE NW		40.0	1
22 S	20 E	WM	12	NE SW		9.7	1
22 S	20 E	WM	12	NW SW		0.4	1
22 S	20 E	WM	12	NE SE	2	22.4	2
22 S	20 E	WM	12	NW SE		6.8	1
22 S	21 E	WM	7	SE SE	1	4.7	2
22 S	21 E	WM	7	SW NE		4.4	2
22 S	21 E	WM	7	NE NW		2.3	2
22 S	21 E	WM	7	NW NW	1	3.8	2
22 S	21 E	WM	7	SW NW	2	39.6	2
22 S	21 E	WM	7	SE NW		36.7	2
22 S	21 E	WM	7	NE SW		40.0	2
22 S	21 E	WM	7	NW SW	3	40.3	2
22 S	21 E	WM	7	SW SW	4	28.4	2
22 S	21 E	WM	7	SE SW		24.8	2
22 S	21 E	WM	7	NW SE		12.8	2
22 S	21 E	WM	7	SW SE		1.4	2

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or measuring device as approved by the Director in good working order. The water user shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water-use information, including the place and nature of use of water under the right.
- B. The water user shall allow the watermaster access to the meter; where a meter is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

Static Water Level Measurement Condition - Well #1

To monitor the effect of water use from the well(s) authorized under this right, the Director may require the water user to

make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The reference level against which future annual measurements will be compared is 143.13 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

Static Water Level Measurement Condition - Well #2

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

Measurements must be made according to the following schedule:

The water user shall submit seven consecutive annual reports of static water level measurements. The reference level against which future annual measurements will be compared is 139.65 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (E) Identify each well with its associated measurement; and
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- (E) An average water level decline of three or more feet per year for five consecutive years; or
- (F) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (G) A water level decline of 25 or more feet; or

Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non-use or restricted use shall continue until the water level rises above the decline level which triggered the action or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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

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

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

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

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

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

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

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

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

Issued NOV 06 2020



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

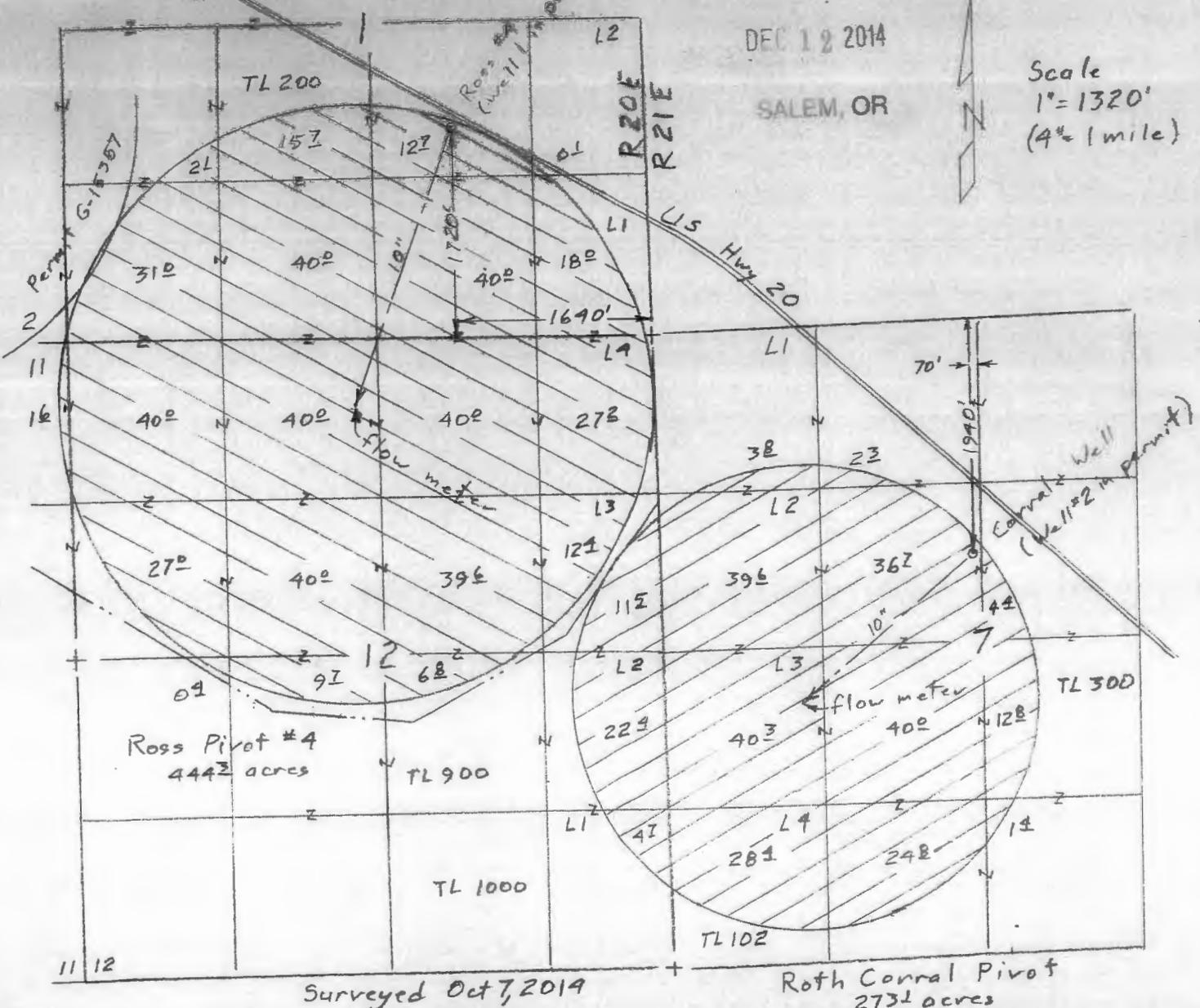
T. 22S., R20E21E, W.M.

RECEIVED BY OWRD

DEC 12 2014

SALEM, OR

Scale
1" = 1320'
(4" = 1 mile)



Surveyed Oct 7, 2014

Roth Corral Pivot
273.1 acres

App G-16123

Per G-15706

Claim of Beneficial Use Map for

Robert Ross & Stephen Roth



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.

ESTES SURVEYS, LLC
 PO Box 17519 60382 Arnold Rd
 Salem, OR 97306-7519 Bend, OR 97702
 (503) 585-7593 (541) 382-7391

Mailing List for Proposed Certificate

Application: G-16123

Permit: G-15706

Certificate:

Permit/Certificate Holder:

BAR DR LAND AND CATTLE, LLC
CLANCY R. ROTH
STEPHEN F. ROTH
41600 E HWY 20
BROTHERS OR 97712

NORTHWEST FARM CREDIT SERVICES FCLA
PO BOX 607
3113 S HWY 97 SUITE 100
REDMOND OR 97756

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 #: 11
2. File

Other persons to receive copies: (include map):

1. BRUCE ESTES, CWRE

Copies Mailed	
by:	<u>TM</u> (STAFF)
on:	<u>5/14/2020</u> (DATE)



Oregon
Kate Brown, Governor

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

DATE MAILED: MAY 14 2020

NOTICE

Reference: Application G-16123 Permit G-15706

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 these proposals. 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 questions please contact Codi Holmes at 503-986-0887.

Sincerely,

Dwight French
Water Right Services Administrator

STATE OF OREGON
COUNTY OF DESCHUTES
CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

BAR DR LAND AND CATTLE LLC
CLANCY ROTH
STEPHEN ROTH
41600 E HWY 20
BROTHERS OR 97712

NORTHWEST FARM CREDIT SERVICES FCLA
PO BOX 607
3113 S HWY 97 SUITE 100
REDMOND OR 97756

confirms the right to the use of water perfected under the terms of Permit G-15706. 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-16123

SOURCE OF WATER: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN

PURPOSE or USE: IRRIGATION USE ON 717.4 ACRES

MAXIMUM RATE: 8.96 CUBIC FEET PER SECOND (CFS), BEING 5.55 CFS FOR WELL 1 AND 3.41 CFS FOR WELL 2

PERIOD OF USE: MAY 1 THROUGH OCTOBER 31

DATE OF PRIORITY: OCTOBER 27, 2003

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
22 S	20 E	WM	1	NW SE	WELL 1 (ROSS #4) - 1720 FEET NORTH AND 1640 FEET WEST FROM SE CORNER, SECTION 1
22 S	21 E	WM	7	SE NW	WELL 2 (CORRAL WELL) - 1940 FEET SOUTH AND 70 FEET WEST FROM N1/4 CORNER, SECTION 7

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

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.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres	Well
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22 S	20 E	WM	1	SE SW		40.0	1
22 S	20 E	WM	1	NE SE	2	0.1	1
22 S	20 E	WM	1	NW SE		12.7	1
22 S	20 E	WM	1	SW SE		40.0	1
22 S	20 E	WM	1	SE SE	1	18.0	1
22 S	20 E	WM	11	NE NE		1.6	1
22 S	20 E	WM	12	NE NE	4	27.2	1
22 S	20 E	WM	12	NW NE		40.0	1
22 S	20 E	WM	12	SW NE		39.6	1
22 S	20 E	WM	12	SE NE	3	12.4	1
22 S	20 E	WM	12	SE NE	3	11.5	2
22 S	20 E	WM	12	NE NW		40.0	1
22 S	20 E	WM	12	NW NW		40.0	1
22 S	20 E	WM	12	SW NW		27.0	1
22 S	20 E	WM	12	SE NW		40.0	1
22 S	20 E	WM	12	NE SW		9.7	1
22 S	20 E	WM	12	NW SW		0.4	1
22 S	20 E	WM	12	NE SE	2	22.4	2
22 S	20 E	WM	12	NW SE		6.8	1
22 S	21 E	WM	7	SE SE	1	4.7	2
22 S	21 E	WM	7	SW NE		4.4	2
22 S	21 E	WM	7	NE NW		2.3	2
22 S	21 E	WM	7	NW NW	1	3.8	2
22 S	21 E	WM	7	SW NW	2	39.6	2
22 S	21 E	WM	7	SE NW		36.7	2
22 S	21 E	WM	7	NE SW		40.0	2
22 S	21 E	WM	7	NW SW	3	40.3	2
22 S	21 E	WM	7	SW SW	4	28.4	2
22 S	21 E	WM	7	SE SW		24.8	2
22 S	21 E	WM	7	NW SE		12.8	2
22 S	21 E	WM	7	SW SE		1.4	2

Measurement, recording and reporting conditions:

- A. The water user shall maintain the meter or measuring device as approved by the Director in good working order. The water user shall keep a complete record of the amount of water used each month, and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water-use information, including the place and nature of use of water under the right.
- B. The water user shall allow the watermaster access to the meter; where a meter is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this right may be regulated if analysis of data available after the right is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

Static Water Level Measurement Condition - Well #1

To monitor the effect of water use from the well(s) authorized under this right, the may require the water user to make and

report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

The reference level against which future annual measurements will be compared is 143.13 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

Static Water Level Measurement Condition - Well #2

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

Measurements must be made according to the following schedule:

The water user shall submit seven consecutive annual reports of static water level measurements. The reference level against which future annual measurements will be compared is 139.65 feet below ground surface. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non-use or restricted use shall continue until the water level rises above the decline level which triggered the action or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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

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

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

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

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

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

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

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

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

Issued _____

Dwight Fenn
Water Resources Services Division Administrator, for
Thomas A. Byler, Director
Oregon Water Resources Department

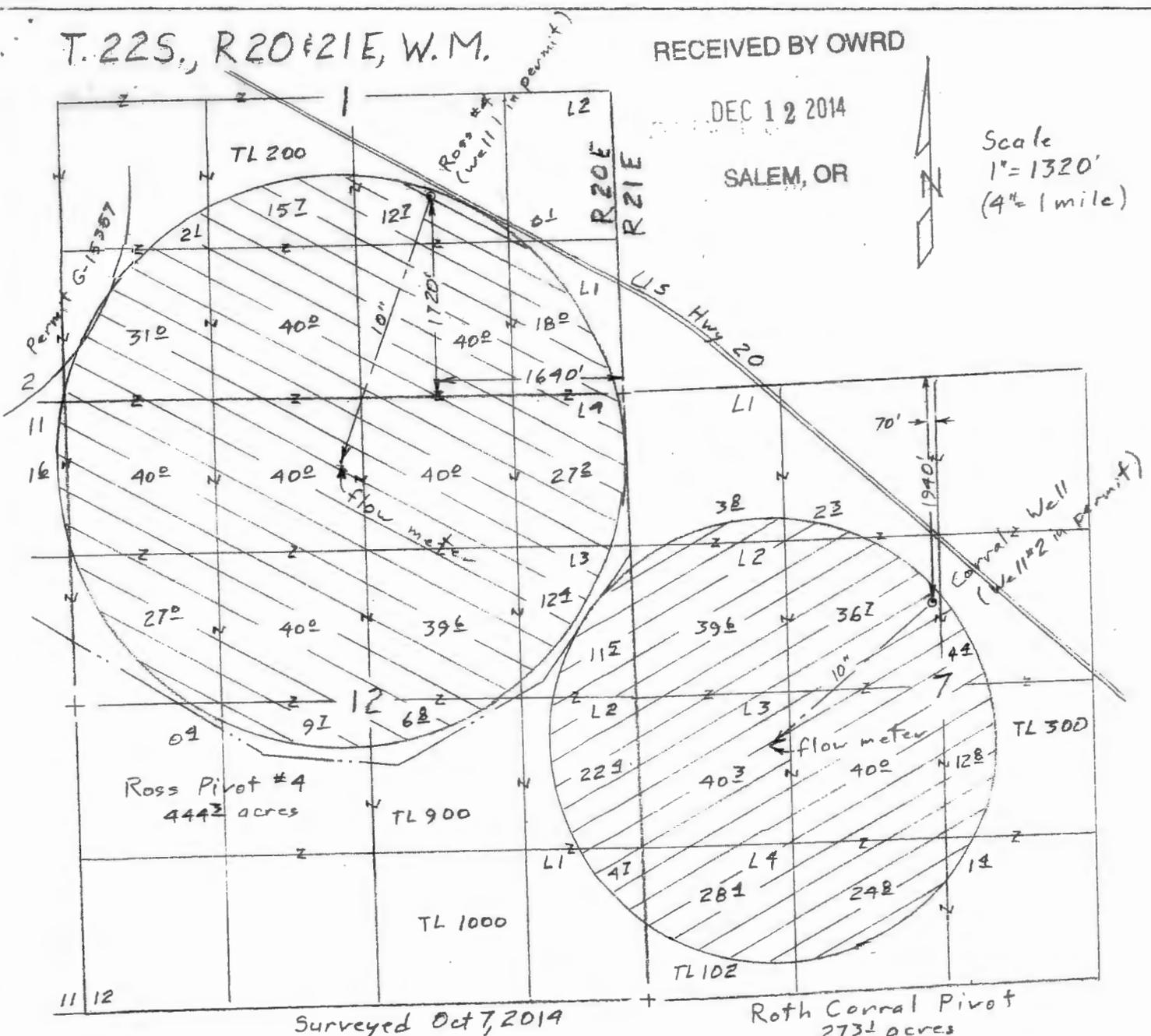
T. 22S., R20E21E, W.M.

RECEIVED BY OWRD

DEC 12 2014

SALEM, OR

Scale
1" = 1320'
(4 1/2 mile)



Surveyed Oct 7, 2014

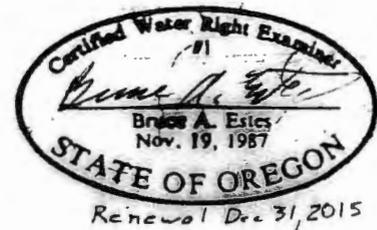
Roth Corral Pivot
273.1 acres

App G-16123

Per G-15706

Claim of Beneficial Use Map
for

Robert Ross & Stephen Roth



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.

ESTES SURVEYS, LLC
 PO Box 17519 Salem, OR 97305-7519 (503) 565-7583
 80382 Arnold Rd Bend, OR 97702 (541) 382-7391

MEMO –Proof to Satisfaction

Application # <u>G-16123</u>	Permit # <u>G-15706</u>	Transfer #
WRD Reviewer <u>C. Holmes</u>	Date <u>3/2020</u>	
WRD Peer Reviewer	Date	

Research

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

Reviewing Claim

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

- N/A Fish Conditions
- YES Meter/measuring device
- YES Water Use Reporting
- YES Pump Test (post December 19, 1988)
- N/A Other Conditions _____
- OK SWL
- OK C-Date Oct. 1 2008

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

NOTES:

Well 4 (well#1)	5.592	444.3	> 77.4
Corral (well#2)	3.832	273.1	
		<u>9.424</u>	

Determination

I've determined that the permit/transfer was fully developed as authorized and that a **FINAL** Certificate should be issued.

I've determined that the permit/transfer was not fully developed as authorized and that a **PROPOSED** Certificate should be issued. A proposed Certificate should be issued for the following reason(s):

Reduced acres; reduced rate

I've determined that beneficial use was NOT made within the terms and conditions and that a **Proposed Order of Certification** (denial) should be issued. A proposed Order of Certification should be issued for the following reason(s):

Processing

Stamp PROPOSED or Assign CERT# _____ or ORDER OF CERTIFICATION (circle one)

Draft Certificates or Proposed Order of Certifications are available in the Application directory.

Prepare Mailing List. Include Applicant(s); Receiving Landowner(s); Current Owner(s); Water Organizations; CWRE. Indicate records to be marked.

<input type="checkbox"/> Record marking:	App _____	Permit _____	Cert _____
	App _____	Permit _____	Cert _____
	App _____	Permit _____	Cert _____
	App _____	Permit _____	Cert _____

NOTES:

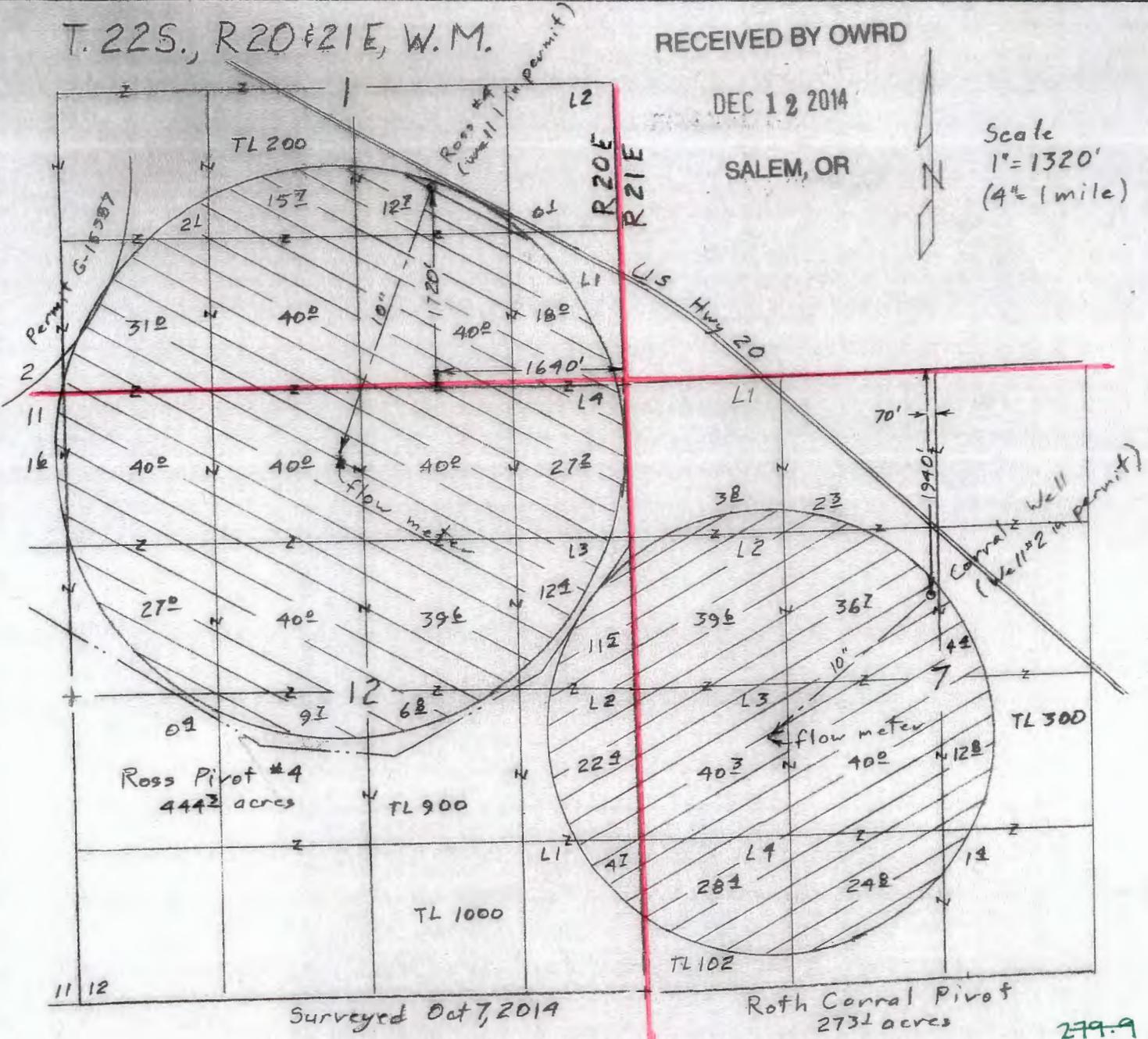
T. 22S., R20E & 21E, W.M.

RECEIVED BY OWRD

DEC 12 2014

SALEM, OR

Scale
1" = 1320'
(4" = 1 mile)



Surveyed Oct 7, 2014

Roth Corral Pivot
2731 acres

279.9

App G-16123

273.1

Per G-15706

Claim of Beneficial Use Map for

Robert Ross & Stephen Roth

437.5
444.3



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.

ESTES SURVEYS, LLC
 PO Box 17519 60382 Arnold Rd
 Salem, OR 97306-7519 Bend, OR 97702
 (503) 565-7503 (541) 382-7391

STATE OF OREGON

COUNTY OF DESCHUTES

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

~~DAVID AND JANETTE ROTH
PO BOX 358
CHRISTMAS VALLEY, OR 97641~~

**ASSIGN
NW FARM**
Stephen Roth
Clancy Roth

BAR DR Land (541) 420-2602
& CATTLE LLC

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

APPLICATION FILE NUMBER: G-16123

SOURCE OF WATER: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON ~~724.41~~ ACRES 717.4
444.3 273.1

MAXIMUM RATE: 11.14 CUBIC FEET PER SECOND

PERIOD OF USE: MAY 1 THROUGH OCTOBER 31 $\frac{1}{80} \cdot 724.41 = 9.055$

DATE OF PRIORITY: OCTOBER 27, 2003 $\frac{1}{80} \cdot 717.4 = 8.9675$

WELL LOCATIONS:

WELL 1 - NW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 1, T22S, R20E, W.M.; 1847 FEET NORTH & 1764 FEET WEST FROM SE CORNER, SECTION 1

WELL 2 - SE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 7, T22S, R21E, W.M.; 1793 FEET SOUTH & 2569 FEET EAST FROM NW CORNER, SECTION 7

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ SW $\frac{1}{4}$	11.0	ACRES	2 15 ⁷	NWSW 2 ⁺
SW $\frac{1}{4}$ SW $\frac{1}{4}$	18.58	ACRES	31 ²	
SE $\frac{1}{4}$ SW $\frac{1}{4}$	40.2	ACRES	40	
NE $\frac{1}{4}$ SE $\frac{1}{4}$	1.21	ACRES	0.1	
NW $\frac{1}{4}$ SE $\frac{1}{4}$	14.16	ACRES	12.7	
SW $\frac{1}{4}$ SE $\frac{1}{4}$	39.79	ACRES	40 ²	
SE $\frac{1}{4}$ SE $\frac{1}{4}$	26.74	ACRES	18	
SECTION 1				

SECTION 11

NE 1/4 NE 1/4	35.92	ACRES	27.2
NW 1/4 NE 1/4	38.09	ACRES	40
SW 1/4 NE 1/4	39.87	ACRES	39.6
SE 1/4 NE 1/4	35.27	ACRES	23.9
NE 1/4 NW 1/4	39.61	ACRES	40
NW 1/4 NW 1/4	30.82	ACRES	40
SW 1/4 NW 1/4	17.32	ACRES	27
SE 1/4 NW 1/4	39.45	ACRES	40
NE 1/4 SW 1/4	7.97	ACRES	9.7
NW 1/4 SE 1/4	9.14	ACRES	0.4
NE 1/4 SE 1/4	26.54	ACRES	22.4
SE 1/4 SE 1/4	9.93	ACRES	6.8

SECTION 12

TOWNSHIP 22 SOUTH, RANGE 20 EAST, W.M.

SW 1/4 NE 1/4	2.82	ACRES	4.4
NE 1/4 NW 1/4	0.15	ACRE	2.3
NW 1/4 NW 1/4	1.19	ACRES	3.8
SW 1/4 NW 1/4	40.46	ACRES	39.6
SE 1/4 NW 1/4	34.38	ACRES	40 36.7
NE 1/4 SW 1/4	40.51	ACRES	40.3 40
NW 1/4 SW 1/4	40.4	ACRES	28.4 40.3
SW 1/4 SW 1/4	35.55	ACRES	24.8 28.4
SE 1/4 SW 1/4	32.26	ACRES	24.8
NW 1/4 SE 1/4	12.55	ACRES	12.8
SW 1/4 SE 1/4	2.53	ACRES	1.4

SECTION 7

TOWNSHIP 22 SOUTH, RANGE 21 EAST, W.M.

Measurement, recording and reporting conditions:

- A. YES 2005 2007 Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. YES The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

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

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

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

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

YES

NO
4yr.
Carry
forward

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

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

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Proposed Final Order and Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

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

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

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

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

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

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

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

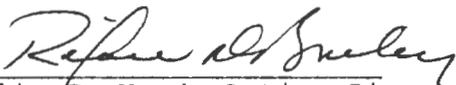
The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before **October 1, 2008**. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued 12, 2004



Phillip C. Ward, Acting Director
Water Resources Department

ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the permittee named hereon, if the land the permit is associated with changes ownership, or if the permittee is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

MAILING ADDRESS CHANGES: If the mailing address of the permittee named hereon changes, it is important that the Oregon Water Resources Department be informed of the change. Address changes must be submitted in writing with the permittee's signature to Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

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



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

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

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

A separate form shall be completed for each permit.

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

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

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

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

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

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

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

**SECTION 1
GENERAL INFORMATION**

1. File Information

APPLICATION # (G, R, S or T) G-16123	PERMIT # (IF APPLICABLE) G-15706	PERMIT AMENDMENT # (IF APPLICABLE)
--	--	------------------------------------

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DEC 12 2014

SALEM, OR

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME OWNER #1 Robert G. Ross, Jr. & Nanette T. Ross		PHONE No. (541) 572-5155	ADDITIONAL CONTACT No.
ADDRESS 57264 Lee Valley Rd.			
CITY Coquille	STATE OR	ZIP 97423	E-MAIL

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

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

PERMIT OR TRANSFER HOLDER OF RECORD OWNER #2 Stephen and Clancy Roth			
ADDRESS 41600 Hwy 20			
CITY Brothers	STATE OR	ZIP 97712	

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

PERMIT OR TRANSFER HOLDER OF RECORD OWNER #3		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Robert Ross	October 6, 2014	Owner
Stephen Roth	Oct 6, 2014	Owner

6. County:

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

OWNER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

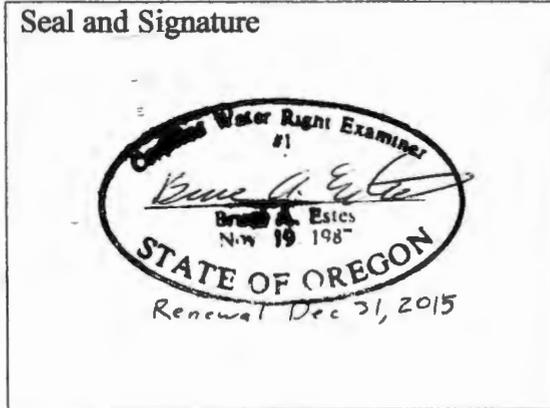
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Add additional tables for owners of record as needed

DEC 12 2014

**SECTION 2
SIGNATURES**

CWRE Statement, Seal and Signature

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



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DEC 12 2014
SALEM, OR

CWRE NAME Bruce A. Estes		PHONE NO. (541) 382-7391	ADDITIONAL CONTACT NO. (541) 419-5400
ADDRESS 60382 Arnold Mkt. Rd.			
CITY Bend	STATE OR	ZIP 97702	E-MAIL estessurveysllc@msn.com

Permit or Transfer Holder's of Record Signature or Acknowledgement

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

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

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
<i>Robert G. Ross Jr.</i>	Robert G. Ross, Jr.	Owner	12/4/14
<i>Nanette T. Ross</i>	Nanette T. Ross	Owner	12/4/14
<i>Stephen Roth</i>	Stephen Roth	Owner	11/19/14
<i>Clancy Roth</i>	Clancy Roth	Owner	11/19/14
<i>Ryan McNulty</i>	Ryan McNulty Relationship Manager AWP.	NW Farm Credit Service.	11/20/14

SECTION 3

CLAIM DESCRIPTION

1. Point of diversion/appropriation name or number:

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Well # 4 (well #1 in permit)	DESC 56139	L 63277
Corral Well (well #2 in permit)	DESC 58017	L 86838

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

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

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY
Well #4	Ground Water	In Lizard Creek Basin
Corral Well	Ground Water	In Lizard Creek Basin

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

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Well #4	irrigation	hay	May 1 – Oct 31	5.554 cfs
Corral Well	irrigation	hay	May 1 – Oct 31	3.414 cfs
Total Quantity of Water Used				8.97 cfs

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

Pivot #4: Water is pumped from the well by a 250 HP turbine pump into a 10" steel mainline directly to the center pivot. **Corral Pivot:** Water is pumped from the well by a 200 HP turbine to the pivot through a 10" steel pipe. Pivot 4 belongs to Bob Ross and Corral pivot belongs to Shephen Roth.

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

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5. Variations:

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

NO

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This claim of beneficial use changes the names of the wells to coincide with the current names being used. The acreage within each pivot has changed slightly.

6. Claim Summary:

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well #4	5.554 cfs	5.59 cfs		irrigation	433.2	444.7
Corral Well	3.414 cfs	3.83 cfs		irrigation	291.2	273.1

SECTION 4
SYSTEM DESCRIPTION

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Are there multiple PODs or POAs?

YES

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

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

A. Place Well #4 of Use

1. Is the right for municipal use? NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLot	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
22 S	20 E	WM	1	NE SW			irrigation	15.7	
22 S	20 E	WM	1	NW SW			irr	2.1	
22 S	20 E	WM	1	SW SW			irr	31.0	
22 S	20 E	WM	1	SE SW			irr	40.0	
22 S	20 E	WM	1	NE SE	Lot 2		irr	0.1	
22 S	20 E	WM	1	NW SE			irr	12.7	
22 S	20 E	WM	1	SW SE			irr	40.0	
22 S	20 E	WM	1	SE SE	Lot 1		irr	18.0	
22 S	20 E	WM	11	NE NE			irr	1.6	
22 S	20 E	WM	12	NE NE	Lot 4		irr	27.2	
22 S	20 E	WM	12	NW NE			irr	40.0	
22 S	20 E	WM	12	SW NE			irr	39.6	
22 S	20 E	WM	12	SE NE	Lot 3		irr	12.4	
22 S	20 E	WM	12	NE NW			irr	40.0	
22 S	20 E	WM	12	NW NW			irr	40.0	
22 S	20 E	WM	12	SW NW			irr	27.0	
22 S	20 E	WM	12	SE NW			irr	40.0	
22 S	20 E	WM	12	NE SW			irr	9.7	
22 S	20 E	WM	12	NW SW			irr	0.4	
22 S	20 E	WM	12	NW SE			irr	6.8	
Total Acres Irrigated								444.3	

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

B. Diversion and Delivery System Information

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

1. Is a pump used?

YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
	H20K7100A		Turbine	open	10"

3. Motor Information

MANUFACTURER	HORSEPOWER
A C Squirrel	250

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)
250HP	55	175	0	5.59 cfs

5. Provide pump calculations:

250 HP turbine at 80% efficiency. Static water level 140'. Drawdown 35'. Pressure at 55 psi 139.7'. $7.04 \times 250 / 175 + 139.7 = 5.59$ cfs.

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

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

7. Is the distribution system piped?

YES

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
10"	2450'	Steel	buried

9. Lateral or Handline Information

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

10. Sprinkler Information

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

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

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Lindsey, 15 tower	2482'	55	2550 GPM	5.68 cfs

12. Additional notes or comments related to the system:

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C. Groundwater Source Information (Well and Sump)

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

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

An air line has been installed

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
Well log included						

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.

DESC 56139 L 63277

5. Is the appropriation from a dug well (sump)? **NO**

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

D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir) **NO**

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

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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**

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

F. Gravity Flow Canal or Ditch

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

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? **NO**

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

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer? **NO**

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

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

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

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A. Place of Use

1. Is the right for municipal use? NO

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If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLot	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
22 S	20 E	WM	12	SE NE	L 3		irrigation	11.5	
22 S	20 E	WM	12	NE SE	L 2		irr	22.4	
22 S	20 E	WM	12	SE SE	L 1		irr	4.7	
22 S	21 E	WM	7	SW NE			irr	4.4	
22 S	21 E	WM	7	NE NW			irr	2.3	
22 S	21 E	WM	7	NW NW			irr	3.8	
22 S	21 E	WM	7	SW NW			irr	39.6	
22 S	21 E	WM	7	SE NW			irr	36.7	
22 S	21 E	WM	7	NE SW			irr	40.0	
22 S	21 E	WM	7	NW SW			irr	40.3	
22 S	21 E	WM	7	SW SW			irr	28.4	
22 S	21 E	WM	7	SE SW			irr	24.8	
22 S	21 E	WM	7	NW SE			irr	12.8	
22 S	21 E	WM	7	SW SE			irr	1.4	
Total Acres Irrigated								273.1	

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

B. Diversion and Delivery System Information

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

1. Is a pump used? YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
			Turbine	open	10"

3. Motor Information

MANUFACTURER	HORSEPOWER
US Electric	200

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)
200HP	60	215'	0	3.83 cfs

5. Provide pump calculations:

200 HP turbine at 80% efficiency. Static water level 180'. Drawdown 35'. Pressure at 60 psi 152.4'. $7.04 \times 200 / 215 + 152.4 = 3.83$ cfs.

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

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

7. Is the distribution system piped? **YES**

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

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
10"	1900'	Steel	buried

9. Lateral or Handline Information

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

10. Sprinkler Information

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

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Zimmatic, 11 tower	1946'	60	1750 GPM	3.89 cfs

12. Additional notes or comments related to the system:

C. Groundwater Source Information (Well and Sump)

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

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

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

The well has had an air line installed.

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

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

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.

DESC 58017; L 86838

5. Is the appropriation from a dug well (sump)? **NO**

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

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D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir) **NO**

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

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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**

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

F. Gravity Flow Canal or Ditch

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

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? **NO**

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

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer? **NO**

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

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

SECTION 5 CONDITIONS

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

1. Time Limits:

Permits, transfer final orders, and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be

referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit, extension or transfer final order:

	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	2004		
BEGIN CONSTRUCTION (A)	NA		Well #4 drilled 5/11/2004. Corral well - 4/10/2007
COMPLETE CONSTRUCTION (B)	NA		The wells and pivots were on line in 2007.
COMPLETE APPLICATION OF WATER (C)	10/1/2008	May, 2007	Corral pivot installed spring 2007 and crop planted.

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

2. Is there an extension final order(s)? **NO**

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

4. Initial Water Level Measurements:

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- a. Was the water user required to submit an initial static water level measurement? **YES**
- b. What month was the initial measurement to be taken in?

March

c. Was the measurement submitted to the Department? **YES**

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

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT

5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? **YES, for seven consecutive annual measurements.**

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

March

- c. Were the static water level measurements taken in the month(s) required? **YES**
- d. If "YES", were those measurements submitted to the Department? **YES**
- e. If the annual measurements were not submitted, provide the measurements now:

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

- a. Did the permit require the submittal of a pump test? **YES**
- b. Has the pump test been previously submitted to the Department? **NO**
- c. Is the pump test attached to this claim? **NO, it will be submitted as soon as the test is performed next spring.**
- d. Has the pump test been approved by the Department? **NO**
- e. Has a pump test exemption been approved by the Department? **NO**

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

7. Measurement Conditions:

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

b. Has a meter been installed? **YES**

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Pivot #4	GF Signet		Working		Spring, 2005
Corral	McCrometer	07-04674-08	Working		Spring, 2007

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

8. Recording and reporting conditions

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

b. Have the reports been submitted? **YES**

METHOD OF SUBMITTING REPORT (PAPER OR ELECTRONIC)	WATER USER REPORTING ID
Both methods have been used	

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

9. Fish Screening

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

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

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10. By-pass Devices

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

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

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

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

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

**SECTION 6
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
Claim map	
Well logs	

**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.

I used a GPS to locate the wells and pivots. The roads were drafted from Hampton and West of Hampton quad maps

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SALEM, OR

Well # 1
P 6-15706

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

WELL I.D. # L 63277
START CARD # 162625

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

(1) LAND OWNER: Name David Roth Well Number _____
Address PO Box 358
City Christmas Valley State OR Zip 97641

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

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

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 360 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
23"	0	43	Gravel	0	43	1.3 Sacks
16"	43	360'				

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

(6) CASING/LINER:
Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded
Casing: #16" +1 43 250
Liner: _____
Drive Shoe used Inside Outside None
Final location of shoe(s) _____

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Artesian
Yield gal/min 1500+ Drawdown _____ Drill stem at _____ Time (1 hr)

Temperature of water 53° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County, Deschutes Latitude _____ Longitude _____
Township 22 N or S Range 20 E or W. WM.
Section 1 SE 1/4 10E 1/4 NW 1/4 SE 1/4
Tax Lot 200 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 2 1/2 mile west of Hampton Store

(10) STATIC WATER LEVEL:
136.2 ft. below land surface. Date 5/11/04
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
165	180	1500	136' 2"
322	360	500	136' 2"

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
TOP SOIL	0	2	
Gravel Sand	2	15	
CLAY	15	43	
Brown Clay	43	85	
Gravel Basalt	85	145	
Brown Sandstone	145	165	
Flint bed	165	180	
Brown Sandstone	180	322	
CLAY Brown	322	360	

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JUL 06 2004
WATER RESOURCES DEPT
SALEM, OREGON
Date started 4-27-04 Completed 5-11-04
(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number _____
Signed _____ Date _____
(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1651
Signed J. Howard Date 6-23-04

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

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DEC 12 2014

SALEM, OR

DESC 58017

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

Per G-15706
 Corral Well

WELL I.D. # L 86838
 START CARD # 188626

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

(1) LAND OWNER Well Number _____
 Name Stephen & Clancy Trout
 Address 41600 Hwy 20
 City Brotherton State OR Zip 97712

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
 Depth of Completed Well 220 ft.
 Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or Pounds
24"	0	49	BENT	0	49	80 Sack
16"	49	220				

How was seal placed: Method A B C D E
 Other 3/8 hole plug
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing: 16"	41	49	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Drive Shoe used Inside Outside None
 Final location of shoe(s) _____

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

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
2000+		220	1hr

Temperature of water 50° Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL (legal description)
 County DESCUTES
 Tax Lot 300 Lot _____
 Township 22 S N or S Range 21 E E or W WM
 Section 7 SE 1/4 NW 1/4

Lat 43°40'7" or 43.40744 (degrees or decimal)
 Long _____ or 120.1485 (degrees or decimal)
 Street Address of Well (or nearest address) No Address assigned

(10) STATIC WATER LEVEL
180' ft. below land surface. Date 4-10-07
188' ft. below land surface. Date 4-10-07
 Artesian pressure _____ lb. per square inch Date _____

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

From	To	Estimated Flow Rate	SWL
190	220	2000+	190

(12) WELL LOG Ground Elevation _____

Material	From	To	SWL
TOP Soil	0	2	
Brown clay sand	2	40	
Brown loam rock	40	190	
Plastic gravel	190	199	
Blow catch Brown	199	220	

RECEIVED BY OWRD
 DEC 12 2014
 SALEM, OR

Date Started 4-6-07 Completed 4-10-07

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

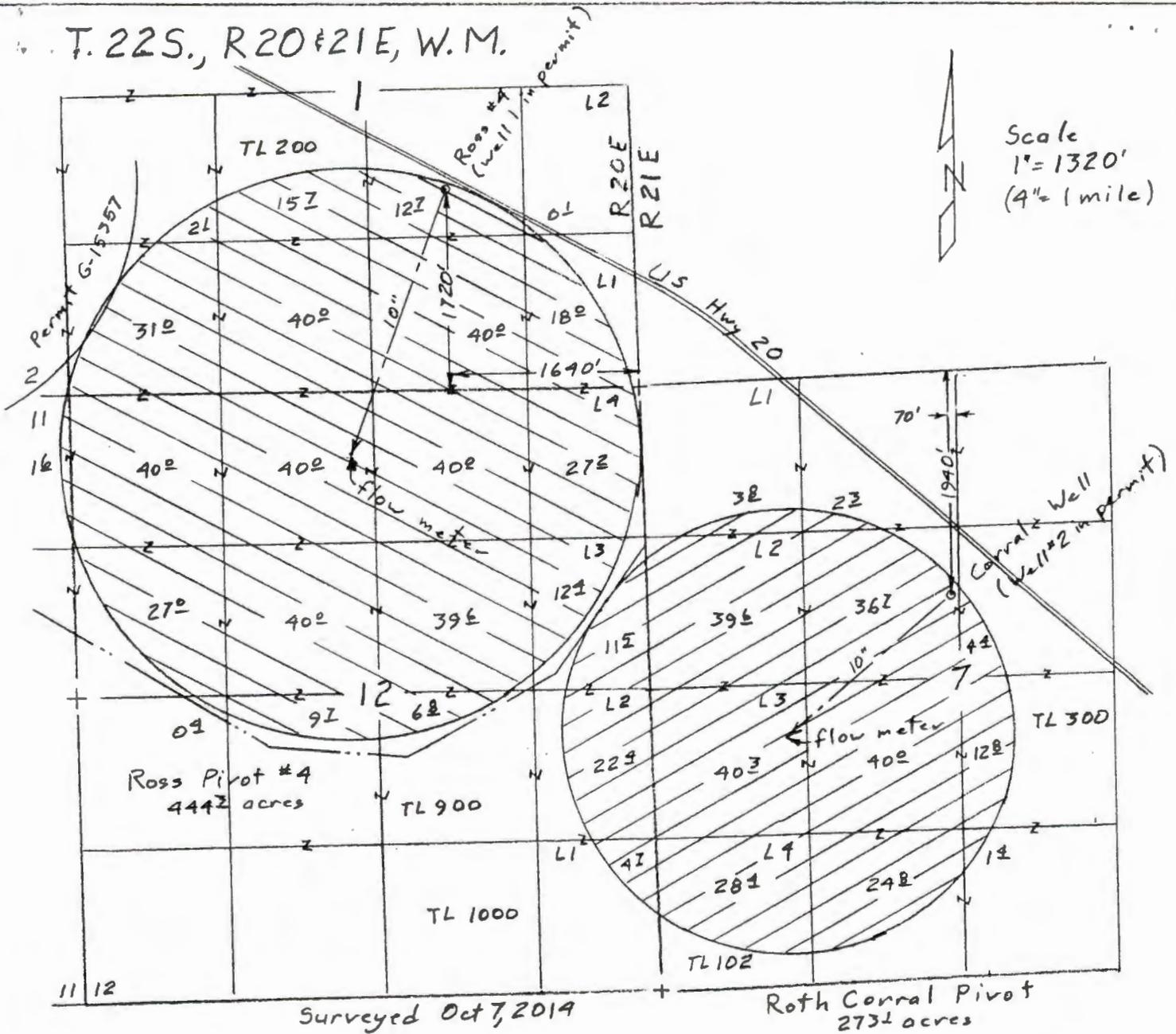
WWC Number _____ Date _____
 Signed _____

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

WWC Number 16541 Date 5-11-07
 Signed Shed

RECEIVED
 MAY 23 2007

T. 22S., R20&21E, W.M.



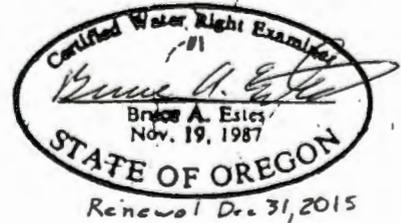
Scale
 1" = 1320'
 (4" = 1 mile)

Surveyed Oct 7, 2014

Roth Corral Pivot
2732 acres

Claim of Beneficial Use Map
 for
 Robert Ross & Stephen Roth

App G-16123
 Per G-15706



RECEIVED BY OWRD

DEC 12 2014

SALEM, OR

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.

ESTES SURVEYS, LLC

PO Box 17519
 Salem, OR 97306-7519
 (503) 585-7593

60382 Arnold Rd
 Bend, OR 97702
 (541) 382-7391



Oregon

John A. Kitzhaber, MD, Governor

September 29, 2014

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrd.state.or.us

Northwest Farm Credit Services

P.O. Box 607

Redmond, Oregon 97756

Reference: Application G-16895, Permit G-17047 – Application G-16123, Permit G-15706
Application G-15773, Permit G-16357 – Application G-12997, Permit G-12646

The assignment from Stephen Roth and Clancy Roth to Northwest Farm Credit Services, FLCA, and Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth has been recorded in the records of the Water Resources Department.

The Departments records will now show Northwest Farm Credit Services, FLCA, and Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth as the permit holders of record.

Our records have been changed accordingly and the original request is enclosed. Receipt numbers 113547 and 113548 covering the recording fees are also enclosed.

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

Sincerely,

Jerry Sauter

Water Rights Program Analyst

Water Right Services Division

Enclosure: Receipts 113547 and 113548

cc: Watermaster 11

Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth

Data Center, OWRD (cover letter & request)

Hydrographics

Dorothy Pederson

File





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

Request for Assignment

RECEIVED BY OWRD

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

SEP 26 2014

I, Clancy R. Roth, Bar DR Land & Cattle, LLC, a Limited Liability Company and Stephen F. Roth
 (Name of Applicant / Permit / Transfer Holder / License Holder / GR Certificate of Registration)

SALEM, OR

41600 E. Hwy 20 Brothers, OR 97712 (541) 410-1012
 (Mailing Address) (City) (State) (Zip) (Phone #)

- hereby assign all my interest in and to application/permit/transfer/license/GR Certificate of Registration;
- hereby assign all my interest in and to a portion of application/permit/transfer/license/GR Certificate Registration; (You must include a map showing the portion of the application/permit/transfer/license/GR Certificate of Registration to be assigned.)
- hereby assign a portion of my interest in and to the entire application/permit/transfer/license/GR Certificate of Registration:

Application # G-16123; Permit # G-15706; Transfer # _____

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

As filed in the office of the Water Resources Director, to:

Northwest Farm Credit Services, FLCA 3113 South Highway 97, Suite 100, PO Box 607 Redmond, OR 97756
 (Name of New Owner) (Mailing Address) (City) (State) (Zip)

Clancy R. Roth, Bar DR Land & Cattle, LLC, a Limited Liability Company and Stephen F. Roth
 (Name of New Owner)

41600 E. Hwy 20 Brothers, OR 97712 (541) 410-1012
 (Mailing Address) (City) (State) (Zip) (Phone #)

Note: If there are other owners of the property described in this Application, Permit, Transfer, License, or GR Certificate of Registration, you must provide a list of all other owners' names and mailing addresses and attach it to this form.

I hereby certify that I have notified all other owners of the property described in this Application, Permit, Transfer, License, or GR Certificate of Registration of this Request for Assignment

Witness my hand this 22nd day of July, 20 14

Applicant/Permit Holder See exhibit "A" for signatures

Applicant/Permit Holder _____

ASSIGNED

DO NOT WRITE IN THIS BOX
 WATER RIGHTS DIVISION

- This certifies assignment and record change at Oregon Water Resources Department effective 8:00a.m. on date of receipt at Salem, Oregon.
- Fee receipt # 115547
- For Director by Jerry Sauer, Program Analyst in Water Rights Division

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

RECEIVED BY OWRD

Exhibit A

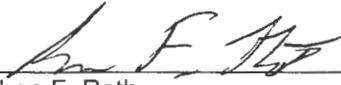
SEP 26 2014

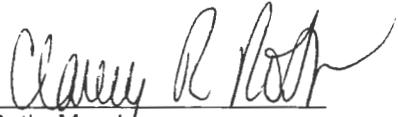
Date 7-22-14

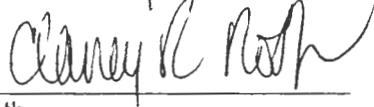
SALEM, OR

Bar DR Land & Cattle, LLC

By: 
Stephen F. Roth, Member


Stephen F. Roth

By: 
Clancy R. Roth, Member


Clancy R. Roth



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

June 2, 2009

Northwest Farm Credit Services, FLCA
Attn: Jessica Hanna
P.O. Box 607
Redmond, Oregon 97756

Reference: Application G-16123, Permit G-15706 – Application G-15773, Permit G-15357
Application G-12997, permit G-12646

The requested assignments cannot be made as these permits are not in the name of the requestor.

Application G-16123, Permit G-15706 is in the name of David Roth and Janette Roth.
Application G-15773, Permit G-15357 is in the name of Robert G. Ross Jr. and Nanette T. Ross
and Northwest Farm Credit Services, FLCA. Assigned July 8, 2008.
Application G-12997, permit G-12646 is in the name of David and Janette Roth.

I am returning your requests and check. Should you have any questions, please do not hesitate to contact me at the address above or by telephone at 503.986.0817.

Sincerely,

Jerry Sauter
Water Rights Program Analyst

Enclosure: Requests and check

cc: files





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

Request for Assignment

By Proof of Ownership
 (If Permit/Transfer Holder is not available)

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

I, Stephen F. Roth, Clancy R. Roth, and Northwest Farm Credit Services, FLCA
 (Name of Party Requesting Assignment)

PO Box 607 Redmond OR 97756 541-504-3500
 (Mailing Address) (City) (State) (Zip) (Phone #)

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

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

Application # G-16123; Permit # G15706; Transfer# _____ **RECEIVED**
 -OR-

GR Statement # _____; GR Certificate of Registration # _____ **AUG 05 2009**

David Roth and Janette Roth WATER RESOURCES DEPT
 (Name of Permit/Transfer Holder of Record) SALEM, OREGON

PO Box 358 Christmas Valley, OR 97641
 (Mailing Address) (City) (State) (Zip) (Phone #)

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

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

Witness my hand this 4th day of August, 2009.
 Party Requesting Assignment Clancy R. Roth
 Party Requesting Assignment By: [Signature]

ASSIGNMENT PARTIAL BY PROOF 8-7-2009

DO NOT WRITE IN THIS BOX

- This certifies assignment and record change at Oregon Water Resources Department effective 8:00a.m. on date of receipt at Salem, Oregon.
 - Fee receipt # 97390
 - For Director by Jerry Sauter, Program Analyst in Water Rights Division [Signature]

Authorized agent for Northwest Farm Credit Services, FLCA

The completed "Request for Assignment form must be submitted to the Department along with a recording fee of \$50.
75



Oregon

Kate Brown, Governor

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

January 27, 2020

STEPHEN ROTH
 41600 HWY 20
 BROTHERS, OR 97712

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-16123	Permit G 15706 *	DESC0056139	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 1 (L-63277)
G-16123	Permit G 15706 *	DESC0058017	DESC0001707	10 10 1991	APPROVED	Multiple Well	A WELL (L-86838)
G 15773	Permit G 15357 *	DESC0054624	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 3 (PREVIOUSLY WELL 1)
G 15773	Permit G 15357 *	DESC0051548	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 1 (PREVIOUSLY WELL 3)
G 15773	Permit G 15357 *	DESC0055145	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 2 (PREVIOUSLY WELL 4)
G 16895	Permit G 17047 *	DESC0056138	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 10 (L-63276)
G 16895	Permit G 17047 *	DESC0059103	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 10A (L-104472)
G 15773	Permit G 15357 *	DESC0008401	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 5
G 15773	Permit G 15357 *	DESC0058016	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 6
G 16895	Permit G 17047 *	DESC0059359	DESC0001707	10 10 1991	APPROVED	Multiple Well	ARMY WELL (L-104474)
G 16895	Permit G 17047 *	DESC0059358	DESC0001707	10 10 1991	APPROVED	Multiple Well	RIMROCK WELL (L-104475)
G 15773	Permit G 15357 *	DESC0054965	DESC0001707	10 10 1991	APPROVED	Multiple Well	WELL 2 (L-53595)

A pump test was conducted at DESC 1707 on October 10, 1991 and approved on April 7, 2005.

Please contact me if you have any questions.

Sincerely,

Aurora Bouchier
 503-986-0841
 Groundwater Section

cc GW Pump Test File
 Certificates Section/Application File

Permit G-15706

**ESTES
SURVEYS** LLC

SURVEYS
CONSULTING

LAND & WATER RIGHTS

Bruce A. Estes, PLS, CWRE

60382 Arnold Mkt Rd
Bend, OR 97702
(541) 382-7334
FAX 382-7334

November 27, 2019

Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

Re: Applications G-16895, G-16123 and G-15773

Enclosed is a copy of the well test performed on the Coats well under permit G-12646 a number of years ago. This well is 6500' from wells 10 and 10A and 9500' from Army well and Rimrock well under Stephen Roth's permit G-17047. Wells 10 & 10A are about 40' higher than the Coats well, but the other two wells are about the same elevation. The wells under Stephen's other permits G-15706 and G-15357 are about the same elevation as the coats well and nearby. There have probably been pump tests conducted on the other permits in the Hampton area.

(Migard)
DESC 791 DESC 1223
or are 56-
4256 2112
↓
different
owner
don't qualify
for MWE

We would very much appreciate you allowing this test to satisfy the pump test requirement for permits G-15706, G-15357 and G-17047 also. Please let me know your decision. If you have any questions, just call. I can be reached (817) 600-9385 or (541) 419-5400.

Sincerely,



Bruce A. Estes, PLS, CWRE

Cc Stephen Roth

RECEIVED
NOV 28 2019
CWRE

Log ID: DESL 1707
gw_pump_test_id: 687
gw_pump_test_well_id: 687

RECEIVED

DEC 03 2019



Oregon Water Resources Department
UMP TEST COVER SHEET

OWRD

Well Owner:

Name Robert L. Coats
Address 63285 Skyline Ranch Rd
City, State, Zip Bend Oregon
County Deschutes

Well Location:

Township 22S (N or S), Range 2E (E or W)
Section 7B 1/4, 1/4, 1/4 SE NE NWSW
Well Depth 310 Date Drilled 10-8-91
Owner's Well No. (if any) #3
POD-ID _____

Water Right Information:

Application No. G-12997 Permit No. G-12646 Certificate No. _____
Is this well used for more than one water right? _____ (Y/N) If Yes, fill out numbers below:
App. No. _____ Permit No. _____ Cert. No. _____
App. No. _____ Permit No. _____ Cert. No. _____

Pump Test:

Test conducted by J.W. McAllister Well Owner? N (Y/N)
Company RANCH & HOME INC
Address 13103 HIGHWAY 20 WEST Date of Test 10-10-91
City, State, Zip BURNS, OR 97720

Method of Discharge Measurement MACHINE OFFICE
Method of Water Level Measurement ELECTRIC PROBE
Depth of Air Line (if used) _____
Pump Type (Turbine, Submersible, etc.) LINESHAFT TURBINE
Was pump test conducted during normal use of the well No (Y/N)

Description of point from which water level was measured TOP OF CASING
Is measuring point above or below ground level? Above
Distance between measuring point and ground level (correction factor) 12"

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? N (Y/N) 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 1/4 mile of the tested well? N (Y/N)
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance _____
Approximate elevation difference _____
Is well elevation above or below the surface water body? _____

Static Water Level Measurements: (Three measurements at least 20 minutes apart are required in the hour before pumping begins):
Time: 8:00 AM Depth to Water: 131' (ft/in)
Time: 8:20 AM Depth to Water: 131' (ft/in)
Time: 8:40 AM Depth to Water: 131' (ft/in)

Discharge Measurements: (A discharge measurement is required at the start of pumping and once an hour during the test):
Time: 8:45 AM Discharge Rate: 2400 GPM (gpm)
Time: 9:45 AM Discharge Rate: 2400 " (gpm)
Time: 10:45 AM Discharge Rate: 2400 " (gpm)
Time: 11:45 AM Discharge Rate: 2400 " (gpm)
Time: 12:45 PM Discharge Rate: 2400 " (gpm)

Pump turned on: Date: 10-10-91 Time: 9:00 AM Pump turned off: Date: 10-10-91 Time: 1:00 PM
Total pumping time: 4 hours, -- minutes

RECEIVED

Note: Well must be idle for at least 16 hours prior to the test.
SEP 28 2000 OWRD 11/90

PUMP TEST DATA SHEET

APPLICATION NO. G-12997

PERMIT NO. G-12646

P.O.D.-ID _____

All water level measurements must either be in 1) feet and inches, or 2) feet and decimal fractions. (Circle one)

DRAWDOWN DATA

RECOVERY DATA

DATE	TIME	TIME SINCE PUMP STARTED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS	DATE	TIME	TIME SINCE PUMP STOPPED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS
9/10	8:00				131'		9/10	1:00					
	8:20				131'				1:01			160'	
	8:40				131'				1:03			152'	
	9:00				131'				1:05			146'	
	9:02				137'				1:07			141'	
	9:04				142'				1:09			137'	
	9:06				147'				1:11			134'	
	9:08				151'								
	9:10				159'								
	9:15				160'								
	9:20				160'								
	9:25				160'								
	9:30				160'								
	9:35				160'								
	9:40				160'								
	9:45				160'								
	10:00				160'								
	10:15				160'								
	10:30				160'								
	10:45				160'								
	11:00				160'								
	11:15				160'								
	11:30				160'								
	11:45				160'								
	12:00				160'								
	12:20				160'								
	12:45				160'								
	1:00				160'								

RECEIVED

SEP 28 2000

OWRD 10/90



Oregon

John A. Kitzhaber, MD, Governor

September 29, 2014

Water Resources Department

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

Northwest Farm Credit Services
P.O. Box 607
Redmond, Oregon 97756

Reference: Application G-16895, Permit G-17047 – Application G-16123, Permit G-15706
Application G-15773, Permit G-16357 – Application G-12997, Permit G-12646

The assignment from Stephen Roth and Clancy Roth to Northwest Farm Credit Services, FLCA, and Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth has been recorded in the records of the Water Resources Department.

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Sincerely,

Jerry Sauter
Water Rights Program Analyst
Water Right Services Division

Enclosure: Receipts 113547 and 113548

cc: Watermaster 11
Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth
Data Center, OWRD (cover letter & request)
Hydrographics
Dorothy Pederson
File

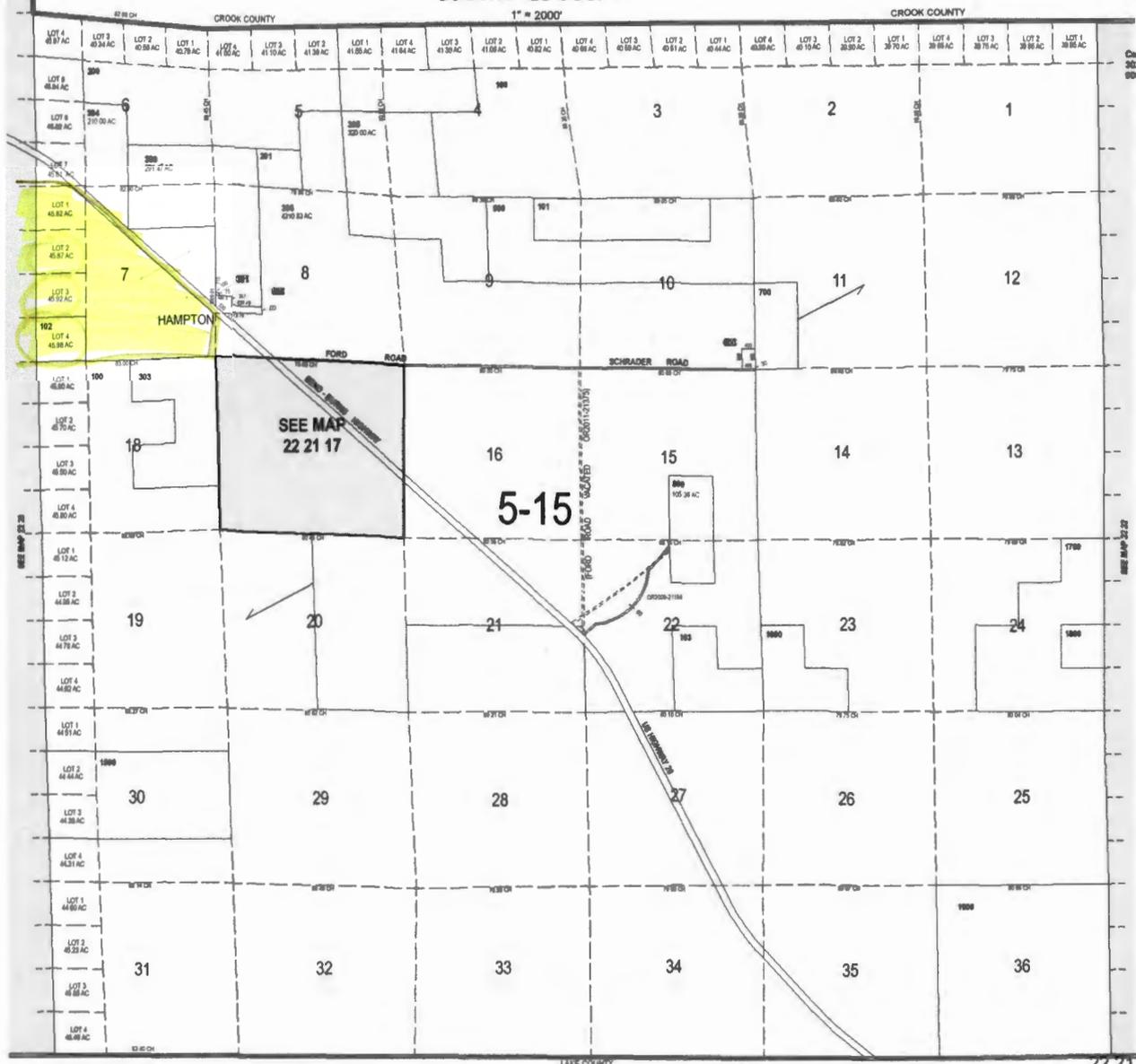
THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY

6/1/2012

T.22S. R.21E. W.M.
DESCHUTES COUNTY

22 21 0000
& INDEX

1" = 2000'



Cancelled Nos.
302
900 thru 1400

22 21 0000
& INDEX

Deschutes County Property Information

Summary for account #143564

Summary information is displayed for the selected property.

Account Information

Mailing Name: ROTH, STEPHEN F & CLANCY R
Map and Taxlot: 2221000000102
Account: 143564
Situs Address: 41405 HWY 20, BROTHERS, OR 97712
Tax Status: Assessable

Warning

This account may have potential additional tax liabilities, taxes due, or other special development conditions.

Ownership

Mailing To:
 ROTH, STEPHEN F & CLANCY R
 41600 HWY 20
 BROTHERS, OR 97712

Taxes

Property Tax (Current Year): \$13.83
 Tax Code Area: 5015

Assessment

Assessor Acres: 45.98
Property Class: 550 -- FARM
 EXCLUSIVE FARM USE POTENTIAL ADDITIONAL TAX LIABILITY

Valuation

Current Year Value Summary

As of Jan. 1, 2019
 2019 - 2020 Tax Year

Real Market Values:

Land	\$51,290
Structures	\$00
Total	\$51,290

Assessed Values:

Maximum Assessed	N/A
Assessed Value	\$1,314
Veterans Exemption	

THE INFORMATION AND MAPS ACCESSED THROUGH THIS WEB SITE PROVIDE A VISUAL DISPLAY FOR YOUR CONVENIENCE. EVERY REASONABLE EFFORT HAS BEEN MADE TO ASSURE THE ACCURACY OF THE MAPS AND ASSOCIATED DATA. DESCHUTES COUNTY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, SEQUENCE, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE DATA PROVIDED HEREIN. DESCHUTES COUNTY EXPLICITLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. DESCHUTES COUNTY SHALL ASSUME NO LIABILITY FOR ANY ERRORS, OMISSIONS, OR INACCURACIES IN THE INFORMATION PROVIDED REGARDLESS OF HOW CAUSED. DESCHUTES COUNTY ASSUMES NO LIABILITY FOR ANY DECISIONS MADE OR ACTIONS TAKEN OR NOT TAKEN BY THE USER OF THIS INFORMATION OR DATA FURNISHED HEREUNDER.

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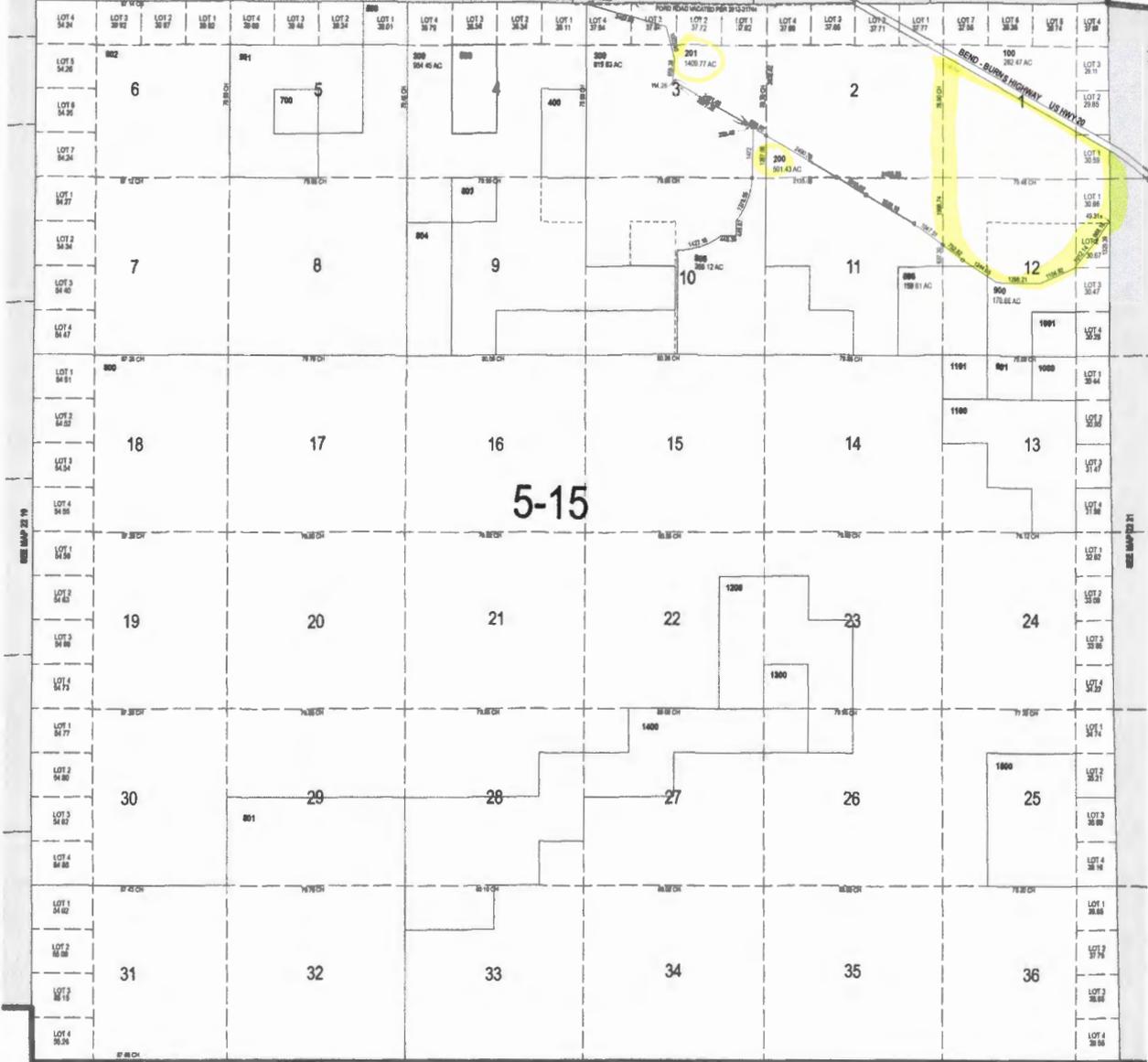
THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

T.22S. R.20E. W.M.
DESCHUTES COUNTY

22 20 00

12/7/2018

MEAS MAP 21 25 1" = 2000'



Cancelled Nos.
807

LAKE COUNTY

22 20 00

Deschutes County Property Information

Summary for account #257839

Summary information is displayed for the selected property.

Account Information

Mailing Name: ROSS FAMILY HOLDINGS LLC
Map and Taxlot: 2220000000201
Account: 257839
Situs Address: 40225 FORD RD, BEND, OR 97702
Tax Status: Assessable

Warning

This account may have potential additional tax liabilities, taxes due, or other special development conditions.

Ownership

Mailing To:
 ROSS FAMILY HOLDINGS LLC
 57264 LEE VALLEY RD
 COQUILLE, OR 97423

Taxes

Property Tax (Current Year): \$1,077.66
 Tax Code Area: 5015

Assessment

Assessor Acres: 1409.77
Property Class: 551 -- FARM
 FARM-ZONED POTENTIAL ADDITIONAL TAX 308A.062

Valuation

Current Year Value Summary

As of Jan. 1, 2019
 2019 - 2020 Tax Year

Real Market Values:

Land	\$2,224,390
Structures	\$129,090
Total	\$2,353,480

Assessed Values:

Maximum Assessed	N/A
Assessed Value	\$97,720
Veterans Exemption	

THE INFORMATION AND MAPS ACCESSED THROUGH THIS WEB SITE PROVIDE A VISUAL DISPLAY FOR YOUR CONVENIENCE. EVERY REASONABLE EFFORT HAS BEEN MADE TO ASSURE THE ACCURACY OF THE MAPS AND ASSOCIATED DATA. DESCHUTES COUNTY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, SEQUENCE, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE DATA PROVIDED HEREIN. DESCHUTES COUNTY EXPLICITLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. DESCHUTES COUNTY SHALL ASSUME NO LIABILITY FOR ANY ERRORS, OMISSIONS, OR INACCURACIES IN THE INFORMATION PROVIDED REGARDLESS OF HOW CAUSED. DESCHUTES COUNTY ASSUMES NO LIABILITY FOR ANY DECISIONS MADE OR ACTIONS TAKEN OR NOT TAKEN BY THE USER OF THIS INFORMATION OR DATA FURNISHED HEREUNDER.

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Deschutes County Property Information

Summary for account #143537

Summary information is displayed for the selected property.

Account Information

Mailing Name: ROTH STEPHEN F & CLANCY R
Map and Taxlot: 2220000000200
Account: 143537
Situs Address: 40801 HWY 20, BROTHERS, OR 97712
Tax Status: Assessable

Warning

This account may have potential additional tax liabilities, taxes due, or other special development conditions.

Ownership

Mailing To:
 ROTH STEPHEN F & CLANCY R
 41600 HWY 20
 BROTHERS, OR 97712

Taxes

Property Tax (Current Year): \$31.66
 Tax Code Area: 5015

Assessment

Assessor Acres: 501.43
Property Class: 550 -- FARM
 EXCLUSIVE FARM USE POTENTIAL ADDITIONAL TAX LIABILITY

Valuation

Current Year Value Summary

As of Jan. 1, 2019
 2019 - 2020 Tax Year

Real Market Values:

Land	\$218,280
Structures	\$00
Total	\$218,280

Assessed Values:

Maximum Assessed	N/A
Assessed Value	\$3,008
Veterans Exemption	

THE INFORMATION AND MAPS ACCESSED THROUGH THIS WEB SITE PROVIDE A VISUAL DISPLAY FOR YOUR CONVENIENCE. EVERY REASONABLE EFFORT HAS BEEN MADE TO ASSURE THE ACCURACY OF THE MAPS AND ASSOCIATED DATA. DESCHUTES COUNTY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, SEQUENCE, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE DATA PROVIDED HEREIN. DESCHUTES COUNTY EXPLICITLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. DESCHUTES COUNTY SHALL ASSUME NO LIABILITY FOR ANY ERRORS, OMISSIONS, OR INACCURACIES IN THE INFORMATION PROVIDED REGARDLESS OF HOW CAUSED. DESCHUTES COUNTY ASSUMES NO LIABILITY FOR ANY DECISIONS MADE OR ACTIONS TAKEN OR NOT TAKEN BY THE USER OF THIS INFORMATION OR DATA FURNISHED HEREUNDER.

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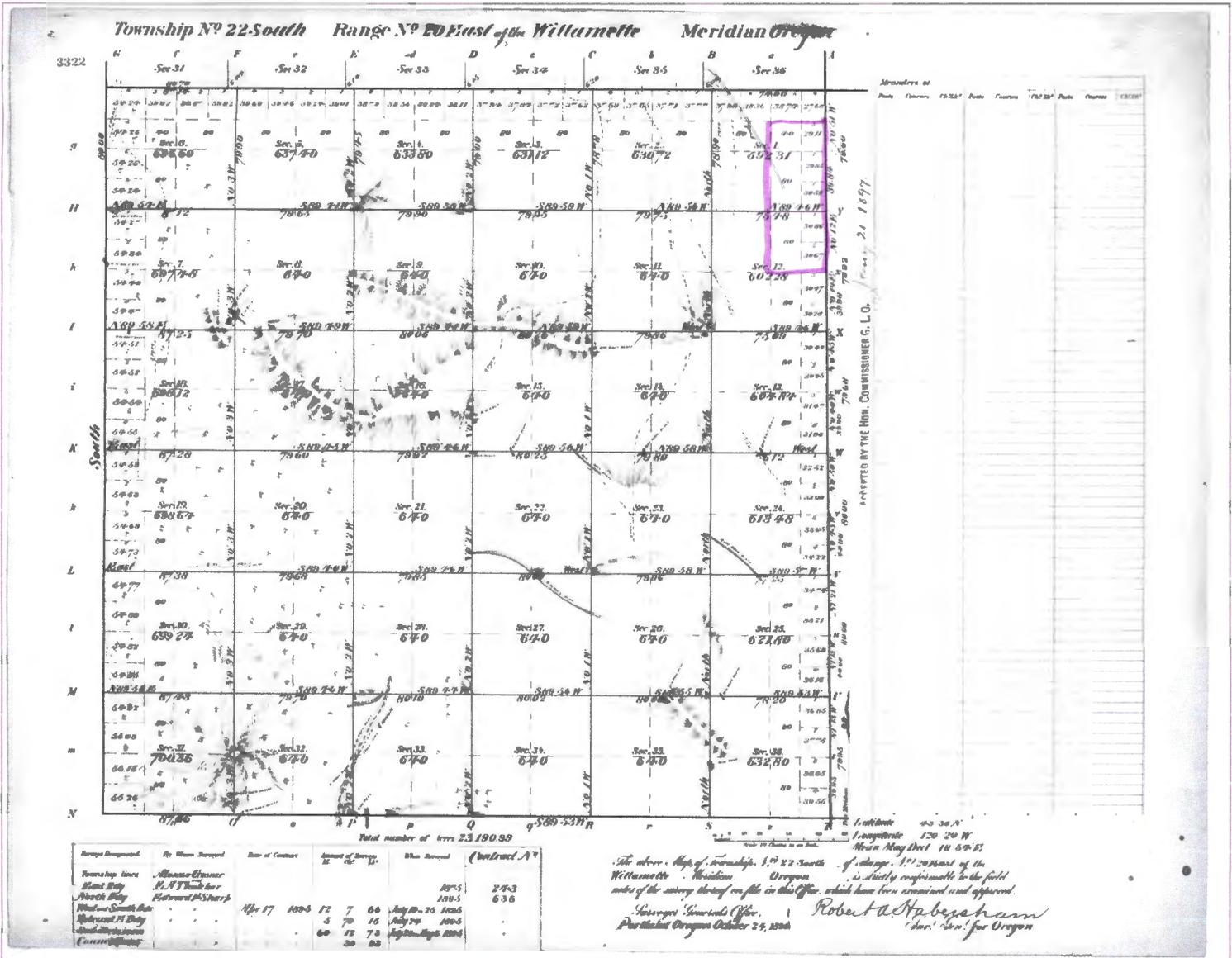


Places of Use from Water Rights in the Same Area

The following rights have acreage in the same quarter-quarter as Permit: G 15706 * *NQ*

Right	Name	Decree	App	Permit	Cert	Priority	Status	Use	T-R-S-QQ	DLC	Gov't Lot	Acres
PERMIT: G 12646 *	NORTHWEST FARM CREDIT SERVICES FCLA		G-12997	G-12646		6/23/1992	NC	IR	22.00S-21.00E-07-SWNE			11.9000
PERMIT: G 15357 *	BAR DR LAND AND CATTLE LLC		G-15773	G-15357		6/3/2002	NC	IR	22.00S-20.00E-01-SWSW			12.2000

reset pan blowup reduce enlarge print_screen print_plat help about

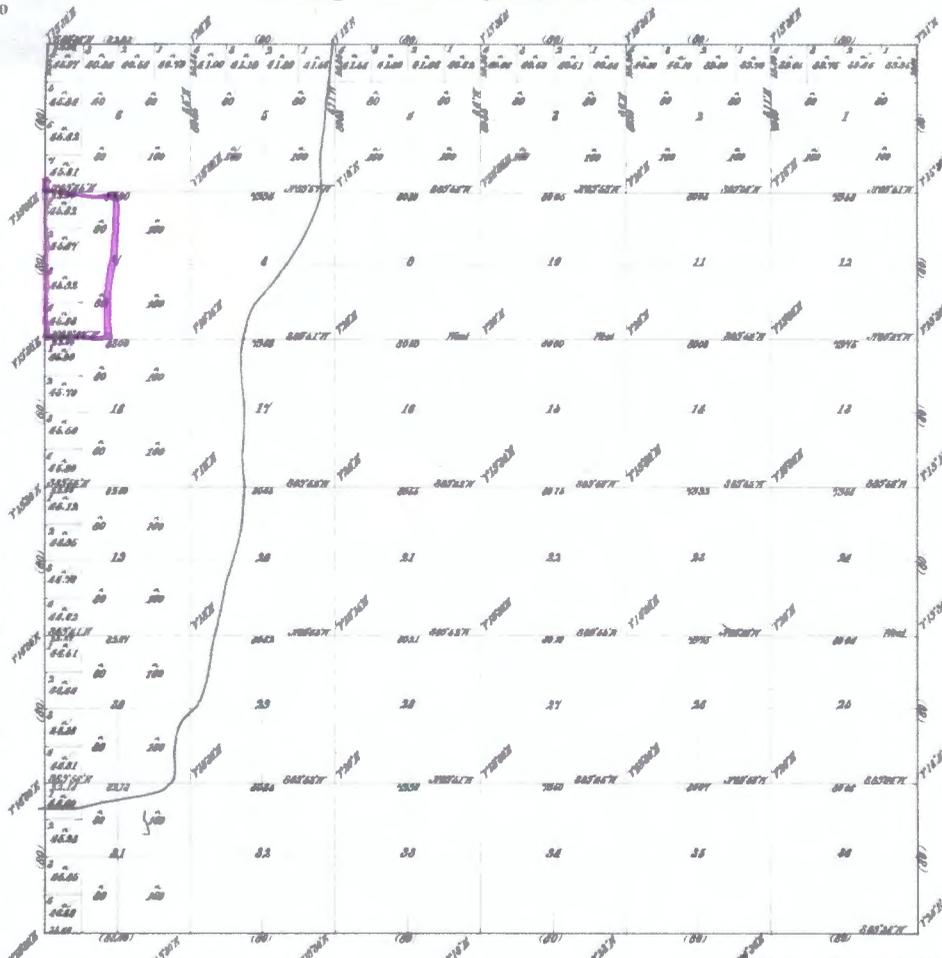


reset pan blowup reduce enlarge print_screen print_plat help about

3380

Township 23 South, Range 21 East, Will. Mer. Or.

Sections	Area
1	640.50
2	640.50
3	640.50
4	640.50
5	640.50
6	640.50
7	640.50
8	640.50
9	640.50
10	640.50
11	640.50
12	640.50
13	640.50
14	640.50
15	640.50
16	640.50
17	640.50
18	640.50
19	640.50
20	640.50
21	640.50
22	640.50
23	640.50
24	640.50
25	640.50
26	640.50
27	640.50
28	640.50
29	640.50
30	640.50
31	640.50
32	640.50
33	640.50
34	640.50
Total	22176.00



Revised Descriptions
 This is Township to show the current average. Its chief value is for check and being adapted to grading purposes. Land generally rolling and level, and good 2nd and 3rd rate. Underlying surface similar to the Northern tier of sections.



Lines	Contractors	Contracted To	Date	Amount Received	When Paid	Contracted	Completed
Subdivisions	Cosner & Thacher	243	Sept. 3, 1875	60 16 06	Nov. 11, 1875	Nov. 17, 1875	
Interiors				12 08 84			

The above Map of the Subdivisional lines of Township 23 South, Range 21 East, Will. Mer. Or., is strictly conformable to the original field notes of the survey stored on file in this Office, which have been examined and approved.
 U.S. Survey-General's Office,
 Portland, Oregon,
 February 22, 1876

B. ...
 Survey Gen'l of Oregon

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: DESC 58017

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

Site Identification (Click to Collapse...)

GW LogID: DESC 58017 [Well Log Database](#)
GW Well Tag Number: 86838
Tag Verified on Well: Yes
Site Type: WELL
Primary Use:
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: WOZNAK
Established Date: 02/28/2017
Bonded Company: SEARCH DRILLING INC
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 43.67926300 **Horiz. Error:** 200.00
Longitude: -120.24745900 **Datum:** WGS1984
Lat/Long Source: WR UNKNOWN SOURCE

Location
TRSQQ: WM 22.00S21.00E7SENW
Tax Map: 222100000306
Taxlot: 306
24 Quad: HAMPTON
Basin: 5 - Deschutes
County: Deschutes
WM District: 11
WM Region: SC
LSD Elev: 4421.00 **Accy:** 30.00 **Datum:** NAVD1988
Elev Source: DEM 10 METER
[Groundwater Mapping Tool](#)



USDA FSA, GeoEye, Maxar

Water Rights (Click to Expand.)

Well Construction History (Click to Expand..)

Lithology (Click to Expand.)

Well Construction (Click to Expand...)

Measured Water Level (Click to Collapse...)

Records/Page: 20

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
3/28/2019				CWRE	PERMIT CONDITION PROGRAM	NOT MEASURED	UNKNOWN	
3/28/2011				CWRE	PERMIT CONDITION PROGRAM	NOT MEASURED	UNKNOWN	
3/4/2010				CWRE	PERMIT CONDITION PROGRAM	NOT MEASURED	UNKNOWN	
3/13/2009				CWRE	PERMIT CONDITION PROGRAM	NOT MEASURED	UNKNOWN	
3/8/2008		139.65	4281.35	CWRE	PERMIT CONDITION PROGRAM	ETAPE	STATIC	2.00
4/10/2007		180.00	4241.00	DRILLER	WELL LOG	REPORTED	UNKNOWN	
4/10/2007		188.00	4233.00	DRILLER	WELL LOG	REPORTED	UNKNOWN	

1st
initial

Available Data (Click to Expand)

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: DESC 56139

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

Site Identification (Click to Collapse...)

GW LogID: DESC 56139 [Well Log Database](#)
GW Well Tag Number: 63277
Tag Verified on Well: Yes
Site Type: WELL
Primary Use:
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: Karl Wozniak
Established Date: 02/19/2007
Bonded Company: SEARCH DRILLING INC
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 43.68910300 **Horiz. Error:** 200.00
Longitude: -120.26374900 **Datum:** WGS1984
Lat/Long Source: WR UNKNOWN SOURCE

Location
TRSQQ: WM 22.00S20.00E1NWSE
Tax Map: 2220000000201
Taxlot: 201
24 Quad: WEST OF HAMPTON
Basin: 5 - Deschutes
County: Deschutes
WM District: 11
WM Region: SC
LSD Elev: 4423.00 **Accy:** 30.00 **Datum:** NAVD1988
Elev Source: DEM 10 METER
[Groundwater Mapping Tool](#)



Water Rights (Click to Expand .)

Well Construction History (Click to Expand ..)

Lithology (Click to Expand...)

Well Construction (Click to Expand .)

Measured Water Level (Click to Collapse ..)

Records/Page: 20

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
3/9/2012		141.98	4281.02	CWRE	PERMIT CONDITION PROGRAM	AIRLINE	STATIC	
3/28/2011		141.98	4281.02	CWRE	PERMIT CONDITION PROGRAM	AIRLINE	STATIC	
3/4/2010		141.98	4281.02	CWRE	PERMIT CONDITION PROGRAM	AIRLINE	STATIC	
3/13/2009		141.98	4281.02	CWRE	PERMIT CONDITION PROGRAM	AIRLINE	STATIC	
3/8/2008		141.75	4281.25	CWRE	PERMIT CONDITION PROGRAM	AIRLINE	STATIC	
3/17/2007		143.60	4279.40	CWRE	PERMIT CONDITION PROGRAM	AIRLINE	STATIC	
3/24/2006		143.13	4279.87	CWRE	PERMIT CONDITION PROGRAM	ETAPE	STATIC	
3/26/2005		139.75	4283.25	CWRE	PERMIT CONDITION PROGRAM	ETAPE	STATIC	1.33
5/11/2004		136.17	4286.83	DRILLER	WELL LOG	REPORTED	UNKNOWN	

136
nited

Available Data (Click to Expand...)

[View Hydrograph](#)

Water Use Report Based on Water Right



Permit: G 15706 *
 NORTHWEST FARM CREDIT SERVICES FCLA PO BOX 607 3113 S HWY 97 SUITE
 100 REDMOND, OR 97756

Records per page: 100 [View All](#)

Acre-feet (AF) of Water Used

Water Year*	Report ID	Facility	Acre-feet (AF) of Water Used												Total Water Used	Irrigated Acres
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		
2019	63401	A WELL (DESC 58017/L-86838)		0.00	0.00	0.00	0.00	0.00	12.45	60.85	102.56	108.78	132.13	0.00	416.77	290.00
2018	63400	ROSS WELL 4 / PIVOT 4 (DESC 56139/L-63277)	0.00	0.00	0.00	0.00	0.00	0.00	6.96	147.10	178.68	203.91	170.81	64.86	772.31	
2018	63401	A WELL (DESC 58017/L-86838)							47.62	117.19	105.20	142.71	134.15	23.03	569.90	
2017	63400	ROSS WELL 4 / PIVOT 4 (DESC 56139/L-63277)	0.00	0.00	0.00	0.00	0.00	0.00	6.96	147.10	178.68	203.91	203.91	23.43	763.98	
2017	63401	A WELL (DESC 58017/L-86838)							23.81	89.48	153.60	142.24	138.51	0.00	547.64	290.00
2016	63400	ROSS WELL 4 / PIVOT 4 (DESC 56139/L-63277)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	136.42	173.95	165.55	213.16	69.40	758.48	
2016	63401	A WELL (DESC 58017/L-86838)							47.78	83.57	99.44	336.00	0.00	10.27	577.06	290.00
2015	63400	ROSS WELL 4 / PIVOT 4 (DESC 56139/L-63277)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.06	165.78	17.74	22.40	9.56	337.55	
2015	63401	A WELL (DESC 58017/L-86838)	0.00	0.00	0.00	0.00	0.00	0.00	85.69	146.60	120.45	111.89	135.24	92.60	692.47	
2014	63401	A WELL (DESC 58017/L-86838)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.36	81.55	124.19	179.28	0.00	551.38	275.00
2013	63401	A WELL (DESC 58017/L-86838)	0.00	0.00	0.00	0.00	0.00	0.00	84.87	137.87	86.78	258.77	104.44	29.27	702.00	
2008	63400	ROSS WELL 4 / PIVOT 4 (DESC 56139/L-63277)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.00	183.00	255.00	204.00	108.00	853.00	
2008	63401	A WELL (DESC 58017/L-86838)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.00	125.00	95.00	50.00	375.00	

*The water year is named for the calendar year in which it ends. Example: the 2018 water year begins Oct. 1, 2017 and ends Sep. 30, 2018.

- The Water Resources Department makes reasonable efforts to screen the data for quality control; however, the Department cannot accept responsibility for errors, omissions, or accuracy of the information. Notification of any errors is appreciated. Send notifications to wateruse@wrdd.state.or.us or call (503) 986-0905.
- Water use is reported by point of diversion (POD), rather than by water right.
- If a POD is shared with multiple water rights, it is not feasible to separate out the amount used under the water right being queried from water



Oregon
Kate Brown, Governor

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

January 27, 2020

STEPHEN ROTH
41600 HWY 20
BROTHERS, OR 97712

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 16123	Permit G 15706 *	DESC0056139	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 1 (I-63277)
G 16123	Permit G 15706 *	DESC0058017	DESC0001707	10/10/1991	APPROVED	Multiple Well	A WELL (I-86838)
G 15773	Permit G 15357 *	DESC0054624	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 3 (PREVIOUSLY WELL 1)
G 15773	Permit G 15357 *	DESC0051548	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 1 (PREVIOUSLY WELL 3)
G 15773	Permit G 15357 *	DESC0055145	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 2 (PREVIOUSLY WELL 4)
G 16895	Permit G 17047 *	DESC0056138	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 10 (I-63276)
G 16895	Permit G 17047 *	DESC0059103	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 10A (I-104472)
G 15773	Permit G 15357 *	DESC0008401	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 5
G 15773	Permit G 15357 *	DESC0058016	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 6
G 16895	Permit G 17047 *	DESC0059359	DESC0001707	10/10/1991	APPROVED	Multiple Well	ARMY WELL (I-104474)
G 16895	Permit G 17047 *	DESC0059358	DESC0001707	10/10/1991	APPROVED	Multiple Well	RIMROCK WELL (I-104475)
G 15773	Permit G 15357 *	DESC0054965	DESC0001707	10/10/1991	APPROVED	Multiple Well	WELL 2 (I-53595)

A pump test was conducted at DESC 1707 on October 10, 1991 and approved on April 7, 2005.

Please contact me if you have any questions.

Sincerely,

Aurora Bouchier
503-986-0841
Groundwater Section

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

Permit G-15706

Completion Checklist for Claims of Beneficial Use

Application # G-16123
Date Received 12/12/14
CWRE Name Bruce Estes
File Marked _____
Oversized Map # _____
Reviewer C.V.

Transfer # _____
Claim Logged _____

Map Review:

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

Report Review:

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

DEF = deficient

N/A = Not Applicable

S:\groups\wr\certs\Resource Center\FORMS_Checklists_Mailing Instructions\COBU Checklist 11-20-2012.rtf

_____ Map and COBU reviewed
_____ Conflict check Any Conflicts? _____
_____ Check for ownership

Check Area of Interest YES NO
Identified Party _____

Staff Recommendations:

_____ Proof to the Satisfaction has been established to the full extent as described in the permit or transfer order.

_____ Proof to the Satisfaction has been not been established to the full extent as described in the permit or transfer order and the right should be limited as follows: _____

_____ Proof to the Satisfaction has not been established for the following reasons: _____

Proposed Actions:
Send letter requesting the following items/information: _____
Send letter recommending extension to cure deficiencies: _____

Can certificate be processed further?
_____ Yes

If "Yes":
_____ Proposed
_____ Final Certificate # _____

Mailing list:

Proposed:

Final:

**ESTES
SURVEYS LLC**

SURVEYS
CONSULTING

LAND & WATER RIGHTS

Bruce A. Estes, PLS, CWRE

60382 Arnold Mkt Rd
Bend, OR 97702
(541) 382-7391
FAX 382-7391

November 27, 2019

Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

Re: Applications G-16895, G-16123 and G-15773

Enclosed is a copy of the well test performed on the Coats well under permit G-12646 a number of years ago. This well is 6500' from wells 10 and 10A and 9500' from Army well and Rimrock well under Stephen Roth's permit G-17047. Wells 10 & 10A are about 40' higher than the Coats well, but the other two wells are about the same elevation. The wells under Stephen's other permits G-15706 and G-15357 are about the same elevation as the Coats well and nearby. There have probably been pump tests conducted on the other permits in the Hampton area. - neighbors wells (M/gard)

We would very much appreciate you allowing this test to satisfy the pump test requirement for permits G-15706, G-15357 and G-17047 also. Please let me know your decision. If you have any questions, just call. I can be reached (817) 600-9385 or (541) 419-5400.

Sincerely,



Bruce A. Estes, PLS, CWRE

Cc Stephen Roth

DESC 79, DESC 1283, 2 H2O MLOGs
or APPS 6-
4266 21802
↓
different
owners,
don't qualify
for MWE

RECEIVED

DEC 03 2019

OWRL

Log ID: DESL 1707
gw_pump_test_id: 687
gw_pump_test_well_id: 687

Oregon Water Resources Department
UMP TEST COVER SHEET

RECEIVED
DEC 09 2019
OWRD



Well Owner:

Name Robert L. Coats
Address 63285 Skyline Ranch Rd
City, State, Zip Bend Oregon
County Deschutes

Well Location:

Township 22S (N or S), Range 2E (E or W)
Section 7B 1/4, 1/4, 1/4 SE NE NWSW
Well Depth 310 Date Drilled 10-8-91
Owner's Well No. (if any) 43
POD-ID _____

Water Right Information:

Application No. G-12997 Permit No. G-12646 Certificate No. _____
Is this well used for more than one water right? _____ (Y/N) If Yes, fill out numbers below:
App. No. _____ Permit No. _____ Cert. No. _____
App. No. _____ Permit No. _____ Cert. No. _____

Pump Test:

Test conducted by J.W. McAllister Well Owner? N (Y/N)
Company RANCH & HOME INC
Address 13103 HIGHWAY 20 WEST Date of Test 10-10-91
City, State, Zip BURNS, OR 97720

Method of Discharge Measurement MACHINED ORFICE
Method of Water Level Measurement ELECTRIC PROBE
Depth of Air Line (if used) _____
Pump Type (Turbine, Submersible, etc.) LINESHAFT TURBINE
Was pump test conducted during normal use of the well NO (Y/N)

Description of point from which water level was measured TOP OF CASING
Is measuring point above or below ground level? ABOVE
Distance between measuring point and ground level (correction factor) 12"

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? N (Y/N) 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 1/4 mile of the tested well? N (Y/N)
If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head: Approximate distance _____
Approximate elevation difference _____
Is well elevation above or below the surface water body? _____

Static Water Level Measurements: (Three measurements at least 20 minutes apart are required in the hour before pumping begins):

Time: <u>8:00 AM</u>	Depth to Water: <u>131'</u>	(ft/in)
Time: <u>8:20 AM</u>	Depth to Water: <u>131'</u>	(ft/in)
Time: <u>8:40 AM</u>	Depth to Water: <u>131'</u>	(ft/in)

Discharge Measurements: (A discharge measurement is required at the start of pumping and once an hour during the test):

Time: <u>8:45 AM</u>	Discharge Rate: <u>2400 GPM</u>	(gpm)
Time: <u>9:45 AM</u>	Discharge Rate: <u>2400 "</u>	(gpm)
Time: <u>10:45 AM</u>	Discharge Rate: <u>2400 "</u>	(gpm)
Time: <u>11:45 AM</u>	Discharge Rate: <u>2400 "</u>	(gpm)
Time: <u>12:45 PM</u>	Discharge Rate: <u>2400 "</u>	(gpm)

Pump turned on: Date: 10-10-91 Time: 9:00 AM Pump turned off: Date: 10-10-91 Time: 1:00 PM
Total pumping time: 4 hours, -- **RECEIVED**

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

SEP 28 2000

OWRD 11/90

PUMP TEST DATA SHEET

APPLICATION NO. G-12997

PERMIT NO. G-12646

P.O.D.-ID _____

All water level measurements must either be in 1) (feet and inches), or 2) feet and decimal fractions. (Circle one)

DRAWDOWN DATA

RECOVERY DATA

DATE	TIME	TIME SINCE PUMP STARTED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS	DATE	TIME	TIME SINCE PUMP STOPPED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS
9/10	8:20				131'		9/10	1:00					
	8:40				131'				1:01			160'	
	9:00				131'				1:05			152'	
	9:02				137'				1:05			146'	
	9:04				142'				1:07			141'	
	9:06				147'				1:09			137'	
	9:08				151'				1:11			134'	
	9:10				159'								
	9:15				160'								
	9:20				160'								
	9:25				160'								
	9:30				160'								
	9:35				160'								
	9:40				160'								
	9:45				160'								
	10:00				160'								
	10:15				160'								
	10:30				160'								
	10:45				160'								
	11:00				160'								
	11:15				160'								
	11:30				160'								
	11:45				160'								
	12:00				160'								
	12:30				160'								
	12:45				160'								
	1:00				160'								

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SEP 28 2000

OWRD 10/90

CLAIM OF BENEFICIAL USE

for Permits claiming more than 0.1 cfs and All Transfers



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

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

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

A separate form shall be completed for each permit.

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

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

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

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

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

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

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

SECTION 1 GENERAL INFORMATION

1. File Information

APPLICATION # (G, R, S OR T) G-16123	PERMIT # (IF APPLICABLE) G-15706	PERMIT AMENDMENT # (IF APPLICABLE)
--	--	------------------------------------

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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME OWNER #1 Robert G. Ross, Jr. & Nanette T. Ross		PHONE NO. (541) 572-5155	ADDITIONAL CONTACT NO.
ADDRESS 57264 Lee Valley Rd.			
CITY Coquille	STATE OR	ZIP 97423	E-MAIL

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

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

PERMIT OR TRANSFER HOLDER OF RECORD OWNER #2 Stephen and Clancy Roth			
ADDRESS 41600 Hwy 20			
CITY Brothers	STATE OR	ZIP 97712	

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

PERMIT OR TRANSFER HOLDER OF RECORD OWNER #3		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection: **October 7, 2014**

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Robert Ross	October 6, 2014	Owner
Stephen Roth	Oct 6, 2014	Owner

6. County: **Deschutes**

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

OWNER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

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Add additional tables for owners of record as needed

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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.



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CWRE NAME Bruce A. Estes		PHONE NO. (541) 382-7391	ADDITIONAL CONTACT NO. (541) 419-5400
ADDRESS 60382 Arnold Mkt. Rd.			
CITY Bend	STATE OR	ZIP 97702	E-MAIL estessurveysllc@msn.com

Permit or Transfer Holder's of Record Signature or Acknowledgement

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

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

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
<i>Robert G. Ross Jr.</i>	Robert G. Ross, Jr.	Owner	12/4/14
<i>Nanette T. Ross</i>	Nanette T. Ross	Owner	12/4/14
<i>Stephen Roth</i>	Stephen Roth	Owner	11/19/14
<i>Clancy Roth</i>	Clancy Roth	Owner	11/19/14
<i>Ryan McNulty</i>	Ryan McNulty Relationship Manager - AEP.	NW Farm Credit Services	11/20/14

SECTION 3

CLAIM DESCRIPTION

1. Point of diversion/appropriation name or number:

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Well # 4 (well #1 in permit)	DESC 56139	L 63277
Corral Well (well #2 in permit)	DESC 58017	L 86838

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

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

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY
Well #4	Ground Water	In Lizard Creek Basin
Corral Well	Ground Water	In Lizard Creek Basin

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

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Well #4	irrigation	hay	May 1 – Oct 31	5.554 cfs
Corral Well	irrigation	hay	May 1 – Oct 31	3.414 cfs
Total Quantity of Water Used				8.97 cfs

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

Pivot #4: Water is pumped from the well by a 250 HP turbine pump into a 10" steel mainline directly to the center pivot. Corral Pivot: Water is pumped from the well by a 200 HP turbine to the pivot through a 10" steel pipe. Pivot 4 belongs to Bob Ross and Corral pivot belongs to Shephen Roth.

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

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5. Variations:

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

NO

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This claim of beneficial use changes the names of the wells to coincide with the current names being used. The acreage within each pivot has changed slightly.

6. Claim Summary:

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well #4	5.554 cfs	5.59 cfs		irrigation	433.2	444.7
Corral Well	3.414 cfs	3.83 cfs		irrigation	291.2	273.1

**SECTION 4
SYSTEM DESCRIPTION**

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Are there multiple PODs or POAs?

YES

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

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

A. Place Well #4 **of Use**

1. Is the right for municipal use? NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
22 S	20 E	WM	1	NE SW			irrigation	15.7	
22 S	20 E	WM	1	NW SW			irr	2.1	
22 S	20 E	WM	1	SW SW			irr	31.0	
22 S	20 E	WM	1	SE SW			irr	40.0	
22 S	20 E	WM	1	NE SE	Lot 2		irr	0.1	
22 S	20 E	WM	1	NW SE			irr	12.7	
22 S	20 E	WM	1	SW SE			irr	40.0	
22 S	20 E	WM	1	SE SE	Lot 1		irr	18.0	
22S	20 E	WM	11	NE NE			irr	1.6	
22 S	20 E	WM	12	NE NE	Lot 4		irr	27.2	
22 S	20 E	WM	12	NW NE			irr	40.0	
22 S	20 E	WM	12	SW NE			irr	39.6	
22 S	20 E	WM	12	SE NE	Lot 3		irr	12.4	
22 S	20 E	WM	12	NE NW			irr	40.0	
22 S	20 E	WM	12	NW NW			irr	40.0	
22 S	20 E	WM	12	SW NW			irr	27.0	
22 S	20 E	WM	12	SE NW			irr	40.0	
22 S	20 E	WM	12	NE SW			irr	9.7	
22 S	20 E	WM	12	NW SW			irr	0.4	
22 S	20 E	WM	12	NW SE			irr	6.8	
Total Acres Irrigated								444.3	

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

B. Diversion and Delivery System Information

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

1. Is a pump used?

YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
	H20K7100A		Turbine	open	10"

3. Motor Information

MANUFACTURER	HORSEPOWER
A C Squirrel	250

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)
250HP	55	175	0	5.59 cfs

5. Provide pump calculations:

250 HP turbine at 80% efficiency. Static water level 140'. Drawdown 35'. Pressure at 55 psi 139.7'. $7.04 \times 250 / 175 + 139.7 = 5.59$ cfs.

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

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

7. Is the distribution system piped? **YES**

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
10"	2450'	Steel	buried

9. Lateral or Handline Information

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

10. Sprinkler Information

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

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

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Lindsey, 15 tower	2482'	55	2550 GPM	5.68 cfs

12. Additional notes or comments related to the system:

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C. Groundwater Source Information (Well and Sump)

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

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

An air line has been installed

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
Well log included						

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.

DESC 56139 L 63277

5. Is the appropriation from a dug well (sump)? **NO**

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

D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir) **NO**

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

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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**

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

F. Gravity Flow Canal or Ditch

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

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? **NO**

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

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer? **NO**

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

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

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

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A. Place of Use1. Is the right for municipal use? **NO**

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLot	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
22 S	20 E	WM	12	SE NE	L 3		irrigation	11.5	
22 S	20 E	WM	12	NE SE	L 2		irr	22.4	
22 S	20 E	WM	12	SE SE	L 1		irr	4.7	
22 S	21 E	WM	7	SW NE			irr	4.4	
22 S	21 E	WM	7	NE NW			irr	2.3	
22 S	21 E	WM	7	NW NW			irr	3.8	
22 S	21 E	WM	7	SW NW			irr	39.6	
22 S	21 E	WM	7	SE NW			irr	36.7	
22 S	21 E	WM	7	NE SW			irr	40.0	
22 S	21 E	WM	7	NW SW			irr	40.3	
22 S	21 E	WM	7	SW SW			irr	28.4	
22 S	21 E	WM	7	SE SW			irr	24.8	
22 S	21 E	WM	7	NW SE			irr	12.8	
22 S	21 E	WM	7	SW SE			irr	1.4	
Total Acres Irrigated								273.1	

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

B. Diversion and Delivery System Information

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

1. Is a pump used? **YES****2. Pump Information**

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
			Turbine	open	10"

3. Motor Information

MANUFACTURER	HORSEPOWER
US Electric	200

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)
200HP	60	215'	0	3.83 cfs

5. Provide pump calculations:

200 HP turbine at 80% efficiency. Static water level 180'. Drawdown 35'. Pressure at 60 psi 152.4'. $7.04 \times 200 / 215 + 152.4 = 3.83$ cfs.

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

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

7. Is the distribution system piped? **YES**

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

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
10"	1900'	Steel	buried

9. Lateral or Handline Information

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

10. Sprinkler Information

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

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Zimmatic, 11 tower	1946'	60	1750 GPM	3.89 cfs

12. Additional notes or comments related to the system:

C. Groundwater Source Information (Well and Sump)

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

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

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

The well has had an air line installed.

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

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

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.

DESC 58017; L 86838

5. Is the appropriation from a dug well (sump)? **NO**

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

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D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir) **NO**

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

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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**

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

F. Gravity Flow Canal or Ditch

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

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? **NO**

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

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer? **NO**

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

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

**SECTION 5
CONDITIONS**

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

1. Time Limits:

Permits, transfer final orders, and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be

referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit, extension or transfer final order:

	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	2004		
BEGIN CONSTRUCTION (A)	NA		Well #4 drilled 5/11/2004. Corral well - 4/10/2007
COMPLETE CONSTRUCTION (B)	NA		The wells and pivots were on line in 2007.
COMPLETE APPLICATION OF WATER (C)	10/1/2008	May, 2007	Corral pivot installed spring 2007 and crop planted.

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

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2. Is there an extension final order(s)? **NO**

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

4. Initial Water Level Measurements:

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

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

March

c. Was the measurement submitted to the Department? **YES**

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

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT

5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? **YES, for seven consecutive annual measurements.**

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

March

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

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

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

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

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

b. Has the pump test been previously submitted to the Department? **NO**

c. Is the pump test attached to this claim? **NO, it will be submitted as soon as the test is performed next spring.**

d. Has the pump test been approved by the Department? **NO**

e. Has a pump test exemption been approved by the Department? **NO**

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

7. Measurement Conditions:

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

b. Has a meter been installed? **YES**

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Pivot #4	GF Signet		Working		Spring, 2005
Corral	McCrometer	07-04674-08	Working		Spring, 2007

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

8. Recording and reporting conditions

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

b. Have the reports been submitted? **YES**

METHOD OF SUBMITTING REPORT (PAPER OR ELECTRONIC)	WATER USER REPORTING ID
Both methods have been used	

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

9. Fish Screening

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

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

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10. By-pass Devices

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

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

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

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

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

--

**SECTION 6
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
Claim map	
Well logs	

**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.

I used a GPS to locate the wells and pivots. The roads were drafted from Hampton and West of Hampton quad maps
--

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SALEM, OR

Well # 1
P 6-15706

now Ross #4

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

WELL I.D. # L 63277
START CARD # 162625

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

(1) LAND OWNER: Name David Roth Well Number _____
Address PO Box 358
City Christmas Valley State OR Zip 97641

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

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

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

(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well 360 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
23"	0	43'	Gravel	0	43'	63 Sacks
16"	43'	360'				

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

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

(6) CASING/LINER: Diameter 16" From 41 To 43 Gauge, Steel 250 Plastic Welded Threaded
Liner: _____
Drive Shoe used Inside Outside None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS: Perforations Method _____
 Screens Type _____ Material _____
From To Slot size Number Diameter Tele/pipes size Casing Liner

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
Yield gal/min 1500+ Drawdown _____ Drill stem at 360 Time (1hr)

Temperature of water 53° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description: County Oregon Latitude _____ Longitude _____
Township 22 N or S Range 20 E or W. WM.
Section 1 SE 1/4 16 1/4 NW 1/4 SE 1/4
Tax Lot 200 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 2 1/2 mile west of Hamlet's Store

(10) STATIC WATER LEVEL: 136' 2" ft. below land surface. Date 5-11-04
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
165	180	1500	136' 2"
322	360	500	136' 2"

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
TOP SOIL	0	2	
Gravel Sand	2	15	
Coar. Blown	15	43	
Branc. Clay	43	85	
Grav. Basalt	85	145	
Blown Sand Stone	145	165	
Perm. Sand	165	180	
Branc. Sand Stone	180	322	
Clay. Broken	322	360	

RECEIVED

MAR 06 2004

WATER RESOURCES DEPT
SALEM, OREGON

Date started 4-27-04 Completed 5-11-04

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed _____ Date _____ WWC Number _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed J. Shaw Date 6-23-04 WWC Number 16541

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

RECEIVED BY OWRD

DEC 12 2014

SALEM, OR

DESC 58017

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

Per G-15706
Corral Well

WELL I.D. # L 86838
START CARD # 188626

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

(1) LAND OWNER
Name Stephen & Clancy Roth Well Number _____
Address 41600 Hwy 20
City Brother's State OR Zip 97712

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: Yes No
Depth of Completed Well 220 ft.
Explosives used: Yes No Type _____ Amount _____

BORE HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or Pounds
24"	0	49	Best	0	49	80 Sack
16"	49	220				

How was seal placed: Method A B C D E
 Other 3/8 hole plug
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

Casing:	Diameter	From	To	Gauge	SEAL			
					Steel	Plastic	Welded	Threaded
	16"	41	49	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used Inside Outside None
Final location of shoe(s) _____

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

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
200+		220	1hr

Temperature of water 50° Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL (legal description)
County Deschutes
Tax Lot 300 Lot _____
Township 22 S N or S Range 21 E E or W WM
Section 7 SE 1/4 NW 1/4

Lat 43° 40.7' 44" or 43 40 7.44 (degrees or decimal)
Long _____ or 120 14 55 (degrees or decimal)

Street Address of Well (or nearest address) no address assigned

(10) STATIC WATER LEVEL
150' ft. below land surface. Date 1-10-07
188' ft. below land surface. Date 4-10-07
Artesian pressure _____ lb. per square inch Date _____

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

From	To	Estimated Flow Rate	SWL
190	220	200+	150

(12) WELL LOG

Material	Ground Elevation		SWL
	From	To	
TOP Soil	2	2	
Dark clay sand	40	40	
Brown loam rock	40	190	
Plum gravel	190	199	
Brown clay Brown	199	220	

RECEIVED BY OWRD
DEC 12 2014
SALEM, OR

Date Started 4-6-07 Completed 4-10-07

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

WWC Number _____ Date _____

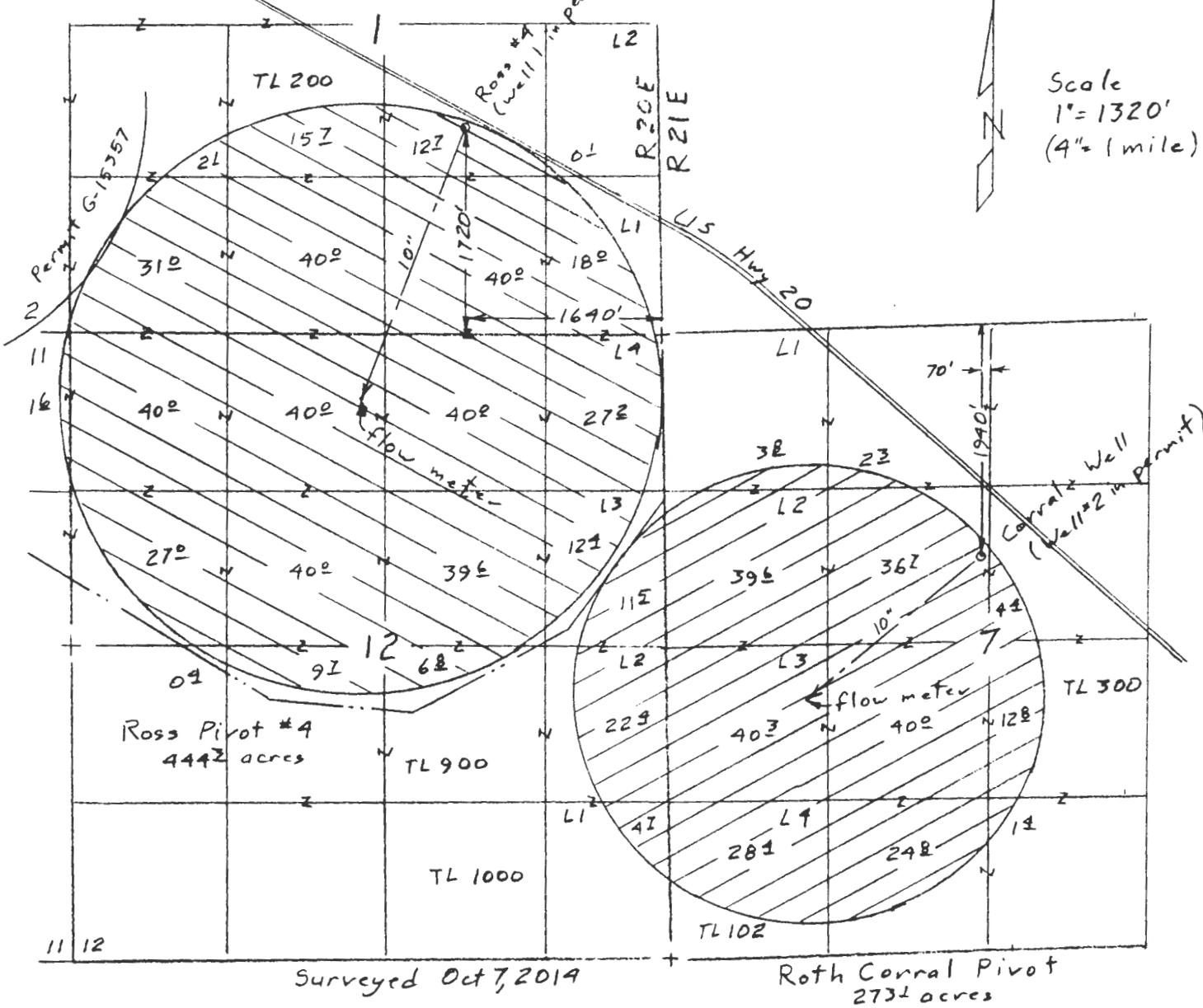
Signed _____

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

WWC Number 1654 Date 5-11-07

Signed Shred

T. 22S., R20&21E, W.M.



Surveyed Oct 7, 2014

Roth Corral Pivot
2734 acres

Claim of Beneficial Use Map for

Robert Ross & Stephen Roth

App G-16123
Per G-15706



RECEIVED BY OWRD

DEC 12 2014

SALEM, OR

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.

ESTES SURVEYS, LLC
 PO Box 17519 Salem, OR 97306-7519 (503) 585-7593
 60382 Arnold Rd Bend, OR 97702 (541) 382-7391



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

December 16, 2014

Robert G Ross jr
Nanette T Ross
57264 Lee Valley RD
Coquille OR 97423

On December 12, 2014 the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application G-16123 Permit G-15716
Application G-15773 Permit G-15357

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

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

Customer Service phone: (503) 986-0801

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

Cc: file

**ESTES
SURVEYS_{LLC}**

**SURVEYS
CONSULTING**

**LAND & WATER RIGHTS
Bruce A. Estes, PLS, CWRE**

December 10, 2014

60382 Arnold Mkt. Rd.
Bend, OR 97702
(541) 382-7391
FAX 382-7391

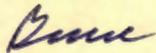
Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

Re: G-157773 & G-16123

Enclosed are the Claims of Beneficial Use for permits G-15357 and G-15706.
G-15357 includes permit amendment T-11253.

If you have any questions or concerns, just call. Thank you for your time.

Sincerely,



Bruce A. Estes, PLS, CWRE

Cc Stephen Roth
Robert Ross

RECEIVED BY OWRD

DEC 12 2014

SALEM, OR



Oregon

John A. Kitzhaber, MD, Governor

September 29, 2014

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrd.state.or.us

Northwest Farm Credit Services
P.O. Box 607
Redmond, Oregon 97756

Reference: Application G-16895, Permit G-17047 – Application G-16123, Permit G-15706
Application G-15773, Permit G-16357 – Application G-12997, Permit G-12646

The assignment from Stephen Roth and Clancy Roth to Northwest Farm Credit Services, FLCA, and Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth has been recorded in the records of the Water Resources Department.

The Departments records will now show Northwest Farm Credit Services, FLCA, and Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth as the permit holders of record.

Our records have been changed accordingly and the original request is enclosed. Receipt numbers 113547 and 113548 covering the recording fees are also enclosed.

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

Sincerely,

Jerry Sauter
Water Rights Program Analyst
Water Right Services Division

Enclosure: Receipts 113547 and 113548

cc: Watermaster 11

Clancy R. Roth, Bar DR Land and Cattle, LLC and Stephen F. Roth

Data Center, OWRD (cover letter & request)

Hydrographics

Dorothy Pederson

File





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

Request for Assignment

RECEIVED BY OWRD

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

SEP 26 2014

I, Clancy R. Roth, Bar DR Land & Cattle, LLC, a Limited Liability Company and Stephen F. Roth
 (Name of Applicant / Permit / Transfer Holder / License Holder / GR Certificate of Registration)

SALEM, OR

41600 E. Hwy 20 Brothers, OR 97712 (541) 410-1012
 (Mailing Address) (City) (State) (Zip) (Phone #)

- hereby assign all my interest in and to application/permit/transfer/license/GR Certificate of Registration;
- hereby assign all my interest in and to a portion of application/permit/transfer license/GR Certificate Registration; (You must include a map showing the portion of the application/permit/transfer/license/GR Certificate of Registration to be assigned.)
- hereby assign a portion of my interest in and to the entire application/permit/transfer/license/GR Certificate of Registration:

Application # G-16123; Permit # G-15706; Transfer # _____

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

As filed in the office of the Water Resources Director, to:

Northwest Farm Credit Services, FLCA 3113 South Highway 97, Suite 100, PO Box 607 Redmond, OR 97756
 (Name of New Owner) (Mailing Address) (City) (State) (Zip)

Clancy R. Roth, Bar DR Land & Cattle, LLC, a Limited Liability Company and Stephen F. Roth
 (Name of New Owner)

41600 E. Hwy 20 Brothers, OR 97712 (541) 410-1012
 (Mailing Address) (City) (State) (Zip) (Phone #)

Note: If there are other owners of the property described in this Application, Permit, Transfer, License, or GR Certificate of Registration, you must provide a list of all other owners' names and mailing addresses and attach it to this form.

I hereby certify that I have notified all other owners of the property described in this Application, Permit, Transfer, License, or GR Certificate of Registration of this Request for Assignment

Witness my hand this 22nd day of July, 20 14.

Applicant/Permit Holder See exhibit "A" for signatures

Applicant/Permit Holder _____

ASSIGNED

DO NOT WRITE IN THIS BOX
 Water Rights Division

- This certifies assignment and record change at Oregon Water Resources Department effective 8:00a.m. on date of receipt at Salem, Oregon.
- Fee receipt # 112547
- For Director by Jerry Sauter, Program Analyst in _____

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

RECEIVED BY OWRD

Exhibit A

SEP 26 2014

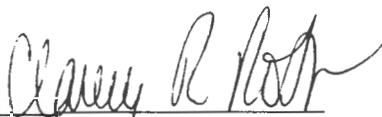
Date 7-22-14

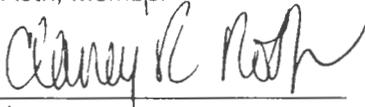
SALEM, OR

Bar DR Land & Cattle, LLC

By: 
Stephen F. Roth, Member


Stephen F. Roth

By: 
Clancy R. Roth, Member


Clancy R. Roth



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

June 2, 2009

Northwest Farm Credit Services, FLCA
Attn: Jessica Hanna
P.O. Box 607
Redmond, Oregon 97756

Reference: **Application G-16123, Permit G-15706** – Application G-15773, Permit G-15357
Application G-12997, permit G-12646

The requested assignments cannot be made as these permits are not in the name of the requestor.

Application G-16123, Permit G-15706 is in the name of David Roth and Janette Roth.
Application G-15773, Permit G-15357 is in the name of Robert G. Ross Jr. and Nanette T. Ross
and Northwest Farm Credit Services, FLCA. Assigned July 8, 2008.
Application G-12997, permit G-12646 is in the name of David and Janette Roth.

I am returning your requests and check. Should you have any questions, please do not hesitate to
contact me at the address above or by telephone at 503.986.0817.

Sincerely,

Jerry Sauter
Water Rights Program Analyst

Enclosure: Requests and check

cc: files



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

Request for Assignment

By Proof of Ownership
 (If Permit/Transfer Holder is not available)

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

I, Stephen F. Roth, Clancy R. Roth, and Northwest Farm Credit Services, FLCA
 (Name of Party Requesting Assignment)

PO Box 607 Redmond OR 97756 541-504-3500
 (Mailing Address) (City) (State) (Zip) (Phone #)

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

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

Application # G-16123; Permit # G15706; Transfer# _____ **RECEIVED**
 -OR-
 GR Statement # _____; GR Certificate of Registration # _____ **AUG 05 2009**

David Roth and Janette Roth WATER RESOURCES DEPT
 (Name of Permit/Transfer Holder of Record) SALEM, OREGON

PO Box 358 Christmas Valley, OR 97641
 (Mailing Address) (City) (State) (Zip) (Phone #)

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

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

Witness my hand this 4th day of August, 2009.
 Party Requesting Assignment Clancy R. Roth
 Party Requesting Assignment By: [Signature]

ASSIGNED BY PROOF
 8-7-2009
 [Signature]

Authorized agent for Northwest Farm Credit Services, FLCA

DO NOT WRITE IN THIS BOX

- This certifies assignment and record change at Oregon Water Resources Department effective 8:00a.m. on date of receipt at Salem, Oregon.
 - Fee receipt # 97390
 - For Director by Jerry Sauter, Program Analyst in Water Rights Division [Signature]

The completed "Request for Assignment form must be submitted to the Department along with a recording fee of \$50.75

**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 # - **97390**

INVOICE # _____

RECEIVED FROM: Farm Credit Services

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

BY: _____

CASH: CHECK: # 46008922 OTHER: (IDENTIFY) _____

TOTAL REC'D	\$ <u>225⁰⁰</u>
-------------	----------------------------

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>46123 = \$75⁰⁰</u>	\$
0407 COPY & TAPE FEES	<u>46297 = \$75⁰⁰</u>	\$
0410 RESEARCH FEES	<u>465773 = \$75⁰⁰</u>	\$
0408 MISC REVENUE: (IDENTIFY)	<u>Assignment</u>	\$ <u>225⁰⁰</u>
TC162 DEPOSIT LIAB. (IDENTIFY)		\$
0240 EXTENSION OF TIME	<u>46111</u>	\$

WATER RIGHTS:	EXAM FEE		RECORD FEE
0201 SURFACE WATER	\$	0202	\$
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		
WELL CONSTRUCTION	EXAM FEE		LICENSE FEE
0218 WELL DRILL CONSTRUCTOR	\$	0219	\$
LANDOWNER'S PERMIT		0220	\$

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

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

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

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

TREASURY OTHER / RDX

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

RECEIPT: **97390**

DATED: 8.5.09 BY: LJB



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

August 7, 2009

Northwest Farm Credit Services, FLCA
P.O. Box 607
Redmond, Oregon 97756

Reference: Application G-12997, Permit G-12646 – Application G-15773, Permit G-15357
Application G-16123, Permit G-15706

Regarding Application G-12997, Permit G-12646, the assignment by proof from David Roth and Janette Roth to Stephen F. Roth, Clancy R. Roth, and Northwest Farm Credit Services, FLCA has been recorded in the records of the Water Resources Department.

Regarding Application G-15773, Permit G-15357, and Application G-16123, Permit G-15706, the partial assignment by proof from David Roth and Janette Roth to Stephen F. Roth, Clancy R. Roth, and Northwest Farm Credit Services, FLCA has been recorded in the records of the Water Resources Department.

Our records have been changed accordingly and the original request is enclosed. Receipt number 97390 covering the recording fee of \$225 is also enclosed.

Please review the permit to be familiar with the conditions and timelines contained in the permit. These conditions and timelines will have to be met before a Certificate of Water Right can be issued.

Sincerely,

Jerry Sauter
Water Rights Program Analyst

Enclosure: Receipt 97390

cc: Watermaster 11
David and Janette Roth
Stephen and Clancy Roth
Data Center, OWRD (Complete Copy of Assignment Request)
Hydrographics
File



Do not remove this page from original document.

Deschutes County Clerk

Certificate Page



If this instrument is being re-recorded, please complete the following statement, in accordance with ORS 205.244:

Re-recorded to correct [give reason] _____
previously recorded in Book _____ and Page _____
or as Fee Number _____

RECEIVED

AUG 05 2009

WATER RESOURCES DEPT
SALEM, OREGON

Taxes and Return To:

Stephen Roth

41600 Hwy 20

Brothers OR 97712

Warranty Deed

KNOW ALL MEN BY THESE PRESENTS, That David Roth and Janette Roth hereinafter called the grantor, for the consideration hereinafter stated, to grantor paid by Stephen Roth and Clancy Roth hereinafter called the grantee, does hereby grant, bargain, sell and convey unto the grantee and grantee's heirs, successors and assigns, that certain real property, with the tenements, hereditaments and appurtenances thereunto belonging or in any way appertaining, situated in Deschutes County, State of Oregon, described as follows, to-wit:

Township 22 South Range 21, East Willamette Meridian, Deschutes County Oregon

Section 4: W1/2 W1/2, and SE1/4 of NW ¼

Section 5: E1/2 E1/2, W1/2 SE1/4, SW1/4 SW1/4

Section 6: S1/2 SE1/4 and that portion of Lot 7 lying South of Highway 20

Section 7: N1/2, EXCEPTING THEREFROM that portion of the N1/2 NW1/4 lying North of Highway 20, SE1/4, N1/2 SW1/4, SE1/4 SW1/4

Section 8: All. EXCEPTING THEREFROM the following: Beginning at a point on the West line of Section 8, Township 22 South, Range 21 East of the Willamette Meridian, said point being 715.0 feet South of the West One-Quarter (w1/4) corner of said Section 8; thence South, along the West line of said Section 8, a distance of 605.0 feet to a point marked by an iron pipe driven into the ground; thence North 8959' East, a distance of 1315.79 feet to a point marked with an iron pipe driven into to the ground, said point also being the Southeast corner of the Northwest One-Quarter (NW1/4) of the Southwest One-Quarter (SW1/4) of said section 8; thence North along the East line of the aforesaid NW1/4 SW1/4, a distance of 223.0 feet; to a point similarly marked with an iron pipe; thence South 8951' West, a distance of 855.49 feet to a point marked with an iron pipe driven into the ground; thence North a distance of 307.0 feet to a point marked by a 2"x2" wooden stake driven flush with the ground, thence South 8951' West, a distance of 360.3 feet thence North a distance of 75.0 feet; thence South 8951' feet West, a distance of 100.0 feet (more or less), to the point of beginning; EXCEPT that portion heretofore deeded to the State of Oregon for Highway purposes, all in Deschutes County, Oregon.

Section 9: W1/2, SE1/4

Section 10: S1/2 Except a portion of the SE1/4 SE1/4 of Section 10 described as follows: Beginning at a point on the East line of said Section 10, which point is located 30 feet North of the Southeast corner of the said Section, thence North 600 feet; thence West 400 feet; thence South 600 feet; thence East 400 feet to place of beginning.

Section 15: N1/2, SW1/4, E1/2 SE1/4, and N1/2 NW1/4 SE1/4

Section 16: All

Section 20: E1/2

Section 21: N1/2

Section 22: W1/2, S1/2 NE1/4, NE1/4 NE1/4, NE1/4 SE1/4

EXCEPTING from the above described parcels, public roads, streets, or highways.

To Have and to Hold the same unto the grantee and grantee's heirs, successors and assigns forever. And grantor hereby covenants to and with grantee and grantee's heirs, successors and assigns, that grantor is lawfully seized in fee simple of the above granted premises, free from all encumbrances and that grantor will warrant forever and defend the premises and every part and parcel thereof against the lawful claims and demands of all persons whomsoever.

The true and actual consideration paid for this transfer consists of other property given which is the whole consideration.

RECEIVED

AUG 05 2009

WATER RESOURCES DEPT
SALEM, OREGON

In Witness Whereof, the grantor has executed this instrument this 2nd day of Jan, '09.

This instrument will not allow use of the property described in this instrument in violation of applicable land use laws and regulations. Before signing or accepting this instrument, the person acquiring fee title to the property should check with the appropriate city or county planning department to verify approved uses and to determine any limits on lawsuits against farming or forest practices as defined in ORS 30.930.

“Grantor”

David D. Roth

By: David D Roth

Janette K. Roth

By: Janette K. Roth

STATE OF OREGON)
)ss.
County of Deschutes)

This instrument was acknowledged before me this 2nd day of January, 2009 by David Roth

This instrument was acknowledged before me this 2nd day of January, 2009 by Janette Roth



Darian Mahaney
Notary Public for Oregon
My commission expires: July 1, 2012
Commission No.: 430325

Grantor's Name and Address:
David and Janette Roth
PO Box 358
Christmas Valley OR, 97641

Grantee's Name and Address:
Stephen and Clancy Roth
41600 HWY 20
Brothers, OR 97712

Return, and send all tax statements to:
Stephen and Clancy Roth
41600 HWY 20
Brothers, OR 97712

Space reserved
for recorder's
use

State of Oregon,
County of

I certify that the within instrument was received for record on the day of2009, ato'clockM., and recorded in book/reel/volume No..... on page and/or as fee/file/instrument/microfilm/reception No., Records of Deeds of said County.

Witness my hand and seal of County affixed.

.....
(name, title)

RECEIVED

AUG 05 2009

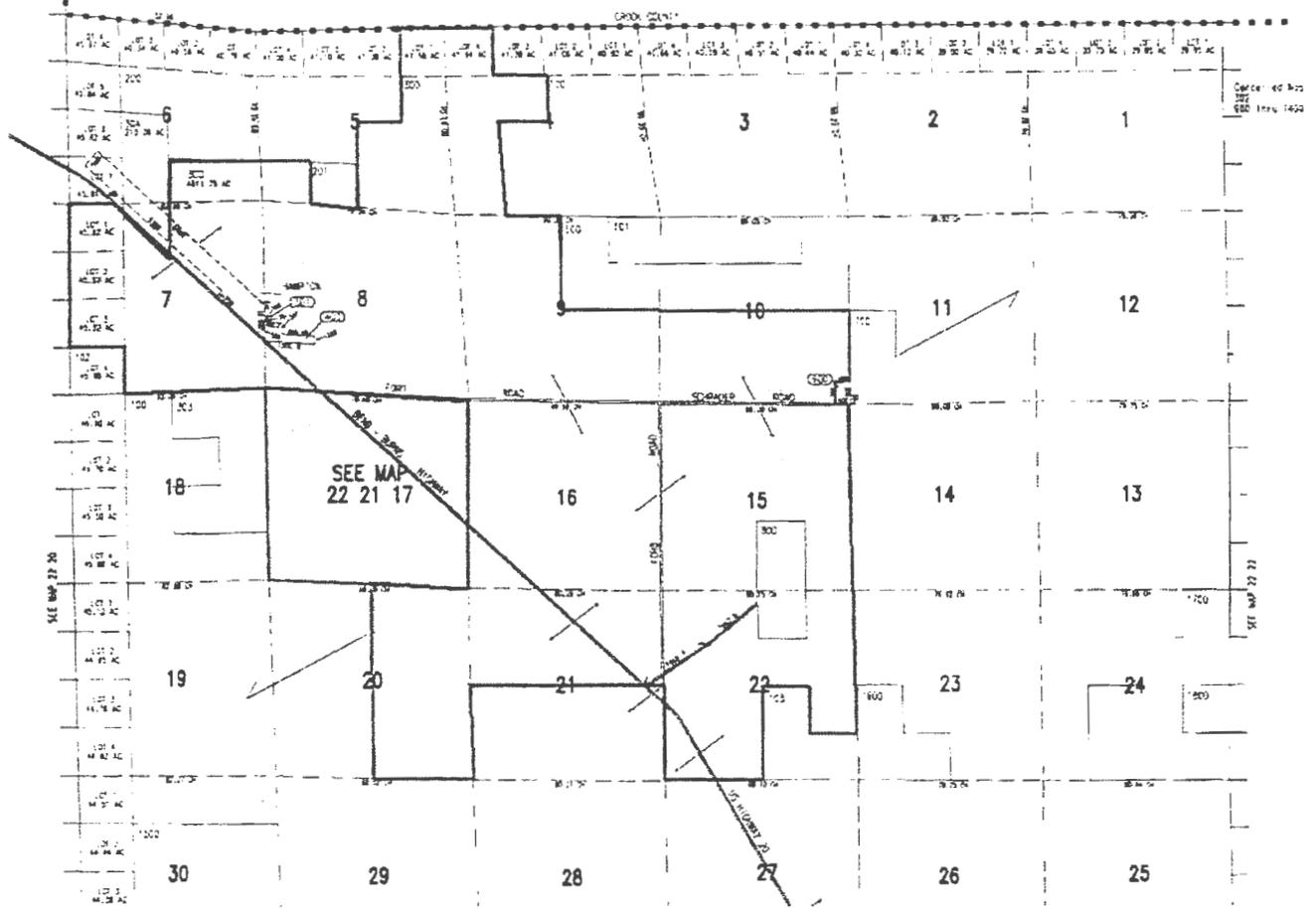
WATER RESOURCES DEPT
SALEM, OREGON

Tax Lot Map

T.22S. R.21E. W.M.
DESCHUTES COUNTY

22 21
& INDEX

REV 500: 05/28/2004



RECEIVED

AUG 05 2009

WATER RESOURCES DEPT
SALEM, OREGON

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-16123

Final Order

Application History

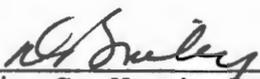
On OCTOBER 27, 2003, DAVID AND JANETTE ROTH submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on June 1, 2004. The protest period closed July 16, 2004, and no protest was filed.

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

Order

Application G-16123 therefore is approved as proposed by the Proposed Final Order, and Permit G-15706 is issued as limited by the conditions proposed by the Proposed Final Order.

DATED August 12, 2004


Phillip C. Ward, Acting Director

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review of this order must be filed within the 60 day time period specified by ORS 183.484(2).

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.

This document was prepared by Kerry Lefever. If you have any questions about any of the statements contained in this document I am the most likely the best person to answer your questions. You can reach me at 503-986-0816.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Renee Moulun at 503-986-0824.

If you have other questions about the Department or any of its programs please contact our Water Rights Information 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 97301-1271; Fax: 503-986-0901.

STATE OF OREGON

COUNTY OF DESCHUTES

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

DAVID AND JANETTE ROTH
PO BOX 358
CHRISTMAS VALLEY, OR 97641

(541) 420-2602

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

APPLICATION FILE NUMBER: G-16123

SOURCE OF WATER: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 724.41 ACRES

MAXIMUM RATE: 11.14 CUBIC FEET PER SECOND

PERIOD OF USE: MAY 1 THROUGH OCTOBER 31

DATE OF PRIORITY: OCTOBER 27, 2003

WELL LOCATIONS:

WELL 1 - NW $\frac{1}{4}$ SE $\frac{1}{4}$, SECTION 1, T22S, R20E, W.M.; 1847 FEET NORTH & 1764 FEET WEST FROM SE CORNER, SECTION 1

WELL 2 - SE $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 7, T22S, R21E, W.M.; 1793 FEET SOUTH & 2569 FEET EAST FROM NW CORNER, SECTION 7

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ SW $\frac{1}{4}$ 11.0 ACRES
SW $\frac{1}{4}$ SW $\frac{1}{4}$ 18.58 ACRES
SE $\frac{1}{4}$ SW $\frac{1}{4}$ 40.2 ACRES
NE $\frac{1}{4}$ SE $\frac{1}{4}$ 1.21 ACRES
NW $\frac{1}{4}$ SE $\frac{1}{4}$ 14.16 ACRES
SW $\frac{1}{4}$ SE $\frac{1}{4}$ 39.79 ACRES
SE $\frac{1}{4}$ SE $\frac{1}{4}$ 26.74 ACRES

SECTION 1

NE ¼ NE ¼ 35.92 ACRES
 NW ¼ NE ¼ 38.09 ACRES
 SW ¼ NE ¼ 39.87 ACRES
 SE ¼ NE ¼ 35.27 ACRES
 NE ¼ NW ¼ 39.61 ACRES
 NW ¼ NW ¼ 30.82 ACRES
 SW ¼ NW ¼ 17.32 ACRES
 SE ¼ NW ¼ 39.45 ACRES
 NE ¼ SW ¼ 7.97 ACRES
 NW ¼ SE ¼ 9.14 ACRES
 NE ¼ SE ¼ 26.54 ACRES
 SE ¼ SE ¼ 9.93 ACRES

SECTION 12

TOWNSHIP 22 SOUTH, RANGE 20 EAST, W.M.

SW ¼ NE ¼ 2.82 ACRES
 NE ¼ NW ¼ 0.15 ACRE
 NW ¼ NW ¼ 1.19 ACRES
 SW ¼ NW ¼ 40.46 ACRES
 SE ¼ NW ¼ 34.38 ACRES
 NE ¼ SW ¼ 40.51 ACRES
 NW ¼ SW ¼ 40.4 ACRES
 SW ¼ SW ¼ 35.55 ACRES
 SE ¼ SW ¼ 32.26 ACRES
 NW ¼ SE ¼ 12.55 ACRES
 SW ¼ SE ¼ 2.53 ACRES

SECTION 7

TOWNSHIP 22 SOUTH, RANGE 21 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

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

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

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

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Proposed Final Order and Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

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

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

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

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

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

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

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

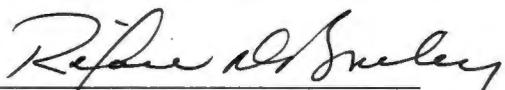
The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before October 1, 2008. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued 12, 2004



Phillip C. Ward, Acting Director
Water Resources Department

ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the permittee named hereon, if the land the permit is associated with changes ownership, or if the permittee is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

MAILING ADDRESS CHANGES: If the mailing address of the permittee named hereon changes, it is important that the Oregon Water Resources Department be informed of the change. Address changes must be submitted in writing with the permittee's signature to Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

FO CHECKLIST

FILE # 9-16123
PFO WEEK # 462
FO WEEK # 420

PFO TO FO CONVERSION

REVIEW DATE: 8, 6, 04
INITIALS: KL
WM District: 11
Region Mgr: SC
ODFW Bio: _____

Y / N Has applicant name and/or address changed; or has the file been assigned?

If new: _____

In preparing to create the FO, you should check the following:

1. Y / N Were comments received? If so, **from whom and when?** _____
Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)

2. On the PFO CC list, verify names and mailing addresses of **ALL** commentors (regardless of comment date, **affected landowners, and those who paid the \$10 fee.**

3. Y / N / NA Have affected land owners been notified? If not, refer to #8.

4. Y / N / NA Has ODFW asked for self certification of screening condition? If yes, include fish screening form.

5. Correct PFO errors (such as POD or POU location (verify from map)

6. Are requested GW conditions included in permit? If no, add condition(s): 7B, 7C, 7J

7. Verify Payment of recording fees (circle the appropriate option)

(1) Issue FO w/permit if fees are paid — Prepare refund request for excess fees, **including standing fees if no protest is filed and no modifications are being made to the PFO.**

(2) Issue FO w/o permit if fees are lacking.

BASE 300
1st CFS/AF 200
Addnl. 11 x 100 = 1100
TOTAL Q 1300

Exam Fee Paid	<u>300</u>
Q fee	<u>1300</u>
Subtotal	<u>1600</u>
Recording Fee	<u>250</u>
Total	<u>1850</u>
Amount Paid	<u>1850</u>
Amount due/refund	<u>0</u>

8. Y / N Is further processing possible? If not state reason: _____

FO Type: (circle types) DENIAL

FO w/o PERMIT (REASON: Lacks Fees Lacks Easement Lacks Approved Dam Plans and Specifications)

FO & PERMIT (Permit # 9-15706)

Once FO document is completed:

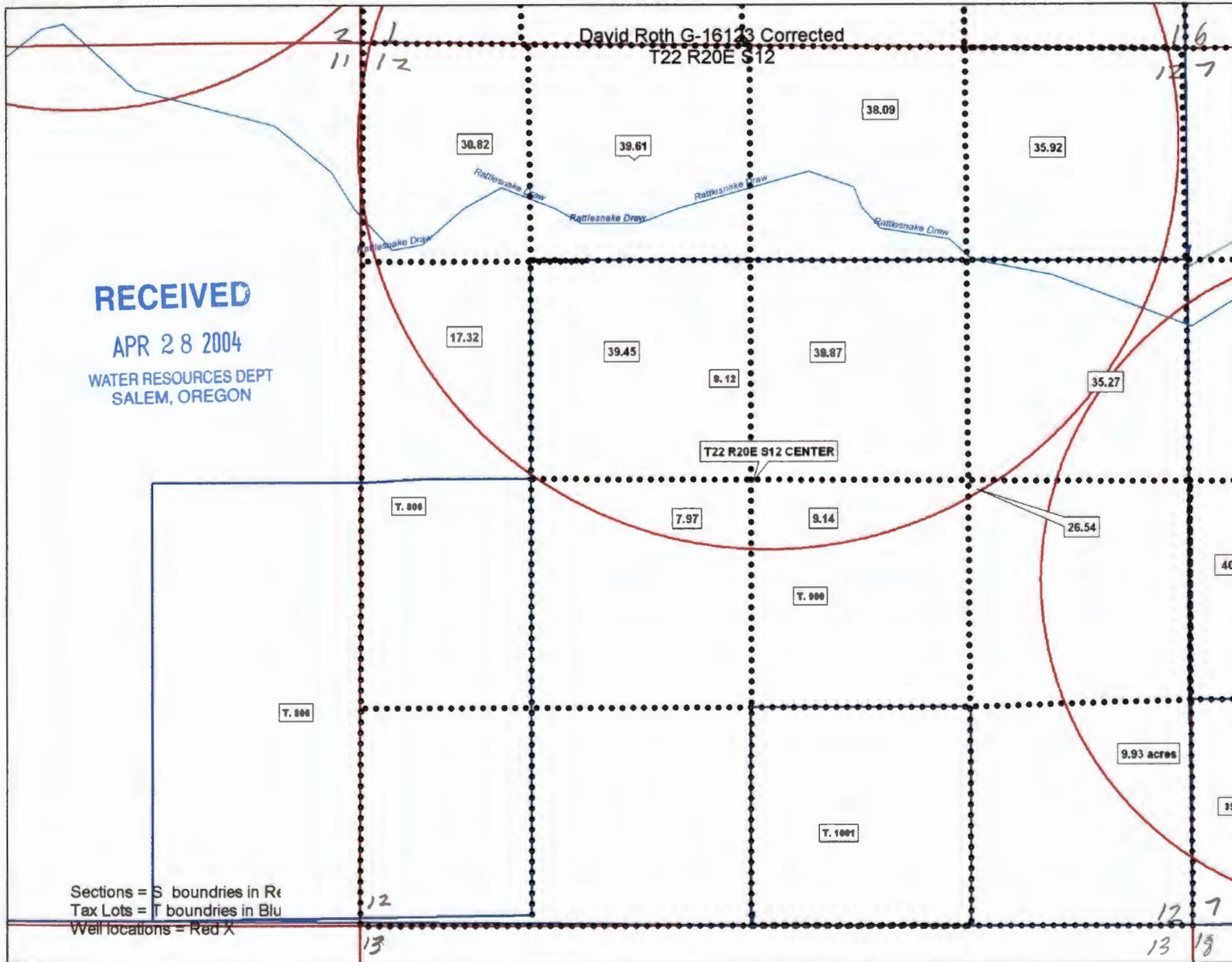
9. _____ Save WordPerfect document in S:\GROUPS\WR\FO\WEEK 420.

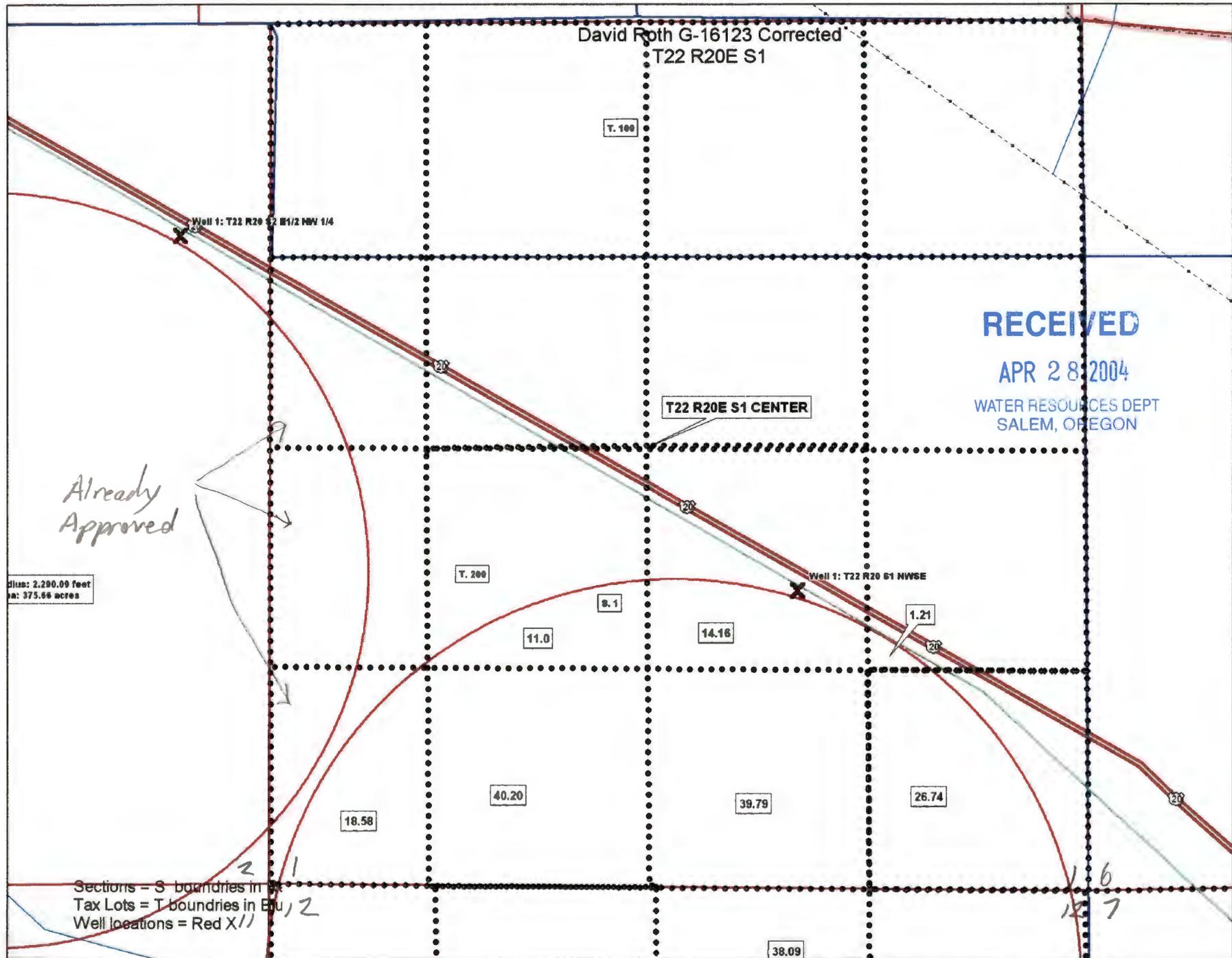
10. _____ Print final draft of document and submit for peer review. Peer Reviewer: CORY ENGEL

11. Complete routing list

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above.

The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production





RECEIVED
 APR 28 2004
 WATER RESOURCES DEPT
 SALEM, OREGON

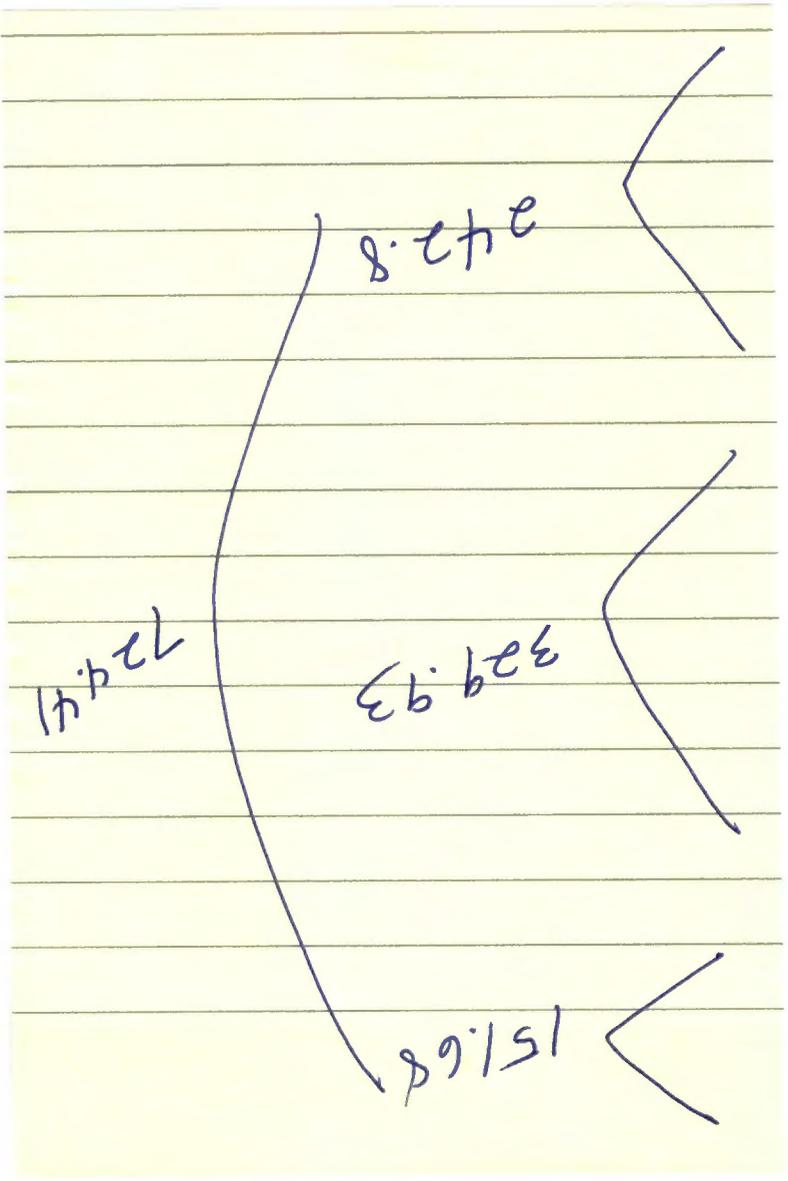
Already Approved

Dist: 2,290.09 feet
 Area: 375.66 acres

Sections - S boundaries in blue
 Tax Lots = T boundaries in black
 Well locations = Red X

1" = 800 ft

800 ft



David Roth
G-16123 Corrected
4/27/2004

Well Location:

Well 1 ^{SE}~~NW~~ SECTION 1, T22S R20E, W.M.; 1847 FEET NORTH
& 1764 EAST FROM SW CORNER SECTION 1

WELL 2 SENW SECTION 7, T22S, R21E, W.M.; 1793 FEET SOUTH
2569 FEET EAST FROM NW CORNER SECTION 7

Place of Use:

All numbers are acres of irrigation

T22 R20 S1

NESW	11
SWSW	18.58
SESW	40.2
NESE	1.21
NWSE	14.16
SWSE	39.79
SESE	26.74

T22 R20 S12

NENE	35.92
NWNE	38.09
SWNE	39.87
SENE	35.27
NENW	39.61
NWNW	30.82
SWNW	17.32
SENW	39.45
NESW	7.97
NWSE	9.14
NESE	26.54
SESE	9.93

T22 R21 S7

SWNE	2.82
NENW	0.15
NWNW	1.19
SENW	34.38
SWNW	40.46
NWSE	12.55
SWSE	2.53
NESW	40.51
NWSW	40.4
SESW	32.26
SWSW	35.55

RECEIVED

APR 28 2004

WATER RESOURCES DEPT
SALEM, OREGON

IR CHECKLIST

NAME: ROTH Application #: G 16123
County: Deschutes Basin: 5-Deschutes WID: 5-70358
Township: 225 Range: 20 E Section: sec 1 1/4 1/4 NESE - well #1
225 21 E sec 7 NESE - well #2

10. Prohibited by ORS 538? If so, do not do an IR; return app & fees to applicant.

20. Groundwater Review NO Basin Classification Triggered?
a. Groundwater Availability is overappropriated _____ is NOT overappropriated _____ cannot be determined X
b. PSI Paragraph 4 NO Paragraph 5 NO

River/Stream Name _____ Conditions 7B, 7C
Is the well located in a GWLA or CGWA Y/Nor T1N R3E Sec 20, 21, 28, 29? Y/N (if in an area include map showing POD)

25. Use 11.14 cfs for 1 RMG on 2 wells 718.0 Ac Priority Date(s) 10-27-03
Map => 688.26 ac

30. Allowed under Basin Program Y N Limitations? Y/N 0AR-690-505-

40. Withdrawn? Y/N season allowed _____

45. Basin Maps have been checked? Y/N River Mile Upper crooked

50. SWW Y/N (if Y notify state parks) Deschutes 75

60. Surface Water Availability (80% live flow / 50% storage) NA

65. Conflict? Y/N

70. DIVISION 33 Y/N/NA Above Bonn Y/N _____ Below Bonn Y/N _____ Statewide Y/N _____
If Y not allowed April 15-Sept 30 If Y add PISPC _____

75. Forms included? NA HC? Include form NA

80. Rate 1/80 Map - 688.26 ac: 688.26 x 1/80 = 8.60 cfs
Duty 3 Rate: Max 718 x 1/80 = 8.975 cfs Requested 5000 gpm ~ 11.14 cfs
Season: Normal Mar 1 - Oct 31 Requested May 1 - Oct 31

90. B.O.R. or Doug Co. project Y/N contract # _____

100. Condition S ($\leq 0.1, \leq 9.2$), M (≥ 0.1 or ≤ 1.5 CFS, or ≥ 9.2 or ≤ 100 AF), L ($\geq 1.5, \geq 100$), BOR, GW, etc. Y/N 7B, 7C, 75
condition 7I, municipal, temperature control (NURSERY) require the LARGE condition
human consumption/livestock SWW, stored water from Galesville Reservoir/BOR project reservoir require at least MEDIUM condition

110. Land use approval OK'd needs approval _____ county notified NA

120. Watermaster Dist: (1 2 16 18 20 - NWR) (3 4 5 21 - NCR) (6 8 9 10 - ER) (11) 12 17 - (SCR) (13 14 15 19 - SWR)

130. Per interactive mapping DOA 1010 Y/N 303D Y/N CTUIR Y/N

140. within Oregon Streamflow Restoration Area? Y/N/NA

150. Letter format: Good/Limited/Bad/BadIRshort/Bad HC Opp

160. CWRE, representative, etc. to notify? Y/N _____

Legal desc - T22SR21Esec 18
Limit to 8.60 cfs on 688.26 ac
- permit

cc: State Parks

Fees: Exam _____
Once 300
2 200
600 x 11 1100 +
1600 paid

Name: Kerry Lefever Date: 3-22-04 Peer Reviewer: _____ Date: _____

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S:\groups\wr\Resource Center\forms\ir\IR checklist (Kerry).wpd January 14, 2004

PFO CHECKLIST

APPLICATION # G-16123

SAVE IN PFO WORK WEEK: 461

10. IR Date 3-26-04 Public Notice Date 3-30-04 Comment Rec'd YES

20. Filed after 10/23/99? N (if N A date should be included)

applicant
30 day - 4-29-04

Changes from IR determinations: _____
4-28-04 WRD rec'd maps
5-11-04 WRD rec'd info supporting
& higher than standard

4-28-04 ~~WRD~~ corrected maps of
listing show 724.41 acres.
irrig. lands do not include sec 18, T22S R21E, W.M.

Agencies and Additional People to Notify: _____

30. Shortcomings preventing PFO, FO, or permit? N Should process continue? N

40. Is second groundwater review complete? N necessary? N

50. IR identifies as on DEQ 303d List? N / NA Comments received? N

Initials: KZ Date: 5-12-04 11.14cfs

Revised 3/7/02

FEES: EXAM:	<u>300</u>
Q	<u>200</u> + (11 x 100) = 1300
SUBTOTAL	<u>1600</u>
RECORD	<u>250</u>
TOTAL	<u>1850</u>
PD	<u>1875</u>
OWE/REFUND	<u>25</u>

Peer Reviewer: Amita Huthman Date: 5-20-04

From: "Jeremy Giffin" <Jeremy.T.GIFFIN@wrд.state.or.us>
To: "Kerry Lefever" <Kerry.A.LEFEVER@wrд.state.or.us>
Subject: Re: Water rights application for Hampton Application # G16123
Date: Tue, 11 May 2004 08:38:56 -0700
X-Mailer: Microsoft Outlook Express 6.00.2800.1158

Kerry, This is exactly what I have heard from all of the ranchers within the christmas valley fort rock area where the soils and climate are much like hampton. If we ever make these ranchers with the pivots go to flow meters I believe we will all be shocked by the usage. Maybe we should revisit the rate and duty they receive.

--jeremy

----- Original Message -----

From: "Kerry Lefever" <Kerry.A.LEFEVER@wrд.state.or.us>
To: <Jeremy.T.GIFFIN@wrд.state.or.us>
Cc: <Kerry.A.LEFEVER@wrд.state.or.us>
Sent: Tuesday, May 11, 2004 8:19 AM
Subject: Fwd: Water rights application for Hampton Application # G16123

> Hi Jeremy,
>
> The Roth's have provided an explanation below as to why a rate greater
> than
> 1/80 cfs per acre is necessary.
>
> Please review and provide comments.
>
> Thanks.
>
> Kerry
>
>
>>X-Authentication-Warning: sysmonitor.westhost.net: webmail set sender to
>>stephen@internetextension.com using -f
>>Date: Tue, 11 May 2004 10:07:49 -0500
>>From: stephen@internetextension.com
>>To: Kerry.A.Lefever@wrд.state.or.us
>>Subject: Water rights application for Hampton Application # G16123
>>User-Agent: Internet Messaging Program (IMP) 3.1
>>X-Originating-IP: 128.223.164.203
>>
>>
>>
>>Dear Kerry,
>>
>>Sorry for not getting this email off to you sooner. It seems whenever I
think
>>about this, I'm 40 miles away from a computer.

>>

>>When I talked with our Zimmatic Pivot dealer about our water needs for growing

>>alfalfa he stated that we needed 7 gallons per minute per acre. We need to be

>>able to apply water quickly so that it penetrates deep into the ground.

With

>>this deep penetration there is less loss due to evaporation. Our soils are

>>basically sandy, which allows the water to soak in, instead of running off and

>>causing erosion. (Although we do have sections of the fields that have a

>>greater clay component, so we speed the pivot up and apply less water for

>>those

>>sections.)

>>

>>We have no problem keeping within the bounds of the 3 acre feet per growing

>>season requirement. Our pivots are turned off for on average 36 days per

>>season

>>due to harvesting requirements alone. During rains, the pivots are shut

>>down.

>>For the safety of the irrigation machinery, they automatically turn themselves

>>off during electrical storms and when temperatures drop below 40 degrees.

>>

>>The Zimmatic irrigation system that we are buying is completely brand

>>new. This

>>means that it will have all of the latest water saving features to reduce

>>evaporation and increase alfalfa production. The pivot uses low pressure

>>sprinkler heads with rotator cups on drop tubes. With the increasing costs of

>>electricity coupled with the need to conserve water we have selected the most

>>efficient and practical method of irrigating for our area.

>>

>>In short, by applying water at a higher CFS rate, we can grow healthier

>>alfalfa

>>with less overall water use, and still stay within our 3 acre feet per season

>>maximum. If you have any questions please call me at 541-420-2321

>>

>>Thank you very much,

>>Stephen Roth

>

X-Authentication-Warning: sysmonitor.westhost.net: webmail set sender to stephen@internetextension.com using -f
Date: Tue, 11 May 2004 10:07:49 -0500
From: stephen@internetextension.com
To: Kerry.A.Lefever@wrд.state.or.us
Subject: Water rights application for Hampton Application # G16123
User-Agent: Internet Messaging Program (IMP) 3.1
X-Originating-IP: 128.223.164.203

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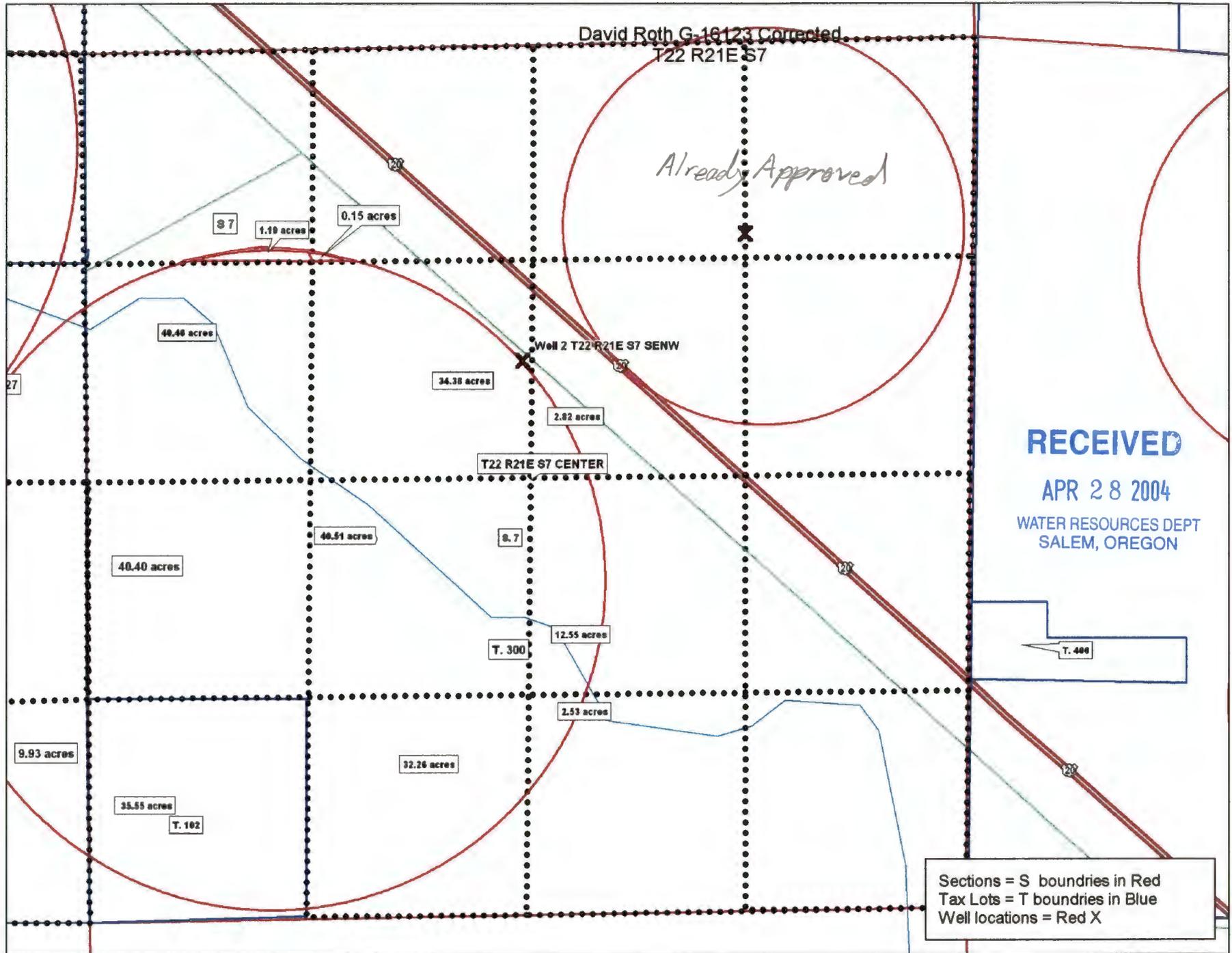
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We have no problem keeping within the bounds of the 3 acre feet per growing season requirement. Our pivots are turned off for on average 36 days per season due to harvesting requirements alone. During rains, the pivots are shut down. For the safety of the irrigation machinery, they automatically turn themselves off during electrical storms and when temperatures drop below 40 degrees.

The Zimmatic irrigation system that we are buying is completely brand new. This means that it will have all of the latest water saving features to reduce evaporation and increase alfalfa production. The pivot uses low pressure sprinkler heads with rotator cups on drop tubes. With the increasing costs of electricity coupled with the need to conserve water we have selected the most efficient and practical method of irrigating for our area.

In short, by applying water at a higher CFS rate, we can grow healthier alfalfa with less overall water use, and still stay within our 3 acre feet per season maximum. If you have any questions please call me at 541-420-2321

Thank you very much,
Stephen Roth



2 maps

David
T22 R20
430 Irr

SECT. 1

NE 1/4 SE 1/4

WELL #1 LOCATED FROM
COMMON SECTIONS 1, 2, 11, 12
1460 FEET NORTH
3800 FEET EAST

1.21 acres

Well 1: T22 R20 S1 SE1/4 NE1/4

11.00 acres

14.16 acres

26.74 acres

18.58 acres

40.20 acres

39.79 acres

2-1

11-12

30.82 acres

39.61 acres

430.30 acres

38.09 acres

35.82 acres

Rattlesnake Draw

17.32 acres

29.45 acres

23.14 acres

S. 12

39.87 acres

T. 806

7.07 acres

9.14 acres

7,081.83 square feet

T. 800

Red (S) Section Lines/Number
Blue (T) Tax Lot Lines/Numbers
Black Quarter Sections (Acrage Enclosed)
Well Location S1 SE1/4 NE1/4
Tax Lot 200, 900

RECEIVED
OCT 27 2003
WATER RESOURCES DEPT
TULSA, OK
MAYHEM, OR
MN
14.5°E



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Zoom Level: 14-4 Datum: NAD27

Scale 1 : 9,600
1" = 800.01 ft



AppNo G-16123

David Roth Pivot 2
T22 R21E Section 7, #
288 Irrigated Acres

T22 R20E S12

S7

1.19 acres

CENTER
SECT. 7

NE 1/4 SE 1/4

Well 2 T22 R21E S7 SE 1/4 NE 1/4

WELL #2 LOCATED FROM
CENTER SECTION 7
600 FEET SOUTH
1260 FEET EAST

34.36 acres

2.82 acres

12.13 acres

40.46 acres

35.92 acres

23.14 acres

83 square feet

S12

288.35 acres

40.51 acres

9.7

40.40 acres

40.11 acres

26.38 acres

T. 900

T. 300

12.55 acres

SECTION 7

SECTION 18

2.53 acres

9.93 acres

32.26 acres

35.05 acres

T. 102

Red (S) Section Lines-Number
Blue (T) Tax Lot Lines-Numbers
Black Quarter Sections (Acreage Enclosed)
Well Location T22 R21E S7 SE1/4 NW1/4
Tax Lot 300, 102, 900

RECEIVED
OCT 27 2003
WATER RESOURCES DEPT
SALEM, OR

DE LORME
© 2003 DeLorme Maps USA/0 10
Scale 1:60,000

Total 4.000
1 = 533.546

1" = 600 ft

DR

APP NO G-16123

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

G-16123

DAVID ROTH
 JANETTE ROTH
 PO BOX 358
 CHRISTMAS VALLEY OR 97641

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

7003 2260 0006 9769 9440

COMPLETE THIS SECTION ON DELIVERY**A. Signature**

X


 Agent Addressee**B. Received by (Printed Name)****C. Date of Delivery****D. Is delivery address different from item 1?** Yes

If YES, enter delivery address below:

 No**3. Service Type** Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.**4. Restricted Delivery? (Extra Fee)** Yes

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

- Sender: Please print your name, address, and ZIP+4 in this box •

RECEIVED

APR 05 2004

WATER RESOURCES DEPT
SALEM OREGON

WATER RESOURCES DEPARTMENT
725 SUMMER STREET NE SUITE A
SALEM OR 97301-1271



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

March 26, 2004

DAVID AND JANETTE ROTH
PO BOX 358
CHRISTMAS VALLEY, OR 97641

(541)420-2602

Reference: File G-16123

Dear Applicant:

**THIS IS NOT A PERMIT AND IS
SUBJECT TO CHANGE AT THE NEXT PHASE OF PROCESSING.**

This letter is to inform you of the preliminary analysis of your water use permit application and to describe your options. In determining whether a water use permit application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information you have supplied, the Water Resources Department has made the following preliminary determinations:

Initial Review Determinations:

1. The proposed use is not prohibited by law or rule except where otherwise noted below.
2. The use of water from WELL 1 AND WELL 2 IN LIZARD CREEK BASIN for IRRIGATION USE ON 722.91 ACRES is **allowable** under OAR 690-505, the Deschutes Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.
4. The Department has also determined, based upon available data, that the use of groundwater if properly conditioned, will not injure existing rights or the groundwater resource.

5. The Department's policy of determining the proposed acreage for irrigation is to use the application map and the acreage listed on the map if there is a discrepancy between the number of acres requested on the application and that shown on the map. For this application, the number of acres shown on the application map submitted on October 27, 2003 proposed for irrigation totals 688.26 acres.
6. The Department has determined that the standard allowable rate of water necessary for irrigation use of groundwater in your area is 1/80 cubic foot per second per acre. Your application requested 5000 gallons per minute (gpm), or 11.14 cubic feet per second (cfs). If the application is approved, based on the total acreage depicted on the application map described above, being 688.26 acres, the rate allowed will be limited to 8.60 cfs.
7. The Department has determined that there are discrepancies with the application and application map regarding the quarter-quarter, section and legal description of the proposed place of use. Please refer to the **ADDITIONAL INFORMATION REQUIRED** section below for specific information.

Summary of Initial Determinations

The use of 8.60 CUBIC FEET PER SECOND from WELL 1 AND WELL 2 IN LIZARD CREEK BASIN for IRRIGATION USE ON 688.261 ACRES may be allowed from May 1 through October 31 of each year.

Because of the Department's determination, your application can be moved to the next phase of the water rights application review process. However, due to #6 above your application will likely be limited accordingly.

ADDITIONAL INFORMATION REQUIRED

- OAR 690-310-040(1)(a)(I)(iii) requires the legal description of any property on which the water is to be used as depicted on the map. Please provide the Department with a copy of the legal description for the portion of the property where the water will be used in Section 18, T22S, R21E, W.M.
- Please indicate the number of acres proposed to be irrigated in the SW 1/4 NE 1/4, Section 7, T22S, R21E, W.M. on the copy of the application map attached.
- Please provide a listing of the lands to be irrigated by quarter-quarter section, township and range clarifying the number of acres proposed to be irrigated under this application.

Please submit this information no later than Thursday, April 29, 2004. If you are unable to submit the information listed above, you may request an administrative hold for up to an additional 180 days. You must submit the request in writing, stating how much more time you will need and why you need additional time. If an administrative hold is granted, your application will not be processed further until the requested information is received or the extended deadline has passed.

If we do not receive the items requested above or a request for an administrative hold from processing by this date, we may reject your application consistent with ORS 537.153 or ORS 537.621. If your application is rejected, any fees submitted in excess of the examination fee will be refunded; however, the examination fee is non-refundable and will not be returned. In addition, the priority date associated with your application will be lost.

Please reference the application number when sending any correspondence regarding the conclusions of this initial review. Comments received within the comment period will be evaluated at the next phase of the process.

At this time, you must decide whether to proceed or to withdraw your application as described below.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by **Friday, April 9, 2004**. For your convenience you may use the enclosed "STOP PROCESSING" form.

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.

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

1. Measurement, recording and reporting conditions:
 - A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may

require the permittee to report general water use information, including the place and nature of use of water under the permit.

- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
2. The priority date for this application is October 27, 2003.
 3. Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.
 4. To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

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

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

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.oda.state.or.us/nrd/water_quality/index.html to learn more about the plans and how they may affect your proposed water use.

If you have any questions:

Questions about the status of your application, processing timelines, or your upcoming Proposed Final Order should be directed to our Water Right Information Group at 503-986-0801. Feel free to call me at 503-986-0816 if you have any questions regarding the contents of this letter. Please have your application number available if you call. Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271, Fax: 503-986-0901.

Sincerely,

A handwritten signature in black ink that reads "Kerry Lefever". The signature is written in a cursive, flowing style.

Kerry Lefever
Water Right Application Caseworker

enclosures: Flow Chart of Water Right Process
 Stop Processing Form

G-16123
wab 5-70358
pou 5-70358
gw c

APPLICATION FACT SHEET

Mail to: *Applicant, Watermaster, District Biologist (ODFW)*
If necessary, also mail to : *Regional Water quality manager (DEQ), and DOA*

Application File Number: G-16123

Applicant: DAVID AND JANETTE ROTH

County: Deschutes

Watermaster: 11

Priority Date: October 27, 2003

Source: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN

Use: IRRIGATION USE ON 722.91 ACRES

Quantity: 11.14 CUBIC FEET PER SECOND

Basin Name & Number: Deschutes, #5

Stream Index Reference: Volume 2 S FK CROOKED R & MISC

Well Locations:

WELL 1 - NESE SECTION 1, T22S, R20E, W.M.; 1460 FEET NORTH & 3800 FEET EAST FROM SW CORNER, SECTION 1

WELL 2 - NWSE SECTION 7, T22S, R21E, W.M.; 600 FEET SOUTH & 1260 FEET EAST FROM C1/4 CORNER, SECTION 7

Place of Use:

NESW 11.0 ACRES IRRIGATION
SWSW 18.58 ACRES IRRIGATION
SESW 40.2 ACRES IRRIGATION
NESE 1.21 ACRES IRRIGATION
NWSE 14.16 ACRES IRRIGATION
SWSE 39.79 ACRES IRRIGATION
SESE 26.74 ACRES IRRIGATION
SECTION 1

NENE 35.92 ACRES IRRIGATION
NWNE 38.09 ACRES IRRIGATION
SWNE 39.87 ACRES IRRIGATION
SENE 23.14 ACRES IRRIGATION
NENW 39.61 ACRES IRRIGATION
NWNW 30.82 ACRES IRRIGATION
SWNW 17.32 ACRES IRRIGATION
SENW 39.45 ACRES IRRIGATION
NESW 7.97 ACRES IRRIGATION
NWSE 9.14 ACRES IRRIGATION
NESE 0.16 ACRE IRRIGATION
SECTION 12
TOWNSHIP 22.SOUTH, RANGE 20 EAST, W.M.

SENW 1.19 ACRES IRRIGATION
NESW 40.46 ACRES IRRIGATION
NWSW 12.13 ACRES IRRIGATION
SWSW 26.38 ACRES IRRIGATION
SESW 40.4 ACRES IRRIGATION
NESE 2.82 ACRES IRRIGATION
NWSE 34.38 ACRES IRRIGATION
SWSE 40.51 ACRES IRRIGATION
SESE 12.55 ACRES IRRIGATION
SECTION 7

NENE 2.53 ACRES IRRIGATION
NWNE 32.26 ACRES IRRIGATION
NENW 35.55 ACRES IRRIGATION
NWNW 9.93 ACRES IRRIGATION
SECTION 18
TOWNSHIP 22 SOUTH, RANGE 21 EAST, W.M

14 DAY STOP PROCESSING DEADLINE DATE: Friday, April 9, 2004

PUBLIC NOTICE DATE: Tuesday, March 30, 2004

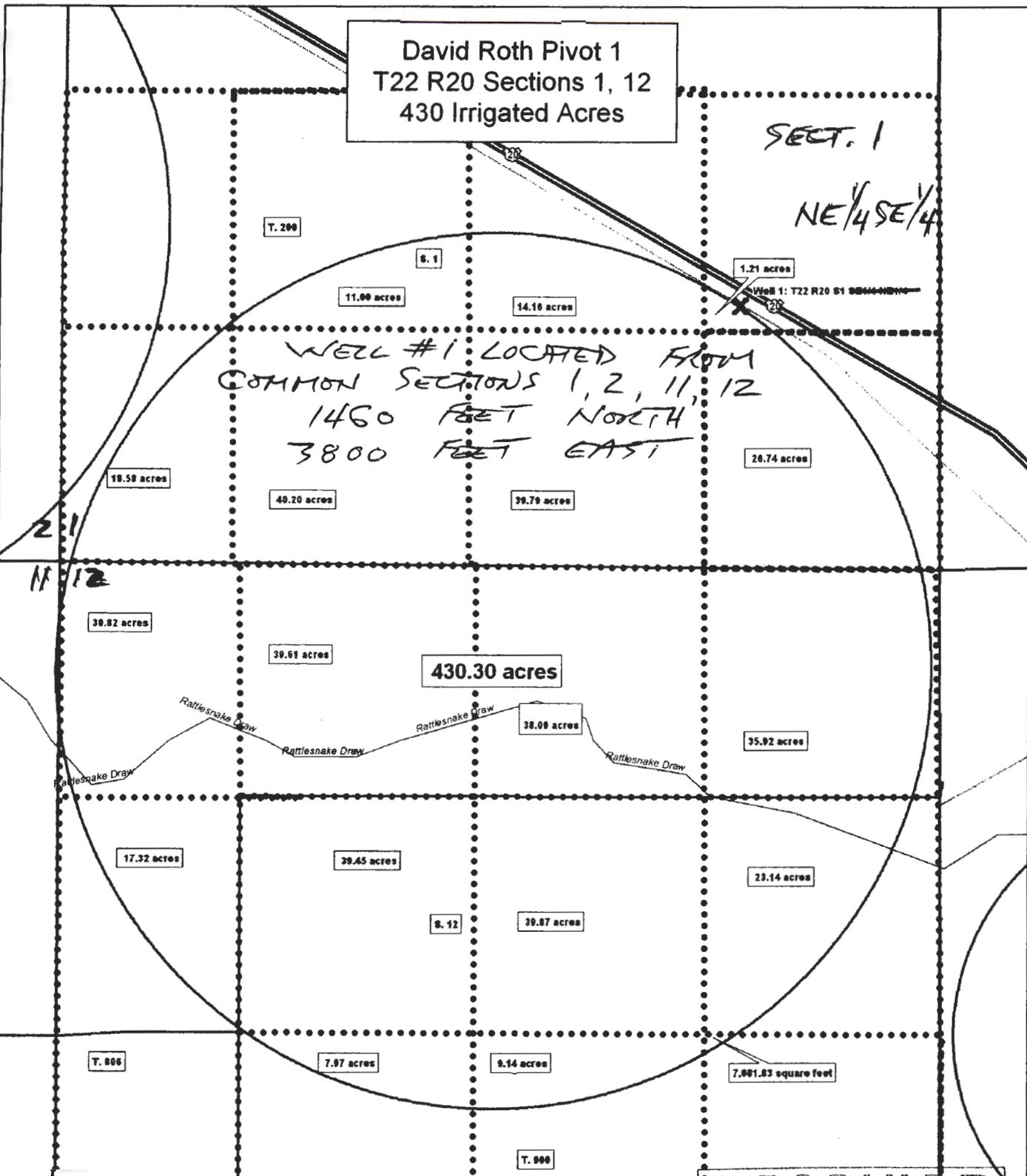
30 DAY COMMENT DEADLINE DATE: Thursday, April 29, 2004

David Roth Pivot 1
T22 R20 Sections 1, 12
430 Irrigated Acres

SECT. 1
NE 1/4 SE 1/4

WELL #1 LOCATED FROM
COMMON SECTIONS 1, 2, 11, 12
1460 FEET NORTH
3800 FEET EAST

430.30 acres

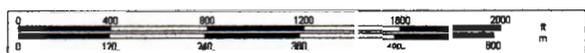


Red (S) Section Lines/Number
Blue (T) Tax Lot Lines/Numbers
Black Quarter Sections (Acreage Enclosed)
Well Location S1 SE1/4 NE1/4
Tax Lot 200, 900

RECEIVED
OCT. 27. 2003.
WATER RESOURCES DEPT
T22 R20 S1 SE1/4 NE1/4

DE LORME
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Zoom Level: 14-4 Datum: NAD27

Scale 1 : 9,600
1" = 800.01 ft



App NO G-16123

David Roth Pivot 2
T22 R21E Section 7. #
288 Irrigated Acres

T 22 R 20 E S 12

35.92 acres

S 7

1.19 acres

23.14 acres

SE 1/4

40.46 acres

D38

NE 1/4 SE 1/4

Well 2 T22 R21E S7 SE 1/4 NE 1/4

12.13 acres

WELL #2 LOCATED FROM
CENTER SECTION 7
600 FEET SOUTH
1260 FEET EAST

34.38 acres

2.82 acres

53 square feet

S 12

288.35 acres

40.61 acres

S 7

40.40 acres

40.11 acres

26.38 acres

12.65 acres

T. 900

T. 300

SECTION 7

SECTION 18

2.53 acres

9.93 acres

32.26 acres

35.65 acres

T. 102

RECEIVED
OCT 27 2003
WATER RESOURCES DEPT
SALEM, OR

Red (S) Section Lines/Number
Blue (T) Tax Lot Lines/Numbers
Black Quarter Sections (Acreage Enclosed)
Well Location T22 R21E S7 SE1/4 NW1/4
Tax Lot 300, 102, 900

DE LORME
© 1993 DeLorme, Dept. WA-933
Scale 1:62,500

Scale 1:62,500
1" = 523.54m

1" = 600 ft

DR

APP No G-16123

35.92 ac	NE NE
38.09	NW NE
39.87	SW NE
23.14	SE NE
39.81	NE NW
30.82	NW NW
17.32	SW NW
39.45	SE NW
7.97	NE SW
0.16	NE SE
9.14	NW SE

281.49

$(7,081.83 \text{ ft}^2 \times \frac{43560 \text{ ft}^2}{1 \text{ ac}})$

Section 12

11.00 ac	NE SW
18.58	SW SW
4.20	SE SW
1.21	NE SE
14.16	NW SE
39.79	SW SE
26.74	SE SE

115.68

Section 1

T 22S R 20E

688.26 ac

2.53	ac	NE NE
32.26		NW NE
35.53		NE NW
9.93		NW NW
<hr/>		
80.27		

Section 18

1.19	ac	SE NW
40.46		NE SW
12.13		NW SW
26.38		SW SW
40.40		SE SW
2.82		NE SE
34.38		NW SE
40.51		SW SE
12.53		SE SE
<hr/>		
210.82		

Section 7

T 225 R 21E

WATER RESOURCES DEPARTMENT

DIVISION 505 DESCHUTES BASIN PROGRAM

690-505-0400 Ground Water Classification

Ground water in the Deschutes Basin is classified for any beneficial use.

Platcard Report

Township 22S Range 20E Section 1 of (1, 12)

	App# Priority	Permit/ Certificate	Claim/ Decree	Status dlc/lot	NE				NW				SW				SE				Govt Lot	DLC	
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
i	G15773 06/03/2002	G15357 -									9.9 IR					24.0 IR	12.2 IR						
i	G16123 10/27/2003	-	SUBJECT FILE											11.0 IR		18.58 IR	40.2 IR	1.21 IR	14.16 IR	39.79 IR	26.74 IR		

Page:1

[Return to Platcard Query Screen](#)

Paul R. Cleary, Director

Oregon Water Resources Department • 725 Summer ST NE, Suite A • Salem, OR 97301 • Phone: 503-986-0900 • Fax: 503-986-0903

Run Time: 0 seconds

Platcard Report

Township 22S Range 20E Section 12 of (1, 12)

					NE				NW				SW				SE					
	App# Priority	Permit/ Certificate	Claim/ Decree	Status dlc/lot	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Govt Lot	DLC
i	G16123 10/27/2003	<i>Subject FILE</i>			35.92 IR	38.09 IR	39.87 IR	23.14 IR	39.61 IR	30.82 IR	17.32 IR	39.45 IR	7.97 IR							9.14 IR		

Page:1

[Return to Platcard Query Screen](#)

Paul R. Cleary, Director

Oregon Water Resources Department • 725 Summer ST NE, Suite A • Salem, OR 97301 • Phone: 503-986-0900 • Fax: 503-986-0903

Run Time: 1 seconds

Platcard Report

Township 22S Range 21E Section 7 of (7, 18)

	App# Priority	Permit/ Certificate	Claim/ Decree	Status dlc/lot	NE				NW				SW				SE				Govt Lot	DLC	
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE			
i	G12997 06/23/1992	G12646 -			34.1 IR	39.3 IR	11.9 IR	9.4 IR															
i	G16123 10/27/2003	<i>→ SUBJECT FILE</i>												40.46 IR	12.13 IR	26.38 IR	40.4 IR	2.82 IR	34.38 IR	40.51 IR	12.55 IR		

Page:1

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Paul R. Cleary, Director

Oregon Water Resources Department • 725 Summer ST NE, Suite A • Salem, OR 97301 • Phone: 503-986-0900 • Fax: 503-986-0903

Run Time: 2 seconds

Platcard Report

Township 22S Range 21E Section 18 of (7, 18)

	App# Priority	Permit/ Certificate	Claim/ Decree	Status dlc/lot	NE				NW				SW				SE				Govt Lot	DLC
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE		
i	G16123 10/27/2003	<i>> SUBJECT FILE</i>			2.53 IR	32.26 IR			35.55 IR	9.93 IR												

Page:1

[Return to Platcard Query Screen](#)

Paul R. Cleary, Director

Oregon Water Resources Department • 725 Summer ST NE, Suite A • Salem, OR 97301 • Phone: 503-986-0900 • Fax: 503-986-0903

Run Time: 0 seconds

Analysis for Application: G16123

Location: 22S-20E-1-NESE

Uses: IR 1.21 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-1-NWSE

Uses: IR 14.16 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-1-SESE

Uses: IR 26.74 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-1-SWSE

Uses: IR 39.79 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-1-NESW

Uses: IR 11 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-1-SESW

Uses: IR 40.2 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-1-SWSW

Uses: IR 18.58 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-NENE

Uses: IR 35.92 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-NWNE

Uses: IR 38.09 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-SENE

Uses: IR 23.14 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-SWNE

Uses: IR 39.87 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-NENW

Uses: IR 39.61 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-NWNW

Uses: IR 30.82 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-SENW

Uses: IR 39.45 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-SWNW

Uses: IR 17.32 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-NWSE

Uses: IR 9.14 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-20E-12-NESW

Uses: IR 7.97 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: <u>50%</u> <u>80%</u>	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-21E-7-NESE

Uses: IR 2.82 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: <u>50%</u> <u>80%</u>	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-21E-7-NWSE

Uses: IR 34.38 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-21E-7-SESE

Uses: IR 12.55 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-21E-7-SWSE

Uses: IR 40.51 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-21E-7-NESW

Uses: IR 40.46 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1**WaterMaster Districts**

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1**WAB**

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1**County**

COUNTY	FIPS
Deschutes	41017

Records Found: 1**Groundwater Restricted Records Found: 0****Divison 33 Area Records Found: 0****Rule 4D Records Found: 0****303D Streams Records Found: 0****303D Lakes Records Found: 0****Location: 22S-21E-7-NWSW**

Uses: IR 12.13 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1**WaterMaster Districts**

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1**WAB**

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1**County**

COUNTY	FIPS
Deschutes	41017

Records Found: 1**Groundwater Restricted Records Found: 0****Divison 33 Area Records Found: 0****Rule 4D Records Found: 0****303D Streams Records Found: 0****303D Lakes Records Found: 0**

Location: 22S-21E-7-SESW

Uses: IR 40.4 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area Records Found: 0

Rule 4D Records Found: 0

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 22S-21E-7-SWSW

Uses: IR 26.38 P

Basins

BASIN_NUM	BASIN_NAME
5	Deschutes

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
11	SC	Jeremy Giffin	1340 NW Wall Street, Suite 100	Bend	97701	541-388-6669		541-388-5101

Records Found: 1

WAB

GAGE	BASIN	LINK1	LINK2
70358	5	Water Availability: 50% 80%	Flood Frequency Analysis

Records Found: 1

County

COUNTY	FIPS
Deschutes	41017

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

Active Server Pages error 'ASP 0113'

Script timed out

/apps/wr/wr_mapping/wr_app_analyze.asp

The maximum amount of time for a script to execute was exceeded. You can change this limit by specifying a new value for the property Server.ScriptTimeout or by changing the value in the IIS administration tools.

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-16123

ROUTED TO: Water Right

TOWNSHIP/

22S/20E-1

RANGE-SECTION: 22S/21E-7

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: K. Lite

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date 3/9/2004
 FROM: Ground Water/Hydrology Section K. Lite
Reviewer's Name
 SUBJECT: Application G- 16123 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: David Roth County: Deschutes

- A1. Applicant(s) seek(s) 11.14 cfs from 2 well(s) in the Deschutes Basin,
Hampton Valley subbasin Quad Map: Hampton; West of Hampton
- A2. Proposed use: Irrigation Seasonality: May 1 - 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		1	Seds & Volcanics	6.68	22S/20E-1DBD	1460' N, 3800' E fr SW1/4 cor S 1
2		2	Seds & Volcanics	4.46	22S/21E-7DBA	600' S, 1260' E fr C1/4 cor S 7
3						
4						
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	4415		350		400	20	20					
2	4420		350		400	20	20					

Use data from application for proposed wells.

A4. **Comments: WELLS WILL BE CONSTRUCTED INTO SEDIMENTARY AND VOLCANIC DEPOSITS WITHIN A SMALL BASIN ALONG THE BROTHERS FAULT ZONE. GROUND WATER LEVELS ARE BELOW SPRINGS AND EPHEMERAL STREAMS IN THE AREA. GROUND WATER FLOW DIRECTION IS UNCERTAIN, BUT MAY BE TOWARDS THE NORTHWEST (MILLICAN VALLEY).**

A5. Provisions of the _____ 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
1	SEDIMENTARY AND VOLCANIC UNITS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	SEDIMENTARY AND VOLCANIC UNITS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer confinement evaluation: THE WATER-BEARING UNITS MAY BE LOCALLY SEMI-CONFINED BECAUSE OF THE HETEROGENITY OF THE SEDIMENTARY DEPOSITS AND SPATIAL VARIABILITY IN PERMEABILITY INHERENT TO THE LAVA FLOWS.

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 1/4 mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	CAMP CREEK	4280	4500	63,360	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	1	CAMP CREEK	4280	4500	63,360	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer hydraulic connection evaluation: GROUND WATER LEVELS ARE BELOW THE ELEVATION OF SPRINGS AND CAMP CREEK AT THE NEAREST DISTANCE.

Water Availability Basin the well(s) are located within: 70358; S. FK CROOKED RIVER

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 < 1/4 mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

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

SW #	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Comments: _____

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

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

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

Basis for impact evaluation: _____

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

C5. If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:
i. The permit should contain condition #(s) 7B _____;
ii. The permit should contain special condition(s) as indicated in "Remarks" below;

C6. SW / GW Remarks and Conditions GROUND WATER FLOW DIRECTION IS UNCERTAIN, BUT MAY BE TOWARDS THE NORTHWEST (MILLICAN VALLEY). INTERFERENCE WITH THE NEAREST STREAM (CAMP CREEK) IS HIGHLY UNLIKELY GIVEN THE HYDRAULIC HEAD RELATION AND THE NEARBY OCCURRANCE OF EARLY TO MIDDLE TERTIARY GEOLOGIC UNITS THAT ARE TYPICALLY CHARACTERIZED AS BOUNDARIES TO REGIONAL GROUND WATER FLOW.

References Used: USGS GEOL MAP I-493; USGS WRIR 00-4162; OWRD GW REPORT 31; TOPO MAPS; APPL. FILE G-16123; WELL REPORT DESC 54624 AND DESC 1707.

D. WELL CONSTRUCTION, OAR 690-200

D1. Well #: _____ Logid: _____

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

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

D3. **THE WELL construction deficiency:**

- a. constitutes a health threat under Division 200 rules;
- b. commingles water from more than one ground water reservoir;
- c. permits the loss of artesian head;
- d. permits the de-watering of one or more ground water reservoirs;
- e. other: (specify) _____

D4. **THE WELL construction deficiency is described as follows:** _____

- D5. **THE WELL** a. was, or was not constructed according to the standards in effect at the time of original construction or most recent modification.
- b. I don't know if it met standards at the time of construction.

D6. **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

D7. Well construction deficiency has been corrected by the following actions: _____

_____, 200_____

(Enforcement Section Signature)

D8. **Route to Water Rights Section (attach well reconstruction logs to this page).**

WATER RESOURCES DEPARTMENT MEMORANDUM

DATE 3/9/2004

APPLICATION_NUMBER G 16123
OWNER DAVID ROTH
AMOUNT_REQUESTED 5000 GPM NUMBER_OF_WELLS 2 BASIN DESCHUTES
SUB_BASIN HAMPTON VALLEY
QUADRANGLE_MAP_1 WEST OF HAMPTON COUNTY DESCHUTES
HAMPTON
WELL_# 1 WELL_LOG_STATUS NOT YET DRILLED POA_AMOUNT 3000 GPM
WELL_LOG_NUMBER DPN_LOG_1
TWNESH 22S RANGE 20E SECTION 1 QQQ DBD
PROPOSED_LEGAL_LOCATION 1460 FEET NORTH AND 3800 FEET EAST FROM SW CORNER, SECTION 1
DISTANCE_FROM_STREAM_1 NA STREAM_1 NO PERENNIAL STREAMS
DISTANCE_FROM_STREAM_2 STREAM_2
PROPOSED_WELL_DEPTH 400
WELL_ELEV 4415 STREAM_ELEV NA WELL_ELEV_minus_STREAM_ELEV 4415
WELL_DEPTH SWL
SEAL_DEPTH SWL_DATE
CASING_DEPTH FIRST_WATER_DEPTH
LINER_DEPTH WELL_TEST_1_TYPE
PERFORATIONS_SCREEN_1 YIELD_1 GPM
PERFORATIONS_SCREEN_2 DRAWDOWN_1
AQUIFER_TYPE UNCONFINED DURATION_1 HR
HYDRAULIC_CONNECTION NOT AT NEAREST REACH
DIVISION_9_FINDING CONDITIONED
ZONE_OF_IMPACT
CONDITIONED_WATER_RIGHTS_IN_AREA G-12997, G-15139, G-15773
OTHER_NEARBY_WATER_RIGHTS SEE ATTACHMENT
DENSITY_OF_NEARBY_WELLS SEE ATTACHMENT

COMMENTS WELL WILL BE CONSTRUCTED INTO SEDIMENTARY AND VOLCANIC DEPOSITS WITHIN A SMALL BASIN ALONG THE BROTHERS FAULT ZONE. GROUND WATER LEVELS ARE BELOW SPRINGS AND EPHEMERAL STREAMS IN THE AREA. GROUND WATER FLOW DIRECTION IS UNCERTAIN, BUT MAY BE TOWARDS THE NORTHWEST (MILLICAN VALLEY). WELL IS OUTSIDE THE UPPER DESCHUTES STUDY AREA.

REFERENCES USGS GEOL MAP I-493; TOPO MAP; APPL. FILE G-16123; WELL REPORT DESC 54624 AND DESC 1707.

WATER RESOURCES DEPARTMENT MEMORANDUM

DATE 3/9/2004

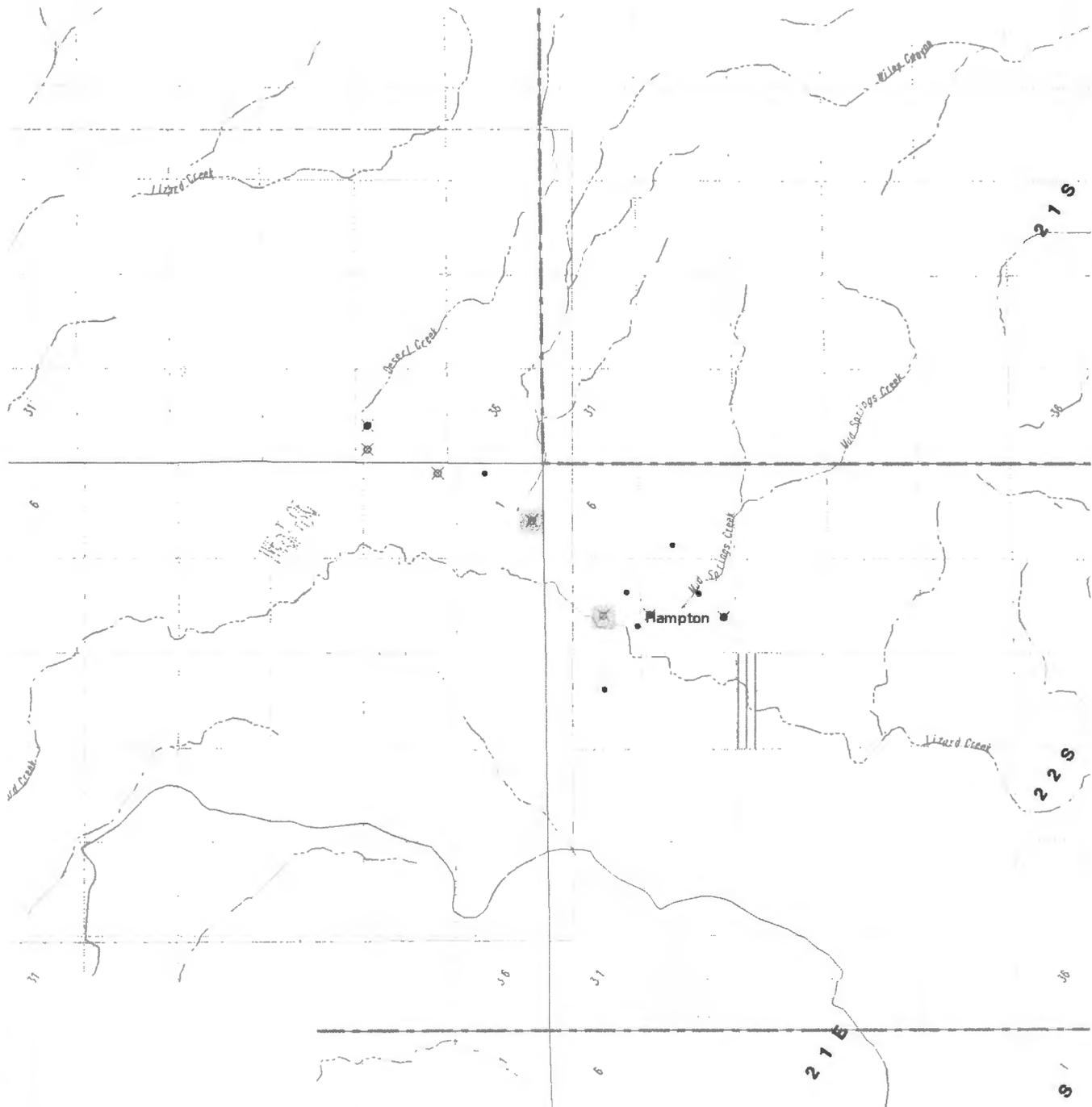
APPLICATION_NUMBER G 16123
OWNER DAVID ROTH
AMOUNT_REQUESTED 5000 GPM NUMBER_OF_WELLS 2 BASIN DESCHUTES
SUB_BASIN HAMPTON VALLEY
QUADRANGLE_MAP_1 WEST OF HAMPTON COUNTY DESCHUTES
HAMPTON
WELL_# 2 WELL_LOG_STATUS NOT YET DRILLED POA_AMOUNT 2000 GPM
WELL_LOG_NUMBER DPN_LOG_1
TWNSSH 22S RANGE 21E SECTION 7 QQQ DBA
PROPOSED_LEGAL_LOCATION 600 FEET SOUTH AND 1260 FEET EAST FROM THE CENTER, SECTION 7
DISTANCE_FROM_STREAM_1 NA STREAM_1 NO PERENNIAL STREAMS
DISTANCE_FROM_STREAM_2 STREAM_2
PROPOSED_WELL_DEPTH 400
WELL_ELEV 4415 STREAM_ELEV NA WELL_ELEV_minus_STREAM_ELEV 4415
WELL_DEPTH SWL
SEAL_DEPTH SWL_DATE
CASING_DEPTH FIRST_WATER_DEPTH
LINER_DEPTH WELL_TEST_1_TYPE
PERFORATIONS_SCREEN_1 YIELD_1 GPM
PERFORATIONS_SCREEN_2 DRAWDOWN_1
AQUIFER_TYPE UNCONFINED DURATION_1 HR
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DIVISION_9_FINDING CONDITIONED
ZONE_OF_IMPACT
CONDITIONED_WATER_RIGHTS_IN_AREA G-12997, G-15139, G-15773
OTHER_NEARBY_WATER_RIGHTS SEE ATTACHMENT
DENSITY_OF_NEARBY_WELLS SEE ATTACHMENT

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REFERENCES USGS GEOL MAP I-493; TOPO MAP; APPL. FILE G-16123; WELL REPORT DESC 54624 AND DESC 1707.

Wells in the vicinity of application G 16123

- Application well(s) in this 1/4-1/4 section
- Well(s) identified in this section from OWRD's well log database within 1 mi. radius of application well(s)
- Wells identified in this 1/4-1/4 section from OWRD's well log database within 1 mi. radius of application well(s)
- Permitted well(s) in this 1/4-1/4 section within 1 mi. radius of application well(s)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- OWRD Observation well and well-id within 5 mi. radius of application well(s)
- Critical GW Area
- Regulated GW Area



WELL LOGS WITHIN 1 MILE OF APPLICATION G 16123

ABANDON: 0
 RECONDITIONED: 0
 REPAIRED: 0
 CONVERSION: 0
 DEEPENINGS: 0
 NEW CONSTRUCT: 7

COMMUNITY USE: 0
 DOMESTIC USE: 0
 INDUSTRIAL USE: 0
 INJECTION USE: 0
 IRRIGATION USE: 5
 THERMAL USE: 0
 LIVESTOCK USE: 1

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 16123

\$RECNO	APPLICATION	PERMIT	CLAIM	LOC-QQ	USE_CODE
1	G 15139	G 15020		0 21.00S20.00E35NWSW	IR
2	G 15773		0	0 21.00S20.00E35SWSW	IR
3	G 15773		0	0 22.00S20.00E 2NESE	IR
4				22.00S20.00E 1NESE	
5	G 12997	G 12646		0 22.00S21.00E 8NWSW	IR
6				22.00S21.00E 7NWSE	
7	G 15773		0	0 22.00S21.00E 8NESE	IR

NO CONDITIONED WELLS WITHIN 1 MILE OF APPLICATION G 16123

APPLICATION G 16123 FALLS WITHIN THESE QUAD(S)

WEST OF HAMPTON

**Oregon Water Resources Department
Water Rights Division**

Water Rights Application
Number G-16123

Proposed Final Order

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

Application History

On OCTOBER 27, 2003, DAVID AND JANETTE ROTH submitted an application to the Department for the following water use permit:

- Amount of Water: 11.14 CUBIC FEET PER SECOND (CFS)
- Use of Water: IRRIGATION USE ON 718.0 ACRES
- Source of Water: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN
- Area of Proposed Use: DESCHUTES County within SECTION 1, SECTION 12, TOWNSHIP 22 SOUTH, RANGE 20 EAST, W.M. AND SECTION 7, TOWNSHIP 22 SOUTH, RANGE 21 EAST, W.M.

On March 26, 2004, the Department mailed the applicant notice of its Initial Review, determining that "*The use of 8.60 CUBIC FEET PER SECOND from WELL 1 AND WELL 2 IN LIZARD CREEK BASIN for IRRIGATION USE ON 688.261 ACRES may be allowed from May 1 through October 31 of each year.*" The applicant did not notify the Department to stop processing the application within 14 days of that date.

On March 30, 2004, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

Within 30 days of the Department's public notice, written comments were received from the applicants as requested in the Initial Review. The applicants submitted corrected application maps showing the correct well locations and place of use, including the actual number of acres proposed, being 724.41 acres.

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Deschutes Basin Program allows the use of water for irrigation.

WELL 1 AND WELL 2 IN LIZARD CREEK BASIN are above the Deschutes River State Scenic Waterway.

The Groundwater Section finds, per OAR 390.835(9), there is not a preponderance of evidence that the proposed use of groundwater will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

Groundwater Findings Under OAR 690-09

The Department determined, consistent with OAR 690-09-0040(4), that the proposed ground water use will not have the potential for substantial interference with the nearby surface water sources.

In making this determination, the Department considered whether:

- (a) There is a hydraulic connection from the proposed well(s) to any surface water sources.
- (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.

An assessment of groundwater availability has been completed by the Department's Groundwater/Hydrology section. A copy of this assessment is in the file. The proposed use of groundwater will, if properly conditioned, avoid injury to existing rights and the resource.

The applicant submitted comments by email on May 11, 2004, identifying the pivot system is designed to pump 7 gallons per minute (gpm) per acre to be irrigated. The applicant explained that they need to apply water quickly to penetrate deep into the ground and minimize evaporation. The applicant proposes that the total amount of water to be appropriated each year would not be increased, only the rate at which it is pumped from the aquifer. Per ORS 537.621(4), the Department finds that the amount of water requested, 11.14 cfs, is an acceptable rate.

The proposed wells are not within a designated critical ground water area, and are outside the Deschutes Ground Water Study 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 Deschutes Basin Plan, or a preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

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

The proposed use complies with the State Agency Agreement for land use.

No proposed flow rate and duty of water higher than the general basin-wide standard is needed.

For these reasons, the required presumption has been established.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

- (a) One or more of the criteria for establishing the presumption are not satisfied; or
- (b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:
 - (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and
 - (B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

The Department therefore concludes that water is available in the amount necessary for the proposed use; the proposed use will not result in injury to existing water rights; and the proposed use would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

When issuing permits, ORS 537.628(1) authorizes the Department to include limitations and conditions which have been determined necessary to protect the public welfare, safety, and health. The attached draft permit is conditioned accordingly.

Recommendation

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

DATED June 1, 2004


Dwight French
Water Rights Section Manager

*If you have any questions,
please check the information
box on the last page for the
appropriate names and
phone numbers.*

Protest Rights and Standing

Under the provisions of 537.621(7), you have the right to protest this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the protest fee of \$250 required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

Requests for Standing

Under the provisions of 537.621(6), persons other than the applicant who support a proposed final order may request standing for purposes of participating in any contested case proceeding on the proposed final order or for judicial review of a final order. A request for standing shall be in writing, include a statement that the requester supports the proposed final order, and a statement of how the requester would be harmed if the proposed final order is modified. The fee required at the time of submitting this request is \$50.00. If a hearing is scheduled, an additional fee of \$200.00 must be submitted along with a request for intervention. Forms to request standing are available from the Department.

Your protest or request for standing must be received in the Water Resources Department no later than **July 16, 2004**.

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

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

This document was prepared by Kerry Lefever. 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 503-986-0816.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Renee Moulun at 503-986-0824.

If you have other questions about the Department or any of its programs please contact our Water Rights Information 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 97301-1271, Fax: 503-986-0901.

DRAFT

This is not a permit.

DRAFT

STATE OF OREGON

COUNTY OF DESCHUTES

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

DAVID AND JANETTE ROTH
PO BOX 358
CHRISTMAS VALLEY, OR 97641

(541)420-2602

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

APPLICATION FILE NUMBER: G-16123

SOURCE OF WATER: WELL 1 AND WELL 2 IN LIZARD CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 724.41 ACRES

MAXIMUM RATE: 11.14 CUBIC FEET PER SECOND, LIMITED TO 3.0 ACRE FEET PER ACRE PER YEAR

PERIOD OF USE: MAY 1 THROUGH OCTOBER 31

DATE OF PRIORITY: OCTOBER 27, 2003

WELL LOCATIONS:

WELL 1 - NW ¼ SE ¼, SECTION 1, T22S, R20E, W.M.; 1847 FEET NORTH & 1764 FEET WEST FROM SE CORNER, SECTION 1

WELL 2 - SE ¼ NW ¼, SECTION 7, T22S, R21E, W.M.; 1793 FEET SOUTH & 2569 FEET EAST FROM NW CORNER, SECTION 7

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE ¼ SW ¼ 11.0 ACRES
SW ¼ SW ¼ 18.58 ACRES
SE ¼ SW ¼ 40.2 ACRES
NE ¼ SE ¼ 1.21 ACRES
NW ¼ SE ¼ 14.16 ACRES
SW ¼ SE ¼ 39.79 ACRES
SE ¼ SE ¼ 26.74 ACRES
SECTION 1

NE ¼ NE ¼ 35.92 ACRES
 NW ¼ NE ¼ 38.09 ACRES
 SW ¼ NE ¼ 39.87 ACRES
 SE ¼ NE ¼ 35.27 ACRES
 NE ¼ NW ¼ 39.61 ACRES
 NW ¼ NW ¼ 30.82 ACRES
 SW ¼ NW ¼ 17.32 ACRES
 SE ¼ NW ¼ 39.45 ACRES
 NE ¼ SW ¼ 7.97 ACRES
 NW ¼ SE ¼ 9.14 ACRES
 NE ¼ SE ¼ 26.54 ACRES
 SE ¼ SE ¼ 9.93 ACRES

SECTION 12

TOWNSHIP 22 SOUTH, RANGE 20 EAST, W.M.

SW ¼ NE ¼ 2.82 ACRES
 NE ¼ NW ¼ 0.15 ACRE
 NW ¼ NW ¼ 1.19 ACRES
 SW ¼ NW ¼ 40.46 ACRES
 SE ¼ NW ¼ 34.38 ACRES
 NE ¼ SW ¼ 40.51 ACRES
 NW ¼ SW ¼ 40.4 ACRES
 SW ¼ SW ¼ 35.55 ACRES
 SE ¼ SW ¼ 32.26 ACRES
 NW ¼ SE ¼ 12.55 ACRES
 SW ¼ SE ¼ 2.53 ACRES

SECTION 7

TOWNSHIP 22 SOUTH, RANGE 21 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

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

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

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

After Use of Water has Begun

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

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

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

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

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Proposed Final Order and Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

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

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

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

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

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

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

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

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

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before October 1, 2008. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued _____, 2004

DRAFT - THIS IS NOT A PERMIT

Paul R. Cleary, Director
Water Resources Department

Application G-16123 Water Resources Department
Basin 5 Volume 2 S FK CROOKED R & MISC
KL - WEEK 462

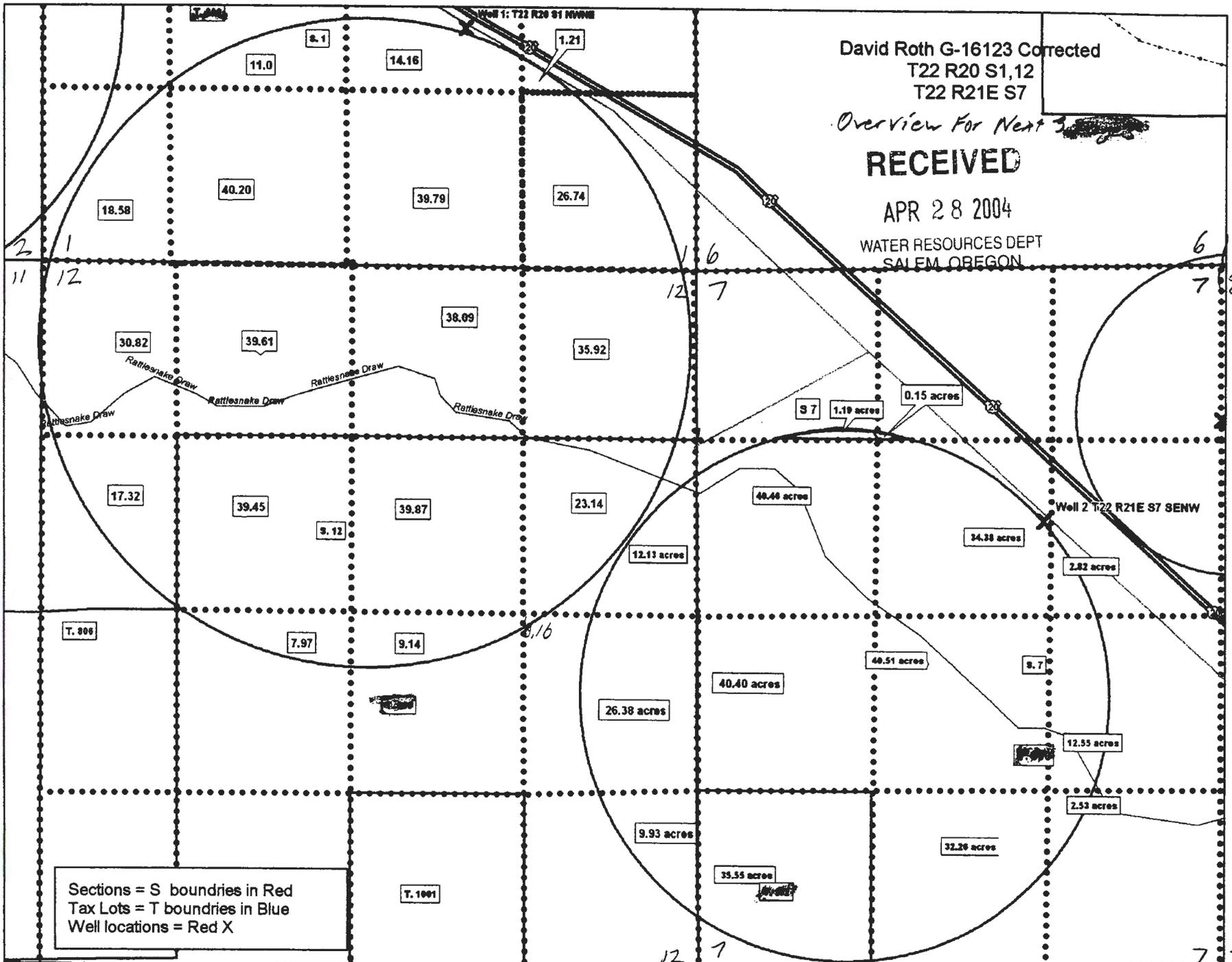
PERMIT DRAFT
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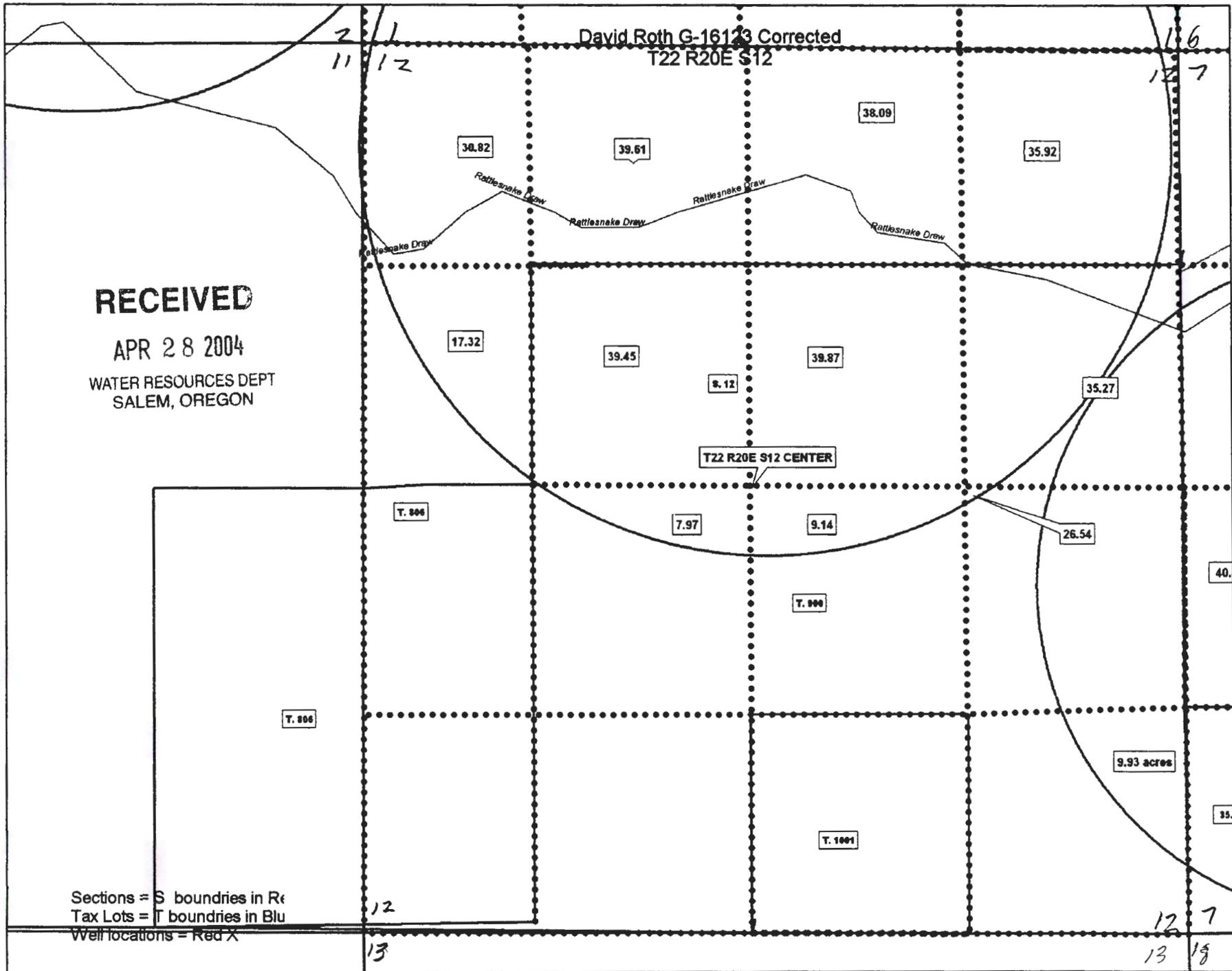
ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the permittee named hereon, if the land the permit is associated with changes ownership, or if the permittee is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

MAILING ADDRESS CHANGES: If the mailing address of the permittee named hereon changes, it is important that the Oregon Water Resources Department be informed of the change. Address changes must be submitted in writing with the permittee's signature to Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.





1" = 800 ft

800 ft page 2

David Roth G-16123 Corrected
T22 R20E S1

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WATER RESOURCES DEPT
SALEM, OREGON

Well 1: T22 R20 S1 NW 1/4

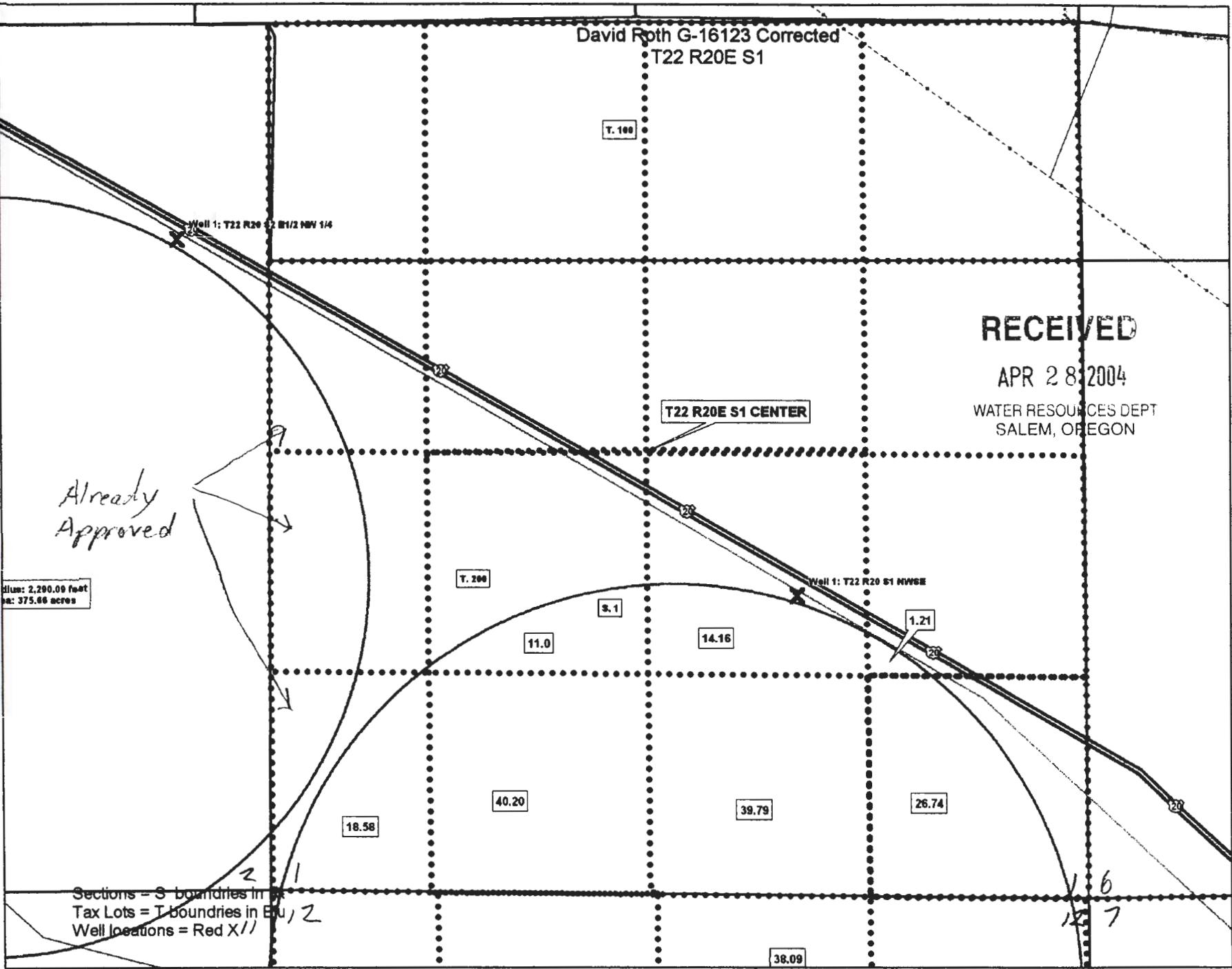
T22 R20E S1 CENTER

Well 1: T22 R20 S1 NW 1/4

*Already
Approved*

Area: 2,290.09 feet
Ac: 375.66 acres

Sections = S boundaries in E
Tax Lots = T boundaries in E
Well locations = Red X





State of Oregon
Water Resources Department
 15B 12th Street NE, Salem, OR 97301-4172
 503-378-8455
 http://www.wrd.state.or.us

Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instructions when completing your application. Thank you.

1. APPLICANT INFORMATION

A. Individuals

Applicant: David Roth
First Last

Co-applicant: Janette Roth
First Last

Mailing address: PO Box 358
Christmas Valley OR 97641
City State Zip

Phone: 541-420-2602 541-576-2270
Home Work Other

*Fax: _____ *E-Mail address: djroth@internetextension.com

B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of organization: _____

Name and title of person applying: _____

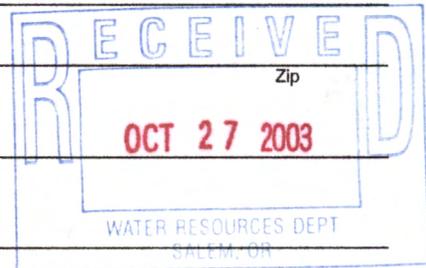
Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

*Optional information



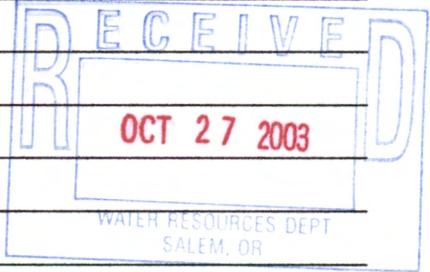
For Department Use		
App. No. <u>G-16123</u>	Permit No. _____	Date _____

2. PROPERTY OWNERSHIP

Do you own all the land where you propose to divert, transport, and use water?

- Yes (Skip to section 3 "Ground water Development.")
- No Please check the appropriate box below.
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.

List the names and mailing addresses of all affected landowners.*



*If more than 25 landowners are involved, a list is not required. See instructions.

3. GROUND WATER DEVELOPMENT

A. Number of well(s): 2 B. Name of nearest surface water body: Si Fork Crooked River

C. Distance from well(s) to nearest stream or lake: 1) approx 30 miles

2) _____ 3) _____ 4) _____

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) _____

2) _____ 3) _____ 4) _____

E. Well Characteristics

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to question F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

Well(s) will be constructed by: Search Drilling

Address: Christmas Valley OR 97641

Completion date: ~~2003~~ SPRING 2004

app No G-16123

2. Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
1	16"	16	20'	0	20'	350'	350'	removable access port	400
2	16"	16	20'	0	20'	350'	350'	removable access port	400

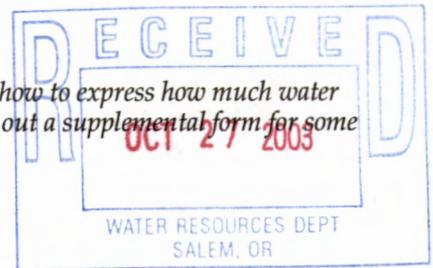
Note: Well numbers in this listing must correspond to well location(s) shown on accompanying map.

F. Artesian Flows

If your water well is flowing artesian, describe your water control and conservation works:

4. WATER USE

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

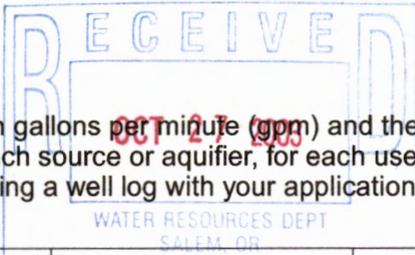


A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: _____
- If your proposed use is **irrigation**, please attach Form I
- If your proposed use is **mining**, attach Form R
- If your proposed use is **municipal or quasi-municipal**, attach Form M
- If your proposed use is **commercial/industrial**, attach Form Q

App No G. 16123



B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1	CAMP Creek Basin	irregation	3000		
2	CAMP Creek Basin	irregation	2000		

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 5000 gpm
 (The fees for your application will be based on this amount.)

D. Period of Use

Indicate the time of year you propose to use the water: May 1 - Oct. 31
 (For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

E. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used: 718
 (This number should be consistent with you application map.)

5. WATER MANAGEMENT

A. Diversion

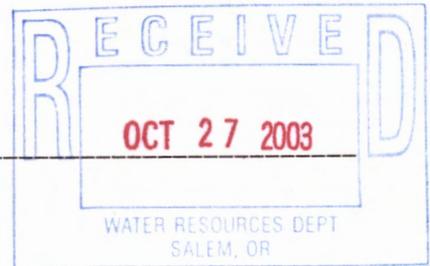
What equipment will you use to pump water from your well(s)?

- Pump (give horsepower and pump type) 200 hP ; 150 hP Turbine
- Other means (describe) _____

B. Transport

How will you transport water to your place of use?

- Ditch or canal (give average width and depth)
 Width _____ Depth _____
 Is the ditch or canal to be lined? Yes No
- Pipe (give diameter and total length)
 Diameter _____ Length _____
- Other (describe) 2 Center Pivots est. 200 hP & 150 hP



App No G 16123

RECEIVED

AUG 21 2003

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT.

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

Desc 54624

WELL I.D. # L 133550 53582

START CARD # 133550

(1) OWNER: Well Number

Name Roth's Farm Address PO BOX 758 City CHRISTMAS VALLEY State OR Zip 97641

(2) TYPE OF WORK

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 350 ft. Explosives used Yes No Type Amount

Table with columns: HOLE, SEAL, Diameter, From, To, Material, Sacks or pounds. Includes entries for 24" and 16" diameters with cement and bentonite.

How was seal placed: Method A B C D E Other 3/4 Hole Plug

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

(6) CASING/LINER:

Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes entries for 16" casing and liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

Table with columns: From, To, Slit size, Number, Diameter, Material, Casing, Liner. Includes a stamp for OCT 7 2003.

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

Table with columns: Pump/Bailer/Air/Flowing Artesian, Yield gal/min, Drawdown, Drill stem at, Time. Includes entry for 2000 gal/min yield and 10' drawdown.

Temperature of water 58' Depth Artesian Flow Found Was a water analysis done? Did any strata contain water not suitable for intended use?

(9) LOCATION OF WELL by legal description:

County Deschutes Latitude Longitude Township 22 N or S Range 20 E or W. WM. Section 1 NE 1/4 NW 1/4 Tax Lot 2011 Block Subdivision Street Address of Well (or nearest address) 3 mile west of HUNTON STONE

(10) STATIC WATER LEVEL:

131 ft. below land surface. Date 4-8-02 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 280'

Table with columns: From, To, Estimated Flow Rate, SWL. Includes entry for 280' to 350' depth with 1500+ gpm flow rate.

(12) WELL LOG:

Ground Elevation

Table with columns: Material, From, To, SWL. Includes entries for Top Soil, Brown sand stone, Brown red ish lava, Hard, Egg rock, Pumice, Brown lava rock, Broken lava rock.

RECEIVED stamps: MAY 16 2003, APR 8 2003, APR 17 2002, WATER RESOURCES DEPT. SALEM, OREGON

Date started 2-19-02 Completed 4-8-02

(unbonded) Water Well Constructor Certification:

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

Signed Date WWC Number

(bonded) Water Well Constructor Certification:

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

Signed Date 8-18-03 WWC Number 1654

App NOG-16123

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

APR 30 1993

WATER RESOURCES DEPT
SALEM, OREGON

22S/21E/7
26456

(1) OWNER: Name Robert L. Coate Well Number: 3
Address 63285 Skyline Ranch Rd.
City Bend State Oregon Zip 97709

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other

(4) PROPOSED USE: 27 2003
 Domestic Community Industrial Irrigation
 Thermal Injection Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 310 ft.
Yes No Solvents used Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
28	0 20	Concrete	0 20	1 sack	
18	20 310				

How was seal placed: Method A B C D E
 Other Poured & Vibrated
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER: 310 ft

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 20"	+1	20	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: 16"	+1	290	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations Method Factory Cut
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
140	290	5x3	3700	16"		<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
2250	40'	200	1 hr.

Temperature of water 60° Depth Artesian Flow Found _____
Was a water analysis done? No Yes By whom _____
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other No
Depth of strata: 153'

(9) LOCATION OF WELL by legal description:
County Doremi Latitude _____ Longitude _____
Township 22S N or S, Range 21 E E or W, WM.
Section 7 SE 1/4 NE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 600' H.W. Hampton Oregon, Hwy 20

(10) STATIC WATER LEVEL:
133' ft. below land surface. Date 5-27-91
5 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 270 ft

From	To	Estimated Flow Rate	SWI
155	310	3000	135

(12) WELL LOG: Ground elevation _____

Material	From	To	SWI
Sand & Clay	0	14	
" " "	14	20	
" " "	20	59	
Sand, Clay & Rock	59	78	
" " "	78	83	
Hard Rock	83	88	
" " + Clay	88	95	
Black Rock (Hard)	95	110	
Gray Rock	110	115	
Clay & Sand	115	135	
Clay, sand + pebbles	135	167	155
Hard grey Rock	167	335	135
Lost 20 ft hole (cavein)			135
Lost 20 ft hole (cavein)			135
redrilled out depth		310	135

Date started 5-14-91 Completed 10-8-91

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
Signed Robert L Coate WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. Work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
Signed Irrigating 240 ac WWC Number _____ Date _____

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? _____

Center tower pivot

Irrigation or land application method (check all that apply):

- Flood
- High-pressure sprinkler
- Low pressure sprinkler
- Drip
- Water cannons
- Center pivot system
- Hand lines
- Wheel lines
- Siphon tubes or gated pipe with furrows
- Other, describe _____

Distribution method

- Direct pipe from source
- In-line storage (tank or pond)
- Open canal

D. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

Low Pressure Center Pivots with Pressure Regulators and Rotators

6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin Summer 2004

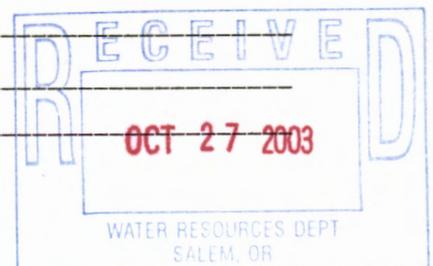
Proposed date construction will be completed Spring 2005

Proposed date beneficial water use will begin Spring 2005

7. REMARKS

If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.

Permit # G12646 & G15357 are being developed now on this farm

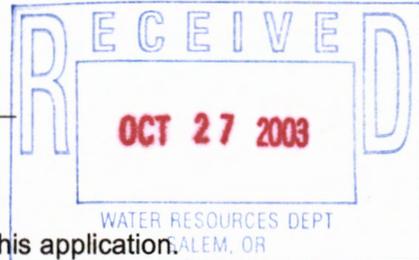


Appno G. 16123

8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

9. SIGNATURE



By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use must be compatible with local comprehensive land use plans.
- Even if the Department issues a permit to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all information provided in this application is true and correct to the best of my knowledge:

David Roth

Signature of Applicant

10-4-03

Date

Janette Roth

Signature of Co-applicant

10-4-03

Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

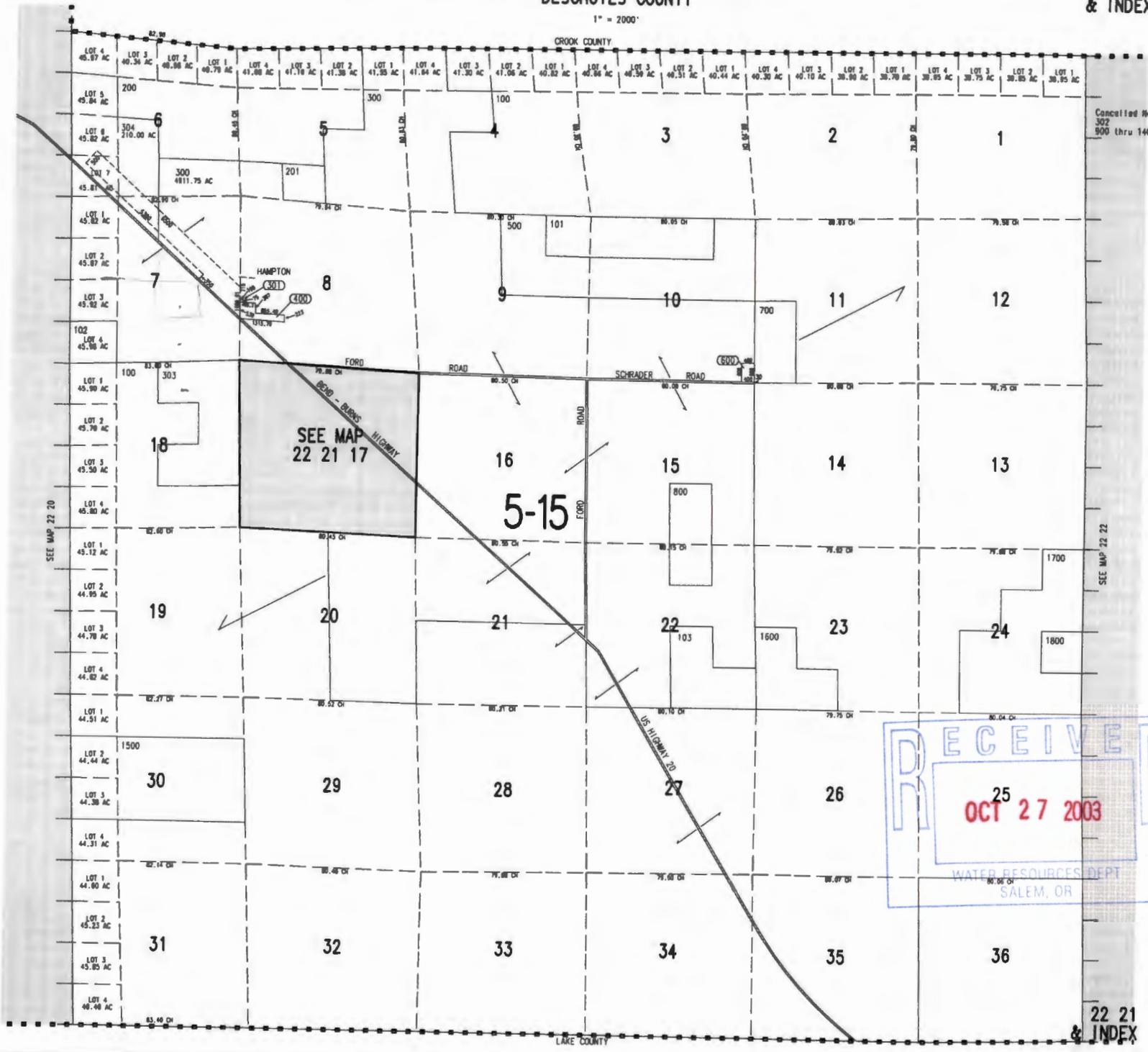
THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY.

REVISED: 06/13/2002

T. 22S. R. 21E. W.M. DESCHUTES COUNTY

1" = 2000'

22 21 & INDEX



Cancelled Nos. 302 900 thru 1400

App No G-16123

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 25
OCT 27 2003
 WATER RESOURCES DEPT
 SALEM, OR

22 21 & INDEX

THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY.

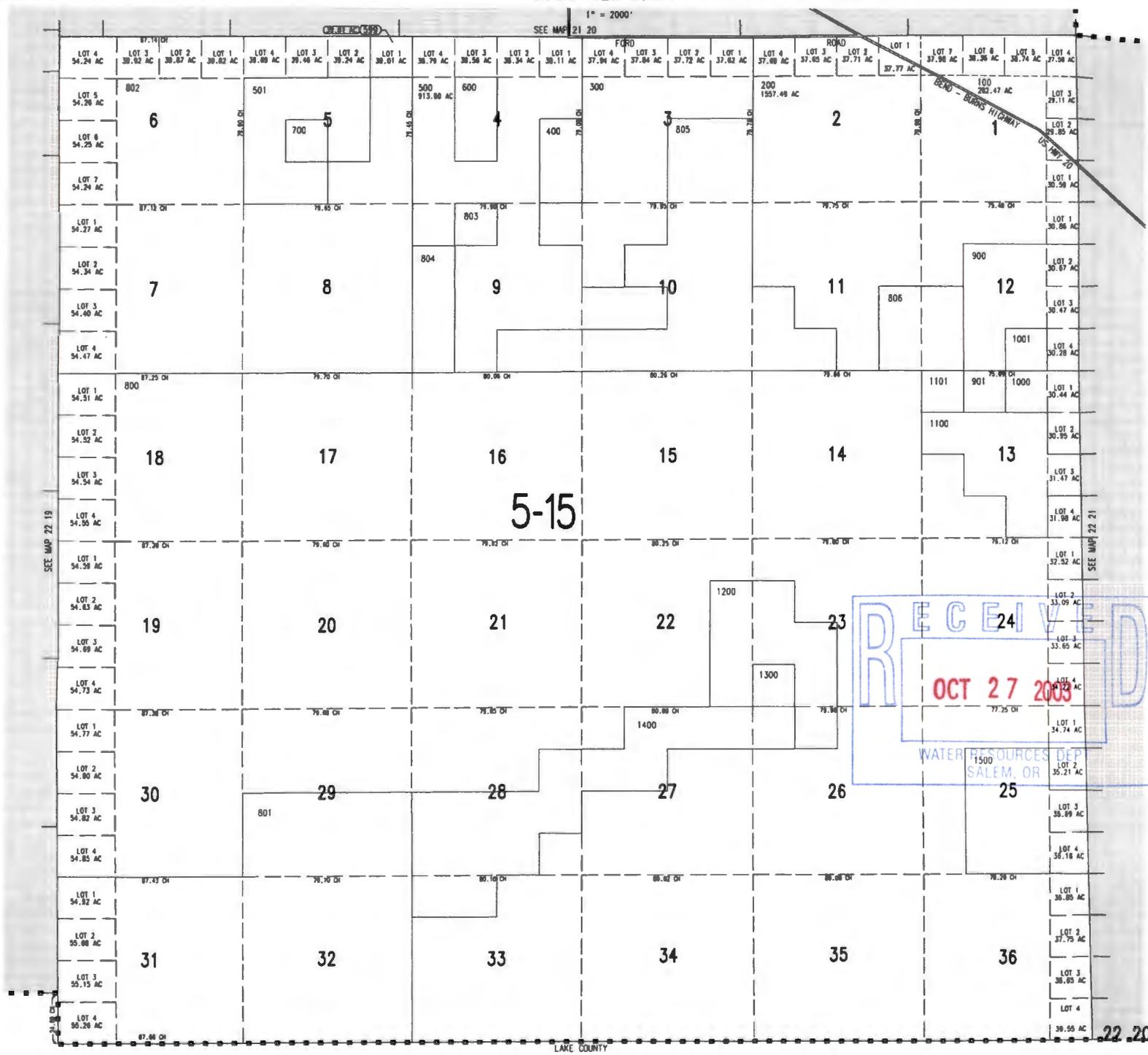
REVISED: 06/11/2002

T.22S. R.20E. W.M. DESCHUTES COUNTY

22 20

1" = 2000'

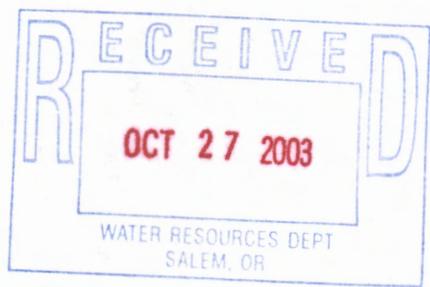
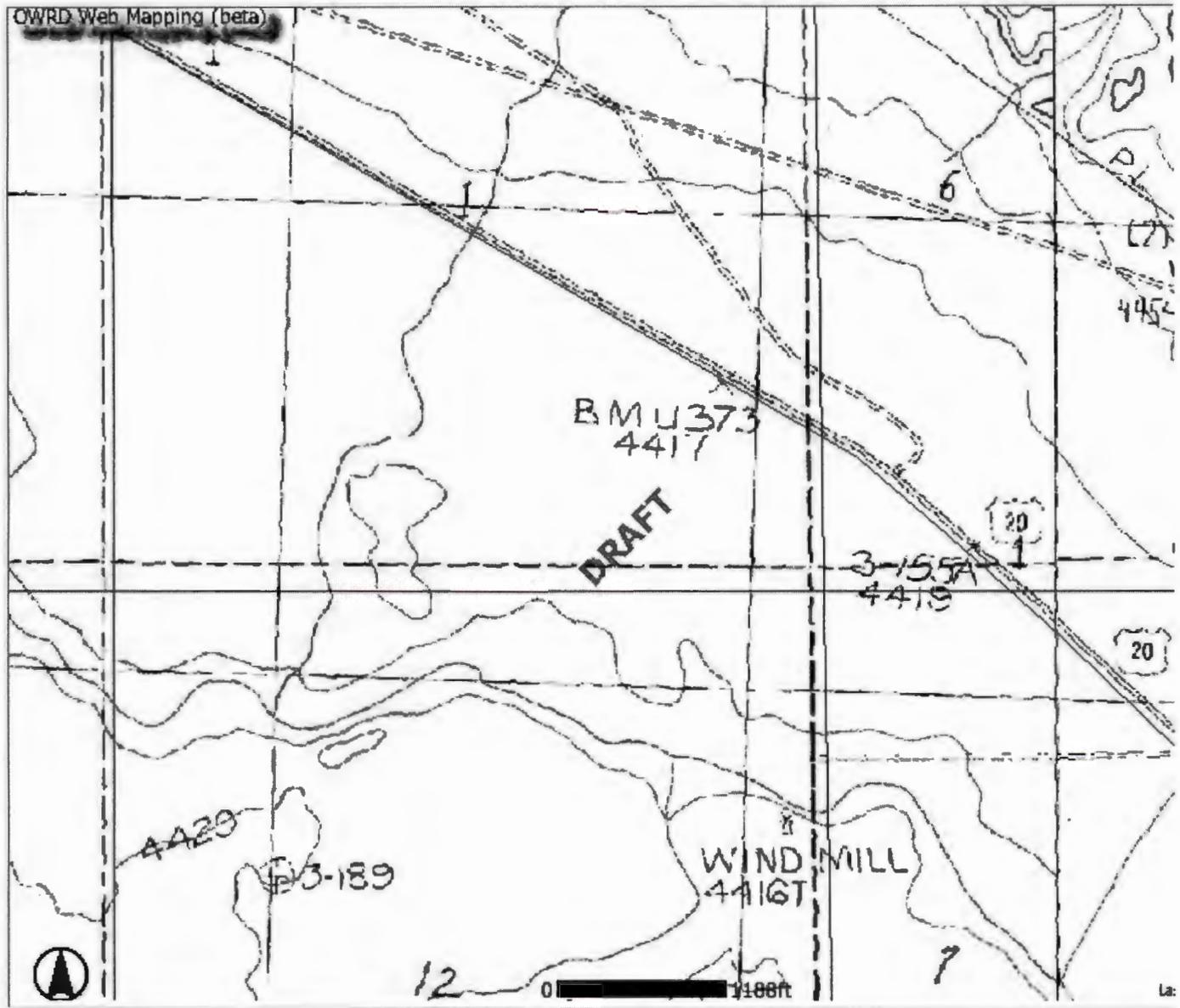
SEE MAP 21 20



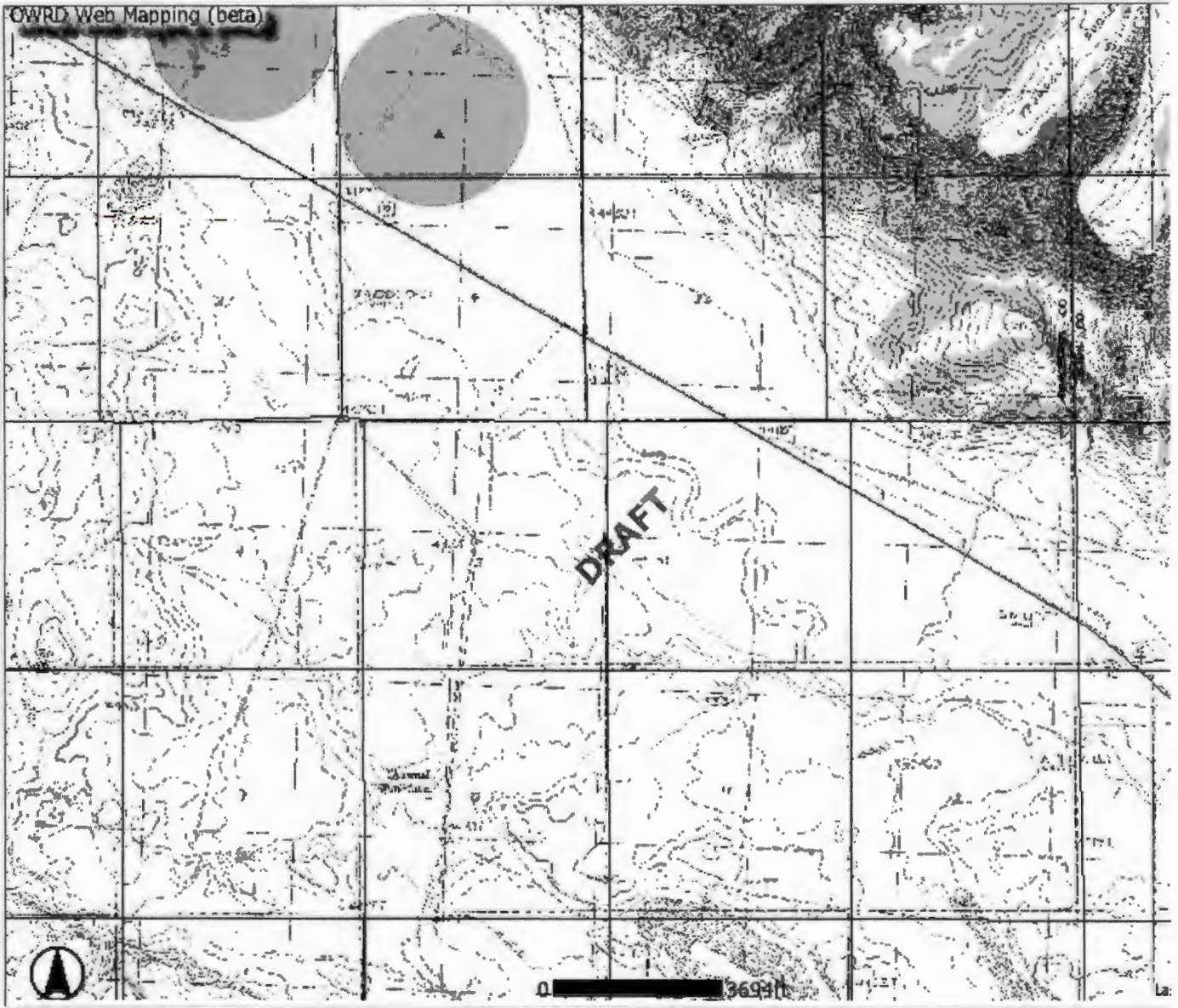
RECEIVED
OCT 27 2003
 WATER RESOURCES DEP
 SALEM, OR

22 20

David Roth



David Roth



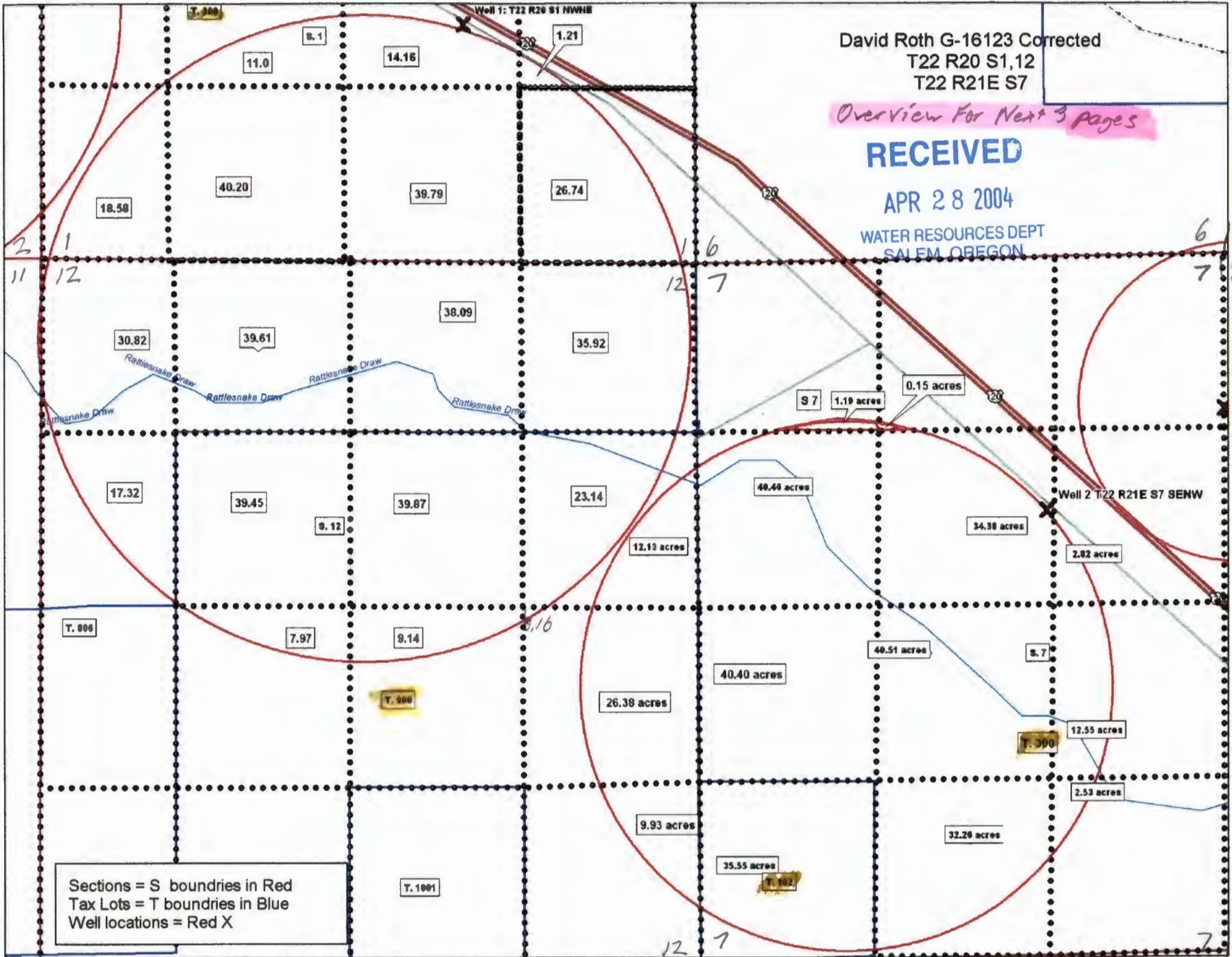
David Roth G-16123 Corrected
T22 R20 S1,12
T22 R21E S7

Overview for Next 3 pages

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APR 28 2004

WATER RESOURCES DEPT
SALEM OREGON



Sections = S boundaries in Red
Tax Lots = T boundaries in Blue
Well locations = Red X

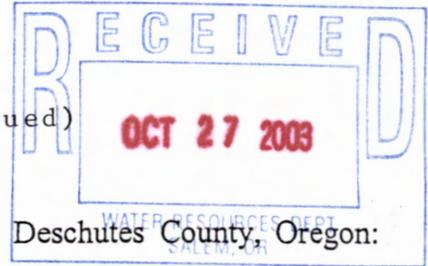
© 2001 DeLorme. Topo USA® 3.0
Scale: 1 : 12,000 Zoom Level: 14-1 Datum: NAD27 Map Rotation: 0° Magnetic Declination: 16.8°E

Permit no. G-15706

page 1

12 7 13 18 1" = 1,000 ft 1,000 ft 17 18 19

Exhibit "A" (Continued)



Deschutes County Property:

Township 21 South, Range 20 East of the Willamette Meridian, Deschutes County, Oregon:

Section 33: S1/2 SW1/4

Section 34: All that portion lying South of Highway 20

Section 35: All that portion lying South of Highway 20

Township 22 South, Range 20 East of the Willamette Meridian, Deschutes County, Oregon:

Section 1: All of the S1/2 and S1/2 N1/2 lying South of Highway 20, and that portion of Lot 7 lying South of Highway 20

Section 2: All that portion lying South of Highway 20

Section 3: Lots 1, 2, 3 and 4, S1/2 of the N1/2, SW1/4, SE1/4

Section 4: NE1/4, NE1/4 NW1/4, W1/2 NW1/4, W1/2 SW1/4, SE1/4 SW1/4, W1/2 SE1/4, SE1/4 NW1/4, NE1/4 SW1/4 and E1/2 SE1/4

Section 9: NE1/4, NW1/4 NW1/4, SE1/4 NW1/4, E1/2 SW1/4, N1/2 SE1/4, NE1/4 NW1/4, SW1/4 NW1/4, W1/2 SW1/4 and S1/2 SE1/4

Section 10: N1/2 NW1/4, SW1/4 NW1/4, N1/2 SW1/4, NE1/4, SE1/4 NW1/4, S1/2 SW1/4, and SE1/4

Section 11: N1/2, NE1/4 SW1/4, W1/2 SE1/4, W1/2 SW1/4, SE1/4 SW1/4, and E1/2 SE1/4

Section 12: N1/2 N1/2, SW1/4 NW1/4, NW1/4 SE1/4, SW1/4 NE1/4, SE1/4 NW1/4, E1/2 SW1/4, Lots 2, 3, 4, W1/2 SW1/4, and SW1/4 SE1/4

Township 22 South, Range 21, East of the Willamette Meridian, Deschutes County, Oregon:

Section 4: W1/2 W1/2, and SE1/4 NW1/4

Section 5: E1/2 E1/2, W1/2 SE1/4, SW1/4 SW1/4, SE1/4 SW1/4

Section 6: S1/2 SE1/4, and that portion of Lot 7 lying South of Highway 20

Section 7: N1/2, EXCEPTING THEREFROM that portion of the N1/2 NW1/4 lying North of Highway 20, SE1/4, N1/2 SW1/4, SE1/4 SW1/4, and Lot 4.

Section 8: All. EXCEPTING THEREFROM the following: Beginning at a point on the West line of Section 8, Township 22 South, Range 21 East of the Willamette Meridian, said point being 715.0 feet South of the West One-Quarter (W1/4) corner of said Section 8; thence South, along the West line of said Section 8, a distance of 605.0 feet to a point marked by an iron pipe driven into the ground; thence North 89°51' East, a distance of 1315.79 feet to a point marked with an iron pipe driven into the ground, said point also being the Southeast corner of the Northwest One-Quarter (NW1/4) of the Southwest One-Quarter (SW1/4) of said Section 8; thence North along the East line of the aforesaid NW1/4 SW1/4, a distance of 223.0 feet; to a point similarly marked with an iron pipe; thence South 89°51' West, a distance of 855.49 feet to a point marked with an iron pipe driven into the ground; thence North a distance of 307.0 feet to a point marked by a 2" x 2" wooden stake driven flush with the ground, thence South 89°51' West, a distance of 360.3 feet; thence North a distance of 75.0 feet; thence South 89°51' West, a distance of 100.0 feet (more or less), to the point of beginning; EXCEPT that portion heretofore deeded to the State of Oregon for Highway purposes, all in Deschutes County, Oregon.



Oregon Water Resources Department Land Use Information Form

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT fill out this form if water is to be diverted, conveyed, or used only on federal lands.

To Be Completed By Applicant

The following section includes information about proposed water use. This section must be completed by the individual or group that is filing an application for a water right with the Water Resources Department.

A. Applicant

Name: David Roth
Address: PO Box 358
City: Christmas Valley State: OR Zip: 97611 Day Phone: 541-420-2324

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

22-20
22-20
22-21
22-21

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
200	Unincorporated Community - EFU	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used
900	" "	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used
300	" "	<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used

List counties and cities where water is proposed to be diverted, conveyed, or used. Deschutes

C. Description of Water Use

Indicate what the water will be used for. Include the beneficial use (found in the instruction booklet for your water right application) and use the space below to describe the key characteristics of the project.

Beneficial Use(s): Alfalfa production
Briefly describe: 2 center pivot pivots irrigating 718 acres

8005 53 130

D. Source

Indicate the source for the proposed water use:
 Reservoir/Pond Ground Water Surface Water _____ (source)

E. Quantity

Indicate the estimated quantity of water the use will require:
3 CFS GPM Acre-Feet

Receipt for Request for Land Use Information

State of Oregon
Water Resources Department
Commerce Bldg.
158 12th St. NE
Salem, OR 97310-0210
(503)378-8455

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless your project will be located entirely within the city limits. In this case, only the city planning agency must complete this form. Please request additional forms as needed or feel free to copy.

A. Allowed Use

Check the appropriate box below and provide requested information.

- Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): _____ Go to section B "Approval" below
- Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

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

Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus accompanying findings is sufficient.)

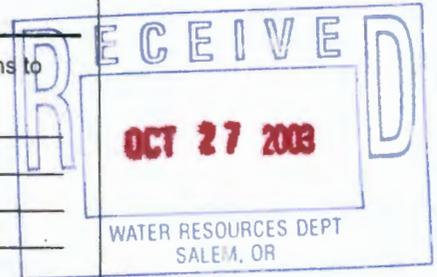
B. Approval

Please provide printed name and written signature.

Name: Christy Morgan Date: 10/8/03
 Title: Assist. Planner Phone: 383-6701
 Signature: Christy Morgan

C. Additional Comments

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



Note: If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. You will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD will presume the land use associated with the proposed water right is compatible with local comprehensive plans. (See attached letter.)

Receipt for Request for Land Use Information

Name of water right applicant: David Roth

This receipt must be signed by a local government representative and returned to the applicant at the time they present this form. This receipt must be included in the application for a water right permit if the local government cannot provide the requested land use information while the applicant waits.

City or County: Deschutes County
 Staff contact: Christy Morgan Phone: 383-6701

Signature: Christy Morgan Date: 10/8/03

STATE OF OREGON
WATER RESOURCES DEPARTMENT

RECEIPT # **113547**

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

INVOICE# _____

RECEIVED FROM: Farm Credit Services

BY: 46009579

CASH: CHECK: # 46009579 OTHER: (IDENTIFY)

APPLICATION	*
PERMIT	
TRANSFER	
TOTAL REC'D	\$ 255.00

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 *** G-16123**

0407 COPY & TAPE FEES **G-15773** \$ _____

0410 RESEARCH FEES **G-16895** \$ _____

0408 MISC REVENUE: (IDENTIFY) **Assignment** \$ **255.00**

TC162 DEPOSIT LIAB. (IDENTIFY) \$ _____

0240 EXTENSION OF TIME **46111** \$ _____

WATER RIGHTS:

0201 SURFACE WATER 3 @ \$5.00	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$ _____	0204	\$ _____
0205 TRANSFER	\$ _____		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$ _____	0220	\$ _____
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: **113547** DATED: 9/26/14 BY: Chungate

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