#### Certificate # 55569

#### For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?  $\Box$  Yes  $\boxtimes$  No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) RECEIVED BY OWRD

Ground water supplemental Permit or Certificate # N/A; Surface water primary Certificate # N/A.

# For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

# For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.
 Tip: You may search for well logs on the Department's web page at:

http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx

AUG 2 3 2016

MAY 0 9 2016

SALEM, OR

#### AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
WEST WELL	YES	L-118055	220'	12"		20'		40'	Pumice	

I

12370



Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

#### CERTIFICATE # 55570

#### **Description of Water Delivery System**

RECEIVED BY OWRD

AUG 2 3 2016

System capacity: .5 cubic feet per second (cfs) OR

gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. WELL PUMP DRIVES PIVOTS DIRECTLY

#### Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA) (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	vр	R	ng	Sec	¥4 ¥.		Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
MIDDLE WELL	Authorized Proposed	HARN 1428	26	s	34	E	19	NW	SE	2300	70' S, 40'W OF NE COR OF NW/SE 1/4 SEC 19
WEST WELL	Authorized Proposed	L-118055	"	"	34	"	19	SE	sw	2100	1320' N, 1480' E OF SW COR SEC 19
NORTH WELL	Authorized	HARN 1426			"		"	sw	NE	1900	1230' N, 170'W OF NE COR OF NW/SE 1/4 COR SEC 19
EAST WELL	Authorized Proposed	HARN 1429	"	"	"	"	20	SE	sw		174N, 123' W OF SHARN

#### Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	$\sqrt{\boxtimes}$	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Substitution (SUB)
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)
Vill all	of the proposed changes affect the entit	ire wate	er right?
Ves	Complete only the Proposed ("to" or "o	n" land	s) section of Table 2 on the next page. Use the

# W

Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.

No Complete all of Table 2 to describe the portion of the water right to be changed.

RECEIVED BY OWRD

MAY 0 9 2016

Permanent Transfer Application Form – Page 14 of 22 TSALEM, OR 10270

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions. Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

#### Table 2. Description of Changes to Water Right Certificate # 55570

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

The			appe	ars o	n the	certific	ate BE	' or "off" lan FORE PROI right that wil	POSED CHA	NGES	Changes (see			Th	e lis	ting			appea		TER PI	on" land ROPOS	s) ED CHANG	ES
Twp	Rng	Sec	1/4		Tax Lot	Gvt Lot or DLC	Paris-	Type of USE listed on Certificate	POD(a) ar	Priority Date	"CODES" from previous page)	Tv	vp	R	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
Τ											POU/APOA	26	s	34	E	19	SE	SE	2300		21.4	IR	North Well Middle Well East Well West Well	5-8-78
1												"	"	"	"	"	sw	SE	"/		.6	"	"	"
-											1.0.	"	"	"	"	"	SE	sw	2100		18		"	
-											4													
											Trans and													
											SUB-RAY													
-											2.2													
	+										132 54 2													
-											12.0010													
			T	ОТА	L ACF	RES:					2000-2						1	ΓΟΤΑ	L ACR	ES:	40			
A	dditio	nal re			-																			

#### RECEIVED BY OWRD

#### RECEIVED BY OWRD

AUG 2 3 2016

TACS

MAY 09 2016

Revised 7/1/2013

12378

Permanent Transfer Application Form - Page 15 of 22

SALEM, OR

#### Certificate # 55570

### For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?  $\Box$  Yes  $\boxtimes$  No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate  $\# \underline{N/A}$ .

# For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

# For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx

AUG 2 3 2016

#### AND/OR

SALEM, OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
WEST WELL	YES	L-118055	220'	12"		20'		40'	Pumice	
									-	



12378

Т



RECEIVED BY OWRD

MAY 09 2016

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

#### **CERTIFICATE # 55571**

#### **Description of Water Delivery System**

System capacity: 1.03 cubic feet per second (cfs) OR

\_\_\_\_\_gallons per minute (gpm)

SALEM, OR

RECEIVED BY OWRD

AUG 2 3 2016

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. WELL PUMP DRIVES PIVOTS DIRECTLY

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA) (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tw	NOT P		ng	Sec		up I I G	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
NORTH WELL	Authorized	HARN 1426	26	s	34	E	19	SW N	NE 1	900	1230'N, 170' W OF NE COR OF NW/SE 1/4 SEC 19
MIDDLE WELL	Authorized	HARN 1428	26	s	34	E	19	NW S	SE 2	300	70' S, 40'W OF NE COR OF NW/SE 1/4 SEC 19
WEST WELL	Authorized	L-118055		"	34		19	SE S	sw 2	2100	1320' N, 1480' E OF SW COR SEC 19
EAST WELL	Authorized	HARN 1429		"			20	SE S	sw	"	17' N, 123' W OF SEASW 1/4 COR SEC 19

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

$\boxtimes$	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	$\boxtimes$	Additional Point of Appropriation (APOA)

Π	Additional	Point of	Diversion	(APOD)
---	------------	----------	-----------	--------

Surface Water POD to Ground Water POA (SW/GW) Government Action POD (GOV)

Substitution (SUB)

#### Will all of the proposed changes affect the entire water right?

- Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- □ No Complete all of Table 2 to describe the portion of the water right to be changed.

#### RECEIVED BY OWRD

MAY 09 2016

12378

Permanent Transfer Application Form - Page 17 of 2

TACS

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions. Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

#### Table 2. Description of Changes to Water Right Certificate # 55571

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

The			appe	ars or	n the	certific	ate BE		ds) POSED CHA I be changed.	NGES	Proposed Changes (see			Th	e lis	ting	PR as it v	OPO: would	appea	he "to ar AF" re ma	FER PF	on" land ROPOS	s) ED CHANG	ES
Twp	Rng	Sec	1/4		Tax Lot	Gvt Lot or DLC		Type of USE listed on Certificate	POD(s) or	Priority Date	"CODES" from previous page)	Tv	vp	R	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
											POU/APOA	26	s	34	E	19	sw		1900- 12200	2	V <sub>6.4</sub> V	ÍR	North Well Middle Well East Well West Well	10-18-78
											"	"	"	"	"	"_	SE	NW	1900, 2200	1	V37.4			"
													"	"	"	"	sw	NW	2100	21	19	"	"	
1												"	"	"		"	NW	SE	2300		1/2.8√	"		"
+		1									"		"	"	"	"	NE	sw	"/		V 3V	"	"	"
-		1											"	"		"	sw	SE	"⁄		15.5 V		"	"
												"	"	"	"	"*	SE	sw	2100		√8.3√	"	"	"
-		-										$\vdash$												
-		-													-		-	-		-	-			
			T	OTAI	LACH	RES:												 ГОТА	L ACR	ES:	82.4	/		
A	dditic	onal re	emark	cs: <u>N</u>	/A.																		00	

RECEIVED BY OWRD

RECEIVED BY OWRD

AUG 2 3 2016

6

MAY 0 9 2016 TACS

Revised 7/1/2013

I 12378

Permanent Transfer Application Form – Page 18 of 22

SALEM, OR

#### Certificate # 55571

#### For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?  $\Box$  Yes  $\boxtimes$  No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) BECEIVED BY OWRD

Ground water supplemental Permit or Certificate # <u>N/A;</u> Surface water primary Certificate # <u>N/A.</u>

# For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

# For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx

AUG 2 3 2016

MAY 0 9 2016

SALEM, OR

#### AND/OR

SALEM, OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
WEST WELL	YES	L-118055	220'	12"		20'		40'	Pumice	
_										



TACS

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form, BY OWRD

#### CERTIFICATE # 85182

#### **Description of Water Delivery System**

AUG 2 3 2016

SALEM, OR

System capacity: <u>1.025</u> cubic feet per second (cfs) OR

\_gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. <u>WELL PUMP DRIVES PIVOTS DIRECTLY</u>

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	) TV	-/V9 vp		ng	or or Sec	4 T.m. 14 !	1	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
EAST WELL	Authorized Proposed	HARN 1429	"	"	"	"	20	SE	sw	"	17' N, 123' W OF SE SW 1/4 COR SEC 19 20
MIDDLE WELL	Authorized	HARN 1428	26	s	34	E	19	NW	SE	2300	70' S, 40'W OF NE COR OF NW/SE 1/4 SEC 19
WEST WELL	Authorized Proposed	L-118055		"	34		19	SE	sw	2100	1320' N, 1480' E OF SW COR SEC 19
NORTH WELL	Authorized	HARN 1426		"	"		V	sw	NE	1900	1230' N, 170'W OF NE COR OF NW/SE 1/4 COR SEC 19

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

Chick a	in type(s) of change(s) proposed below (	enen B	cobro mepronate provident
$\boxtimes$	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	$\boxtimes$	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Substitution (SUB)
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)
Will all	of the proposed changes affect the entir	e wate	er right?
🛛 Yes	Complete only the Proposed ("to" or "on "CODES" listed above to describe the pr		s) section of Table 2 on the next page. Use the d changes.
🗌 No	Complete all of Table 2 to describe the p	ortion	of the water right to be changed. RECEIVED BY OWRD

MAY 0 9 2016

SALEM, OR

12378

T

TACS

Revised 7/1/2013

Permanent Transfer Application Form - Page 20 of 22

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

# Table 2. Description of Changes to Water Right Certificate # 85182

List the change proposed for the acreage in each <sup>1</sup>/<sub>4</sub> <sup>1</sup>/<sub>4</sub>. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

Th			appears	on th	e certif	icate BE		nds) POSED CHA Il be changed.		Changes (see			Th	e lis	sting	PF as it	ROPO would	d appe	the "to ar AF" are ma	TER P	on" land ROPOS	ls) ED CHANC	)ES
Twp	Rng	Sec	1/4 1/4	Ta Lo	II OT O	r Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date	"CODES" from previous page)	т	wp	R	ng	Sec	%	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
										POU/APOA	26	s	34	E	20	sw	SE V	2300	-	18.4	IR	North Well Middle Well East Well West Well	3-10-92
_										"	"	"	"	F	- :/	SE	sw	~		/15.9/	"	"	"
										100	"		"	F	29	NW	NE	"/		9.7		"	"
											"	"	"	"	19	NW	SE	2300		/2.7/	"	"	"
										1. <b>1</b> 1	"	"	"	-	- 11	NE	sw	"		31.8	"	"	"
										•	"	"	"	"	- "/	NW	sw	2100	3	3.5	"	"	
			-																				
										142													1
			TOTA	AL AC	RES:					14 1 2 2 1		_	_	-		Т	OTAI	L ACR	ES:	82.0			
Ad	dition	nal rei	marks: ]	N/A.			RECEIVE	ED BY OW	RD									_				1	

AUG 2 3 2016

SALEM, OR

RECEIVED BY OWRD

Revised 7/1/2013

T

12378

Permanent Transfer Application Form - Page 21 of 22

MAY 0 9 2016

TACS

Are there other water light certificates, which use purposes $\mathbb{Z}$ with the "from" or the "to" lands? $\square$ Yes $\boxtimes$ No	
If YES, list the certificate, water use permit, or ground water registration numb	bers: <u>N/A.</u>
Pursuant to ORS 540.510, any "layered" water use such as an irrigation right the a primary right proposed for transfer must be included in the transfer or be can to a ground water registration must be filed separately in a ground water registration.	hat is supplemental to celled. Any change ration modification
For Substitution (ground water supplemental irrigation will be substituted for surface irrigation)	
Ground water supplemental Permit or Certificate # <u>N/A;</u> Surface water primary Certificate # <u>N/A.</u>	RECEIVED BY OWRD
For a change from Supplemental Irrigation Use to Primary Irrigation Use	MAY 092016
Identify the primary certificate to be cancelled. Certificate $\# N/A$	SALEM, OR

# For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated  $\boxtimes$ with the corresponding well(s) in Table 1 above and on the accompanying application map. Tip: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well log/Default.aspx

#### AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not  $\boxtimes$ have a well log. For proposed wells not yet constructed or built, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

# Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
WEST WELL	YES	L-118055	220'	12'		20'		40'	Pumice	
						1.1.1.1				

TACS

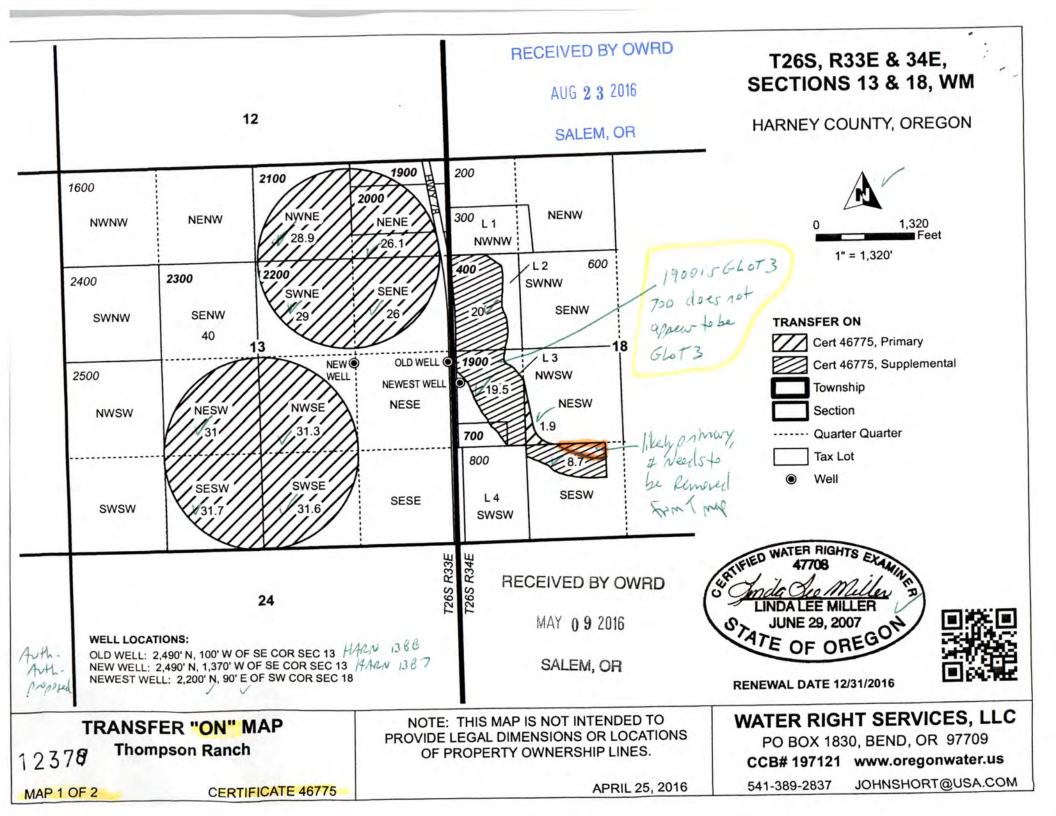
For Place of Use or Character of Use Changes

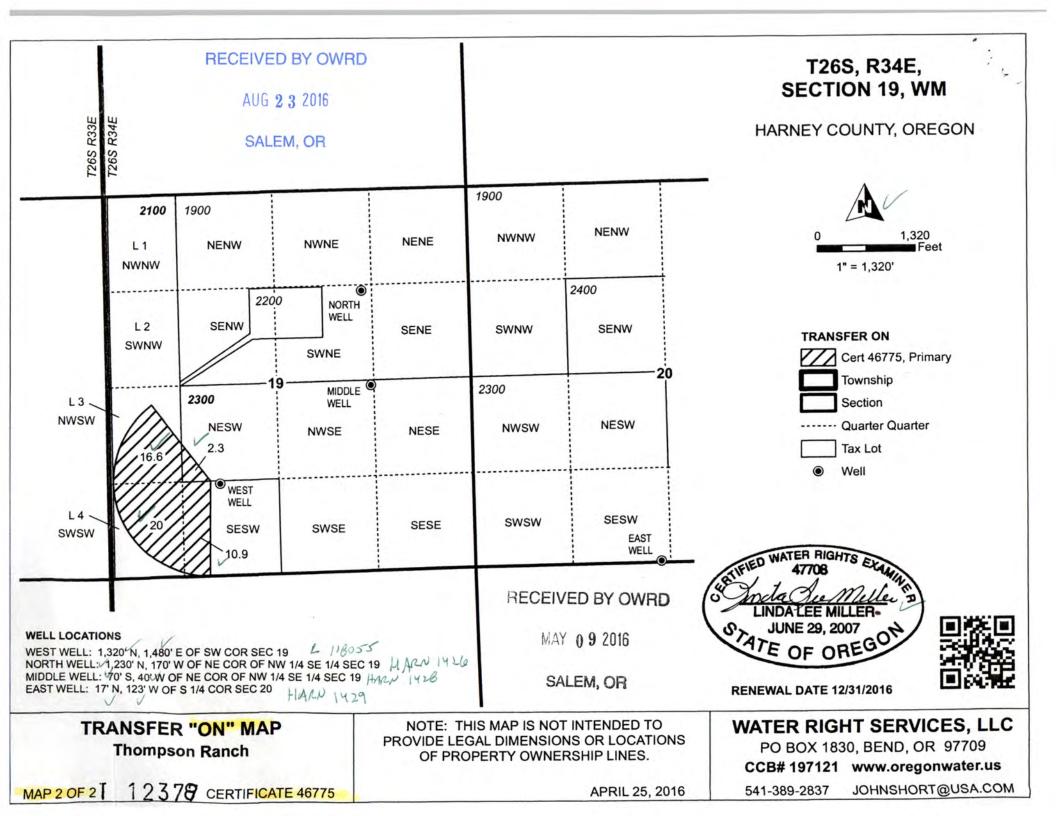
Are there other water right certificates, water use permits or ground water registrations associated

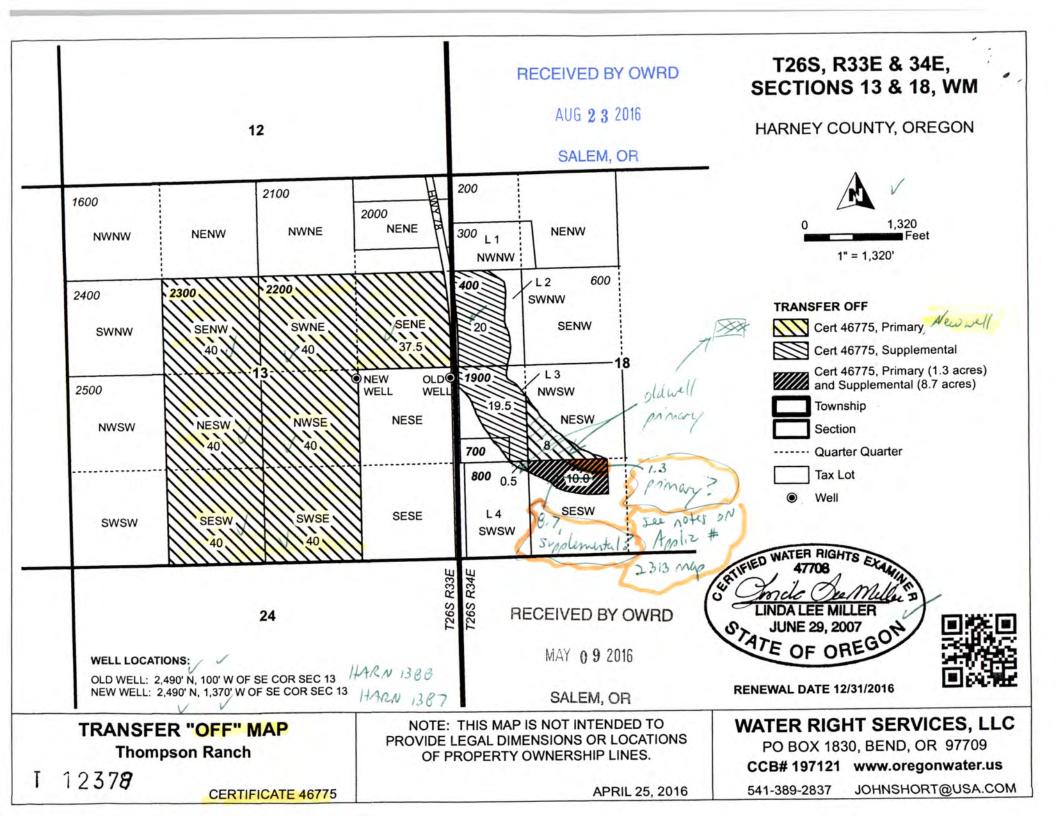
#### AUG 2 3 2016 Certificate # 85182

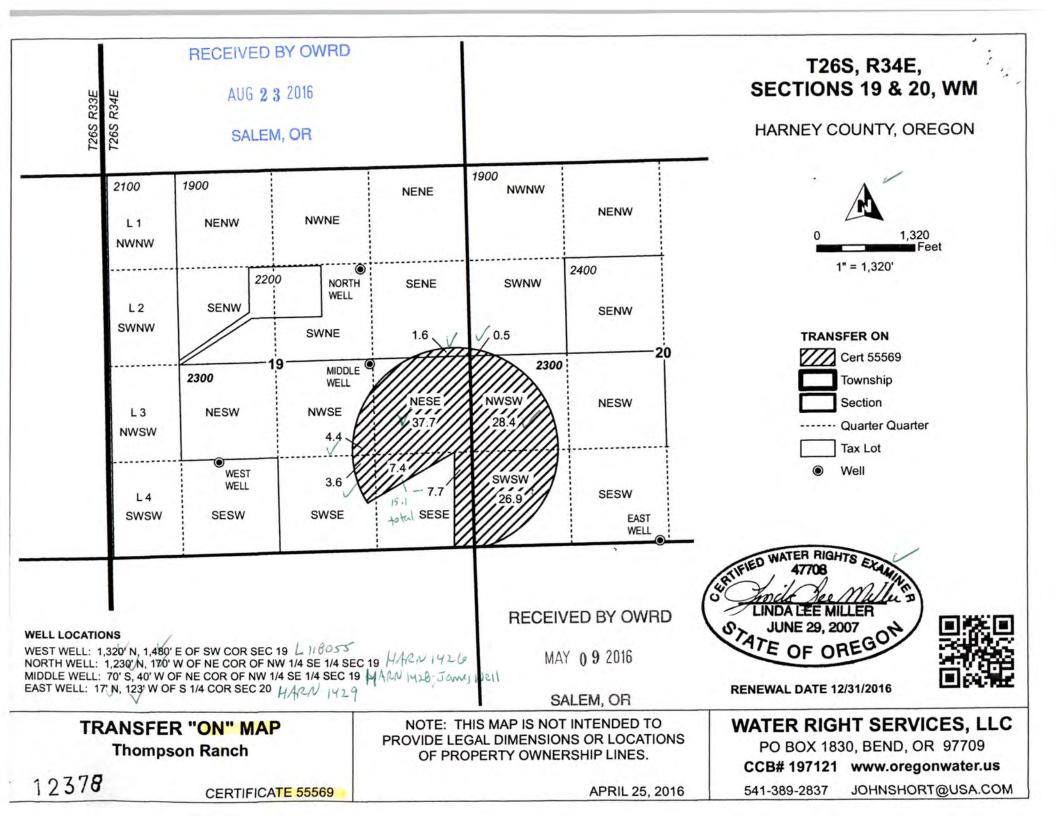
SALEM, OR

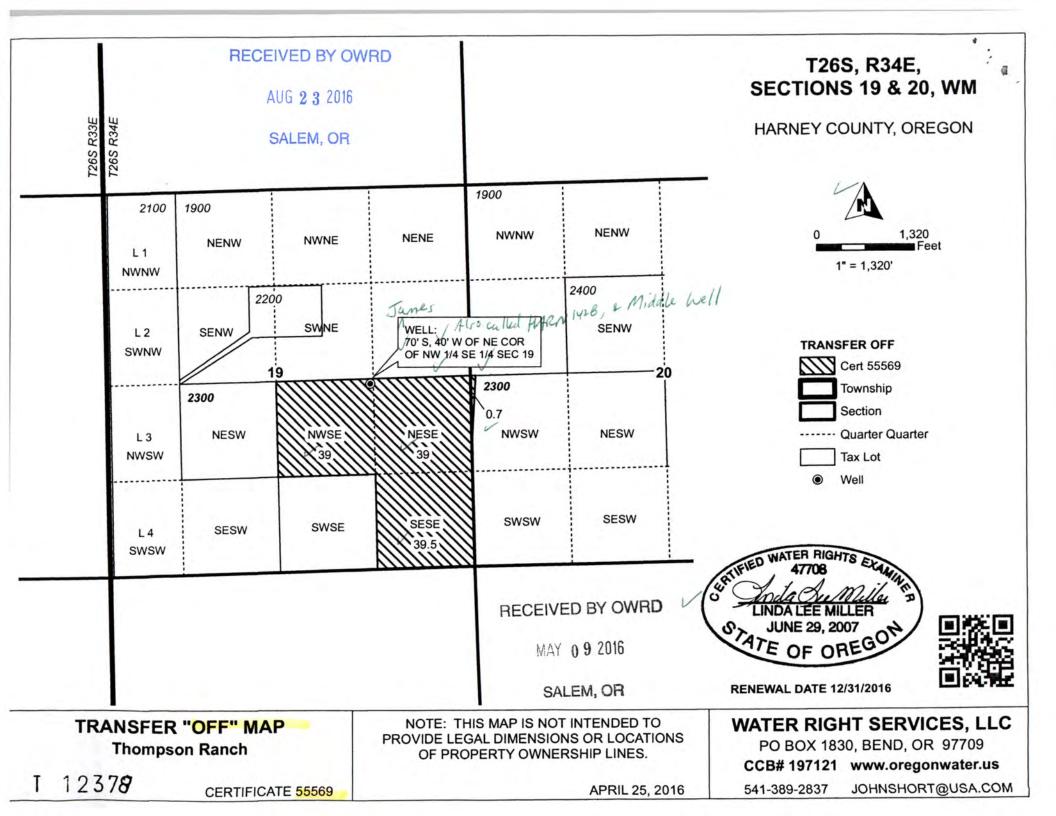
ILL.

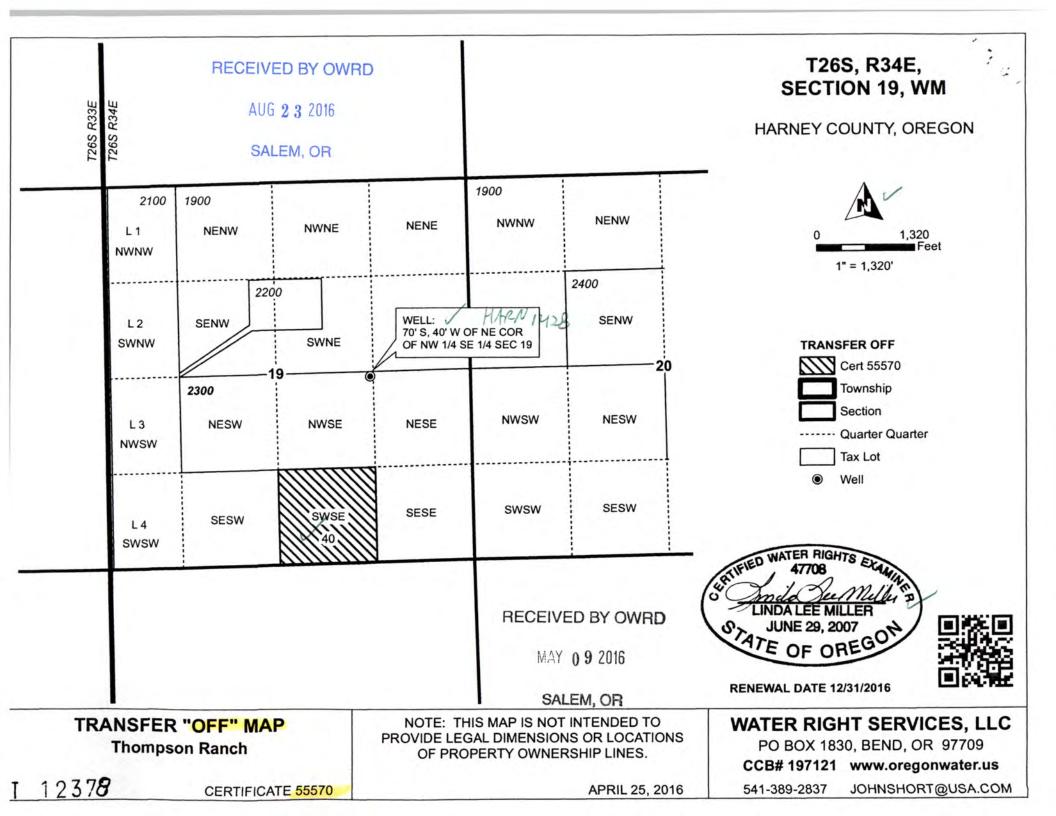


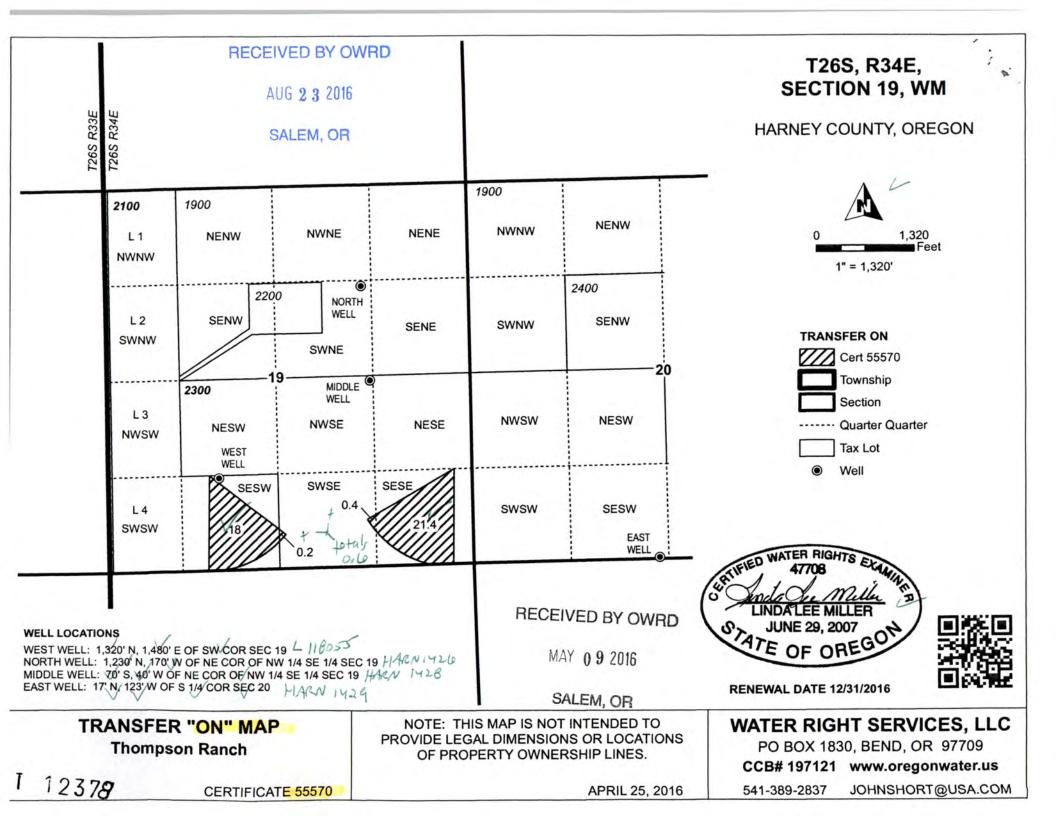


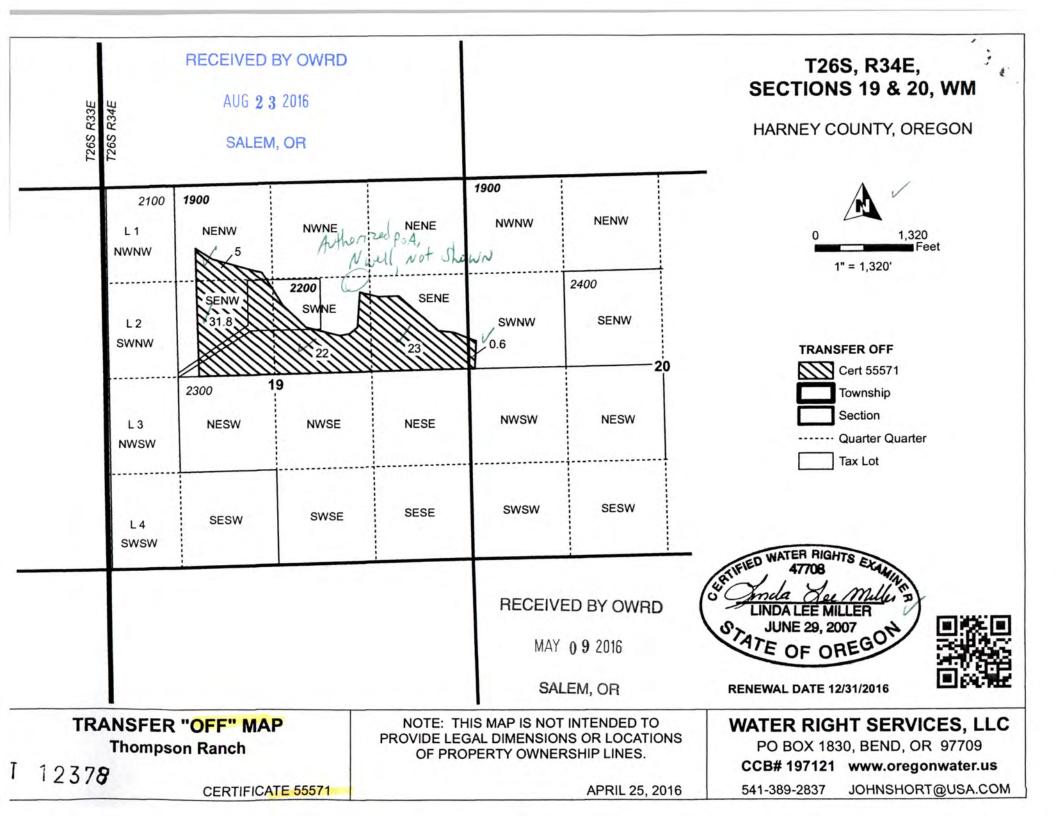


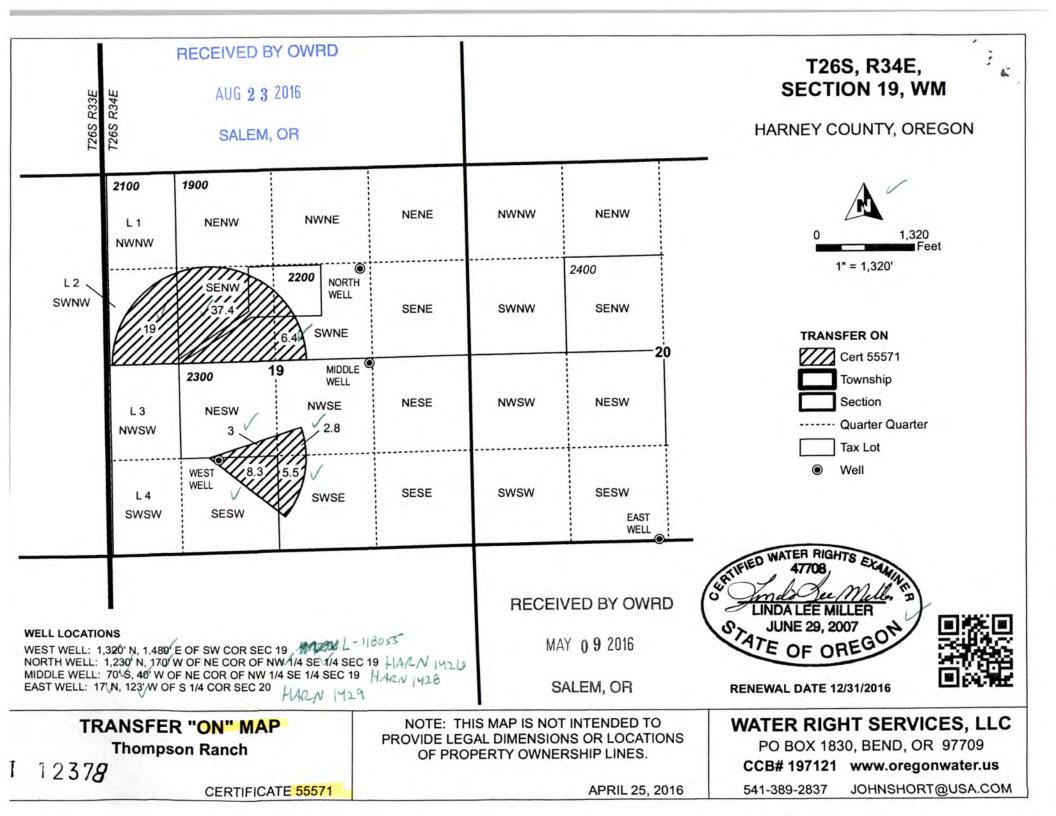


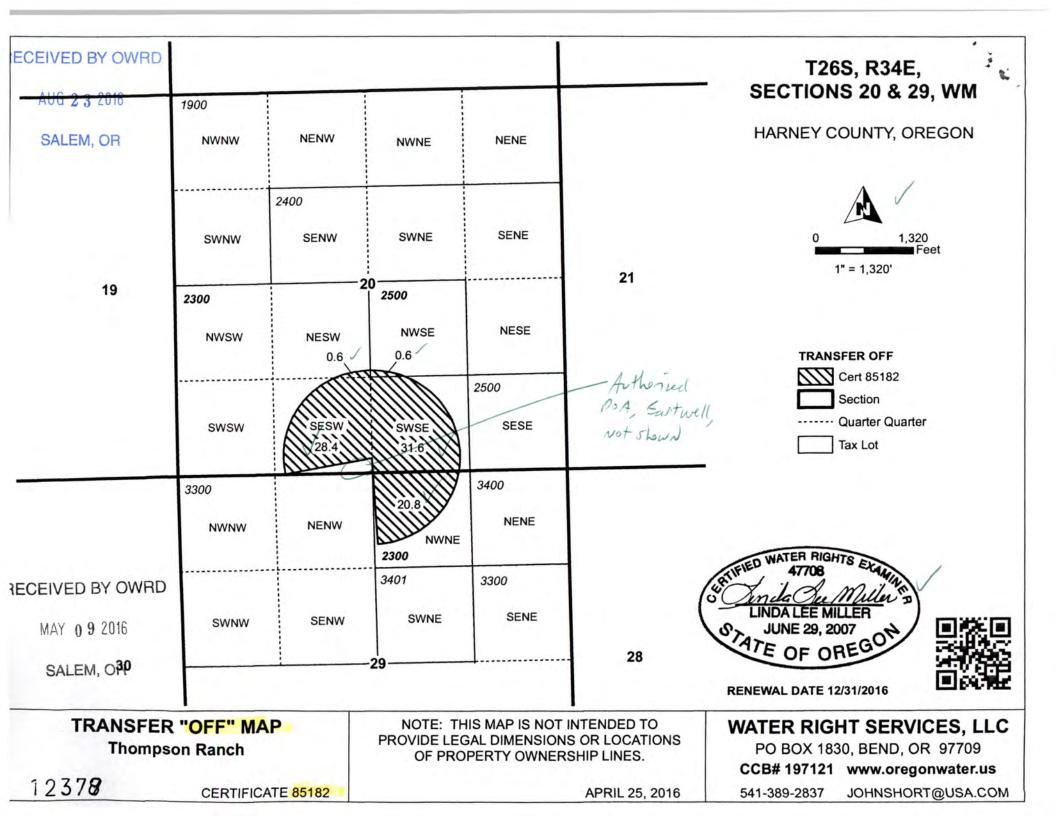


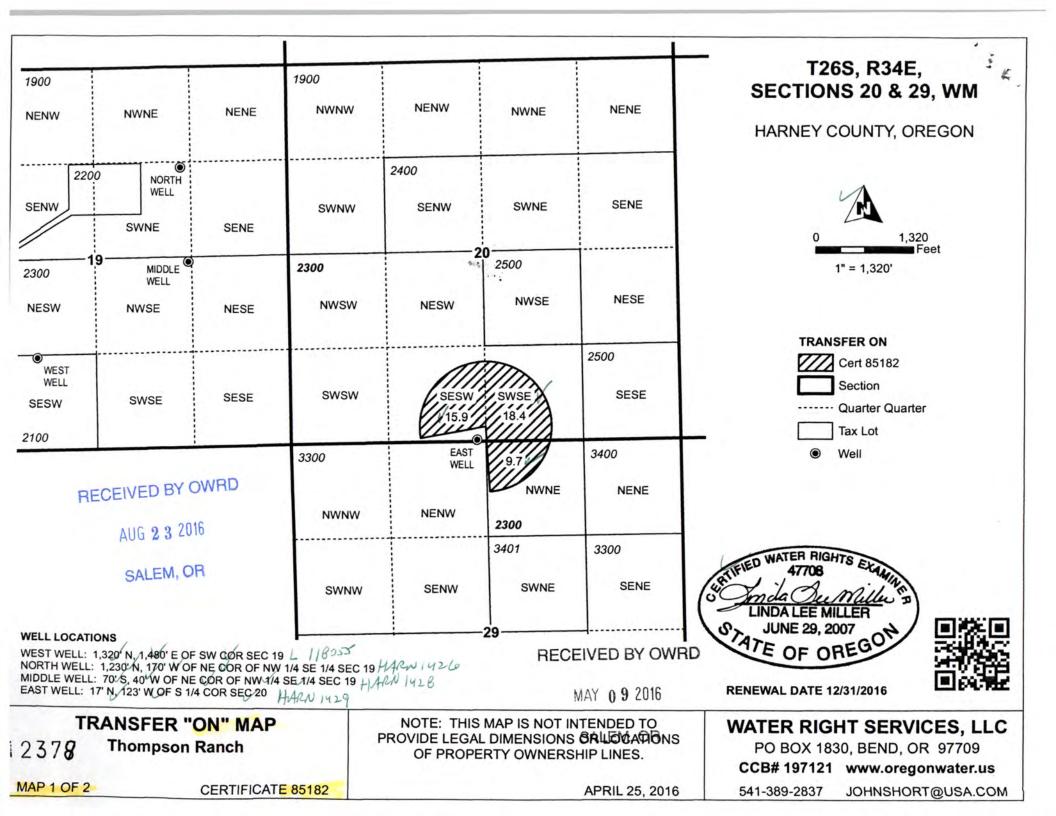


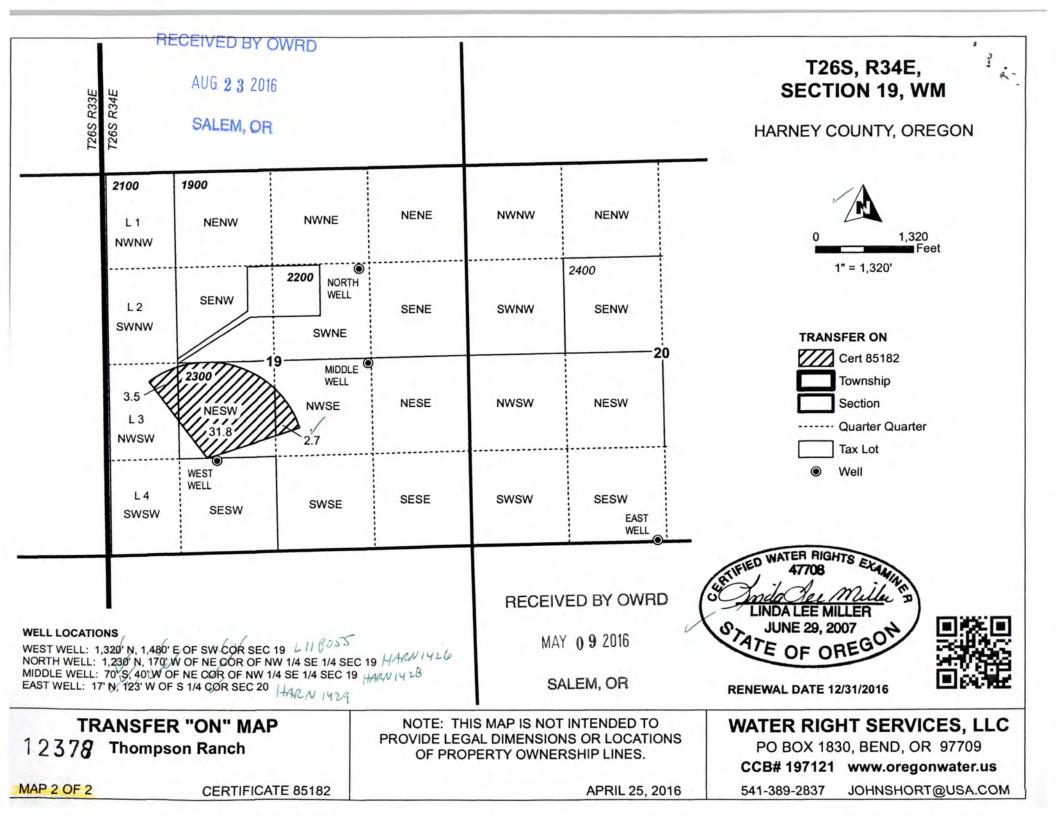


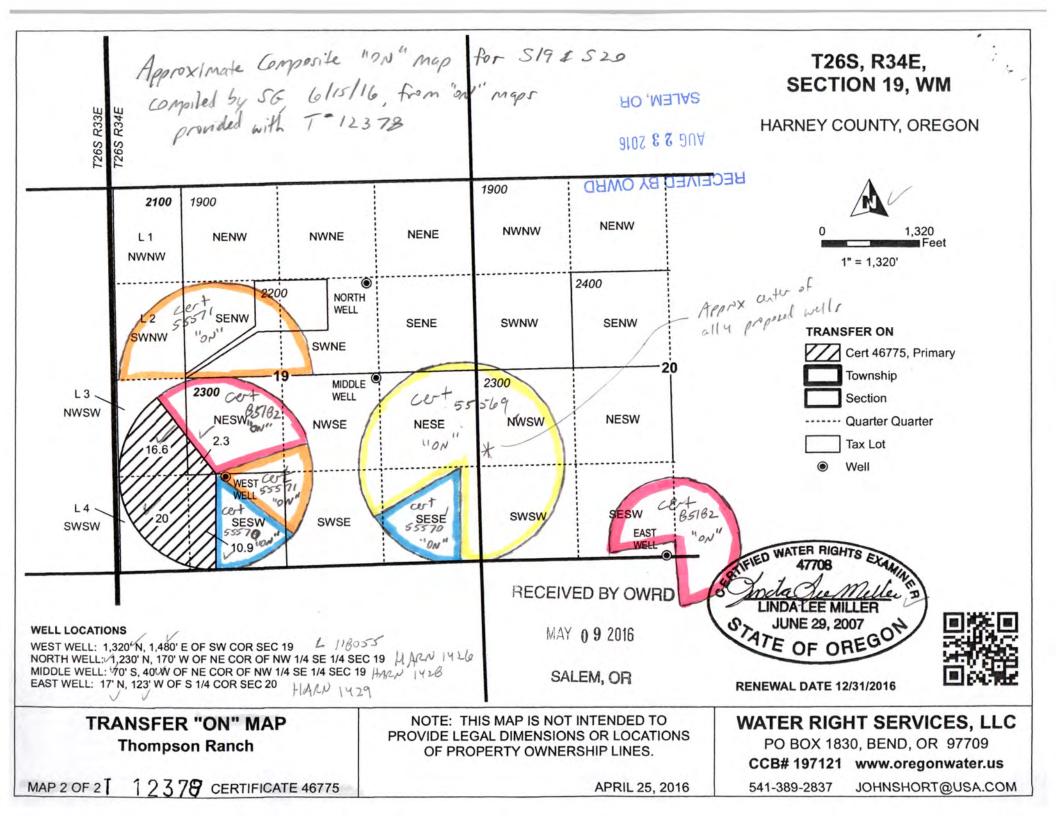












#### **Oregon Water Resources Department**

### **Measurement Condition Information for the Applicant**

(to be sent with the Draft Preliminary Determination or Final Order)

Transfer #: T-12378

10

In order to avoid enlargement of the right or injury to other rights, a <u>totalizing flow meter</u> will be required to be installed **prior to diversion of water**, as a condition of this transfer:

 $\boxtimes$  at each point of diversion/appropriation (new and existing) or  $\square$  at each new point of diversion/appropriation.

For additional information, or to obtain approval of a different type of measurement device, the applicant should contact the area Watermaster:

Watermaster name: JR Johnson

District: 10

Address: 450 N Buena Vista

City/State/Zip: Burns, OR 97720

Phone: 541 573 2764

Email: jr.johnson@wrd.state.or.us

Note: If a device other than the one specified in the Preliminary Determination or Final Order is approved by the Watermaster, fill out and mail the form below to the Salem office.

#### Approval of an Alternate Measurement Device

Т-\_\_\_

(to be filled out after consultation with the applicant, or after a site visit)

On behalf of the Director, I authorize use of the following suitable alternate measurement device:

Watermaster signature

District

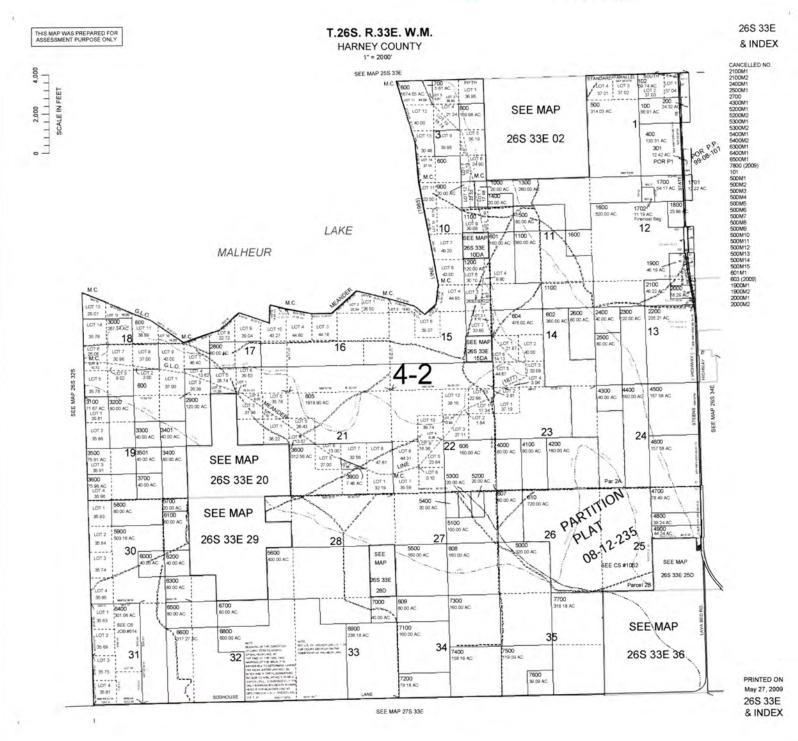
Date

If this form is used for approval of an alternative measurement device, it must be mailed to:

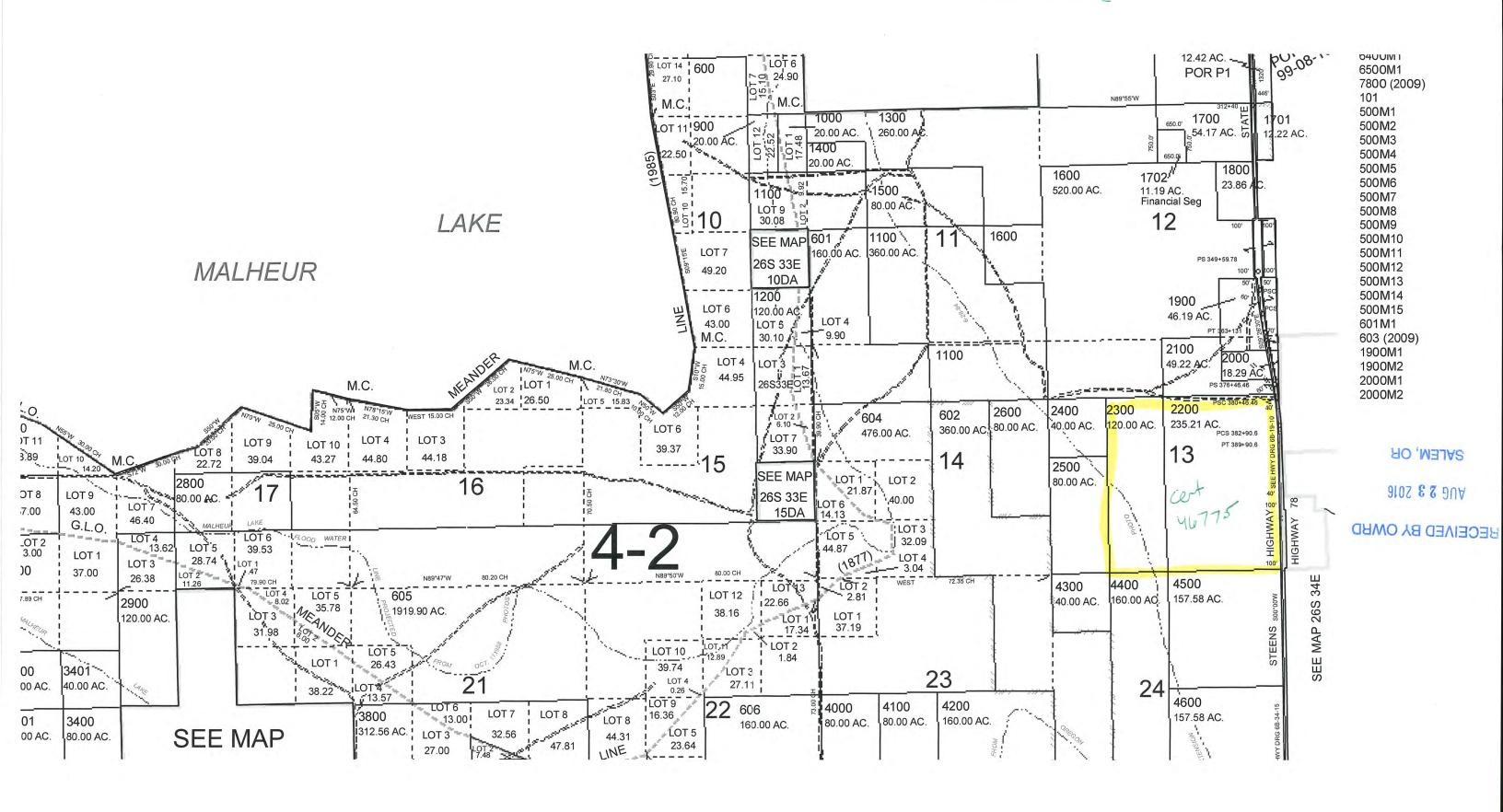
Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1266



# BECEIVED BY OWRD



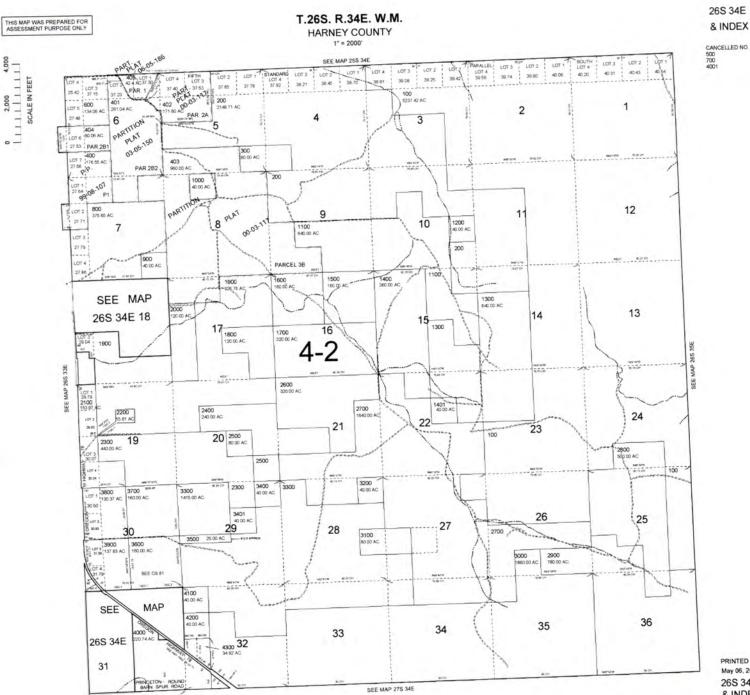
1"= 2000 ' 26533E T265 R33E



# RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OR



PRINTED ON May 06, 2008 26S 34E & INDEX

CANCELLED NO 500 700 4001

## **JECEIVED BY OWRD**

AUG 2 3 2016



### Water Right Platcard Report

	11 1: 13 ✔ R	Cert ecords				Searc	h			ards Ma	
	V	V		V	V		y		K	V	/iew Ma
Water Right <u>Xfers</u> Priority <u>Use</u> <u>Status</u> <u>DCC</u> Lot Q(160):	<u>NE NE NE</u>	NE N	w NW	NW NW	<u>sw</u> s	w sw	<u>sw</u>	SE 40		E SE	<u>Q0</u>
Additional Info: ORON THOMPSON App: S2314 Permit: S1151 Cert: 2074	10	40*		10					7		
Additional Info: NEVIN THOMPSON App: \$2314 Permit: \$1151								40		40	
Cert: 44942 ect Cert: 46775 OR * T12378 9/10/1974 IRRIGATION Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	40	37.5		40 V	40		40		40	40	
ect     Inchoate: T 12197 CF (GRM)*     7/16/1951 MUNICIPAL       Additional Info:     USES       WILLIE GERMANN       Claim: GR756								(*)			
Additional Info: A LATHROP Claim: GR491								(*)			
Lect     Cert:31567 OR CN     9/17/1956     SUPPLEMENTAL     CN       Additional Info:     IRRIGATION       LESTER THOMPSON     (Suppl'mtl)       App: G313     Permit: G408       Cert: 31567     Certinal State		12						-37.3		-3	8-
Additional Info:     9/17/1956     SUPPLEMENTAL IRRIGATION     NCR       Additional Info:     (Suppl'mtl)     NCR       NEVIN THOMPSON     App: G313       Permit: G408     Cert: 41921								37.3		3	38
reage Legend: 12.25 Regular acreage -12.25 Acreage is on a (12.25) Acreage is part of a tra canceled right on yet (inchoate) Jod is cluster of old well on 46775	insfer and has	not been	n prover	n up [12	.25] Ac su	rreage spende		en		Acre <mark>a</mark> ge specifie	e is not

AUG 2 3 2016

ater 'R	ight Platcard I	Report												Page	e I
WRD	Oregon Water R Water Rights Pl	lesourc atcard	es Departmer Report	it							11 (3	Main Returr		Help Contact	t Us
	Criteria	P, wnship:	obably No 26 South	Co∧ fli ▼ Range: 34		Section: 18		م م ds per P	_		967 Sear			atcards Ma about * <u>Vi</u>	
1	Water Right	hanging Xfers	<u>Priority U</u>	l <u>se</u> <u>Use</u>		160): <u>NE NW</u> 160): <u>NE NE</u>	SW SE NE NE	NE NV NW NV	SW SW	<u>SE NE</u> IW SW	NW SW	<u>SW</u> SE SWSW	<u>NE NW</u> SE <u>SE</u>	DE DE	Uni C
AIO AI	ert:2074 OR CN dditional Info: RON THOMPSON pp: S2314 ermit: S1151 ert: 2074		5/20/1912 IRRIGA		V					1		10		-6-	
	ert:2074 OR CN dditional Info: RON THOMPSON pp: S2314 ermit: S1151 ert: 2074		5/20/1912 IRRIGA		2				20						
AC A P	ert:2074 OR CN dditional Info: RON THOMPSON upp: S2314 ermit: S1151 Sert: 2074		5/20/1912 IRRIGA	TION CN	<i>A</i> (3)					-	20				
A N A F	Cert: 44942 RR * Additional Info: NEVIN THOMPSON App: S2314 Permit: S1151 Cert: 44942	NO	5/20/1912 IRRIGA		y f- bjert Suplemen	tal		L	20				200	313 N	hi hi F
/       	Cert:44942 RR * Additional Info: NEVIN THOMPSON App: S2314 Permit: S1151 Cert: 44942	12	5/20/1912 IRRIG	prin 1	ay for bject sydd	mutal		1	1	l	20	10	1	6 a Co	dt
	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	Notes 2312	9/10/1974 IRRIG CR - See 3N Appli Map - St	stion station #	Jubiert file e a confl					A.		V <sup>(3</sup>			
Select	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974 IRRIG	ATION	subject fi	h					10	0.5			
100 mm	Cert:46775 OR *	T12378	9/10/1974 SUPP IRRIG (Supp	ATION	subject							V 8.7	Y		

	oon. ionio	and the second				+ + +					
Select	Cert:46775 OR *	T12378	9/10/1974	SUPPLEMENTAL IRRIGATION	Subject				8.7		
	Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775			(Suppl'mtl)	Rte						
Select	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	sibert file		20			2 3 2016	EM, OR
Selec	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974	SUPPLEMENTAL IRRIGATION (Suppl'mtl)	5-biert file			19.5	DECEM	AUG	SAL

http://apps.wrd.state.or.us/apps/wr/wrinfo/wr\_platcard.aspx?ddl\_meridian=0&tb\_township=26&ddl\_towns... 6/15/2016

Additional Info: NEVIN THOMPSON

\* Acreage is not specified

Vater Right Platcard Report	Tugeror
Oregon Water Resources Department Water Rights Platcard Report	🛪 Main 🛛 Help 3 Return 🕓 Contact Us
Search Criteria	
"FR 0M"       Cert       55569         Meridian:       Willamette       Township:       26         South       Range:       34       East       Section:       19       Records per Page:       10         V       V       V       V       V       V       V	Search Learn about • View Map
Water Right         Changing         Priority         Use         DLC         Gov/t         QQ(40):         NE         NW         SW         SE         NW         SW         SE         NU         SW         SU         SU	
CONTRACTOR OF TANTA ANALON INCIDENCIAL	39 39 39.5

	App: G6056 Permit: G5183 Cert: 55569				the file					12					and the second se
Select	Cert:55570 OR * Additional Info: NEVIN THOMPSON App: G8801 Permit: G8242 Cert: 55570	T12378	5/8/1978	IRRIGATION	subject file									40	
<u>Select</u>	Cert:55571 OR * Additional Info: NEVIN THOMPSON App: G8973 Permit: G8372 Cert: 55571	T12378	10/18/1978	s IRRIGATION	ect Rile		22	23	5		31.8		and the second		and a second second
Acreag	e Legend: 12.25 Re ac	gular reage		Acreage is on a canceled right	(12.25) Acreage is p proven up or	art of a tra	ansfer oate)	and	nas not	been	[12.:	25] Acrea suspe	been		•

subject

"From":

for cert 55569, vo conflicts for cert 55570, ND conflicts for cert 55571, ND conflicts

RECEIVED BY OWRD

AUG 2 3 2016

Water Right	Platcard	Report
-------------	----------	--------

 Oregon Water Resources Department
 Main
 Help

 Water Rights Platcard Report
 Return
 Contact Us

 Search Criteria
 Search Criteria

Meridiar	: Willamette	Township	26	South V	Range:	34	Eas	st 🗸	Section	n: 20	∨ R	ecord	ls per	Page	e: [1	0		Sea	arch		Lea			Maps! View Ma
		_									0			ł		V	V		V		V	V		
	Water Right	Changing Xfers	<u>Priority</u>	<u>Use</u>	<u>Use</u> Statu			QQ(40): Q(160):			<u>N SE</u> E NE	NE NW	<u>NW</u> NW			NE SW	<u>sw</u>		1000	the second se	NW SE	SW SE	SE SE	<u>Unkown</u> <u>QQ</u>
A A A	Cert:55569 OR * Additional Info: IEVIN THOMPSON App: G6056 Permit: G5183 Cert: 55569		4/4/1978	IRRIGATIO	on Jobe	ct file											0.7							
	Cert:55571 OR * Additional Info: NEVIN THOMPSON App: G8973 Permit: G8372 Cert: 55571	T12378	10/18/1978		ubrea fi	if k								0.6										
1	Cert:85182 OR * Additional Info: NEVIN THOMPSO App: G12817 Permit: G11679 Cert: 85182	T12378 N	3/10/1992	IRRIGATIO		prei fil	t e									0.6			28.4		0.6	31.6		
Acreage	Legend: 12.25 F	Regular acreage		creage is or anceled righ		(12.	25) Acre prov	eage is ven up c				nd has	not b	een		[12.2		Acrea	ge has nded	bee	n		Acrea	age is not fied

"From " for cost. 55569 No conflicts for cost 55571, No conflicts for cert B5182, NO conflicts

**RECEIVED BY OWRD** 

AUG 2 3 2016

SALEM, OR

Water Right	Platcard	Report
-------------	----------	--------

WRD	Water Rights	Platcar	d Report					1			3.41							0	Retur	'n	C	Con	tact	Us
earc	h Criteria					100		1				10	A A A				No. No.		20			25	191	
leridia	n: Willamette 🗸	Townshi	<b>p:</b> 26	South 🗸 F	tange: [	34	East 🗸	Sec	tion:	29 🗸	Re	cords	per	Page	: 10		S	earch		Le	Plat arn al		s Map * <u>Vie</u>	
TRA	Water Right	Changing Xfers	Priority	<u>Use</u>	<u>Use</u> <u>Status</u>	DLC Gov		NE NE	NW NE	<u>SW</u> NE		and the second s	WV WV	<u>SW</u> NW	<u>SE</u> NW	NE SW	NW SW	<u>SW</u> SW	SE SW		<u>NW</u> SE			Jnko QC
	Cert:35951 OR * Additional Info: CHAS.A. BECKLEY App: G1755 Permit: G1604 Cert: 35951	T12357	6/1/1960	IRRIGATION								34.4	17	15.5	30.9									
	Permit: G 16407 * Additional Info: ZACHARY SWORD App: G16973 Permit: G16407		11/30/2007	IRRIGATION												16.3	27.8	33.2	25.6					
	Cert:85182 OR * Additional Info: NEVIN THOMPSON App: G12817 Permit: G11679 Cert: 85182	T12378	3/10/1992	IRRIGATION		subre fil	ect e		20.8														in the second	

AFR cert B5182, NO conflicts

RECEIVED BY OWRD

AUG 2 3 2016

W	ater	Right	Platcard	Report
---	------	-------	----------	--------

WRD	Oregon Water Resources D Water Rights Platcard Repo	epartment rt									Mai Ret			Help Con	tact l	Js
earch	Criteria		1159	L	L	107	75						1900		1-15	
eridian	n: Willamette V Township: 26		East V Section: 13	R	ecords	per Pag	ge: 10	)	V NE N	Search	4		Pla earn a V	bout	<	w Ma
	Water Right <u>Changing</u> Xfers	l <u>Priority Use Use</u>	<u>DLC Gov't</u> QQ(40): <u>NE N</u> Lot Q(160): <u>NE N</u>		SE NE		NW	<u>NW</u>	<u>SW</u> S	SW SW	SW	<u>SE</u>	<u>SE</u>	SE	<u>SE</u>	<u>Q0</u>
	ert:2074 OR CN dditional Info: RON THOMPSON op: S2314 ermit: S1151 ert: 2074	5/20/1912 IRRIGATION		40	10			-40				.40	30		40	
A N A	ert:44942 RR * <u>dditional Info:</u> EVIN THOMPSON pp: S2314 ermit: S1151 ert: 44942	5/20/1912 IRRIGATION										40			40	
AIN A P	ert:46775 OR * T12378 dditional Info: EVIN L THOMPSON pp: G6148 ermit: G5240 iert: 46775	9/10/1974 IRRIGATION 5055	ect 2 NCR	40	37.5			40	40		40		40	40		
A	nchoate: T 12197 CF (GRM) * <u>dditional Info:</u> MLLIE GERMANN Jaim: GR756	7/16/1951 MUNICIPAL USES	NCR									(1)				
A	nchoate: T 12198 CF (GRM) * <u>dditional Info:</u> LATHROP Jaim: GR491	7/16/1951 MUNICIPAL	NOR									(*)				
A L A P	ert:31567 OR CN <u>additional Info:</u> ESTER THOMPSON pp: G313 ermit: G408 cert: 31567	9/17/1956 SUPPLEMENTAL CN IRRIGATION (Suppl'mtl)			<i>7</i> 2							-37.3			-38-	
A N A F	Cert:41921 RR * Additional Info: IEVIN THOMPSON App: G313 Permit: G408 Jert: 41921	9/17/1956 SUPPLEMENTAL IRRIGATION (Suppl'mtl)	NCR									37.3			38	

RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OR

later	Right Platcard	Repor	rt													_	Pa	ige 1	01
WR	Oregon Water Water Rights F	Resour Platcard	ces Department Report										1.215	Main Retui		0 I		act Us	
Searc	ch Criteria	N	o conflicto			"10"								-		Plate	cards	Maps!	
Meridi	an: Willamette 🗸 T	ownship:	26 South V F	ange: 34		Section:				V		K	Search	1		arn abe	out *	View I	
	Water Right	Changing Xfers	<u>Priority</u> <u>Use</u>	<u>Usi</u> Stat	e <u>DLC</u> <u>Gov't</u> o us <u>Lot</u> o	Q(40): NE Q(160): NE	NW SM	<u>NE</u>	<u>VE</u> N	<u>N SW</u> N NW	<u>SE</u> <u>NW</u>	<u>NE N'</u> SW S	<u>w sn</u> <u>w sn</u>	<u>/ SE</u> / <u>SW</u>	NE SE	<u>NW S</u> SE S	<u>sw s</u> Se s	<u>E</u> <u>O</u>	
Select	Cert: 2074 OR CN Additional Info: ORON THOMPSON App: S2314 Permit: S1151 Cert: 2074		5/20/1912 IRRIGATION	ALL AND A	1								-	10			-6-		
Select	Cert:2074 OR CN Additional Info: ORON THOMPSON App: S2314 Permit: S1151 Cert: 2074		5/20/1912 IRRIGATION	CN	2					20									
Select	Cert:2074 OR CN Additional Info: ORON THOMPSON App: S2314 Permit: S1151 Cert: 2074		5/20/1912 IRRIGATION	CN	У 3							2	0						
Select	Cert: 44942 RR * Additional Info: NEVIN THOMPSON App: S2314 Permit: S1151 Cert: 44942		5/20/1912 IRRIGATION primary u lands -NO	l prop Con	poped to 's Plick	spoleone	ntal			1/20									
<u>Select</u>	Cert:44942 RR * Additional Info: NEVIN THOMPSON App: S2314 Permit: S1151 Cert: 44942		5/20/1912 IRRIGATION Supplemental 9/10/1974 IRRIGATION	W p love -	posted"	ict -	"G "/a	ndr	+ +	+	11	34	20	10			6		
Select	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974 IRRIGATION	l	/ .				NO	S. Fil	Ele -	78 2 c A K		1.3					
Select	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974 IRRIGATION		4 Ibject fil	L							0.	5					
Select	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974 SUPPLEME IRRIGATIOI (Suppl'mti)	J.	file									8.7		0			
Select	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974 SUPPLEME IRRIGATIOI (Suppl'mti)		sibjed flu	et				20						D BY OWR		232016	
Select	Cert:46775 OR * Additional Info: NEVIN L THOMPSON App: G6148 Permit: G5240 Cert: 46775	T12378	9/10/1974 SUPPLEME IRRIGATIO (Suppl'mtl)		subject fil	2							9.5			RECEIVE		AUG	CALENA

Page 1 012

Water	Right	Platcard	Report
-------	-------	----------	--------

15%.

Oregon Water Resources Department Water Rights Platcard Report	Main Return	Help Contact Us
		 -

	h Criteria				1154	art 4	67	75	-														
Meridia	n: Willamette 🗸	Township	26	South V R		East V	- 1			Re	cord	ls per	r Pag	e: 1	° t	J.	Sea	rch		Lea			Maps! View M
100	Water Right	Changing Xfers	Priority	<u>Use</u>	Use Status DLC	<u>Gov't</u> QQ(40 Lot Q(160	: <u>NE</u>	NW NE	<u>SW</u> <u>NE</u>					<u>SE</u> NW	NE SW		Conception in the local division of the loca	<u>SE</u> SW	SE	and the second second	<u>SW</u> SE	SE SE	Unkowi QQ
Select	Cert:55569 OR * Additional Info: NEVIN THOMPSON App: G6056 Permit: G5183 Cert: 55569	T12378	4/4/1978	IRRIGATION	لىر	prent file													39	39		39.5	
Select	Cert:55570 OR * Additional Info: NEVIN THOMPSON App: G8801 Permit: G8242 Cert: 55570	T12378	5/8/1978	IRRIGATION	sub	pect file															40		
Select	Cert:55571 OR * Additional Info: NEVIN THOMPSON App: G8973 Permit: G8372 Cert: 55571	T12378	10/18/1978	B IRRIGATION	5 ubs	rect file			22	23	5			31.8									

for cut 46775, No conflicts for cut 55569, No conflicts for cut 55570, No conflicts for cut 55570, No conflicts for cut 55571, No Conflicts for cut 85182, No Conflicts

RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OR

ater Right Pla	tcard Rep	ort																	Pag	ge 1 d
Oregon Water R	Water Resc ights Platca	ources De ard Repor	partment t								No.			ii G		iin turn		он С		ict Us
Search Criteria		N SAN		1. Santa					1 and	134	1		N	The second		A	1111			A C
Meridian: Willamette	e V Townsh	hip: 26	South V	Range: 34	East 🗸	Section	n: 20	∨ Re	cord	s per P	age:	10	J	Sea	arch		Lea			Maps! View M
<u>Water Rig</u>	ht <u>Changin</u> Xfers	<u>19</u> <u>Priority</u>	<u>Use</u>	Use Status DLC	Gov't QQ(40							<u>NE</u> V <u>SW</u>							<u>SE</u> SE	Unkowr QQ
Select Cert:55569 O Additional Info NEVIN THOM App: G6056 Permit: G5183 Cert: 55569	PSON	4/4/1978	IRRIGATIC	bjert fi	ile								0.7							
Select Cert:55571 O		10/18/197	8 IRRIGATIO	on subject -	Γt.					0.	6									

(12.25) Acreage is part of a transfer and has not been

proven up on yet (inchoate)

1' " To: for art. 55569, NO conflicts for cert 55571, No conflicts for cert 550 85182, No conflicts

3/10/1992

IRRIGATION

12.25 Acreage is on a

canceled right

subject file

App: G8973 Permit: G8372 Cert: 55571

Select Cert:85182 OR \*

Additional Info: NEVIN THOMPSON

App: G12817 Permit: G11679 Cert: 85182

Acreage Legend: 12.25 Regular

T12378

acreage

RECEIVED BY OWRD

28.4

[12.25] Acreage has been

suspended

0.6

0.6 31.6

\* Acreage is not

specified

AUG 2 3 2016

SALEM, OR

http://apps.wrd.state.or.us/apps/wr/wrinfo/wr\_platcard.aspx?ddl\_meridian=0&tb\_township=26&ddl\_towns... 6/15/2016

#### Water Right Platcard Report

Oregon Water Resources Department Water Rights Platcard Report							Main Return		Help Conta	ict Us
earch Criteria	and the second second			MR					1	
eridian: Willamette V Township: 26 South V Range: 34 East V	Section: 29	✓ Records period	er Page: [	10	Se	earch			atcards about *	Maps! View Ma
Water Right         Changing         Priority         Use         Use         DLC         Gov't         oq(40):           Water Right         Xfers         Priority         Use         Status         DLC         Gov't         oq(40):		SE NE NM NE NW NM	Concession of the		CONCERSION OF LAND	<u>sw</u> sw		NE NW SE SE		
elect Cert:35951 OR * T12357 6/1/1960 IRRIGATION Additional Info: CHAS.A. BECKLEY App: G1755 Permit: G1804 Cert: 35951		34.4 17	15.5 30	9 0.1						
elect Permit: G 16407 * 11/30/2007 IRRIGATION Additional Info: ZACHARY SWORD App: G16973 Permit: G16407				16.3	27.8	33.2	25.6			
Additional Info: NEVIN THOMPSON App: G12817 Permit: G11679 Cert: 85182 IRRIGATION Subject Fu	20.8									

"75 "

for cut 85182 NO COnflicts

RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OF

RECEIVED BY OWRD AUG 2 3 2016 SALEM, OR	- root.
B	application No 23/3 44942
	servoir Permit N. 185
	7. 26
activited at	
printed at approx scale of Final proof survey E Tmaps (1"= 1, 320')	40 Ac. AOAc. 40 Ac. 20A.
Final proof survey	s. Fx. of Longsanyon or.
$\sum (mqps)$ (1"= 1.320')	40 Ac. 40 Ac. 40 Ac.
SG's arrungton of	40 Ac. 40 Ac. 40 Ac.
10 primary A in cert. 44942	
Soit and the of	
primary 1.3.4 in cu	46775

#### STATE OF OREGON

COUNTY OF

HARNEY

### CERTIFICATE OF WATER RIGHT

#### This Is to Certify, That

NEVIN THOMPSON

, has made , State of Oregon, 97721 of Princeton proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of Long Canyon Creek and reservoir constructed under Ar ication No. R-2313, Permit R-185

No. R-185 a tributary of Malheur Lake the irrigation of 136 acres

Permit A-SM-1-76

for the purpose of

and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from under Permit No. 1151

May 20, 1912 that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 1.7 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the SW4 NE4, Section 17, SW4 SE4, Section 18, T. 26 S., R. 34 E., W. M.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-fortieth of one cubic foot per second per acre, or its equivalent for each acre irrigated from direct flow and shall be further limited to a diversion of not to exceed 3 acre feet per acre for each acre irrigated during the irrigation season of each year from direct flow and storage from reservoir constructed under Permit No. R-185.

and shall

conform to such reasonable rotation system as may be ordered by the proper state officer. A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

40.0 acres NEt SEt 40.0 acres SE& SE& Section 13 T. 26 S., R. 33 E., W. M. 20.0 acres Lot 2 (SW4 NW4;) 20.0 acres Lot 3 (NW4 SW4;) 10.0 acres SEA SWA 6.0 acres SWA SEA Section 18 T. 26 S., R. 34 E., W. M.

This certificate describes that portion of the water right confirmed by prior Dcertificate 2074, NOT canceled by the provisions of an order entered on October 22, 1974. The issuance of this superseding certificate does not confirm the status of the water right in reference to ORS 650.610.

AUG 2 3 2016 SALEM, OR

RECEIVED B

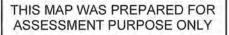
The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described. and is subject to the existing minimum flow policies established by the Water Policy Review Board. WITNESS the signature of the Water Resources Director, affixed

> November 28, 1977 this date.

> > James E. Sexson Water Resources Director

> > > 44942

Recorded in State Record of Water Right Certificates, Volume 37 , page



4,000

2,000

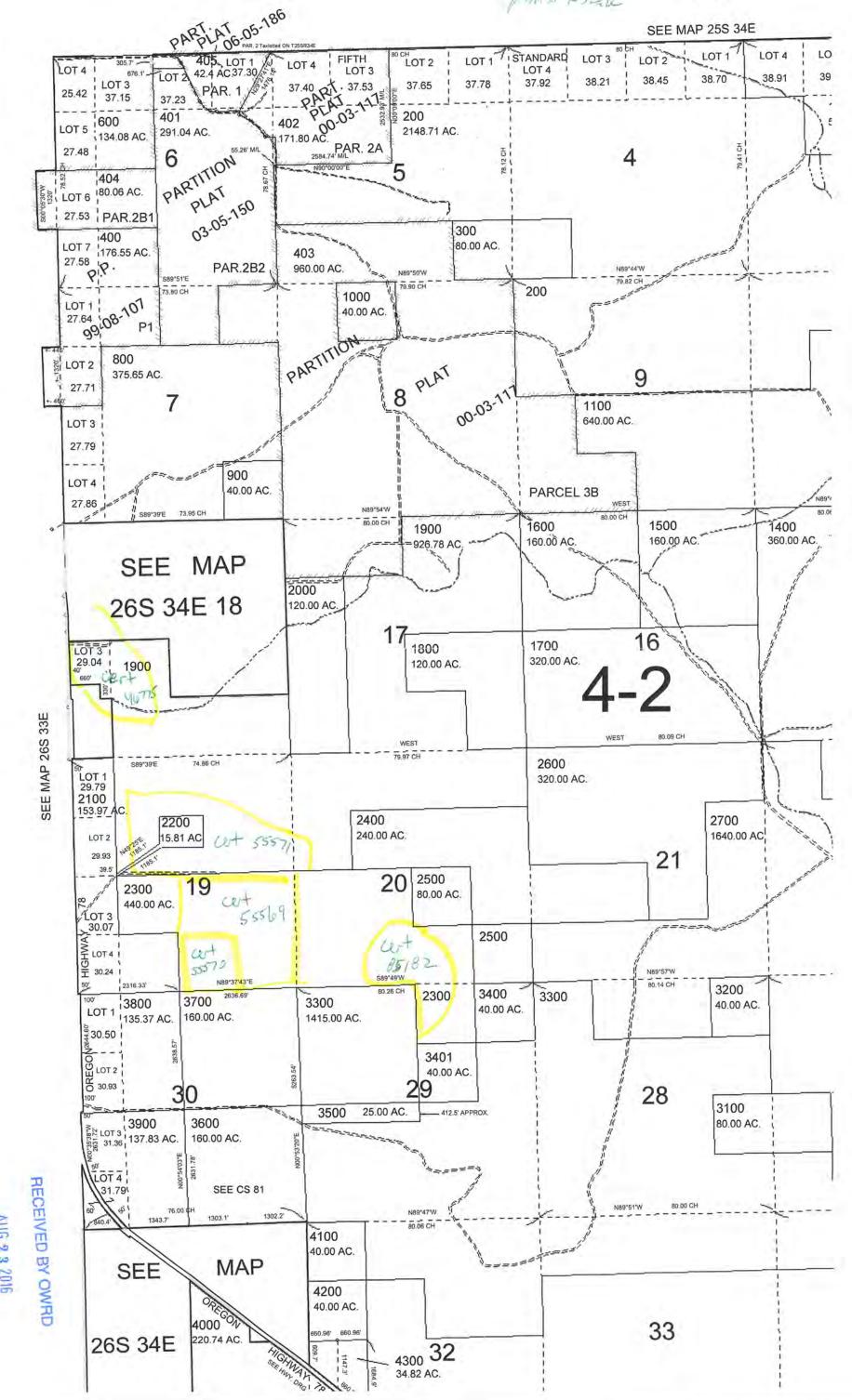
0

SCALE IN FEET

### T.26S. R.34E. W.M. HARNEY COUNTY

printel tosale

1" = 2000'



SALEM, OR

# AUG 2 3 2016

## **Application for Water Right** Transfer

#### **Evidence of Use Affidavit**

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

State of Oregon

) SS

County of HARNEY)

I, JOHN A. SHORT, in my capacity as WATER RIGHT SPECIALIST,

mailing address PO BOX 1830 BEND, OR 97709

telephone number (541)389-2837, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):

Personal observation Professional expertise

2. I attest that:

- $\boxtimes$ Water was used during the previous five years on the entire place of use for Certificate # 46775, 55569, 55570, 55571, 85182; OR
- 1/ My knowledge is specific to the use of water at the following locations within the last five years: Π

Certificate #	Township	Range	Mer	Sec	1/4 1/4	Gov't Lot or DLC	Acres (if applicable)
					1		
_							

OR

- $\square$ Confirming Certificate # \_\_\_\_ has been issued within the past five years; OR
- Π Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: \_\_\_\_ (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion not leased instream.); OR
- The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
- Water has been used at the actual current point of diversion or appropriation for more than 10 years for Certificate # (For Historic POD/POA Transfers) RECEIVED BY OWRD

(continues on reverse side)

MAY 0 9 2016

SALEM, OR FS

I 12378

Evidence of Use Affidavit - Page 1 of 2

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

AUG 2 3 2016

RECEIVED BY OWRD

- 3. The water right was used for: (e.g., crops, pasture, etc.): CROPS
- 4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

pature of Affiant

5-3-2016 Date

Signed and sworn to (or affirmed) before me this 3 day of May,  $20 IL_{a}$ .

OFFICIAL SEAL JILL R SHAFFER NOTARY PUBLIC-OREGON COMMISSION NO. 479767 MY COMMISSION EXPIRES JULY 21, 2017

Notary Public for Oregon My Commission Expires:

Examples Supporting Documents Copy of confirming water right certificate that shows issue date Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate) Copies of receipts from sales of irrigated crops Power usage records for pumps associated with irrigation or for expenditures related to use of water use Fertilizer or seed bills related to irrigated crops Farmers Co-op sales receipt Records such as FSA crop reports, irrigation District assessment records for water delivered . district records, NRCS farm management plan, or Crop reports submitted under a federal loan agreement records of other water suppliers Beneficial use reports from district **IRS Farm Usage Deduction Report** Agricultural Stabilization Plan . **CREP** Report Multiple photos can be submitted to resolve different areas of a

water right.

source should be added.

Sources for aerial photos:

OWRD – www.wrd.state.or.us Google Earth – earth.google.com TerraServer – www.terraserver.com

OSU -www.oregonexplorer.info/imagery

See also Oregon May

See also Oregon Myp prohouts made by Soul The maps superingosed

Approved Lease establishing beneficial use Copy of instream lease or lease number within the last 5 years

#### RECEIVED BY OWRD

If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and

RECEIVED BY OWI

AUG 2 3 2016

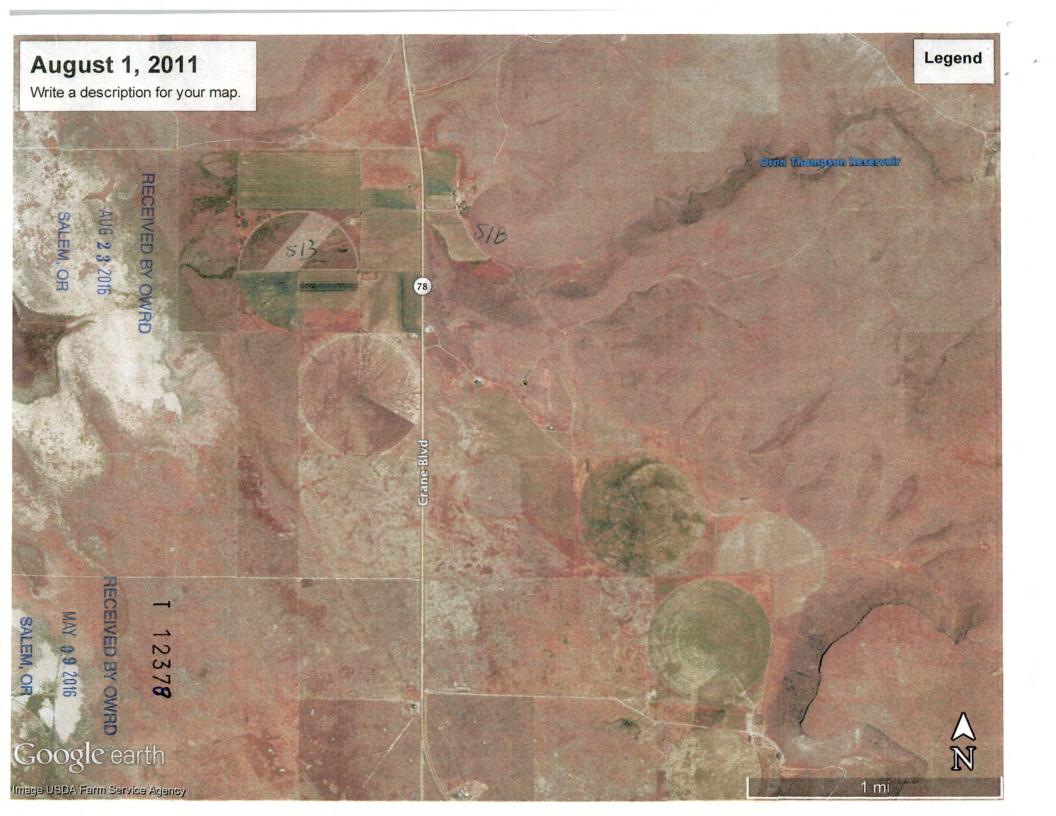
MAY 0 9 2016

SALEM, OR I 12378

Evidence of Use Affidavit - Page 2 of 2

SALEM, OR

FS





# The Oregon Map neighborhood of Section 13 & 18



Copyright 2011 ORMAP. All rights reserved. Tue Jun 14 2016 04:31:20 PM.

Approx certif 46775"

**RECEIVED BY OWRD** 

AUG 2 3 2016

# The Oregon Map neighborhood of Section 19



Copyright 2011 ORMAP. All rights reserved. Tue Jun 14 2016 04:18:59 PM

Approx artif 55570 ">Ff" Approx artif 55571 ">Ff"

Approx certif 55569 ">Ff"

**RECEIVED BY OWRD** AUG 2 3 2016

# The Oregon Map neighborhood of Section 20

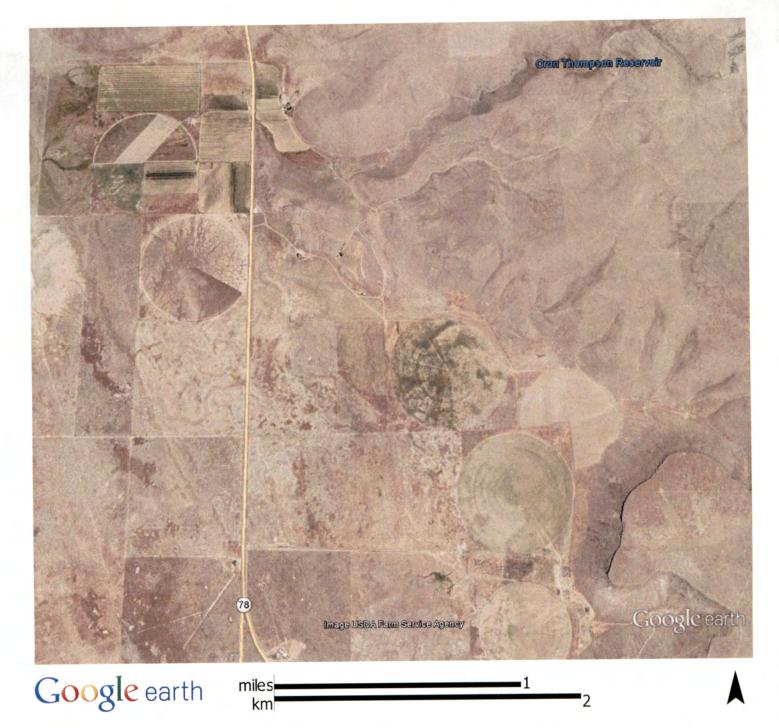


Copyright 2011 ORMAP. All rights reserved. Tue Jun 14 2016 04:16:31 PM.

Apprix certif BSIB2 "off"

RECEIVED BY OWRD

AUG 2 3 2016



11-16-2011

T-12378	Shirley Thomp	oson	Agent: John Short Caseworker: RA; Sprecher Group							
1 120/0	Application/Map Review Che		Determining "Fr	rom" & "To" Lar	nds: ¥					
Certificate # or Water Right Decree/ Priority Date		Land Use Form matches TL, is signed & is	Only Authorized POAs and POUs to be transferred are listed	Marked on certif acreage being transferred, cancelled, & remaining, by 1/4 1/4	Compare Water Right map to App Map for accuracy	Applic & certif tabulations match	marked on certif Q of water being transferred, cancelled & remaining MM	Check & notate on Pla Card for Conflicts (To From) $T_3/Froce$		
46775	Ves-onloff May ssies proved port den isrie; Glot 13500	inotion V	u	Entir	Final Proof My is Unclear IN SIE SW SIB	V	Entire	10		
55569	yes - prop. PoAdesmipt issue	pead	$\checkmark$	e night	r	~	nykt for	~~		
55570	Yes -propo. PoA descript ISSUE	rid Sin V	V	is inclu	V	V	in didid	10		
55571	PSA Not on "ot psA not on "ot psA mot on "ot in Tapp;	pringo-proposil	V	ded in	authonized POA is missing from off map	V	in tour	11		
85182	Not shown on of I is description it I proposed por	f"man-	V	tant	authorized Post is missing from	n /	ste	VL		
CEIVED BY	OWRD IN Tapo	uty								
<u>AUG-2-3-</u> 20	116									
SALEN, C	JR		L							

### Land Use Information Form



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

#### NOTE TO APPLICANTS

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

#### This form is NOT required if:

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

#### NOTE TO LOCAL GOVERNMENTS

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

F	RECEIVED BY OW	RD	RECEIVED BY OWRD	
	AUG 2 3 2016		MAY 0 9 2016	
Revised 2/8/2010	SALEM, OR	Land Use Information Form - Page 1 of 3	SALEM, OR	WR/FS

T 12378

DECEIVED DV OWDD

#### Land Use Information Form Themson on the ? Shirty Themson on the gaplication



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

RECEIVED BY

AUG 2 3 2016

SALEM, OR

OWRD

Applicant(s): MARTIN THOMPSON

Mailing Address: 53743 HWY 78

City: BURNS

State: OR

Zip Code: 97720-9482

Daytime Phone: \_\_\_\_\_

#### A. Land and Location

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

Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
<u>26 S</u>	<u>33E</u>	13	NE 4 モン 5254	<u>1900,2000</u> <u>2100,2200</u> <u>2300</u>	<u>EFRU-2</u>	Diverted		Used	FARMING
<u>"</u>	<u>34E</u>	1B S	SW Ly	<u>400, 700,</u> <u>1900,</u>	EFRU- 1	Diverted	Conveyed	⊠ Used	<u> </u>
<u>-</u>	<u>"</u>	19		2100,2200 2300	EFRU-1	Diverted	Conveyed	Used	<u> </u>

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

HARNEY COUNTY

**B. Description of Proposed Use** 

Type of application to be filed with the Water Resources Department:  Permit to Use or Store Water V & Water Right Transfer  Limited Water Use License Allocation of Conserved Water  Source of water: Reservoir/Pond K Ground Water Surface Water (name)	Iodification
Estimated quantity of water needed: 8.045/ 🛛 cubic feet per second 🗌 gallons per minute 📄 acre-feet Intended use of water: V Irrigation 📄 Commercial 📄 Industrial 📄 Domestic for household(s) Municipal 🗋 Quasi-Municipal 📄 Instream 📄 Other	MAY 092016 SALEM, OR
Briefly describe: TRANSFERRING WATER TO MORE PRODUCTIVE GROUND	
Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government	nt

representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

See bottom of Page 3.  $\rightarrow$ 

Revised 2/8/2010

Land Use Information Form - Page 2 of 3

WR/FS

T 1237**8** 

RECEIVED BY OWRD

AUG 2 3 2016

#### For Local Government Use Only

SALEM, OR

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

#### Please check the appropriate box below and provide the requested information

☑ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): HCZO 3.010 & 3.020/ EFRU-1 & EFRU-2

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

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

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

Name: Brandon McMullen

Title: Planning Director

Date: 5/2/2016

Signature: M.M.U

Phone: (541)573-6655

Government Entity: Harney County

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

#### **Receipt for Request for Land Use Information**

Applicant name:		
City or County:	Staff contact:	
Signature:	Phone:	Date: RECEIVED BY OWRD
Revised 2/8/2010	Land Use Information Form - Page 3 of 3	MAY 09 2016 WR/FS
		SALEM_OR 12378

May 3, 2016

West Well (L-118055)

This well was drilled in 2015 by White Water Well Drilling, Creswell, OR and does not yet show up in OWRD's well log listings.

RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OR

RECEIVED BY OWRD

MAY 0 9 2016

SALEM, OR

P.O. Box 1830 Bend, OR 97709 Water Right Services, LLC John A. Short CCB# 197121 541-389-2837

johnshort@usa.com www.oregonwater.us

12378

(1) OWNER:       (10)         Name       Nevin Thompson         Address       Princeton, Oregon         City       State         City       State         (2) TYPE OF WORK (check):       RECEIVED BY OV         Reconditioning       Abandon         If abandonment, describe material and procedure in Item 12.       AUG. 2. 2. 2016         (3) TYPE OF WELL:       (4) PROPOSED USE (check):         Rotay Air       Drigston       Test Well         (3) TYPE OF WELL:       (4) PROPOSED USE (check):         Rotay Air       Drigston       Test Well         (3) TYPE OF WELL:       (4) PROPOSED USE (check):         Rotay Air       Drigston       Test Well         (5) CASING INSTALLED:       Steel       Plastic         12. Diam. from       ft to       91. ft. Gauge       Clay          Diam. from       ft to       91. ft. Gauge       Clay          Diam. from       ft to       91. ft. Gauge       Clay         Size of perforator used       in. by       in       clay         Size of perforations       in. by       in       clay         Size of perforations       Size       Set from       ft. to       ft. daado	At well location: VATER LEVEL: Completed which water was first found 28 rel 28 ft. below pressure lbs. VELL LOG: Diameter of well belo illed 170 ft. Deptho on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	ell number R. 33 Su Well. Value Surface per square i w casing of completed tructure of n netrated, w n position of From 0 fine 2 16 2835 36	ce. Date inch. Date 12. d well 12 materials if Static W To 2 16 28 36 41 46 91	ft. 3 =10 - 70 ft. 1; and show 1; one entry
Name       Newin Thompson       County         Names       Princeton, Oregon       Interface         City       State       Tax Lo         City       State       Tax Lo         (2)       TYPE OF WORK (check):       RECEIVED BY OV       Address         If abandonment, describe material and procedure in Item 12.       AUG 2 3 2016       (11)         (3)       TYPE OF WELL:       (4)       PROPOSED USE (check):       Berd         (3)       TYPE OF WELL:       (4)       PROPOSED USE (check):       Berd       Attestin         (3)       Day I       Donsetic       Industrial       Amateged       Attestin         (4)       PROPOSED USE (check):       State       Integed       Integed       (12)         (5)       CASING INSTALLED:       Donsetic       Integed       <	Harney Driller's we % SE % Section 13 T. 26S. Lot Blk at well location: WATER LEVEL: Completed we which water was first found 28 rel 28 ft. below pressure lba. WELL LOG: Diameter of well below illed 170 ft. Deptho m: Describe color, texture, grain size and st s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown, med omerate (brown cinder/red r, red med t, black red r, red, med	R. 33 Su well. / land surface per square i w casing of completed tructure of 1 netrated, win n position of From 0 fine_2 16 28356 36 clay4/ 46 91	ce. Date inch. Date 12. d well 12 materials if Static W To 2 16 28 36 41 46 91	ft. 3 =10 - 3 =10 - 3 =10 - 3 =10 - 5 = - 28 =
Address       Princeton, Oregon       NR         City       State       Tax Lo         City       RECEIVED BY OV       Address         (2) TYPE OF WORK (check):       RECEIVED BY OV       Address         State       Abandon []       (11)         (3) TYPE OF WELL:       (4) PROPOSED USE (check):       Bethin Statical       Municipal       City         (3) TYPE OF WELL:       (4) PROPOSED USE (check):       States       City       States       City         (3) TYPE OF WELL:       Domestic       Industrial       Municipal       City       City         (3) TYPE OF WELL:       Domestic       Industrial       Municipal       City       City         (3) TYPE OF WELL:       Domestic       Industrial       Municipal       City       City         (5) CASING INSTALLED:       Steel       Plastic       Depth       Forma         12 Diam. from       ft to       ft. Gauge       City       City         (5) CASING INSTALLED:       Steel       Steel       Ne       City         [7] Diam. from       ft to       ft. Gauge       City       City         [6] PERFORATIONS:       Perforations from       ft. to       ft. co       ft.         [7]	14 SE       14 Section       13 T. 26S         Iot       Blk         at well location:       Blk         VATER LEVEL: Completed v       which water was first found       28         vel       28       ft. below         pressure       Iba.       Iba.         VELL LOG:       Diameter of well belo       illed         112       Diameter of well belo       in: Describe color, texture, grain size and st         s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata.       MATERIAL         10am       brown / gravel, brown,       brown,         brown / gravel, brown,       med.         brown, med       omerate (brown cinder/red         r, red med       t, black       red         r, red, med       red       red	R. 33 Su well. / land surface per square i w casing of completed tructure of 1 netrated, win n position of From 0 fine_2 16 28356 36 clay4/ 46 91	ce. Date inch. Date 12. d well 12 materials if Static W To 2 16 28 36 41 46 91	ft. 3 =10 - 3 =10 - 3 =10 - 3 =10 - 5 = - 28 =
State       The Lo         2) TYPE OF WORK (check):       RECEIVED BY OV         Address       Address         Yew Well Deepening Beconditioning Abandon (1)       (11)         Attack       Address         Address       Address         Yew Well Deepening Beconditioning Abandon (1)       (11)         Bord Driven Burls:       (4) PROPOSED USE (check):         State Berge       Domestic Break         Mud Dag Berge       Domestic Break         Threade Berge       Plastic Break         Threade Berge       State Berge         (6) PERFORATIONS:       Perforators from ft. to         perforations from ft. to       ft. co         (7) SCREEENS:       Well screen install	Lot Blk at well location: VATER LEVEL: Completed v which water was first found 28 rel 28 ft. below pressure lbs. VELL LOG: Diameter of well below illed 170 ft. Deptho- on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate (brown cinder/red r, red med t, black red r, red, med	Su Su well. / land surfac per square i w casing of completed tructure of r netrated, wi n position of From 0 fine 2 16 28356 36 - 1ay44 46 91	ce. Date inch. Date 12. d well 12 materials if Static W To 2 16 28 36 41 46 91	ft. 3 =10 - 3 =10 - 3 =10 - 3 =10 - 5 = - 28 =
2) TYPE OF WORK (check):       RECEIVED BY OV       Redress         Sew Well S       Deepening B       Reconditioning Abandon B       (11)         f abandonment, describe material and procedure in Item 12. AUG 2 3 2016       (11)         3) TYPE OF WELL:       (4) PROPOSED USE (check):       Staticl         Must Dag       Domestic       Industrial       Augicipal         Must Dag       Dag       Driven       Domestic       Industrial         Must Dag       Dag       Thermal       Withdrawal       Reinjection         Static       Dag       Threaded       Weided       Weided         12 Diam. from       O. ft. to       91. ft. Gauge       250.00         Chage       Static       Readon       Clay         Cippe of perforator used       in. by       in       clay         Cype of perforator used       in. by       in	at well location: VATER LEVEL: Completed v which water was first found 28 rel 28 ft. below pressure lbs. VELL LOG: Diameter of well below illed 170 ft. Deptho- on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	well. r land surface per square i w casing of completed tructure of in netrated, win n position of From 0 fine_2 16 28356 36 clay44 46 91	ce. Date inch. Date 1.2 d well 12 materials ith at leas of Static W To 2 16 28 36 41 46 91	ft. 3 =10 - 70 ft. and show at one entry Vater Level SWL      
2) TYPE OF WORK (check):       Interval and procedure in function and a function of the standard of t	VATER LEVEL: Completed v which water was first found 28 rel 28 ft. below pressure lba. VELL LOG: Diameter of well belo illed 170 ft. Deptho on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	v land surface per square i w casing of completed tructure of in netrated, wi n position of From 0 fine 2 16 28356 36 46 91	Inch. Date 1.2 d well 11 materials ith at leas f Static W To 2 16 28 36 41 46 91	3 -10 - 70 ft. ; and show it one entry Vater Level SWL   28
3) TYPE OF WELL:       (4) PROPOSED USE (check):       Depth         Static       Domestic       Industrial       Multical       Artesia         Multiple       Dage       Industrial       Multiple       Or         Multiple       Dage       Industrial       Multiple       Or       Artesia         Static       Dage       Industrial       Multiple       Or       Or       Or         Static       Dage       Industrial       Welded       Industrial       Or       Or<	which water was first found 28 rel 28 ft. below pressure lbs. VELL LOG: Diameter of well below illed 170 ft. Deptho- on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per- change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	v land surface per square i w casing of completed tructure of in netrated, wi n position of From 0 fine 2 16 28356 36 46 91	Inch. Date 1.2 d well 11 materials ith at leas f Static W To 2 16 28 36 41 46 91	3 -10 - 70 ft. ; and show it one entry Vater Level SWL   28
(3) TYPE OF WELL:       (4) PROPOSED USE (check):       Depth         (5) CASING INSTALLED:       Domestic       Industrial       Muithawal       Reinjection       (12)         (5) CASING INSTALLED:       Steel       Plastic       Depth       (12)         (5) CASING INSTALLED:       Steel       Plastic       Depth       Formal       Cauge       250         (6) PERFORATIONS:       Perforator?       Yes       No       Kanda       Cauge       Cauge         (7) SCREENS:       Well screen installed?       Yes       No       Kanda       Kanda       Kanda         (8) WELL TESTS:       Drawdown is amount water level is lowered below static level       Model No.       Dasse       Cauge       Cauge         (7) SCREENS:       Well screen installed?       Yes       No       Kauge       Cauge       Cauge         Manufacturer's Name       Drawdown is amount water level is lowered below static level       Dasse       Cauge       Cauge       Cauge         Yield       775       gal/min. with drill stem at       ft. drawdown after       hrs.       Sanda         (7) SCREENS:       Sale Size       No If yes, by whon?       driller       Laye       Cauge       Cauge         (8) WELL TESTS:       Drawdown is amount wat	which water was first found 28 rel 28 ft. below pressure lbs. VELL LOG: Diameter of well below illed 170 ft. Deptho- on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per- change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	v land surface per square i w casing of completed tructure of in netrated, wi n position of From 0 fine 2 16 28356 36 46 91	Inch. Date 1.2 d well 11 materials ith at leas f Static W To 2 16 28 36 41 46 91	3 -10 - 70 ft. ; and show it one entry Vater Level SWL   28
3) TYPE OF WELL:       (4) PROPOSED USE (check):       Static         Lotary Air       Driven       Descetic       Industrial       Municipal       Artesia         Maint of Dug       Driven       Descetic       Industrial       Municipal       Artesia         Maint of Dug       Driven       Descetic       Descetic       Municipal       Artesia         Maint of Dug       Driven       Thermal:       Withdrawal       Reinfection       (12)         So       CASING INSTALLED:       Steel       No       Plastic       Depth         12 Diam. from       ft. to       ft. Gauge       .250       for eac         "Diam. from       ft. to       ft. Gauge       .250       for eac         "Diam. from       ft. to       ft. Gauge       .250       clay         Clay       Clay       clay       clay       clay         Size of perforator used       Perforations from       ft. to       .14         C7) SCREENS:       Well screen installed?       Yea fg No       Saad         Manufacturer's Name       Drawdown is amount water level is lowered       bases         Diam.       Slot Size       Set from       ft. to       .14         Manufacturer's Name	rel 28 ft. below pressure lbs. VELL LOG: Diameter of well belo illed 170 ft. Deptho- on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per- change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	per square i w casing of completed tructure of in netrated, win n position of From 0 fine 2 16 28356 36 elay4 46 91	Inch. Date 1.2 d well 12 materials ith at leas f Static W To 2 16 28 36 41 46 91	3 -10 - 70 ft. ; and show it one entry Vater Level SWL   28
botary Air       Driven       Domestic       Industrial       Municipal       Artesia         Mud       Dug       Dug       Thermal:       Withdrawal       Respection       (12)         So       Bored       Thermal:       Withdrawal       Respection       (12)         So       CASING INSTALLED:       Steel       Fissic       Forma         12. * Diam. from       0       ft to       ft. Gauge       e250       for eac         .* Diam. from       ft to       ft. Gauge       e300       clay         .* Diam. from       ft to       ft. Gauge       clay         .* Diam. from       ft to       ft. Gauge       clay         .* Diam. from       ft to       ft. dauge       clay         .* Diam. from       ft to       ft. dauge       clay         .* Diam. from       in. by       in       sand         .* Size of perforations       in. by       in       sand         .* Size of perforations from       ft. to       ft.         .* Of SCREENS:       Well screen installed?       Yes fg No         .* Slot Size       Set from       ft. to       ft.         .* Diam.       Slot Size       Set from       ft. to	pressure lbs. VELL LOG: Diameter of well belo illed 170 ft. Deptho- on: Describe color, texture, grain size and st s and nature of each stratum and aquifer per- change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	per square i w casing of completed tructure of in netrated, win n position of From 0 fine 2 16 28356 36 elay4 46 91	Inch. Date 1.2 d well 12 materials ith at leas f Static W To 2 16 28 36 41 46 91	70 ft. ;; and show it one entry Vater Level SWL   28
X       Bored       Thermal:       Withdrawal       Reinjection       (12)         5) CASING INSTALLED:       Steel       Yelastic       Depth         Threaded       Welded       Threaded       Welded       Depth         12. Diam. from       0       ft. to       91. ft. Gauge       .250       for eac         "Diam. from       ft. to       ft. Gauge       .250       for eac         "Diam. from       ft. to       ft. Gauge       .250       clay         "Diam. from       ft. to       ft. Gauge       .250       clay         "Diam. from       ft. to       ft. Gauge       .200       clay         "Diam. from       ft. to       ft. Gauge       .210       clay         "Diam. from       ft. to       ft. Gauge       .210       clay         Size of perforator used       in. by       in       .210       clay         Size of perforations       in. by       in       .210       .220         Prope of perforator used	illed 170 ft. Deptho in: Describe color, texture, grain size and si s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown, gravel, brown, brown, med omerate (brown cinder/red r, red med t, black red r, red, med	of completed tructure of a netrated, win position of From 0 fine 2 16 28356 36 clay4 46 91	a well         12           materials         ith at lease           ith at lease         f           f         Static W           To         2           16         28           36         41           46         91	s and show to one entry Vater Level SWL    28
5) CASING INSTALLED:       Steel       E       Plastic       □         Threaded       Welded       □       thickm         12. * Diam. from       0       ft to       91       ft Gauge       250         * Diam. from       0       ft to       91       ft Gauge       250       and in         * Diam. from       ft to       ft Gauge       and in       and in         * Diam. from       ft to       ft Gauge       aand         (6) PERFORATIONS:       Perforated?       Yes Z No       Clay         Size of perforator used       in. by       in       clay         Size of perforations       in. by       in       clay         Size of perforations from       ft to       ft cong       cind         Diam.       Slot Size       Set from       ft to       base         (7) SCREENS:       Well screen installed?       Yes fe No       ft can       ft         Diam.       Slot Size       Set from       ft to       ft <t< td=""><td>illed 170 ft. Deptho in: Describe color, texture, grain size and si s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown, gravel, brown, brown, med omerate (brown cinder/red r, red med t, black red r, red, med</td><td>of completed tructure of a netrated, win position of From 0 fine 2 16 28356 36 clay4 46 91</td><td>a well         12           materials         ith at lease           ith at lease         f           f         Static W           To         2           16         28           36         41           46         91</td><td>s and show to one entry Vater Level SWL   28</td></t<>	illed 170 ft. Deptho in: Describe color, texture, grain size and si s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown, gravel, brown, brown, med omerate (brown cinder/red r, red med t, black red r, red, med	of completed tructure of a netrated, win position of From 0 fine 2 16 28356 36 clay4 46 91	a well         12           materials         ith at lease           ith at lease         f           f         Static W           To         2           16         28           36         41           46         91	s and show to one entry Vater Level SWL   28
5) CASING INSTALLED:       Steel       Steel       Plastic       Forma         12. "Diam. from       0. ft to       ft. Gauge       .250       for eac         "Diam. from       0. ft to       ft. Gauge       .250       and in         "Diam. from       ft. to       ft. Gauge       .250       and in         "Diam. from       ft to       ft. Gauge	m: Describe color, texture, grain size and si s and nature of each stratum and aquifer per change of formation. Report each change in cate principal water-bearing strata. MATERIAL loam brown / gravel, brown, brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	From 0 fine 2 16 2835 36 clay4 46 91	materials ith at leas f Static W 2 16 28 36 41 46 91	s and show to one entry Vater Level SWL   28
"Diam. from       ft. to       ft. Gauge       sand         (6) PERFORATIONS:       Perforated? □ Yes I No       Clay         Type of perforations       in. by       in.         Size of perforations       in. by       in.         perforations from       ft. to       ft. to         (7) SCREENS:       Well screen installed? □ Yes I No       Stand         (7) SCREENS:       Well screen installed? □ Yes I No       Clay         Manufacturer's Name       ft. to       ft. to         Type       Model No.       bassa         Diam.       Slot Size       Set from       ft. to         Diam.       Slot Size       Set from       ft. to       to         (8) WELL TESTS:       Drawdown is amount water level is lowered below static level       bassa       cind         1 a pump test made?       Yes □ No If yes, by whom?       driller       la væ         Yield:       775       gal/min. with drill stem at       ft. hrs.       sand         Sain flow       g.p.m.       g.p.m.       ft. drawdown after       hrs.       sand         Yield:       70       Depth artesian flow encountered       ft.       Work         Sain flow       g.p.m.       ft. drawdown after       hrs. </td <td>loam brown / gravel, brown, brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med</td> <td>0 fine 2 16 28356 36 clay4 46 91</td> <td>2 16 28 36 41 44 91</td> <td></td>	loam brown / gravel, brown, brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	0 fine 2 16 28356 36 clay4 46 91	2 16 28 36 41 44 91	
(6) PERFORATIONS:       Perforated? □ Yes ∑ No       Clay         Cype of perforations       in. by       in.         Size of perforations       in. by       in.         perforations from       ft. to       ft.         perforations from       ft. to       ft.         perforations from       ft. to       ft.         (7) SCREENS:       Well screen installed? □ Yea 反 No       Clay         (7) SCREENS:       Well screen installed? □ Yea 反 No       Clay         (7) SCREENS:       Well screen installed? □ Yea 反 No       Clay         (7) SCREENS:       Well screen installed? □ Yea 反 No       bassa         (7) SCREENS:       Well screen installed? □ Yea 反 No       bassa         (7) SCREENS:       Well screen installed? □ Yea 反 No       bassa         (7) SCREENS:       Well screen installed? □ Yea 反 No       bassa         (8) WELL TESTS:       Drawdown is amount water level is lowered below static level       bassa         (8) WELL TESTS:       Drawdown is amount water level is lowered below static level       bassa         (9) Properture of water       70       Depth artesian flow encountered       ft.         (9) CONSTRUCTION:       Special standards: Yes □ No ∑       Drill         Well seal_Material used       C.C.C.C.C.C.	brown / gravel, brown, brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	fine 2 16 28356 36 clay4 46 91	16 28 36 41 46 91	
6) PERFORATIONS:       Perforated? □ Yes ∑ No       clay         Cype of perforations       in. by       in.         Size of perforations       in. by       in.         perforations from       ft. to       ft.         operforations from       ft. to       ft.         perforations from       ft. to       ft.         clay       clay       clay         sand       perforations from       ft. to         perforations from       ft. to       ft.         clay       perforations from       ft. to         (7) SCREENS:       Well screen installed? □ Yea ⊉ No       basa         Olam.       Slot Size       Set from       ft. to         Diam.       Slot Size       Set from       ft. to       ft.         Olam.       Slot Size       Set from       ft. to       ft.         (8) WELL TESTS:       Drawdown is amount water level is lowered below static level       basa       cind         1 pump test made?       Yes □ No If yes, by whom? driller       lave       sand         ''       gal/min, with drill stem at       ft.       hrs.       sand         ''       gal/min, with drill stem at       ft.       hrs.       sand         '	brown / gravel, brown, brown / gravel, brown, brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	16 2836 36 clay4 46 91	28 36 41 46 91	
Cype of perforator used       in. by       in.         Clay       in. by       in.         Size of perforations       in. by       in.         perforations from       ft. to       ft.         clay       sand       clay         perforations from       ft. to       ft.         cong       perforations from       ft. to         perforations from       ft. to       ft.         cong       cind       base         clay       perforations from       ft. to         perforations from       ft. to       ft.         clay       cind       base	brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	16 2836 36 clay4 46 91	36 41 46 91	28
Size of perforations       in. by       in.       clay         perforations from       ft. to       ft.       cong         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (7) SCREENS:       Well screen installed?       Yea fd No       basa         (8) WELL TESTS:       Derwdown is amount water level is lowered basa       cind         (8) WELL TESTS:       Delow static level       cind       laves         (8) Well screen made?       Yes       No If yes, by whom? driller       laves         Yield:       775       gal/min. with drill stem at       ft.       hrs.         Bailer test       gal/min. with ft. drawdown after       hrs	brown/sand, brown, med. brown, med omerate(brown cinder/red r, red med t, black red r, red, med	36 clay4 46 91	41 46 91	28
perforations from ft. to ft. cong perforations from ft. to ft. cong cind (7) SCREENS: Well screen installed? □ Yea ♀ No Manufacturer's Name Diam. Slot Size Mell screen installed? □ Yea ♀ No Diam. Slot Size Mell screen installed? □ Yea ♀ No Diam. Slot Size Mell screen installed? □ Yea ♀ No Diam. Slot Size Mell screen installed? □ Yea ♀ No Diam. Slot Size Mell screen installed? □ Yea ♀ No Diam. Slot Size Mell screen installed? □ Yea ♀ No Diam. Slot Size Mell screen installed? □ Yea ♀ No Diam. Slot Size Mell screen ft. to ft. cong Diam. Slot Size Mell screen ft. to ft. to ft. cong Diam. Slot Size Mell screen ft. to ft. to ft. cong Diam. Slot Size Mell screen ft. to ft. to ft. cong Mell screen ft.	brown, med omerate(brown cinder/red r, red med t, black red r, red, med	clay4 46 91	91	
perforations from       ft. to       ft. co	r, red med t, black red r, red, med	46 91	91	
	t, black red r, red, med	91		
(7) SCREENS:       Well screen installed?       Yea € No       basa         (7) SCREENS:       Well screen installed?       Yea € No       clay         Manufacturer's Name       Model No.       basa       clay         Diam.       Slot Size       Set from       ft. to       tasa         Diam.       Slot Size       Set from       ft. to       tasa         Diam.       Slot Size       Set from       ft. to       ft.         Oiam.       Slot Size       Set from       ft. to       ft.         Oiam.       Slot Size       Set from       ft. to       ft.         (8) WELL TESTS:       Drawdown is amount water level is lowered below static level       base       cind       lave         Yield:       775       gal/min. with 22       ft. drawdown after       hrs.       sand         Air test       gal/min. with drill stem at       ft.       hrs.       sand         Sain flow       g.p.m.       g.p.m.       sand       g.g.p. <td>red r, red, med</td> <td></td> <td></td> <td>31</td>	red r, red, med			31
Manufacturer's Name       Clay         Dype       Model No.         Diam.       Slot Size         Diam.       Slot Size         Slot Size       Set from         ft. to       ft.         Diam.       Slot Size         Slot Size       Set from         Manufacturer's Name       Slot Size         Diam.       Slot Size         Slot Size       Set from         Slot Size       Set from         Image: Slot Size       Set from         Slot Size       Drawdown is amount water level is lowered bease         below static level       base         Image: Slot Size       Drawdown is amount water level is lowered         base       Cind         Image: Slot Size       Drawdown is amount water level is lowered         below static level       Sase         Sid Size       Glamin with 22 ft. drawdown after         "       Image: Slot Size         Air test       gal/min. with 4t drawdown after         Bailer test       gal/min. with ft. drawdown after         sian flow       g.p.m.         Temperature of water       70         Depth artesian flow encountered       ft.         Well seal-Material used	r, red, med	Oh	94	31
Type       Model No.       Class         Diam.       Slot Size       Set from       ft. to       ft.         Diam.       Slot Size       Set from       ft. to       ft.       class         Diam.       Slot Size       Set from       ft. to       ft.       class         Diam.       Slot Size       Set from       ft. to       ft.       class         Diam.       Slot Size       Set from       ft. to       ft.       class         (8) WELL TESTS:       Drawdown is amount water level is lowered below static level       bassa       cind       bassa         In pump test made?       Yes       No       If yes, by whom?       driller       laye         Yield:       775       gal/min. with 22       ft. drawdown after       hrs.       sand         Air test       gal/min. with drill stem at       ft.       hrs.       sand         Sain flow       g.p.m.			99	31
Diam. Slot Size Set from ft. to ft. clay Diam. Slot Size Set from ft. to ft. clay Clay Clay Clay Clay Clay Clay Clay Clay Cind bass below static level a pump test made? 2 Yes □ No If yes, by whom? driller a pump test made? 2 Yes □ No If yes, by whom? driller a pump test made? 2 Yes □ No If yes, by whom? driller a pump test made? 2 Yes □ No If yes, by whom? driller a pump test made? 2 Yes □ No If yes, by whom? driller a pump test made? 2 Yes □ No If yes, by whom? driller a pump test made? 2 Yes □ No If yes, by whom? driller a pump test made? 2 Yes □ No If yes, by whom? driller a yes a pump test made? 2 Yes □ No If yes, by whom? driller a yes a pump test made? 2 Yes □ No If yes, by whom? driller a yes a pump test made? 2 Yes □ No If yes, by whom? driller a yes a pump test made? 2 Yes □ No If yes, by whom? driller a yes a pump test made? 2 Yes □ No If yes, by whom? driller a yes a pump test made? 2 Yes □ No If yes, by whom? driller a yes a pump test made? 2 Yes □ No If yes, by whom? driller a yes a yes a yes a yes a yes □ No If yes, by whom? driller a yes a yes a yes a yes b yes a yes a yes a yes b yes a yes a yes a yes b yes a yes a yes b yes a yes a yes b yes a yes b yes a yes b yes a yes b ye	the mod	99	108	31
Diam. Slot Size Set from ft. to ft. cind (8) WELL TESTS: Drawdown is amount water level is lowered below static level a pump test made? Yes INO If yes, by whom? driller available ft. ft. hrs. Bailer test gal/min. with 22 ft. drawdown after hrs. Bailer test gal/min. with ft. drawdown after hrs. Sand Sin flow g.p.m. Temperature of water 70 Depth artesian flow encountered ft. Work (9) CONSTRUCTION: Special standards: Yes No E Well seal-Material used C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.C.		108	116	31
(8) WELL TESTS: Drawdown is amount water level is lowered below static level bases in pump test made?  Yes □ No If yes, by whom? driller a pump test made? Yes □ No If yes, by whom? driller aver gal/min. with 22 ft. drawdown after 3 hrs. aver gal/min. with drill stem at ft. hrs. Bailer test gal/min. with drill stem at ft. hrs. Bailer test gal/min. with ft. drawdown after hrs. Sand Sian flow g.p.m. Temperature of water 70 Depth artesian flow encounteredft. Work (9) CONSTRUCTION: Special standards: Yes □ No II Well seal-Material used		116	117	31
(8) WELL TESTS:       below static level       Data         1 pump test made?       2 Yes       No       If yes, by whom?       driller         1 pump test made?       2 Yes       No       If yes, by whom?       driller       lave         Yield:       775       gal/min. with 22       ft. drawdown after       hrs.       sand         Air test       gal/min. with drill stem at       ft.       hrs.       sand         Bailer test       gal/min. with       ft. drawdown after       hrs.         main flow       g.p.m.       g.p.m.       g.p.m.         Temperature of water       70       Depth artesian flow encountered	r, brown, med	117	124	31
1 pump test made?       Yes       No       If yes, by whom?       driller       lave         Yield:       775       gal/min. with 22       ft. drawdown after       3       hrs.       sand         Air test       gal/min. with drill stem at       ft.       hrs.       sand         Bailer test       gal/min. with drill stem at       ft.       hrs.       sand         Sian flow       g.p.m.       g.p.m.       g.p.m.       g.p.m.         Temperature of water       70       Depth artesian flow encounteredft.       Work         (9)       CONSTRUCTION:       Special standards:       Yes □       No K       Date         Well seal—Material used	t, brown r, brown/sand, brown, fi		152	31
Yield:       775       gal/min. with 22       ft. drawdown after       3       hrs.       sand         Air test       gal/min. with drill stem at       ft.       hrs.       sand         Air test       gal/min. with drill stem at       ft.       hrs.       sand         Bailer test       gal/min. with       ft. drawdown after       hrs.       sand         Sian flow       g.p.m.       g.p.m.       g.p.m.       g.p.m.         Temperature of water       70       Depth artesian flow encountered       ft.         (9)       CONSTRUCTION:       Special standards:       Yes □       No IC         Well seal—Material used       C.C.E.M.C.L.       Date       Drill	r, brown/sand, brown, 11 rock, red (soft)	152	157	31
"       "       "       Sand         Air test       gal./min. with drill stem at       ft.       hrs.         Bailer test       gal./min. with       ft. drawdown after       hrs.         Sian flow       g.p.m.		157	150	34
Air test       gal./min. with drill stem at       ft.       hrs.         Bailer test       gal./min. with       ft. drawdown after       hrs.         sian flow       g.p.m.       g.p.m.         Temperature of water       70       Depth artesian flow encounteredft.       Work         (9)       CONSTRUCTION:       Special standards:       Yes □       No T         Well seal—Material used	rock, red	159	169	34
Bailer test     gal/min. with     ft. drawdown after     hrs.       sian flow     g.p.m.	red, med	169	172	31
Temperature of water       70       Depth artesian flow encountered	in the second se	103	THE	1-1-
(9) CONSTRUCTION:       Special standards: Yes □ No I       Work         Well seal-Material used       Cement       Drill		1		
(9) CONSTRUCTION: Special standards: Yes □ No K Date Well seal-Material usedCement. Drill	arted Febr. 18 1980 Comp	leted An	ril 1	2 1980
Well seal-Material used	ell drilling machine moved off of well		1 12	1980
48	g Machine Operator's Certification	1		
	is well was constructed under my direct		ion. Mat	erials use
	formation reported above are true to m	v best know	wledge a	and belief.
Diameter of well bore below seal12 in. [Sign	d] John U. Otter (Drilling Machine Operator)	Dat	April	19 8
Number of sacks of cement used in well seal	g Machine Operator's License No.	1331	-	
How was cement grout placed?Irom. bottom.up.through	the second s			
F-F-	Well Contractor's Certification:	0.001		
<b>NO</b>	his well was drilled under my jurisdict at of my knowledge and belief.	ion and th	us repor	t is true to
Was pump installed?ft.	Oetter. Drilling & Irri (Person, firm or corporation)	gation	Co	
D'I was the to see the second like the D V CDV				
Type Water? Addr	sR. QBox876Crane,(	Jro97	732	
Method of sealing strata off [Sign	1) John V. Wetter			
Was wall gravel packed? I Yes & No Size of gravel: Cont				, 19.80
Gravel placed from	(Water Well Cont actor's License No	or11.43		

T 12378

OWNER: LESTEN Iress CRENES LOCATION OF WELL: Inty HARNES Owner's number 1/4 1/4 Section / 3 T. 2 Iring and distance from section or subdivision	R.E.9.0	4950	(11) WELL TI Mis a pump test ma Yield: 100 " Bailer test Artesian flow	ade? X Ye	s DNo If	elow static leve yes, by whom! ft. drawdown		hrs.
LOCATION OF WELL: Inty HARNEY Owner's numbrashing to the section of the section	R.E.9.0	49.5	Yield: 100 " Bailer test	<b>9.</b> /min. "				hrs
LOCATION OF WELL: Inty HARNEY Owner's number 14 1/4 Section / 3 T.	26 5.33	493	" Bailer test				-	
inty HA.R.NEC Owner's number 1/4 Section / 3 T.	26 5.33	49	Bailer test	" gal./min.				
inty HA.R.NEC Owner's number 1/4 Section / 3 T.	26 5.33	49.	Bailer test	gal./min.				
inty HA.R.NEC Owner's number 1/4 Section / 3 T.	26 5.33	49			nith	ft. drawdown	after	hrs.
14 14 Section / 3 T.	26 5.33	49		3-11-11-1	g.p.m.			
	n corner					al analysis ma	de? D.Ve	s No
			Temperature of wa	iter v	vas a chemica	il allalysis ina	4. 4	
			(12) WELL L	OG:	Diamet	ter of well	4	inches.
					t. Depth of	completed we	101	54 ft.
				be by color	, character, s	ize of material	and strue	cture, and
			Formation: Description: Description: Show thickness of a stratum penetrated	aquifers an	d the kind at	nd nature of t	he materiange of f	ormation.
F,	LEV		Stratant penteratea	MATER		1	FROM	TO
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	44.		- 11 / 12-	MATE				11
TYPE OF WORK (check):			-DIK	110			0	911
	litioning 🗆 Ab	andon 🗆	-CH2E	KE	1-0		11	34
abandonment, describe material and procedu		The second	Vava	ROC	K		34	43
			SIND	ERS	M127	ER.	43	45
PROPOSED USE (check):	(5) TYPE OF W		Rack	Lav	8	11.00	45	44
mestic 🔲 Industrial 🗌 Municipal 🗍	Rotary Driv Cable D Jett		CARS	ESI	N DERS	Water	44	let
gation 🕅 Test Well 🗌 Other	Cable [] Jett Dug [] Bor		REDC	424			67	74
			GELLO	7 Ros	c.k.		74	78
	eaded [] Welded		CELL	OC!	-24		74	83
14 " Diam. from _1.f. D. ft. to	ft. Gage	7	ROCK		- u		83	105
" Diam. fromft. to	ft. Gage		SENDA	=RS.	WAT	ER	105	108
" Diam. from	ft. Gage							
) PERFORATIONS: Per	forated? XYes	No RF	CEIVED BY	OWR	7			
pe of perforator used		n				RE	CEIVE	DBLO
ZE of perforations in. by	in.							
perforations from			ALIG 9 9 7	016			MAY	0 2016
perforations from				U.I.L.		134.25.4D	MAI	0 3 2010
perforations from					DEG	SIARE	(G)	
perforations from	ft. to	ft.	SALEM. C	DR	11	SUNG	II HAL	EM OR
perforations from	ft. to	ft.			NUC 1	12 1857	LIPAL	EIVI, OFI-
	1 . L.A.			(	STATE	ENGINE		
	installed 🗌 Yes	No			CALE	ENGINE	ER	
lufacturer's Name					SALEM	BRECO	N	
ype							-	
am Slot size Set from				10.		9	1111	1051
A Slot size Set from	ft. to	ft.	Work started 12	12.0	1926	Completed Z	.117	19.4.
CONSTRUCTION			(13) PUMP:		-	14-	-	
CONSTRUCTION:	and streams le			Tama I	DER	LES	S	
Vas well gravel packed? 🗆 Yes 🕅 No Siz			Manufacturer's I		IN		н.р.	25
Fravel placed from			Type:	100				
Vas a surface seal provided? [] Yes X No	10 what depth?		Well Driller's	Statement	te .			
Aaterial used in seal-	es V No		•			jurisdiction	and thi	s report is
Did any strata contain unusable water?			true to the bes					
Type of water? Depth of	a du ava		-		Me	P.LII	A.F.	
Method of sealing strata off			NAME JA	(Person,	irm, or corpor	ation)	Type or p	rint)
(10) WATER LEVELS:			P	RZI	VE	GREG		
Static level 43 ft. below lan	nd surface Date 2/	14/57	Address	1.2.07.1.	A	1-	······································	
	quare inch Date	in the second second	Driller's well	number	2	17 -		
al	and and a second second			1	1 an	1.11		
Log Accepted by: Annhan			[Signed]	for	NH	en	me	
[Signed] Date	9/11	1 19 5	7 License No.	10 .	(Well 1	9 /	14	.11

### I 12378

n pressure lbs. per	ell number 76 R. 34 division corner	, ite	<u>W.M.</u>
Harney Driller's we WATER LEVEL: Complete at which water was first found level 50 ft. below In pressure Ibs. per	division corner	, te	
WATER LEVEL: Complete at which water was first found level 50 ft. below in pressure lbs. per	division corner	te	
WATER LEVEL: Complete at which water was first found level <u>50</u> ft. below in pressure Ibs. per	division corner	ite	
wATER LEVEL: Complete at which water was first found level <u>50</u> ft. below in pressure Ibs. per	division corner	ite	
WATER LEVEL: Complete at which water was first found level <u>50</u> ft. below in pressure lbs. per	ed well. <b>70</b> land surface. Da	ite	ft.
at which water was first found level <u>50</u> ft. below in pressure Ibs. per	20 land surface. Da	ite	ft
at which water was first found level <u>50</u> ft. below in pressure Ibs. per	20 land surface. Da	ate	ft.
at which water was first found level <u>50</u> ft. below in pressure Ibs. per	20 land surface. Da	ite	<u>ft.</u>
evel <u>50</u> ft. below n pressure Ibs. per		ite	ft
evel <u>50</u> ft. below n pressure Ibs. per		te	
n pressure lbs. per			
in prosent	square men. Do	te	
WHIT TOC.		iii c	
drilled 112 ft. Depth of		11:	2 tt.
our thickness and nature of each	stratum and aqu	ner per	ietrated,
Laget one entry for each change of	formation. Repor	t each c	nange in
n of Static Water Level and indicat	e principal water	r-bearin	g strata.
MATERIAL	From	To	SWL
soil	0	3	
	3	50	
Jaby	50	80	70
		SD	70
			70
		110	70
		12	50
se Cinder lea	110	La	00
RECEIVED BY OWD	RECEIN	ED I	BY OWN
HEOCHED BI OWN			2016
AHG 2 3 2016	MA	1 0 9	2010
100 20 2010			
		ALTA	OP
SALEM. OR		ALEN	, un
2111 .37	1	110	1977
	1 1	17	7-7
well drilling machine moved off of	t well (2/17		19//
ing Machine Operator's Certifi	cation:		
This well was constructed und	ler my direct	super	rvision.
erials used and information re	ported above a	are tru	e to my
TO TAKA	her me la	117	10 77
(Drilling Machine Operato			
ling Machine Operator's Licens	e No.	7	
This well was drilled under my to the best of my knowledge	jurisdiction an and belief.	d this	report is
(Lacchara d	SON		
(Person, firm or corporation	1 cont	pe or pr	int)
ress Grane, Q	5090)	L	
1.1. 15 -	sin		
ned] m Wi /le	Vell Contractory		
//	11.	2	10 77
tractor's License No. et	Date		SP*45656-119
	tion: Describe color, texture, grain now thickness and nature of each i least one entry for each change of n of Static Water Level and indicat MATERIAL Soil IpwClay IClay Iclay Ve grave, Crass Sound of Ve grave, Crass Sound of Saler rock - red Saler	tion: Describe color, texture, grain size and structure of the stratum and aque teast one entry for each change of formation. Report no of Static Water Level and indicate principal water MATERIAL From Soil 2 MATERIAL From Soi	tion: Describe color, texture, grain size and structure of m tiow thickness and nature of each stratum and aquifer per tiess one entry for each change of formation. Report each ch n of Static Water Level and indicate principal water-bearin MATERIAL From To Soil 0 3 Now Clay 3 50 Clay devergence 50 80 Ve QUAVEL Create Sound put to 50 80 Ve QUAVEL Tred 100 1/2 No AUG 2 3 2016 MAY 0 9 AUG 2 3 201

File Original and The Difference of the Control of	LL REPORT	19/34-1961) E	5500	) 19KID
DUDICATE WITH MAR AND APR 17 1957 STATE OF STATE ENGINEER, HARAN APR 17 1957 STATE OF STATE FNGINEER		State Permit No.	37	7
(I) OWNER: A SIAL CHORE	(11) WELL TESTS:	Drawdown is amount lowered below static	level	Quelles.
Name F. Jones SALEM. OREGON	Was a pump test made?		0	- Topha
Address \$02(9) - Lorenzo ave,	Yield: // O gal./mi		own after	hrs.
Cas lio Valling , tall				
(2) LOCATION OF WELL:				
County Harrey Owner's number, if any-	Bailer test gal./min	the second s	wn after	hrs.
14 14 Section T. R. W.M.	Artesian flow	g.p.m. Date		
Bearing and distance from section or subdivision corner	Temperature of water	Was a chemical analysis	mader [] 10	S PANO
10'S and 60' VY From NECor. of NW SE	(12) WELL LOG:	Diameter of well .	14	inches.
of \$ 19. TWP 26 S.R. 34 FW/M	Depth drilled 130	ft. Depth of completed	well	ft.
B.80'5.50° 27'W From NF Cor. of NW SE	Formation: Describe by col	lor, character, size of mate	rial and stru	cture, and
of See 19 TWD 265, R. 34 E.W.M.	Formation: Describe by co show thickness of aquifers stratum penetrated, with a	t least one entry for each	change of f	formation.
······································	MAT	ERIAL	FROM	то
TYPE OF WORK (sheet):	TIRT		0	16
TYPE OF WORK (check):	LELLOW C	La.V.	14	31
Well X         Deepening I         Reconditioning I         Abandon I           indonment, describe material and procedure in Item 11.         11.         11.         11.	BUDUFI	WATER.	31	23
	WELLOW	CL24	23	EL.
(4) PROPOSED USE (check): (5) TYPE OF WELL:	Mr. AUEL	u	64	10/10
stic   Industrial   Municipal   Rotary   Driven   Cable X Jetted	ROCKL	212	64	99
Ion X Test Well Other Dug Bored	PELLIN CL	all	88	122
CACING INCOMMENTED	RIVER SON	1.0.	12.2	130
(6) CASING INSTALLED: Threaded D Welded A 				
				- (
" Diam. from				
(7) PERFORATIONS: Perforated? X Yes Z No	DEOENCED			
Type of perforator used	HELEIVED I	REC AND REC	EVED	Y OWRD
SIZE of perforations in. by in.				
	ALIG 2 2	2016	MAY 0.0	2016
		2010	101741 00	2010
perforations from ft. to ft.				
perforations from	SALEM	OR	SALEM	OR
perforations from				
" SCREENS: Well screen installed □ Yes XNo				
facturer's Name				
Model No.	The second second second		-	
Jiam		1 .57	11/19.	14
Diam Slot size Set from ft. to ft.	Work started 3/12	1927 Completed	1 les	1941
CONSTRUCTION:	(13) PUMP:			
well gravel packed?  Yes X No Size of gravel:	Manufacturer's Name		*****	-
vel placed from ft. to ft.	Туре:		H.P	
Was a surface seal provided?  Yes X No To what depth? ft.				
Material used in seal-	Well Driller's Statemer			
Did any strata contain unusable water? 🗌 Yes 🕱 No	true to the best of my	ed under my jurisdiction knowledge and belief.	on and this	report is
Type of water? Depth of strata	4400	1 anna 1	11100	
Method of sealing strata off	NAME POC	firm, or corporation)	(Type or pr	int)
(10) WATER LEVELS:	Address CR2	NE B	REQ	OKI
Static level 32. ft. below land surface Date 4/62/57		1. + 0.	0	
Artesian pressure lbs. per square inch Date	Driller's well number	dans no	-	
Log Accepted by:	[Signed]	h Mc Lu	w	
[Signed] L. Le. Janes, Date april 16, 19.5	A Longiteur	(Well Driller)	110 1	1
(Owner)	License No.	Date	1 del	, 192.7
USE ADDITIONAL	SHEETS IF NECESSARY)			
USE ADDITIONAL	states a material and a state of the state o	· · · ·		

T 12378

STATE ENGINEER Salem, Oregon

			26/	-19	K (I)
State	Well	No.	26/34		

County Harney

#### Water Level Record

OWNER: L.E. Jones OWNER'S NO. Description of measuring point: Top of Casing, 0.5' above LSD.

Mp 2 Lip of acess Pripe 1.5' above LSD.

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
6.10-59	23,95				
2-8-59	24.97				
5-10-60	24.97				
2-13-60	25.75				
6-10-61	25,80				
12-11-61	26.25	JS RO			
					RECEIVED BY OWRE
	D BY OWRD				MAY 09 2016
	2 3 2016				SALEM, OR -
SAL	EM, OR			1	
REMARK	S:				
					•

(as required by ORS	8EPORT 537.765)		_	4 1987		1#29)-		-		_
1) OWNER:	in Thompso			CHIPCES	(9); LOCATION		-	_		
	Rt. 2 356			UDEGO.	County Harney	Latitude N or S, Range	31 E	ongitude		
	nceton,	StateOre.	Zip		Section 20	N or S, Range <u>SE</u> 1/4	SW		_Eor W,	WM.
2) TYPE OF WO	RK:								vision	
New Well Deep		ndition	Abandon	10000-00	Street Address of W	_ Lot Bloo ell (or nearest address) _	40 mil	es SE	of I	Burns
3) DRILL METH					on Hwy 78, the	n F. of Hwy a	oprox	2 mi]	es.	-
	ary Mud	Cable			(10) STATIC W		.:		a	
Other					10_ n.	below land surface.			11-20	-87
(4) PROPOSED					Artesian pressure _		uare inch.	Date		
Domestic Com		trial X In	ugation		(11) WATER B		ES:			
5) BORE HOLE					Depth at which water was	first found 145				-
Special Construction approv	al Yes No	Depth of Com	pleted Well.	175 A.	From	То		ated Flow		SWL
Yes No Explosives used					145	175	5	00 gr	m	40
				A - 15 - 1						
HOLE Hole To	Material	From T		mount s or pounds					_	
160 0 10	a amount	0 18	10	acala	(12) WELL LO	G	1	0		
<u>16" 0 18</u> 12" 18 175	cement	0 18	12	sacks		Ground eleva	tion 415			
<u>==</u> <u>=0</u> <u>=</u> [2					Soil	Material		From	To	SWL
How was seal placed: Metho		⊠tc.□r	E		Sandstone			5	20	0
Other		· · · ·			Clay, tan			20	40	0
Backfill placed from					Sandstone, h	orn ·	د.	40	70	0
Gravel placed from		Size of grave	l		Clay, brn			70	85	0
(6) CASING/LIN	ER:	Steel Plant	Wolded	Threaded	Gravel w/ se	and		85	130	0
Casing: 12" +1			welded	Threaded	Clay, brn Sandstone, h			130 135	135	0
					Pumice, wate			11.5	175	10
										-
								_		
Liner:			H	H						-
Tinal location of shoe(s)	1/10				RECEIV	D BY OWRI				
(7) PERFORATI	ONS/SCREE	ENS: NO				Strift	RE	CEIN	ED F	BY ON
Perforations	Method		0°		Alle	9 9 2010				
Screens	Туре	Mate	rial	-	nou	232016.		MA	00	2010
From To size		Tele/pip	e Casing	Liner	0	-		IWIA	09	2016
		5120			SAL	EM, OR				
								SA	LEM,	OH
			- 0		Date started 11-1	-87 -		1-20-	87	-
					Dute builded		inpieted		-01	
(8) WELL TEST	8: Minimum t	esting time	is 1 hour		(unbonded) Water	Well Constructor C e work I performed			-	ation
	Bailer XX		Flow	ving	abandonment of this	well is in complian	ce with C	regon y	vell con	struction
		rill stem at		lime	standards. Materials knowledge and belief.	used and information	reported a	above ar	e true to	my bes
500		175	1	l hr.			w	WC Nu	mber	_
		±12			Signed		Da	ate		
					(bonded) Water We					
Temperature of water6		epth Artesian F	low Found			ibility for the constru	action, alte	eration.	or aband	lonment
Was a water analysis done?	Yes By w		1.1		work performed du	ing this time is i	n complia	ance wi	th Oreg	on well
Did any strata contain water Salty Muddy D (			Too little		construction standard belief.	is. This report is true	e to the be	est of m	y knowle	dge and
_ Sally _ Muddy _ (	uor L Colored	Uther			11	/	. / W	WC Nu	mber 12	54

--

T	1	2	3	78	

THE OWNER OF THE OWNER	Oregon Water Resou 725 Summer Street N Salem, Oregon 97301 (503) 986-0900 www.wrd.state.or.us	E. Suite A	Ground Water Rig	nendment
Application: T-	12378		Applicant	Name: Shirley Thompson
Proposed Chang	ges: 🛛 POA 🗌 USE	⊠ APOA ⊠ POU	$\Box SW \rightarrow GW$ $\Box OTHER$	RA
Reviewer(s): I	Darrick E. Boschm	nann		Date of Review: <u>8/5/2016</u>

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

The water well reports provided with the application do not correspond to the water rights affected by the transfer.

The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.

Other \_\_\_\_\_


#### RECEIVED BY OWRD

#### SALEM, OR

Last Revised 04/20/2015

. \*

#### Ground Water Review Form

1. Basic description of the changes proposed in this transfer: \_\_\_\_\_

Transfer application T-12378 is related to five certificates: 46775; 55569; 55570; 55571; 85182.

Certificate 46775 authorizes groundwater pumping from 2 wells (POD 1 = HARN 1387; POD 2 = HARN 1389) for primary irrigation of 287.3 acres and supplemental irrigation of 48.2 acres.

This transfer seeks the following changes to certificate 46775:

1). Add five APOA wells (Newest Well = not yet constructed; West Well = L-118055 [no well log submitted]; North Well = HARN 1426; Middle Well = HARN 1428; East Well = HARN 1429).

2). Reconfigure the POU in section 13 and transfer 36.6 acres ~1 mile to the southeast.

Certificate 55569 authorizes groundwater pumping from 1 well (POD 1 = HARN 1428) for primary irrigation of 118.2 acres.

This transfer seeks the following changes to certificate 55569:

1). Add three APOA wells (West Well = L-118055 [no well log submitted]; North Well = HARN 1426; East Well = HARN 1429).

2). Reconfigure the POU.

<u>Certificate 55570 authorizes groundwater pumping from 1 well (POD 1 = HARN 1428)</u> for primary irrigation of 40.0 acres.

This transfer seeks the following changes to certificate 55570: 1). Add three APOA wells (West Well = L-118055 [no well log submitted]; North Well = HARN 1426; East Well = HARN 1429).

2). Reconfigure the POU.

Certificate 55571 authorizes groundwater pumping from 1 well (POD 1 = HARN 1426) for primary irrigation of 82.4 acres.

This transfer seeks the following changes to certificate 55571:

1). Add three APOA wells (Middle Well = HARN 1428; West Well = L-118055 [no well log submitted]; East Well = HARN 1429).

2). Reconfigure the POU.

Certificate 85182 authorizes groundwater pumping from 1 well (POD 1 = HARN 1429) for primary irrigation of 82.0 acres.

This transfer seeks the following changes to certificate 85182:

1). Add three APOA wells (Middle Well = HARN 1428; West Well = L-118055 [no well log submitted]; North Well = HARN 1426)

2). Reconfigure the POU and transfer 38 acres ~1 mile to the west.

RECEIVED BY OWRD

Last Revised: 04/20/2015 AUG 2 3 2016

\*Note: as of the date of this review the OWRD well log database has a duplicate well log on record for HARN 1389. Well log HARN 1388 represents the same well. For future records HARN 1389 will be maintained as the well log of record for this well.

Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: <u>Available data indicates a predominantly</u> volcanic/volcaniclastic unit occurs beneath a predominantly basin fill sediment unit. Reports for the Malheur Lake Basin indicate groundwater occurs in both the basin fill and underlying volcanic rocks. The groundwater is likely hydraulically connected, making a single groundwater system occurring in different geologic units. Leonard (1970) found that near the edges of the valley there is likely good interconnection between individual waterbearing beds in the valley fill and those in the adjacent and underlying tertiary rocks.

The available well logs for all authorized and proposed wells indicate groundwater production from both the basin fill unit and the underlying volcanic/volcaniclastic unit.

\*Note: there has not been a well log submitted to the department for West Well (L-118055). The driller indicates he is waiting on pump test data before submitting the log.

a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
 Yes X No See comments in 2 above.

b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): \_\_\_\_\_

#### **RECEIVED BY OWRD**

AUG 2 3 2016

4. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?

Yes No Comments: Addition of the proposed APOAs for each of these certificates will result in an incremental increase in interference with wells in the vicinity of the proposed APOAs.

The APOAs proposed for certificate 46775 are located ~1.2 - 2.2 miles southeast of the currently authorized wells. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southeast.

The APOAs proposed for certificate 55569 are located  $\sim 0.2 - 0.8$  miles southwest, north, and southeast of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southwest, north, and southeast.

The APOAs proposed for certificate 55570 are located  $\sim 0.2 - 0.8$  miles southwest, north, and southeast of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southwest, north, and southeast.

The APOAs proposed for certificate 55571 are located  $\sim 0.2 - 1$  mile southwest, south, and southeast of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southwest, south, and southeast.

The APOAs proposed for certificate 85182 are located  $\sim 0.8 - 1.2$  miles northwest of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the northwest.

The Bit not a problem, see next page

#### RECEIVED BY OWRD

AUG 2 3 2016

The closest authorized POD to any of the proposed APOAs is POD 1 under certificate 35951 (HARN 1431) which is located ~440 feet southwest of proposed APOA HARN 1429. Both wells are completed to similar depth and appear to produce groundwater from the same water bearing zones.

The potential increase in drawdown at HARN 1431 was calculated using the Theis equation (see attachment). The values for the calculation are conservative and appropriate until better values become available. The calculations use an intermediate storage coefficient (0.001). The transmissivity used in the calculation (5,799 ft<sup>2</sup>/day) is the average of transmissivities derived from specific capacity data from reported pump tests in nearby wells. At the pro-rated pumping rate of the full duty over the full irrigation season (for the largest certificate considered under this transfer – 1.77 cfs), the results show an increase in seasonal drawdown of ~20 feet; which will likely be within the capacity of the nearby well.

5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with another surface water source?

Yes No Comments: <u>The proposed APOAs are generally further from Malheur</u> <u>Lake than the currently authorized POAs</u>. There are no other perennial surface water bodies in the vicinity of the proposed APOAs.

b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any **surface water sources** resulting from the proposed change? Stream: \_\_\_\_\_\_ Minimal Significant

Stream:

Provide context for minimal/significant impact:

- 6. What conditions or other changes in the application are necessary to address any potential issues identified above: none.
- 7. Any additional comments: none.

#### RECEIVED BY OWRD

AUG 2 3 2016

#### Transfer Application: T-12378

.

-

Transmissivity from Specific Capacity using the Theis Equation (Adapted from Vorhis (1979))

#### Theis Equation:

· · \*

.

T = [Q/(4\*s\*pi)](W(u)]u = (r\*r\*S]/(4\*T\*t) W(u) = (-In u)-(0.5772157)+(u/1\*11)-(u\*u/2\*21)+(u\*u\*u/3\*31)-(u\*u\*u\*u/4\*4!)+.

T = transmissivity (L\*L/T) s = drawdown (L) r = radial distance (L) 5 = storage coefficient (dimensionless) t = time (T) pi = 3.141592654 u = dimensionless W(u) = well function

Note: Transmissivity is derived using an iterative process. The calculations use a known or assumed Storage Coefficient (S) provided by the user. Specific Capacity (Q/s) is used to first approximate the Transmissivity (T) used to calculate u in the first Theis equation iteration. The Transmissivity of the previous iteration is used to calculate u in a given Theis equation iteration. Total Theis Equation iterations = 25 iterations. Can accept answer if difference in calculated Transmissivity (T(diff)) for the last 2 iterations is < 0.0001. Can accept answer if u in the last iteration is < 7.1

Note: Well efficiency is not included in the calculations Note: An intermediate storage coefficient of 0.001 is used in all calcuations.

References: Theis, C.V. 1935. The relation between the lowering of the piezometric surface and the rate and duration of discharge of a well using ground water storage. American rate and ouration of discharge of a well using from water subrage. Anterion Geophysical Union Transactions, 16 annual meeting, vol. 16, pg. 519-524. Vorhis, R.C. 1979. Transmissivity from pumped well data. Well Log, National Water Well Association newsletter, vol. 10, no. 11, Dec. 1979, pg. 5052.

TRANSMISSIVITY/HYDRAULIC CONDUCTIVITY CALCULATION

Well Log ID	T/R-S Q-Q	Time (t) (hours)	Well Diameter (d) (inches)	T (diff)	u	Transmissivity (T) (ft2/day)	Transmissivity (T) (gpd/ft)
HARN 51378	0	6	24	0.0000E+00	1.91E-07	5228	39108
HArN 1959	0	1	12	0.0000E+00	2.02E-07	7425	55542
HARN 1426	0	3	12	0.0000E+00	1.05E-07	4745	35497
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
			1 4 3 4 1 +		MIN:	4745	35497
		TOT HARN	1431 is not used he	ere due to	MAX:	7425	55542
anomalous re	ported values.				AVE:	5799	43383
					STDEV:	1428	10684

#### SPECIFIC CAPACITY CALCULATION Specific Capacity Drawdown (s) Well Log ID Pumping Rate (Q) (gpm/ft) (ft) (gpm) 60 22.9167 1375 HARN 51378 32.6667 30 HArN 1959 980 50 20.0000 HARN 1426 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 20.00 MIN:

Application: T-12378

Basin: Malheur lake

32.67 MAX: AVE: 25.19 STDEV: 6.63

RECEIVED BY OWRD

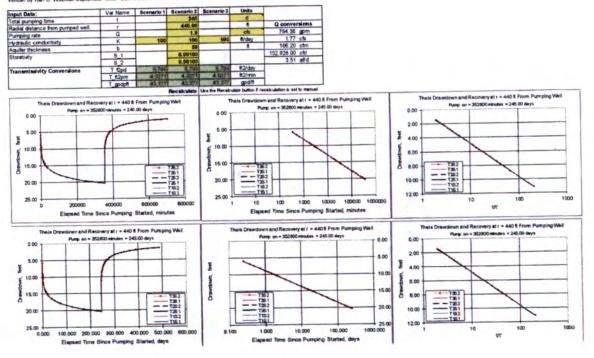
AUG 2 3 2016

SALEM, OR

.

• . •

Theis Time-Drawdown Worksheet v 3.00 Calculates These nenequalibrum drawdown and recovery all any arbitrary radial distance, r, from a pumping well for 3 different T velues and radial distance, r, from a pumping well for 3 different T velues and 2 different S velues. Written by Karl C. Wozniak September 1992. Last modified December 30, 2014

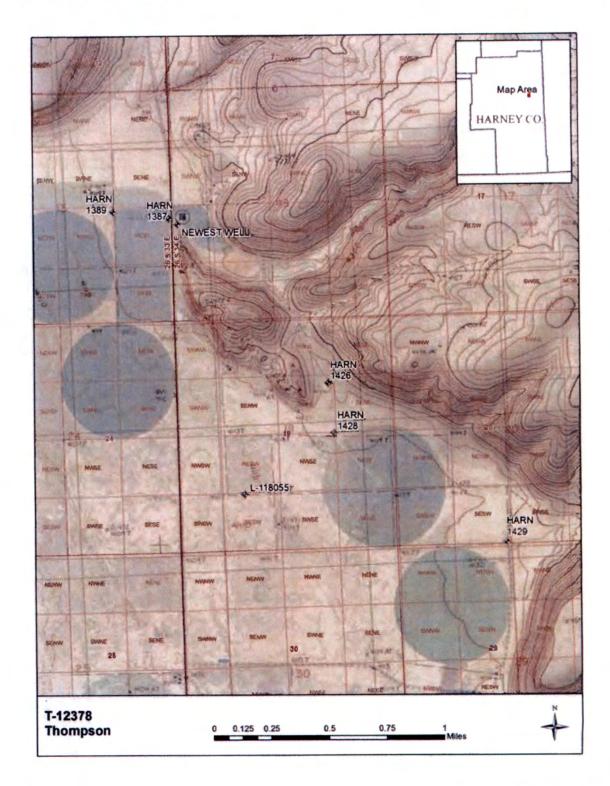


#### RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OF

. '



#### RECEIVED BY OWRD

AUG 2 3 2016 Last Revised: 04/20/2015

Page 8 of 8



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

#### Watermaster Review Form: Water Right Transfer

Transfer Application: T- <u>12378</u>	Review Due Date:
Applicant Name: Shirley Thompson	
Proposed Changes: 🛛 POU 🗌 POD	$\square$ POA $\square$ USE $\square$ OTHER
Reviewer(s): JR Johnson	Date of Review: May 16, 2016
1. Do you have <u>evidence</u> that the right has not presumption of forfeiture would not likely be evidence (e.g. dated aerial photo showing p	been used in the last 5 years and that the be rebuttable? $\square$ Yes $\square$ No If "yes", attach avement or building on the land for >5 yrs.)
occurred:	tream water rights? Yes X No
3. Have headgate notices been issued for the s ✓ □ Yes ☑ No □ Records not available	le.
<ul> <li>4. In your estimation, after the proposed change result in regulation of other water rights that original right(s) was/were maximized?</li> <li>Yes No If "Yes", explain:</li> </ul>	ge would distribution of water for the right(s) at would not have occurred if use under the
<ul> <li>In your estimation, if the proposed change would be affected? ☐ Yes</li></ul>	is approved, are there upstream water rights that 'Yes'', describe how the rights would be affected
from the current use of the transferred right the locations where the return flows likely $\underbrace{\mathbb{N}}_{A}$	m water rights benefit from return flows resulting $t(s)$ ? If you check the box, generally characterize occur and list the water rights that benefit most:
7. <u>For POD changes and instream transfers</u> , c the old and new PODs or within the propos describe and, if possible, estimate the losse	
8. For instream transfers that propose protection stream: N/A Would the quantity be moving with OAR 690-077-0015(8)?	ion of a reach beyond the mouth of the source easureable into the receiving stream consistent No
9. <u>For POU changes</u> : N/A Is it likely the water from the same source? Yes	original place of use would continue to receive No If "Yes", explain:

RECEIVED BY OWRD

Last revised 7-24-2012

Page 1 of 3

Watermaster Review Form

- For POU or USE changes: N/A In your best judgment, would use of the existing right at "full face value," result in the diversion of more water than can be used beneficially and without waste? Yes No If "Yes", explain: \_\_\_\_\_
- 11. Are there other issues not identified through the above questions that should be considered in determining whether the change "can be effected without injury to other rights"?
   □ Yes No If "Yes", explain: \_\_\_\_\_
- 12. What alternatives may be available for addressing any issues identified above: \_\_\_\_\_
- 13. Do conditions need to be included in the transfer order to avoid enlargement of the right or injury to other rights? No Yes, as checked below:

A Headgate should be required prior to diverting water.

Measurement Devices for POD or POA: (if this condition is selected, also fill in the top sections of page 3)

a. Before water use may begin under this order, the water user shall install a <u>totalizing flow meter</u>\*, or, with prior approval of the Director, another suitable measuring device, at each point of diversion/appropriation (new and existing) or at each new point of diversion/appropriation.

b. The water user shall maintain the meters or measuring devices in good working order.

c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.

Reservoir water use measurement: (if this condition is selected, also fill in the top sections of page 3)

a. **Before water use may begin** under this order, the water user shall install <u>staff</u> <u>gages</u>\*, or, with prior approval of the Director, other suitable measuring devices, that measure the entire range and stage between empty and full in each reservoir. Staff gages shall be United States Geological Survey style.

b. Before water use may begin under this order, if the reservoir is located in channel, weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, an adjustable outlet valve must be installed. The water user shall maintain such devices in good working order. A written waiver may be obtained, if in the judgment of the Director, the installation of weirs or other suitable measuring devices, or the adjustable outlet valve, will provide no public benefit.

\* The following alternative device(s) should be substituted for the bold, underlined device in the above selected condition:

Weir Weir	Submerged Orifice	
Parshall Flume	Flow Restrictor	RECEIVED BY OWRD
Other:		

AUG 2 3 2016

#### **Oregon Water Resources Department**

Measurement Condition Information for the Applicant

(to be sent with the Draft Preliminary Determination or Final Order)

Transfer #: T-12378

In order to avoid enlargement of the right or injury to other rights, a <u>totalizing flow meter</u> will be required to be installed **prior to diversion of water**, as a condition of this transfer:

at each point of diversion/appropriation (new and existing) or

at each new point of diversion/appropriation.

For additional information, or to obtain approval of a different type of measurement device, the applicant should contact the area Watermaster:

Watermaster name: JR Johnson

District: 10

Address: 450 N Buena Vista

City/State/Zip: Burns, OR 97720

Phone: 541 573 2764

Email: jr.johnson@wrd.state.or.us

*Note:* If a device other than the one specified in the Preliminary Determination or Final Order is approved by the Watermaster, fill out and mail the form below to the Salem office.

\*\*\*\*\*\*

#### Approval of an Alternate Measurement Device

(to be filled out after consultation with the applicant, or after a site visit)

On behalf of the Director, I authorize use of the following suitable alternate measurement device:

Watermaster signature

If this form is used for approval of an alternative measurement device, it must be mailed to:

Page 3 of 3

Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1266

RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OR

Last revised 7-24-2012

District

Date

\_\_\_\_\_

**T-**



, 9

#### OREGON WATER RESOURCES DEPARTMENT TRANSFER REIMBURSEMENT AUTHORITY ESTIMATE APPLICATION



ORS 536.055 authorizes the Oregon Water Resources Department to expedite or enhance regulatory processes voluntarily requested under the agreement.

The purpose of this application is to obtain estimates of the cost and time required to process a Transfer Application Request. There is a non-refundable application fee of \$125.00 per request.

TYPE	FILE NUMBER				
Transfer Application	Transfer Number	TBD			

	Applicant Information	Applicant's Representative/Contact
Name:	Shirley Thompson	Water Right Services, LLC / John A. Short
Address:	53743 Hwy 78	PO Box 1830
	Burns, OR 97720-9482	Bend, OR 97709-1830
Phone:		541-389-2837
Fax:		
E-Mail Address:		johnshort@usa.com

I understand the following:

- There is a non-refundable application fee of <u>\$ 125.00</u> per request.
- That upon receipt of my non-refundable application fee of <u>\$ 125.00</u>, OWRD will assign my request to the next contractor in the pool of contractors performing expedited services.
- That this fee covers the copying, the mailing cost, as well as the cost for the contractor to evaluate and provide the estimate for processing of the request.
- That OWRD will provide all pertinent information to the assigned contractor within one (1) business day.
- That OWRD will, within fourteen (14) days, notify me in writing of the estimates of costs and time frame for the expedited service.
- That upon receiving the estimate I may agree or decline to enter into a formal contract to pay the estimated cost in advance to initiate the expedited service.
- An incomplete or inaccurate application may delay the process and increase the cost to process my request.
- Expedited processing does not guarantee a favorable review of my request.
- Send completed Application and payment to: Oregon Water Resources Department Transfer Reimbursement Authority Program [ 725 Summer St. NE, Suite A Salem, OR 97301-1271
   MAY 0 9 2016
   SALEM, OR

   I certify that I am the (check one): Applicant ⊠ Applicant's Representative □ Other (Please specify) \_\_\_\_\_

Name: John A. Short, Water Right Services. LLC 12378 Signature: OWRD USE ONLY: Reimbursement Authority Number: R11 |49 17

### **Reimbursement Authority Final Deliverables Cover Sheet** for

Transfers

Transfer # T-12378 RA # R11 149 17 Applicant: Shirley Thompson

#### The following items have been submitted electronically\*:

- V Draft Preliminary Determination (DPD)
- .1 **DPD** Cover Letter
- **PD** Notice

-

NA

P

NA

NA

IF

1

1 PD Cover Letter

IT Draft Defizing Letter

- Remaining Right Certificates (one for each right that is not entirely affected by the transfer)
- Instream Water Right Certificate (if needed)

\*NOTE: Transfer documents should be submitted in MS Word format preferably, or "rich text" format.

#### The following items are enclosed:

- 1V Review checklist
- V Marked copy of transfer application
  - (for POU changes) Plat Card Report marked to indicate any other rights on the "From" lands
  - (for POU changes) Plat Card Report marked to indicate rights overlapping proposed POU
- $\Pi$ Notes or sketches, maps, etc. from evaluation of changes, injury evaluation, etc. that will help document what was considered in reaching the findings and determination in the Preliminary Determination.

Copies of each certificate that is only partially included in the transfer, marked as needed to show what portion of the right is being affected, and what remains unchanged.

morked up certificates & Final Proof Maps

Signature of Contractor: \_\_\_\_\_ Date: Arg 21, 2016

For WRD use only:

WRD approval by: \_

Date:

AUG 2 3 2016

Revised 5/06/11

RECEIVED BY OWED

#### **Terry Sprecher**

From:	Terry Sprecher <terry.sprecher@sprechergroup.com></terry.sprecher@sprechergroup.com>
Sent:	Sunday, August 21, 2016 3:19 PM
To:	FITZGERALD Kate M (kate.m.fitzgerald@state.or.us)
Subject:	T-12378, Shirley Thompson Initial Deliverables
AttachmentsECEIVED	BY OWIRDB78-DRFT.defic-letter.docm; 2.12378-DRFT.dpd.docm; 3.12378-DRFT.dpd-cov-
	approve.docm; 4.12378-DRFT.pd-notice.docm; 5.12378DRFTpd-cov-approve.docm
A11C 0	2010

#### AUG 2 3 2016

Hi Kate,

#### SALEM, OR

Have completed the file review for T-12378, and the initial deliverables. This transfer included 5 separate certificates. A minor comment: None of the T maps show the major water delivery system features – I've not requested this to be added to the T maps in the attached draft documents.

This application looks to be missing signatures/affidavits from landowners:

- P 4 says the applicant is not the sole owner of the land.
- P 1 says the affidavits of consent from landowners are Pending.
- P 5 has the "receiving landowner will be responsible" box checked, but no receiving landowner is listed.
- The Land Use Information Form names Martin Thompson, same address as Shirley.

The ownership and receiving landowner information is requested in the attached **draft deficiency letter (#1)**, because it is needed before issuing the draft DPD.

#### Cert 46775, major:

- the "Off" map shows 10 acres combined for Primary (should be 1.3 A) and Supplemental (should be 8.7 A) in the SE of the SW of S 18. The final proof map doesn't separate these either. During the plat card/conflict search, I looked at cert 44942 (the primary associated with the supplemental) and its application/permit map, which shows 10 acres of primary in this ¼ ¼, all S of the irrigation ditch and creek. I'm assuming the 1.3 A of primary is really N of the irrigation ditch see attached marked up maps and notes.
- The "on" map shows the exact same area discussed above, but marked 8.7 A for the "on" map. There is clearly an error somewhere can't have the same land be both 8.7 A and 10 A. I've marked up the "on" map showing my assumption. The draft Deficiency Letter requests the applicant to provide corrected "on" and "off" maps to resolve this discrepancy (#2).
- the application description of proposed POAs North, Middle, and East wells, is slightly different from that on the T map – may be clerical errors? The T map description looks to be correct, so I've used that in the draft DPD. The draft deficiency letter asks for the applicant to review and verify in writing (#4).

#### Cert 55569 and 55570, major:

- the application description of the proposed POA - North and East wells, is slightly different from that on the T map – see above. The **draft deficiency letter** asks for the applicant to review and verify in writing **(#4)**.

#### Cert 55571, major:

- authorized POA, the North well, is not shown on the "off" map. The **draft deficiency letter** requests a revised T map showing authorized POA (#3).
- the application description of the proposed POA East well is slightly different from that on the T map see above. The **draft deficiency letter** asks for the applicant to review and verify in writing **(#4)**.

#### Cert 85182, major:

- authorized POA, the East well, is not shown on the "off" map. The **draft deficiency letter** requests a revised T map showing authorized POA **(#3)**.
- the application description of the authorized POA (East well) is slightly different from that on the certificate. The application description of the proposed POA North well is slightly different from that on the T map see above.
   The draft deficiency letter asks for the applicant to review and verify in writing (#4).

#### Cert 46775, minor:

- In the NW of the SW of S 18, the tax lot maps seem to show that TL 1900 is G Lot 3, but TL 700 is not G Lot
   3. Certificate 46775 states that all 19.5 acres are in G Lot 3. Table 2, P. 8, shows all 19.5 acres in G Lot 3, and doesn't separate the acres by tax lot. I've left this alone, on the assumption that the Certificate is correct.
- "to" lands are broken down by ¼¼ section. But the NE of the NE of S 13 has 3 tax lots & the "to" acres aren't separated into these 3 tax lots. Also, on P. 8, one extra tax lot is listed for the SE of the NE of S 13. I don't think the tax lot breakdown is required, so have left this alone.

#### Cert 55571, minor:

"to" lands are broken down by ¼¼ section. But the SE of the NW of S 19 has 2 tax lots; the SW NE has 2 tax lots, 1 was left off the table on P 18; the "to" acres aren't separated into these 2 tax lots. I don't think the tax lot breakdown is required, so have left this alone. If "to" lands need to be broken down by tax lot, these deficiencies will need to be added to the draft Deficiency Letter.

The DPD and DPD cover were prepared assuming that the deficiency letter is sent, and the issues are all corrected. If that is not the case, deficiencies will need to be inserted into the DPD cover letter.

Attached please find:

- Draft deficiency letter
- Draft DPD
- Draft DPD Cover Letter
- Draft PD Notice
- Draft PD Cover

Hard copy initial deliverables, and the RA Deliverables Cover Sheet, are being mailed to WRD, to your attention. Scans of these documents are too large to email. They are posted on Microsoft's One Drive, at this link https://ldrv.ms/f/s!At\_vd5s2Ty7\_hhGcc34WWGjoOSCG

Let me know if questions. thank you.

Terry Sprecher RG, CWRE Licensed Geologist - OR, WA, ID, AK/ Certified Water Rights Examiner – OR

Sprecher group DBE/WBE/ESB #5687 2445 NE Division Street, Suite 300 Bend, Oregon 97703

Phone: 541/306-3709 terry.sprecher@sprechergroup.com Cell: 541/419-0883 www.sprechergroup.com

RECEIVED BY OWRD

AUG 2 3 2016

SALEM, OR



**Transfer Application Transfer Map Evidence of Use Affidavit Documentation of Use** Land Use Information Form **Report of Ownership** Miscellaneous **Superseded Pages** Receipt

Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1271 (503) 986-0900 www.wrd.state.or.us	Ground Water Review Form: Water Right Transfer Permit Amendment GR Modification Other
Application: T- <u>12378</u>	Applicant Name: Shirley Thompson
Proposed Changes: $\boxtimes$ POA $\boxtimes$ APOA $\square$ USE $\boxtimes$ POU	$\square SW \rightarrow GW \qquad \square RA \\ \square OTHER$
Reviewer(s): Darrick E. Boschmann	Date of Review: <u>8/5/2016</u>

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

The water well reports provided with the application do not correspond to the water rights affected by the transfer.

The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.

Other \_\_\_\_\_

.....

1. Basic description of the changes proposed in this transfer:

Transfer application T-12378 is related to five certificates: 46775; 55569; 55570; 55571; 85182.

Certificate 46775 authorizes groundwater pumping from 2 wells (POD 1 = HARN 1387; POD 2 = HARN 1389) for primary irrigation of 287.3 acres and supplemental irrigation of 48.2 acres.

This transfer seeks the following changes to certificate 46775:

1). Add five APOA wells (Newest Well = not yet constructed; West Well = L-118055 [no well log submitted]; North Well = HARN 1426; Middle Well = HARN 1428; East Well = HARN 1429).

2). Reconfigure the POU in section 13 and transfer 36.6 acres ~1 mile to the southeast.

<u>Certificate 55569 authorizes groundwater pumping from 1 well (POD 1 = HARN 1428)</u> for primary irrigation of 118.2 acres.

This transfer seeks the following changes to certificate 55569:

<u>1). Add three APOA wells (West Well = L-118055 [no well log submitted]; North Well = HARN 1426; East Well = HARN 1429).</u>

2). Reconfigure the POU.

<u>Certificate 55570 authorizes groundwater pumping from 1 well (POD 1 = HARN 1428)</u> for primary irrigation of 40.0 acres.

<u>This transfer seeks the following changes to certificate 55570:</u> <u>1). Add three APOA wells (West Well = L-118055 [no well log submitted]; North Well = HARN 1426; East Well = HARN 1429).</u> <u>2). Reconfigure the POU.</u>

<u>Certificate 55571 authorizes groundwater pumping from 1 well (POD 1 = HARN 1426)</u> for primary irrigation of 82.4 acres.

This transfer seeks the following changes to certificate 55571:

1). Add three APOA wells (Middle Well = HARN 1428; West Well = L-118055 [no well log submitted]; East Well = HARN 1429).

2). Reconfigure the POU.

<u>Certificate 85182</u> authorizes groundwater pumping from 1 well (POD 1 = HARN 1429) for primary irrigation of 82.0 acres.

This transfer seeks the following changes to certificate 85182:

1). Add three APOA wells (Middle Well = HARN 1428; West Well = L-118055 [no well log submitted]; North Well = HARN 1426)

2). Reconfigure the POU and transfer 38 acres ~1 mile to the west.

Ground Water Review Form

\*Note: as of the date of this review the OWRD well log database has a duplicate well log on record for HARN 1389. Well log HARN 1388 represents the same well. For future records HARN 1389 will be maintained as the well log of record for this well.

2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA? Yes No Comments: <u>Available data indicates a predominantly</u> volcanic/volcaniclastic unit occurs beneath a predominantly basin fill sediment unit. Reports for the Malheur Lake Basin indicate groundwater occurs in both the basin fill and underlying volcanic rocks. The groundwater is likely hydraulically connected, making a single groundwater system occurring in different geologic units. Leonard (1970) found that near the edges of the valley there is likely good interconnection between individual waterbearing beds in the valley fill and those in the adjacent and underlying tertiary rocks.

The available well logs for all authorized and proposed wells indicate groundwater production from both the basin fill unit and the underlying volcanic/volcaniclastic unit.

\*Note: there has not been a well log submitted to the department for West Well (L-118055). The driller indicates he is waiting on pump test data before submitting the log.

b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): \_\_\_\_\_

4. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?

Yes No Comments: <u>Addition of the proposed APOAs for each of these</u> <u>certificates will result in an incremental increase in interference with wells in the vicinity of</u> the proposed APOAs.

<u>The APOAs proposed for certificate 46775 are located ~1.2 - 2.2 miles southeast of the currently authorized wells. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southeast.</u>

<u>The APOAs proposed for certificate 55569 are located ~0.2 - 0.8 miles southwest, north, and southeast of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southwest, north, and southeast.</u>

<u>The APOAs proposed for certificate 55570 are located  $\sim 0.2 - 0.8$  miles southwest, north, and southeast of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southwest, north, and southeast.</u>

<u>The APOAs proposed for certificate 55571 are located  $\sim 0.2 - 1$  mile southwest, south, and southeast of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the southwest, south, and southeast.</u>

<u>The APOAs proposed for certificate 85182 are located</u>  $\sim 0.8 - 1.2$  miles northwest of the currently authorized well. Consequently, groundwater withdrawals under this certificate at the proposed locations will result in an incremental increase in interference with groundwater rights to the northwest.

Ground Water Review Form

The closest authorized POD to any of the proposed APOAs is POD 1 under certificate 35951 (HARN 1431) which is located ~440 feet southwest of proposed APOA HARN 1429. Both wells are completed to similar depth and appear to produce groundwater from the same water bearing zones.

<u>The potential increase in drawdown at HARN 1431 was calculated using the Theis</u> equation (see attachment). The values for the calculation are conservative and appropriate until better values become available. The calculations use an intermediate storage coefficient (0.001). The transmissivity used in the calculation (5,799 ft<sup>2</sup>/day) is the average of transmissivities derived from specific capacity data from reported pump tests in nearby wells. At the pro-rated pumping rate of the full duty over the full irrigation season (for the largest certificate considered under this transfer – 1.77 cfs), the results show an increase in seasonal drawdown of ~20 feet; which will likely be within the capacity of the nearby well.

5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another surface water source**?

Yes No Comments: <u>The proposed APOAs are generally further from Malheur</u> Lake than the currently authorized POAs. There are no other perennial surface water bodies in the vicinity of the proposed APOAs.

b) If yes, at its maximum all	lowed rate of use, what is the expected change in degree of
interference with any surface	ce water sources resulting from the proposed change?
Stream:	Minimal Significant

Stream:

Minimal Significant

- Provide context for minimal/significant impact:
- 6. What conditions or other changes in the application are necessary to address any potential issues identified above: <u>none.</u>
- 7. Any additional comments: none.

#### Ground Water Review Form

#### Transfer Application: T-12378

#### Transmissivity from Specific Capacity using the Theis Equation (Adapted from Vorhis (1979))

#### Theis Equation:

 $\begin{array}{l} & T = [0/(4^*s^*p_i)][W(u)] \\ & u = (r^*r^*S)/(4^*t^*t) \\ & W(u) = (-In u) + (0.5772157) + (u/1^*1!) - (u^*u/2^*2!) + (u^*u/3^*3!) - (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (0.5772157) + (u/1^*1!) - (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (0.5772157) + (u/1^*1!) - (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (0.5772157) + (u/1^*1!) - (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (0.5772157) + (u/1^*1!) - (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (0.5772157) + (u/1^*1!) - (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (0.5772157) + (u/1^*1!) + (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (0.5772157) + (u/1^*1!) + (u^*u/2^*2!) + (u^*u/3^*3!) \\ & T = (-In u) + (-In$ 

(u\*u\*u\*u/4\*4!)+... T = transmissivity (L\*L/T) s = drawdown (L) r = radial distance (L) S = storage coefficient (dimensionless) t = time (T) pi = 3.141592654 u = dimensionless W(u) = well function

Note: Transmissivity is derived using an iterative process. The calculations use a known or assumed Storage Coeficient (S) provided by the user. Specific Capacity (Q/s) is used to first approximate the Transmissivity(T) used to calculate u in the first Theis equation iteration. The Transmissivity of the previous iteration is used to calculate u in a given Theis equation iteration. Total Theis Equation iterations = 25 iterations. Can accept answer if difference in calculated Transmissivity (T(diff)) for the last 2 iterations is < 0.0001.Can accept answer if u in the last iteration is < 7.1

#### Note: Well efficiency is not included in the calculations

Note: An intermediate storage coefficient of 0.001 is used in all calcuations.

#### References:

Theis, C.V. 1935. The relation between the lowering of the piezometric surface and the rate and duration of discharge of a well using ground water storage. American Geophysical Union Transactions, 16 annual meeting, vol. 16, pg. 519-524. Vorhis, R.C. 1979. Transmissivity from pumped well data. Well Log, National Water Well Association newsletter, vol. 10, no. 11, Dec. 1979, pg. 50-52.

Well Log ID	Pumping Rate (Q)	Drawdown (s)	Specific Capacity
-	(gpm)	(ft)	(gpm/ft)
HARN 51378	1375	60	22.9167
HArN 1959	980	30	32.6667
HARN 1426	1000	50	20.0000
0	0	0	
0	0	0	
0	0	0	
0	0	0	
0	0	0	
		MIN:	20.00
		MAX:	32.67
		AVE:	25.19
		STDEV:	6.63

Application: T-12378

Basin: Malheur lake

Well Log ID	T/R-S Q-Q	Time (t) (hours)	Well Diameter (d) (inches)	T (diff)	u	Transmissivity (T) (ft2/day)	Transmissivity (T) (gpd/ft)
HARN 51378	0	6	24	0.0000E+00	1.91E-07	5228	39108
HArN 1959	0	1		0.0000E+00	2.02E-07	7425	55542
HARN 1426	0	3	12	0.0000E+00	1.05E-07	4745	35497
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
0	0	0	0	#DIV/0!	#DIV/0!		
Note: The ren	orted numn test f		1431 is not used he	ra dua ta	MIN:	4745	35497
	ported values.	UT HARN	1451 IS NOT USED NE	ere due to	MAX:	7425	55542
and a second second	portes talues.				AVE:	5799	43383
					STDEV:	1428	10684

#### Last Revised: 04/20/2015

#### Transfer Application: T-12378

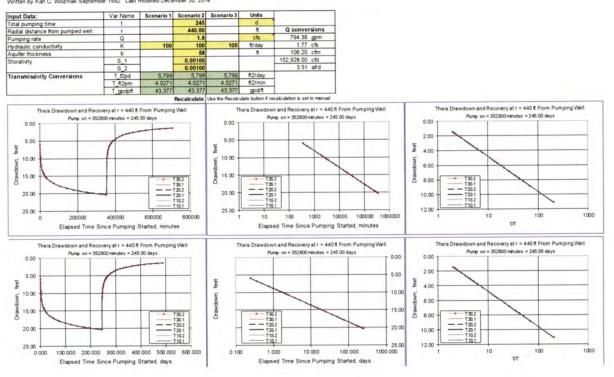
#### Ground Water Review Form

÷ ,

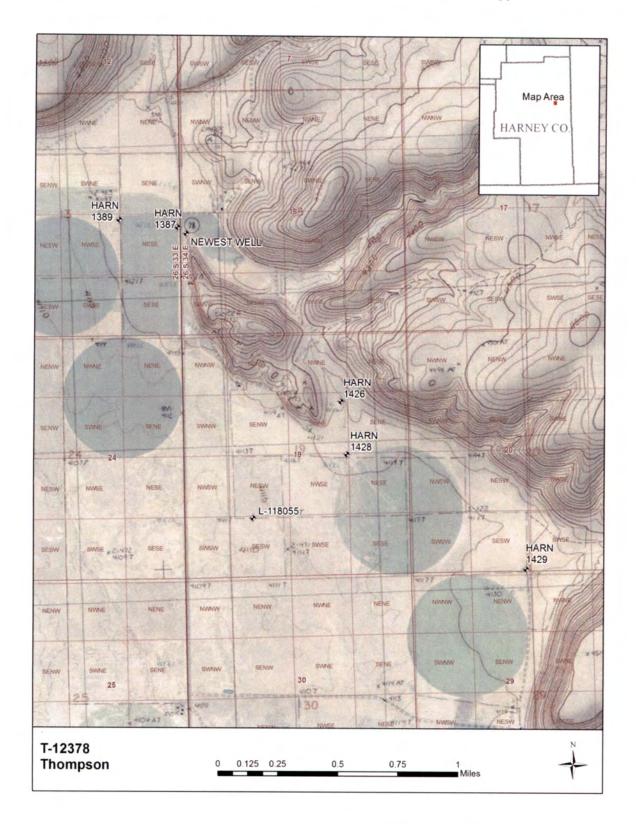
24

 Theis Time-Drawdown Worksheet
 v 3.00

 Cadculates Theis nonequilibrium drawdown and recovery at any arbitrary radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and radial distance, r, from a pumping well for 3 different T values and



.





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

### Watermaster Review Form: Water Right Transfer

Гra	ransfer Application: T- <u>12378</u>	Revi	ew Due Date:	
Ap	pplicant Name: Shirley Thompson			Car Server
Pro	roposed Changes: POU POD	🖾 POA	USE USE	□ OTHER
	eviewer(s): <u>JR Johnson</u>	Date	of Review:	<u>May 16, 2016</u>
1.	presumption of forfeiture would not likely be r evidence (e.g. dated aerial photo showing pave	ement or build	ling on the lan	d for >5 yrs.)
2.	involved the transferred right(s) and downstrea Generally characterize the frequency of any re occurred:	am water righ egulation or ex	ts? Yes plain why reg	ulation has not
3.	$\Box$ Yes $\boxtimes$ No $\Box$ Records not available.			
4.	result in regulation of other water rights that w original right(s) was/were maximized? Yes No If "Yes", explain:	vould not have	e occurred if u	se under me
5.	5. In your estimation, if the proposed change is a would be affected?	approved, are es", describe h	there upstream now the rights	n water rights that would be affected
6.	from the current use of the transferred right(s) the locations where the return flows likely occ $\_$ . $\square N/A$	)? If you check cur and list the	ck the box, ger e water rights	that benefit most:
7.	7. For POD changes and instream transfers, cher the old and new PODs or within the proposed describe and, if possible, estimate the losses:	l instream read	ch? If you che	nel losses between eck the box,
8.	8. For instream transfers that propose protection stream: N/A Would the quantity be meas with OAR 690-077-0015(8)? Yes No.	sureable into t	yond the mou he receiving s	th of the source tream consistent

9. For POU changes: N/A Is it likely the original place of use would continue to receive water from the same source? Yes No If "Yes", explain:

- 10. For POU or USE changes: □ N/A In your best judgment, would use of the existing right at "full face value," result in the diversion of more water than can be used beneficially and without waste? □ Yes □ No If "Yes", explain: \_\_\_\_
- 11. Are there other issues not identified through the above questions that should be considered in determining whether the change "can be effected without injury to other rights"?
  □ Yes □ No If "Yes", explain:
- 12. What alternatives may be available for addressing any issues identified above:
- 13. Do conditions need to be included in the transfer order to avoid enlargement of the right or injury to other rights? No Xes, as checked below:
  - A Headgate should be required prior to diverting water.
  - Measurement Devices for POD or POA: (if this condition is selected, also fill in the top sections of page 3)
    - a. Before water use may begin under this order, the water user shall install a <u>totalizing flow meter</u>\*, or, with prior approval of the Director, another suitable measuring device, at each point of diversion/appropriation (new and existing) or at each new point of diversion/appropriation.
    - b. The water user shall maintain the meters or measuring devices in good working order.

c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.

- Reservoir water use measurement: (if this condition is selected, also fill in the top sections of page 3)
- a. Before water use may begin under this order, the water user shall install <u>staff</u> <u>gages</u>\*, or, with prior approval of the Director, other suitable measuring devices, that measure the entire range and stage between empty and full in each reservoir. Staff gages shall be United States Geological Survey style.
- b. Before water use may begin under this order, if the reservoir is located in channel, weirs or other suitable measuring devices must be installed upstream and downstream of the reservoir, and, an adjustable outlet valve must be installed. The water user shall maintain such devices in good working order. A written waiver may be obtained, if in the judgment of the Director, the installation of weirs or other suitable measuring devices, or the adjustable outlet valve, will provide no public benefit.

\* The following alternative device(s) should be substituted for the bold, underlined device in the above selected condition:

- Weir
- \_\_\_\_ Parshall Flume

Submerged Orifice

Other:

### **Oregon Water Resources Department**

**Measurement Condition Information for the Applicant** 

(to be sent with the Draft Preliminary Determination or Final Order)

Transfer #: T-12378

In order to avoid enlargement of the right or injury to other rights, a <u>totalizing flow meter</u> will be required to be installed **prior to diversion of water**, as a condition of this transfer:

 $\boxtimes$  at each point of diversion/appropriation (new and existing) or  $\square$  at each new point of diversion/appropriation.

For additional information, or to obtain approval of a different type of measurement device, the applicant should contact the area Watermaster:

Watermaster name: JR Johnson

District: 10

Address: 450 N Buena Vista

City/State/Zip: Burns, OR 97720

Phone: 541 573 2764

Email: jr.johnson@wrd.state.or.us

Note: If a device other than the one specified in the Preliminary Determination or Final Order is approved by the Watermaster, fill out and mail the form below to the Salem office.

\*\*\*\*\*\*

### Approval of an Alternate Measurement Device

(to be filled out after consultation with the applicant, or after a site visit)

On behalf of the Director, I authorize use of the following suitable alternate measurement device:

Watermaster signature

District

Date

Т-

If this form is used for approval of an alternative measurement device, it must be mailed to:

Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301-1266

### Regular Permanent Water Right Transfer Application Checklist Checked by

(If OK, check box to left; if not, fill in the blank)

1. Page 1 of application: Are all attachments that have been checked actually included? If not, what is missing?

2. Are fees included and correct? Fee paid: 0350

If not, the correct fee would be: \_\_\_\_\_, so the amount missing is: \_

► If a Substitution (see Page 5 of application)

Base fee for 1 well (POA)		\$725.00
Number of additional wells =	x \$350.00 =	
	Total =	

#### ► If a Government Action POD change (see: Page 5): NO CHARGE

#### ► If any other type of "regular permanent" transfer:

Base fee for one water right, one change and first cfs =					
# of additional water rights beyond the first (see Part 4 of application) = $4$ x \$450.00 =					
Additional fee for groundwater staff review if a changes to well location(s), additional well(s) of SW diversion point to a well =		\$350.00	350		
1 or 2 additional TYPEs of change* (see     j       Page 5 of application) =     x \$800.00 =					
If <i>Place of Use</i> or <i>Character of Use</i> change and transfer involves more than 1 cfs (based on primary acres x rate), $\#$ cfs or fraction above the first cfs =	8	x \$300.00 =	2400		
HINT: Total cfs on WR (÷) total # acres on W involved in transfer	R (x) # acres inv	olved in transfer	= <u># cfs</u>		
		Sub-total =	6350		
If a letter from ODFW endorsing this as a "		nsfer is included, b-total by 0.50 =			
Total = sub-total minus 50% "fish-friendly" reduction, if applicable =					

\*NOTE: [POD/APOD, POA/APOA, SW to GW, Gov Action] are all counted as one type POU is counted as one type [USE *or* (Supplemental to Primary)] are counted as one type

- 3. Page 3 of application: Have all the applicants listed at the top of the page signed? If no, whose signature is missing?
- - 5. If any certificate is in the name of a "district", is a Supplemental Form D from that district enclosed?
  - 6. If all #1-#5 boxes on this checklist are checked (with no remaining deficiencies identified), accept the application and assign it a numbered transfer folder. Put this check sheet in the transfer folder. If #1, #2, #3, #4 or #5 on this checklist is deficient, the application cannot be accepted. It should be returned and the **deficiencies listed in the "staff" section** at the bottom of Application Page 1, unless the applicant or agent can resolve the deficiencies within 2-3 days.

Certs & acres involved:	
Changes:	
# cfs involved:	
Source:	-





May 13, 2016

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

SHIRLEY THOMPSON 53743 HWY 78 BURNS, OR 97720

Reference: Application T- 12378

On May 9, 2016, we received your water right Transfer application. The application was accompanied by \$6475.00. Our receipt number 119738 is enclosed.

By copy of this letter, we are asking the Watermaster for a report regarding the potential for injury to existing water rights which may be caused by the requested change. A review form will also be sent to our groundwater staff to determine whether the proposed well accesses the same source of water as the original well.

Your application will be examined to determine whether additional information is needed. We will notify you if further information or corrections to the application or map are required.

This application <u>may</u> require publication of a notice for two consecutive weeks in a newspaper with general circulation in the area where the water right is located. If it is determined that newspaper notice will be required, the Department will prepare the notice and notify you of the cost. You will be responsible for submitting payment to the Department prior to publication of the notice.

Except as provided under ORS 540.510(3) for municipalities, you may not use water in the new place of use or from the new point of appropriation until a final order approving the transfer application has been issued by the Department.

In order to avoid any possible forfeiture of the water right, you should continue to use the water as described by your existing water right.

If the land is sold before the application is approved, the buyer's consent to the application will be required unless a recorded deed or other legal document clearly established that the water right was not conveyed in the sale.

Refer to the following page for a chart showing the steps and expected timelines for the processing of your application.

If you have any questions, please contact the Transfer Section at (503) 986-0807.

Cc: Watermaster Dist. #10 (via email) John A. Short, Agent Enclosure

### **Transfer Applications: Regular**

The holder of a water right may apply to permanently change an existing water use subject to transfer as defined in ORS 540.505(4). An application may involve any of the following changes: Point of diversion or appropriation; Additional point of diversion or appropriation; Historic POD; Place of use; Character of use; Instream; Substitution; or Exchange.

The Department seeks public comment on the recently-filed transfer applications listed below. Any person may comment on a transfer application. Comments must be received by the Department on or before June 16, 2016. Any person who provides comments within the comment period will receive a copy of the Department's preliminary determination of whether the application should be approved or rejected after the Department has completed a review of the application and will be provided an opportunity to protest the application and preliminary determination at that time.

Transfer	T 12378
Water Right	Cert:46775 , Cert:55569 , Cert:55570 , Cert:55571 , Cert:85182
County/Basin	Harney / Malheur Lake(12)
Applicant Name	THOMPSON, SHIRLEY
	53743 HWY 78
	BURNS, OR 97720
Proposed Change	POINT OF APPROPRIATION, ADDITIONAL POINT OF APPROPRIATION, PLACE OF USE
Sources/TRSQ40Q160	A WELL > MALHEUR LAKE / 26.00S 34.00E 19 NWSE
	A WELL > MALHEUR LAKE / 26.00S 34.00E 19 SWNE
	A WELL > MALHEUR LAKE / 26.00S 34.00E 20 SESW
	JAMES WELL > MALHEUR LAKE / 26.00S 34.00E 19 NWSE
	NEW THOMPSON WE > MALHEUR LAKE / 26.00S 33.00E 13 NWSE
	OLD THOMPSON WE > MALHEUR LAKE / 26.00S 33.00E 13 NESE
Use/Quantity	IRRIGATION / 0.500 CFS
	IRRIGATION / 1.030 CFS
	IRRIGATION / 1.025 CFS
	IRRIGATION / 1.480 CFS
	IRRIGATION / 3.300 CFS
	IRRIGATION / 0.710 CFS
Priority Date	09/10/1974, 04/04/1978, 05/08/1978, 10/18/1978, 03/10/1992



State of Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, Oregon 97301-1266 (503) 986-0900

# Application for Permanent Water Right Transfer Part 1 of 5 – Minimum Requirements Checklist

	This	s transfer application will be returned if Parts 1 through 5 and all required attachments are not completed and included. For questions, please call (503) 986-0900, and ask for Transfer Section.
Chee	k all iten	as included with this application. (N/A = Not Applicable)
$\boxtimes$		Part 1 - Completed Minimum Requirements Checklist.
$\boxtimes$		Part 2 – Completed Transfer Application Map Checklist.
		Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: <u>http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator</u> . If you have questions, call Customer Service at (503) 986-0801.
$\boxtimes$		Part 4 – Completed Applicant Information and Signature.
		Part 5 – Information about Water Rights to be Transferred: How many water rights are to be transferred? <u>5</u> List them here: <u>46775</u> , <u>55569</u> , <u>55570</u> , <u>55571</u> , <u>85182</u> Please include a separate Part 5 for each water right. (See instructions on page 6)
		Attachments:
$\boxtimes$		Completed Transfer Application Map.
		Completed Evidence of Use Affidavit and supporting documentation.
$\boxtimes$	Pending	Affidavit(s) of Consent from Landowner(s) (if the applicant does not own the land the water right is on.)
	N/A	Supplemental Form $D$ – For water rights served by or issued in the name of an irrigation district. Complete when the transfer applicant is not the irrigation district.
	N/A	Land Use Information Form with approval and signature (or signed land use form receipt stub). Not required if water is to be diverted, conveyed, and/or used only on federal lands or if <b>all</b> of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone.
$\boxtimes$	N/A	Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
	N/A	Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500' from the surface water source and more than 1000' upstream or downstream from the point of diversion. See OAR 690-380-2130 for requirements and applicability.
EIVED	BY OWF	(For Staff Use Only)
MAY 0		WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S).
SALE	M, OR	Other/Explanation

T 12378

TACS

P n	lease be s natches th	sure that the transfer application map you submit includes all the required items and ne existing water right map. Check all boxes that apply.
$\boxtimes$	N/A	Certified Water Right Examiner (CWRE) Stamp and Original Signature. For a list of CWREs, see <u>http://apps.wrd.state.or.us/apps/wr/cwre_license_view/</u> . CWRE stamp and signature are not required for substitutions.
$\boxtimes$	N/A	If more than three water rights are involved, separate maps are needed for each water right.
$\boxtimes$		Permanent quality printed with dark ink on good quality paper.
$\boxtimes$		The size of the map can be $8\frac{1}{2} \times 11$ inches, $8\frac{1}{2} \times 14$ inches, $11 \times 17$ inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
$\boxtimes$		A north arrow, a legend, and scale.
		The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the Final Proof/Claim of Beneficial Use Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
$\boxtimes$		Township, Range, Section, <sup>1</sup> / <sub>4</sub> <sup>1</sup> / <sub>4</sub> , DLC, Government Lot, and other recognized public land survey lines.
$\boxtimes$		Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
		Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
$\boxtimes$		Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
		Existing place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the water right is being changed, a separate hachuring is needed for lands left unchanged.
	□ N/A	Proposed place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
		Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water right certificate or permit.
	ED BY A	If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at
MAY	<b>0 9</b> 2016	latitude-longitude coordinates may be expressed us entiter degrees minutes see
CA	Revised	TAC

4

\$

	FEE WORKSHEET for PERMANENT TRANSFER ( Part 3 of 5.		
1	Base Fee (includes one type of change to one water right for up to 1 cfs)	1	\$1,000
	Types of change proposed: Place of Use Character of Use Point of Diversion/Appropriation Number of above boxes checked = 2 (2a)		
	Subtract 1 from the number in line $2a = \frac{1}{(2b)}$ If only one change, this will be 0		
2	Multiply line 2b by \$800 and enter » » » » » » » » » » » » » » » » »	2	\$800
3	Number of water rights included in transfer <u>5 (3a)</u> Subtract 1 from the number in 3a above: <u>4 (3b) If only one water right this will</u> be 0 Multiply line 3b by \$450 and enter » » » » » » » » » » » » » » »	3	\$1800
5	Do you propose to add or change a well, or change from a surface water POD		
4	to a well? <ul> <li>No: enter 0 »» » » » » » » » » » » » » » » » » »</li></ul>	4	\$350
5	Do you propose to change the place of use or character of use?         □ No: enter 0 on line 5 » » » » » » » » » » » » » » » » » »	5	\$2400
6	Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:	6	\$6350
	<ul> <li>Is this transfer:</li> <li>In necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932?</li> <li>In endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat?</li> <li>If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 will for box is applicable, enter 0 on line 7 with with the will be applied on the first of the firs</li></ul>	7	\$0
7	(1 + 1) + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	/	ψ0

\*Example for Line 5a calculation to transfer 45.0 acres of Primary Certificate 12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Certificate 87654 (1/80 cfs per acre) on the same land:

1. For irrigation calculate cfs for each water right involved as follows:

- Divide total authorized cfs by total acres in the water right (for C12345, 1.25 cfs ÷100 ac); then multiply by the number a. of acres to be transferred to get the transfer cfs (x 45 ac = 0.56 cfs).
- b. If the water right certificate does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (For C87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)
- 2. Add cfs for the portions of water rights on all the land included in the transfer; however do not count cfs for supplemental rights on acreage for which you have already calculated the cfs fee for the primary right on the same land. The fee should be assessed only once for each "on the ground" acre included in the transfer. (In this example, blank 5a would be only 0.56 cfs, since both rights serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 0).

Base Fee (includes change to one well)	1	\$725.00
Number of wells included in substitution       (2a)         Subtract 1 from the number in 3a above:       (2b) If only one well this will be 0         2       Multiply line 2b by \$350 and enter » » » » » » » » » » » » » » » »	2	
3 Add entries on lines 1 through 2 above » » » » » Fee for Substitution:	3	

#### **Applicant Information**

4

APPLICANT/BUSINESS NAM			PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS 53743 HWY 78				FAX NO.
CITY BURNS	STATE OR	ZIP 97720	E-MAIL	
				CORRESPONDENCE FROM THE

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

AGENT/BUSINESS NAME JOHN A. SHORT / WA	ATER RIGHT SE	PHONE NO. 541-389-2837	ADDITIONAL CONTACT NO.	
ADDRESS PO BOX 1830				FAX NO.
CITY BEND	STATE OR	ZIP 97709	E-MAIL JOHNSHORT@U	JSA.COM
				CORRESPONDENCE FROM THE ENTS WILL ALSO BE MAILED.

Explain in your own words what you propose to accomplish with this transfer application, and why:

#### MOVING WATER RIGHTS TO MORE PRODUCTIVE AREAS

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

#### **Check One Box**

- By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); **OR**
- I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**
- I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting documentation.

I understand that prior to Department approval of the transfer application, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the water right is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper:

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

0 9 2016

MAY

RECEIVED BY OWRD

Applicant signature

Applicant signature

Print Name (and Title if applicable)

Shirley M. Thompson Print Name (and Title if applicable)

Date

12378

Is the applicant the sole owner of the land on which the water right, or portion thereof, proposed for transfer is located?  $\Box$  Yes  $\boxtimes$  No If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.

Permanent Transfer Application Form - Page 4 of 22

Check the following boxes that apply:

The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.

The receiving landowner will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to this landowner.

Both the receiving landowner and applicant will be responsible for completion of change(s). Copies of notices and correspondence should be sent to this landowner and the applicant.

At this time, are the lands in this transfer application in the process of being sold? 
Yes No

If YES, and you know who the new landowner will be, please complete the receiving landowner information table below. If you do not know who the new landowner will be, then a request for assignment will have to be filed for at a later date.

If a property sells, the certificated water right(s) located on the land belong to the new owner, unless a sale agreement or other document states otherwise. For more information see: <u>http://www.oregon.gov/owrd/docs/transfer-propertytransactions.pdf</u>

RECEIVING LANDOWN	IER NAME		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS				FAX NO.
CITY	STATE	ZIP	E-MAIL	

Describe any special ownership circumstances here: N/A

Check here if any of the water rights proposed for transfer are or will be located within or served by an irrigation or other water district. (**Tip**: Complete and attach Supplemental Form D.)

IRRIGATION DISTRICT NAME N/A	ADDRESS	
CITY	STATE	ZIP

Check here if water for any of the rights supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME N/A	ADDRESS		
СІТҮ	STATE	ZIP	



\$7

To meet State Land Use Consistency Requirements, you must list all county, city, municipal corporation, or tribal governments within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME HARNEY CO. PLANNING DEPT	ADDRESS 450 N. BUENA VIS	TA	
CITY	STATE	ZIP	
BURNS	OR	97720	

ADDRESS	
STATE	ZIP RECEIVED BY OWRD

T

12378

SALEM, OR

## **INSTRUCTIONS** for editing the Application Form

To add additional lines to tables within the forms or to copy and paste additional Part 5 pages, please **save the application form to your computer**. Unlock the document by using one of the following

instructions for your Microsoft Word software version:

#### Microsoft Word 2003

Unlock the document by one of the following:

• Using the Tools menu => click Unprotect Document;

#### OR

١

• Using the Forms toolbar => click on the Protect/Unprotect icon.

To relock the document to enable the checkboxes to work, you will need to:

Using the Tools menu => click Protect Document;

#### OR

Using the Forms toolbar => click on the Protect/Unprotect icon.

#### **Microsoft Word 2007**

- Unlock the document by clicking the Review tab, then click Protect Document, then click Stop Protect
- To relock the document, click Editing Restrictions, then click Allow Only This Type of Editing, select Filling In Forms from the drop-down menu, then check Yes, Start Enforcing Protection.

#### **Microsoft Word 2010**

- Unlock the document by clicking the **Review** tab, toggle the **Restrict Editing icon** at the upper right, then click **Stop Protect** at the bottom right. Then uncheck the "**Allow only this type of editing** in the document: **Filling in forms**" in the "Editing restrictions" section on the right-hand list of options.
- To relock the document, check the Editing Restrictions/Allow Only This Type of Editing/Filling In Forms box from the drop-down menu, then check Yes, Start Enforcing Protection. You do not need to assign a password for the editing restrictions.

#### **Other Alternatives:**

- Photocopy pages or tables in Part 5, mark-through any non-applicable information, insert/attach
  photocopied pages to document in the appropriate location, and manually amend page numbers as
  necessary (e.g. Page 5 6 of 9 10).
- You may refer to additional attachments that you may include, such as separately produced tables or spreadsheets to convey large numbers of rows of place of use listings, owner/property parcels, etc. You may contact the Department at 503-986-0900 and ask for Transfer Staff if you have questions.

### RECEIVED BY OWRD

## T 12378

MAY 09 2016

Permanent Transfer Application Form - Page 6 of 22

SALEM, OR TACS

Once the application has been unlocked, you may:

- add additional rows to tables using the Table tools, and
- select and copy the pages of Part 5 and paste as many additional sets of Part 5 pages as needed at the end of the application.

After editing, re-lock the document to enable checkboxes to work.

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

#### **CERTIFICATE # 46775**

#### **Description of Water Delivery System**

System capacity: 4.01 cubic feet per second (cfs) OR

gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. WELL PUMP DRIVES PIVOTS AND WHEEL LINES DIRECTLY

### Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA) (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Т	wp	R	ing	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
OLD WELL	Authorized Proposed	HARN 1388	26	s	33	E	13	NW	SE	2200	2490' N, 100' W OF SE COR SEC 13
NEW WELL	Authorized Proposed	HARN 1387	"	"	"	"	"	NE	SE	2200	2490' N, 1370'W OF SE COR SEC 13
NEWEST WELL	□ Authorized ☑ Proposed	N/A	"	"	34	"	18	NW	sw	3	2200' N, 90' E OF SW COR SEC 18
WEST WELL	Authorized Proposed	L-118055		"	34		19	SE	sw	2100	1320' N, 1480' E OF SW COR SEC 19
NORTH WELL	Authorized Proposed	HARN 1426			"	"		sw	NE	1900	1230' N, 170'W OF NE COR OF NW/SE 1/4 COR SEC 19
MIDDLE WELL	Authorized Proposed	HARN 1428	"	"		"		NW	SE	2300	70' S, 40' W OF NE COR OF NW/SE 1/4 COR SEC 19
EAST WELL	Authorized Proposed	HARN 1429	"	"	"	"	20	SE	SW	"	17' N, 123' W OF SE/SW 1/4 COR SEC 19

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

e of Us	se (POU)
	e of Us

Character of Use (USE)

Point of Diversion (POD)

- Additional Point of Diversion (APOD)
- $\square$ Surface Water POD to Ground Water POA (SW/GW)
- Point of Appropriation/Well (POA)  $\boxtimes$ Additional Point of Appropriation (APOA)

Supplemental Use to Primary Use (S to P)

- Substitution (SUB)
- Government Action POD (GOV)

#### Will all of the proposed changes affect the entire water right?

X Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes. MAY 09 2016

 $\boxtimes$ 

No Complete all of Table 2 to describe the portion of the water right to be changed.

Revised 7/1/2013

Permanent Transfer Application Form - Page 7 of 22

#### RECEIVED BY OWRE

SALEMARS

12378

T

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions. Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

#### Table 2. Description of Changes to Water Right Certificate # 46775

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.					PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.												ES						
Twp	Rng		Sec	1/4 1/4	Tax Lot	Gvt Lot or DLC	Type of USE listed on Certificate	POD(s) or	Date	"CODES" from previous page)	Tw	vp	Rn	g	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
										POU/APOA	26	s	33	E	13	NE	NE	1900, 2000		26.1	IR	Old Well New Well Newest Well	9-10-74
-			1								"	"	"	"	"	NW	NE	2100		28.9	"	"	"
-		+	+							"	"	"	"	"	"	SE	NE	2100, 2200		26	"	"	"
-		+	-							"	"	"	"	"	"	sw	NE	2200		29	"	"	"
+		+	-		-						"	"	"	"	"	NW	SE	"		31.3	"		"
-		+	-		1						"	"	"	"	"	NE	sw	2300		31		"	"
-		-	+							"	"	"	"	"	"	sw	SE	"		31.6	"	"	"
+	+	+	-		-					"	"	"	"	"	"	SE	sw	2300		31.7	"	"	"
-		+	-							"	"	"	34	"	18	sw	NW	400	2	20	IS	"	"
		+	-							"	"	"	"	"	"	NW	sw	700, 1900	3	19.5	IS	"	"
			-							"	"	"	"		"	NE	sw			1.9	IR		"
+		-	-		+	-				"	"		"		"	SE	sw	"		8.7	IS	**	"

#### RECEIVED BY OWRD

Revised 7/1/2013

Additional remarks: N/A.

Permanent Transfer Application Form – Page 8 of 22

MAY 09 2016

TACS

SALEM, OR

T 12378

## Table 2. Description of Changes to Water Right Certificate # 46775

List the change proposed for the acreage in each  $\frac{1}{4}$   $\frac{1}{4}$ . If more than one change is proposed, specify the acreage associated with each change.

The	e list	ing List	that	appears of	on the	certifi	cate BE	or "off" lar FORE PRO right that wi	nds) POSED CHA Il be changed.	ANGES	Proposed Changes (see			Th	e li	sting	PF as it	ROPO would	d appe	the "to ar AF are ma	TER P	on" land ROPOS	ls) ED CHANC	BES
Twp	Rng	s	Sec	1/4 1/4	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Date	"CODES" from previous page)	T	wp	R	ng	Sec	1/4	1/4	Tax Lot	Gvt	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
											POU/POA	26	s	34	Е	19	NW	sw	2100	3	16.6	IR	North Well West Well Middle Well East Well	9-10-74
+	-	-	-	_							"	"	"	"	"	"	NE	sw	2300		2.3	IR	"	"
+	_	-	_								"	"	"	"	"	"	SE	SW	2100		10.9	"		"
++	-	-	-	_							"	"	"	"	"	"	SW	sw	2100	4	20	"	"	
++		+	+																					
++	_	+	-																					
++	_	-	-	_																				
													+		-	-								_
				TOTAI					oposed char					_				OTAL	ACR		335.5			

If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

Additional remarks: N/A.

### RECEIVED BY OWRD

#### MAY 09 2016

Revised 7/1/2013

Permanent Transfer Application Form - Page 9 of 22

SALEM, OR

TACS

I 12378

#### Certificate # 46775

#### For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?  $\boxtimes$  Yes  $\square$  No

If YES, list the certificate, water use permit, or ground water registration numbers: 44942.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) RECEIVED BY OWRD

Ground water supplemental Permit or Certificate # N/A; Surface water primary Certificate # N/A.

MAY 0 9 2016

SALEM, OR

#### For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

#### For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

**Tip**: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx

#### AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
NEWEST WELL	NO		150'	12'		20'		40'	Red Cinders	
WEST WELL	YES	L-118055	220'	12"		20'		40'	Pumice	

12378

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

#### CERTIFICATE # 55569

### **Description of Water Delivery System**

System capacity: 1.48 cubic feet per second (cfs) OR

\_gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. <u>WELL PUMP DRIVES PIVOTS DIRECTLY</u>

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	wp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
MIDDLE	Authorized Proposed	HARN 1428	26	s	34	E	19	NW	SE	2300	70' S, 40' W OF NE COR OF NW/SE 1/4 SEC 19
WEST	Authorized	L-118055			34	"	19	SE	sw	2100	1320' N, 1480' E OF SW COR SEC 19
WELL NORTH WELL	Proposed     Authorized     Proposed	HARN 1426			"	"	"	sw	NE	1900	1230' N, 170'W OF NE COR OF NW/SE 1/4 COR SEC 19
EAST WELL	Authorized Proposed	HARN 1429	"	"	"	"	20	SE	sw	"	17' N, 123' W OF SE/SW 1/4 COR SEC 19

## Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

$\boxtimes$	Place	of Use	(POU)

- Character of Use (USE)
- Point of Diversion (POD)
- Additional Point of Diversion (APOD)
- Surface Water POD to Ground Water POA (SW/GW)
- ] Supplemental Use to Primary Use (S to P)

Point of Appropriation/Well (POA)

Additional Point of Appropriation (APOA)

T

12378

- Substitution (SUB)
  - Government Action POD (GOV)

### Will all of the proposed changes affect the entire water right?

- Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- □ No Complete all of Table 2 to describe the portion of the water right to be changed.

TACS

RECEIVED BY OWRD

MAY 0 9 2016

SALEM, OR

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

## Table 2. Description of Changes to Water Right Certificate # 55569

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

	listing	that a	AUT	HOR rs on	IZED the cer	(the "f	rom" o e BEF(	r "off" lands ORE PROPO	DSED CHAN		Proposed Changes (see			The	list	ting	PR as it v	OPOS would	appea	he "to r AFT re mac	ER PF	on" land	s) ED CHANG	ES
Twp	Rng	only t		art or ]	Tax Lot	Gvt Lot or DLC		ght that will b Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Date	"CODES" from previous page)	Tv	/p	Rr	g	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
											POU/APOA	26	s	34	E	20	sw	NW	1900		.5	IR	North Well West Well Middle Well East Well	4-4-73
-	+	-	-	-	-						"	"	"	"	"	"	NW	sw	2300		28.4	"	"	"
	+	-		-	-	-						"	"	"		"	sw	sw	"		26.9	"	"	"
		-		-	-	-						"	"			19	SE	NE	1900		1.6	"	"	"
		-	-	-	-					-		"				"	NE	SE	2300		37.7	"	"	"
		-	-	+		-							"		"		NW	SE	"		4.4	"	"	"
	++		-		-	-					"		"			"	sw	SE	"		3.6	"	"	"
	++		-	+	+	-								"	"	"	SE	SE	"		15.1	"	"	"
	+	-	-		-	-							T		T									
	+	-	-	+	+										T									
				тот	AL AC	DES	-	-		1			-		-			TOT	AL AC	RES:	118.2	2		

Additional remarks: N/A.

12378

RECEIVED BY OWRD

MAY 0 9 2016

Revised 7/1/2013

TACS

#### SALEM, OR

#### For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?  $\Box$  Yes  $\boxtimes$  No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation) RECEIVED BY OWRD

Ground water supplemental Permit or Certificate # N/A: Surface water primary Certificate # N/A.

MAY 0 9 2016

### For a change from Supplemental Irrigation Use to Primary Irrigation Use

SALEM, OR

Identify the primary certificate to be cancelled. Certificate # N/A

### For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

**Tip**: You may search for well logs on the Department's web page at: http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx

#### AND/OR

 $\boxtimes$ 

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

depth	Diameter	(feet)	(intervals)	(in feet)	(in feet)	basalt, etc.)	water right
220'	12"		20'		40'	Pumice	
	220'	220' 12"	220' 12"	220' 12" 20'	220' 12" 20'	220° 12" 20° 40°	220'         12"         20'         40'         Pumice



I 12378

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

#### CERTIFICATE # 55570

#### **Description of Water Delivery System**

System capacity: <u>.5</u> cubic feet per second (cfs) OR

\_\_\_\_\_gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. <u>WELL PUMP DRIVES PIVOTS DIRECTLY</u>

 Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)

 (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	т	wp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
MIDDLE WELL	Authorized Proposed	HARN 1428	26	s	34	E	19	NW	SE	2300	70' S, 40'W OF NE COR OF NW/SE 1/4 SEC 19
WEST WELL	Authorized Proposed	L-118055	"	"	34	"	19	SE	sw	2100	1320' N, 1480' E OF SW COR SEC 19
NORTH WELL	Authorized Proposed	HARN 1426	"		"	"		sw	NE	1900	1230' N, 170'W OF NE COR OF NW/SE 1/4 COR SEC 19
EAST WELL	Authorized Proposed	HARN 1429	"	"	"	"	20	SE	sw	"	17' N, 123' W OF SE/SW 1/4 COR SEC 19

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

			· · · · · · · · · · · · · · · · · · ·
$\boxtimes$	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	$\boxtimes$	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Substitution (SUB)
	Surface Water POD to Ground Water POA (SW/GW)		Government Action POD (GOV)
Will all	of the proposed changes affect the entir	e wate	er right?
		" lands	s) section of Table 2 on the next page Use the
🗌 No	Complete all of Table 2 to describe the pe		
			RECEIVED BY OWRD
			MAY 0 9 2016

SALEM, OR

12378

TACS

Permanent Transfer Application Form - Page 14 of 22

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

## Table 2. Description of Changes to Water Right Certificate # 55570

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

The	AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CH List only that part or portion of the water right that will be changed								NGES	Proposed Changes (see			The	e lis	ting	PR( as it v	OPOS vould	appea	he "to ar AFT re mac	ER PH	on" land ROPOS	s) ED CHANG	ES
Twp	Rng		y that part	Tax Lot	Gyt			POD(s) or POA(s) (name or number from Table 1)	Date	"CODES" from previous page)	Tw	vр	R	ng	Sec	1/4	1⁄4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
								from Table 1)		POU/APOA	26	s	34	E	19	SE	SE	2300		21.4	IR	North Well Middle Well East Well West Well	5-8-78
-				+	-					"			"		"	sw	SE	"		.6	"	"	"
-		_		-	-					"		"	"		"	SE	sw	2100		18		"	"
-				-	-									1									
-		+		+-	+									$\top$									
-				-										1									
	$\left  \right $	-		-																			
				-																			
		-			+							T		1	T								
-												T	$\top$	1	1								
				TAL AG	PRES.		-					-		_		1	TOT	AL AC	RES:	40			

Additional remarks: N/A.

RECEIVED BY OWRD

MAY 09 2016

Revised 7/1/2013

TACS

SALEM, OR

I 12378

#### Certificate # 55570

#### For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?  $\Box$  Yes  $\boxtimes$  No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

RECEIVED BY OWRD

Ground water supplemental Permit or Certificate # N/A; Surface water primary Certificate # N/A.

MAY 09 2016

SALEM, OR

#### For a change from Supplemental Irrigation Use to Primary Irrigation Use

Identify the primary certificate to be cancelled. Certificate # N/A

#### For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

**Tip**: You may search for well logs on the Department's web page at: <u>http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx</u>

#### AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
WEST WELL	YES	L-118055	220'	12"		20'		40'	Pumice	



T

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

#### **CERTIFICATE # <u>55571</u>**

#### **Description of Water Delivery System**

System capacity: 1.03 cubic feet per second (cfs) OR

gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. WELL PUMP DRIVES PIVOTS DIRECTLY

Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA) (Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Т	wp	R	ng	Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
NORTH WELL	Authorized	HARN 1426	26	s	34	E	19	sw	NE	1900	1230' N, 170' W OF NE COR OF NW/SE 1/4 SEC 19
MIDDLE WELL	Authorized Proposed	HARN 1428	26	s	34	E	19	NW	SE	2300	70' S, 40'W OF NE COR OF NW/SE 1/4 SEC 19
WEST WELL	Authorized Proposed	L-118055	"	"	34	"	19	SE	sw	2100	1320' N, 1480' E OF SW COR SEC 19
EAST WELL	Authorized Proposed	HARN 1429	"	"	"	"	20	SE	sw	"	17' N, 123' W OF SE/SW 1/4 COR SEC 19

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

$\boxtimes$	Place of Use (POU)	Suppl
	Character of Use (USE)	Point

Ш	Point of Diversion	(POD)
---	--------------------	-------

Additional	Point of	Diversion	(APOD	)
Auditional	I Unit UI	Diversion	AUD	

Surface Water POD to Ground Water POA (SW/GW)

Supplemental	Use to	Primary	Use (S to	)
Daint of Amm	mintio		DOAD	

of Appropriation/Well (POA)

- Additional Point of Appropriation (APOA)
- Substitution (SUB)
- Government Action POD (GOV)

#### Will all of the proposed changes affect the entire water right?

- Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the water right to be changed.

#### RECEIVED BY OWRD

MAY 0 9 2016

12378 OR

Permanent Transfer Application Form - Page 17 of

P)

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

## Table 2. Description of Changes to Water Right Certificate # 55571

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.					Proposed Changes (see	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.																	
Twp	Rng	ist only Sec	that part	Tax Lot	Gvt Lot or DLC		-	POD(s) or	Priority Date	"CODES" from previous page)	Ти	vp	R	ng	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
										POU/APOA	26	s	34	E	19	sw	NE	1900		6.4	IR	North Well Middle Well East Well West Well	10-18-78
		-			-						"		"	"	"	SE	NW	1900, 2200		37.4	"		"
	$\left  \right $	-		+	-								"	"	"	sw	NW	2100	2	19	"		"
					+						"		"		"	NW	SE	2300		2.8	"	"	"
				+	-					"		"	"		"	NE	sw	"		3	"	"	"
		-										"		"	"	sw	SE	"		5.5	"	"	"
	+				-					u		"		"	"	SE	sw	2100		8.3	"	"	"
$\vdash$	+			+	+						T	T											
$\vdash$		-			-																		
$\vdash$					+						T												
<u> </u>			тот		DES	-						_	-		-	-	TOTA	AL AC	RES:	82.4			

Additional remarks: N/A.

#### RECEIVED BY OWRD

MAY 0 9 2016

TACS

SALEM, OR

Revised 7/1/2013

T 12378

Permanent Transfer Application Form - Page 18 of 22

#### Certificate # 55571

#### For Place of Use or Character of Use Changes

Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands?  $\Box$  Yes  $\boxtimes$  No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate # N/A;	RECEIVED BY OWRD
Surface water primary Certificate # <u>N/A.</u>	MAY 09 2016
For a change from Supplemental Irrigation Use to Primary Irrigation Use	
Identify the primary certificate to be cancelled. Certificate # $N/A$	SALEM, OR

#### For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.

**Tip:** You may search for well logs on the Department's web page at: <u>http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx</u>

#### AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
WEST WELL	YES	L-118055	220'	12"		20'		40'	Pumice	



Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

#### CERTIFICATE # 85182

#### **Description of Water Delivery System**

System capacity: 1.025 cubic feet per second (cfs) OR

gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. <u>WELL PUMP DRIVES PIVOTS DIRECTLY</u>

# Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tv	vp	R	ng	Sec	1/4	1⁄4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
EAST WELL	Authorized Proposed	HARN 1429	"	"		"	20	SE	SW	"	17' N, 123' W OF SE/SW 1/4 COR SEC 19
MIDDLE	Authorized	HARN 1428	26	s	34	E	19	NW	SE	2300	70' S, 40'W OF NE COR OF NW/SE 1/4 SEC 19
WEEE WEST WELL	Authorized	L-118055		"	34	"	19	SE	sw	2100	1320' N, 1480' E OF SW COR SEC 19
NORTH	Authorized	HARN 1426		"	"	"		sw	NE	1900	1230' N, 170'W OF NE COR OF NW/SE 1/4 COR SEC 19

Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):

$\boxtimes$	Place of Use (POU)		Supplemental Use to Primary Use (S to P)
	Character of Use (USE)		Point of Appropriation/Well (POA)
	Point of Diversion (POD)	$\boxtimes$	Additional Point of Appropriation (APOA)
	Additional Point of Diversion (APOD)		Substitution (SUB)
	Surface Water POD to Ground Water		Government Action POD (GOV)
_	POA (SW/GW)		

### Will all of the proposed changes affect the entire water right?

- Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the water right to be changed.

RECEIVED BY OWRD

#### MAY 09 2016

Permanent Transfer Application Form - Page 20 of 22

SALEM, OR

12378

T

TACS

Please use and attach additional pages of Table 2 as needed. See page 6 for instructions.

Do you have questions about how to fill-out the tables? Contact the Department at 503-986-0900 and ask for Transfer Staff.

#### Table 2. Description of Changes to Water Right Certificate # 85182

List the change proposed for the acreage in each 1/4 1/4. If more than one change is proposed, specify the acreage associated with each change. If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

The	AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGE List only that part or portion of the water right that will be changed.					NGES	Proposed Changes (see	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.																
Twp	Rng	Sec	1/4 1/4	Ta	X L	Gvt Lot or DLC	Acres	T CUCE	DOD(a) or	Priority Date	"CODES" from previous page)	Tv	vp	Rn	ıg	Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date
											POU/APOA	26	s	34	E	20	sw	SE	2300		18.4	IR	North Well Middle Well East Well West Well	3-10-92
	-	+		1	1		-				"		"	"		"	SE	sw	"		15.9	"	"	"
-		1		-	1								"	"	"	29	NW	NE	"		9.7		"	"
+	+	+		+	+						"		"	"	"	19	NW	SE	2300		2.7	"	"	"
+	-	-		+	+									"		"	NE	sw	"		31.8		ii.	"
+		+			+						"		"	"	"	"	NW	sw	2100	3	3.5	"	"	"
																				-				
																				-				
_				_	_													-		-				
				ALA													ļ,		L ACI	RES:	82			

Additional remarks: N/A.

#### RECEIVED BY OWRD

MAY 0 9 2016

TACS

SALEM, OR

Revised 7/1/2013

12378

Permanent Transfer Application Form - Page 21 of 22

#### For Place of Use or Character of Use Changes

# Are there other water right certificates, water use permits or ground water registrations associated with the "from" or the "to" lands? $\Box$ Yes $\boxtimes$ No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

# For Substitution (ground water supplemental irrigation will be substituted for surface water primary irrigation)

Ground water supplemental Permit or Certificate # <u>N/A;</u> Surface water primary Certificate # <u>N/A.</u>

### For a change from Supplemental Irrigation Use to Primary Irrigation Use MAY 09 2016

Identify the primary certificate to be cancelled. Certificate # N/A

SALEM. OR

#### For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:

Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map.
 Tip: You may search for well logs on the Department's web page at: <a href="http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx">http://apps.wrd.state.or.us/apps/gw/well\_log/Default.aspx</a>

#### AND/OR

Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide "a best estimate" for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

#### Table 3. Construction of Point(s) of Appropriation

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? ((Yes or No)	If an existing well: OWRD Well ID Tag No. L-	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). <u>If</u> less han full rate of water right
WEST WELL	YES	L-118055	220'	12'		20'		40'	Pumice	



### Application for Water Right Transfer Evidence of Use Affidavit



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

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

State of Oregon )

County of HARNEY)

I, JOHN A. SHORT, in my capacity as WATER RIGHT SPECIALIST,

mailing address PO BOX 1830 BEND, OR 97709

telephone number (541)389-2837, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):

Personal observation Professional expertise

2. I attest that:

Water was used during the previous five years on the **entire** place of use for Certificate # <u>46775, 55569, 55570, 55571, 85182</u>; **OR** 

] My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	1/4 1/4	Gov't Lot or DLC	Acres (if applicable)
			-				
					-		

OR

Confirming Certificate # \_\_\_\_\_ has been issued within the past five years; OR

- Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: \_\_\_\_\_ (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion <u>not</u> leased instream.); OR
- The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
- Water has been used at the actual current point of diversion or appropriation for more than 10 years for Certificate # \_\_\_\_(For Historic POD/POA Transfers)
   RECEIVED BY OWRD

(continues on reverse side)

MAY 0 9 2016

T 12378

SALEM, OR

Evidence of Use Affidavit - Page 1 of 2

- 3. The water right was used for: (e.g., crops, pasture, etc.): CROPS
- 4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

pature of Affiant

5-3-2016 Date

Signed and sworn to (or affirmed) before me this 3 day of May, 20 16.

	OFFICIAL SEAL
	JILL R SHAFFER
Seas	NOTARY PUBLIC-OREGON COMMISSION NO. 479767
MYCOM	MISSION EXPLOSE
State attributential from the	MISSION EXPIRES JULY 21, 2017

Notary Public for Oregon

)

My Commission Expires:

Supporting Documents	Examples
Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of <b>confirming</b> water right certificate that shows issue date
Copies of receipts from sales of irrigated crops or for expenditures related to use of water	<ul> <li>Power usage records for pumps associated with irrigation use</li> <li>Fertilizer or seed bills related to irrigated crops</li> <li>Farmers Co-op sales receipt</li> </ul>
Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul> <li>District assessment records for water delivered</li> <li>Crop reports submitted under a federal loan agreement</li> <li>Beneficial use reports from district</li> <li>IRS Farm Usage Deduction Report</li> <li>Agricultural Stabilization Plan</li> <li>CREP Report</li> </ul>
Aerial photos containing sufficient detail to establish location and date of photograph	Multiple photos can be submitted to resolve different areas of a water right.         If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.         Sources for aerial photos:         OSU –www.oregonexplorer.info/imagery         OWRD – www.wrd.state.or.us         Google Earth – earth.google.com         TerraServer – www.terraserver.com
Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number

#### RECEIVED BY OWRI

MAY 0 9 2016

SALEM, OR

T 12378

Revised 2/5/2010

Evidence of Use Affidavit - Page 2 of 2

FS





### Land Use **Information Form**



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

### NOTE TO APPLICANTS

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

#### This form is NOT required if:

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

### NOTE TO LOCAL GOVERNMENTS

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

#### RECEIVED BY OWRD

#### MAY 0 9 2016

SALEM, OR

WR/FS

Land Use Information Form - Page 1 of 3

### Land Use Information Form



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

Applicant(s): MARTIN THOMPSON

Mailing Address: 53743 HWY 78

City: BURNS

Zip Code: 97720-9482

Daytime Phone: \_\_\_\_\_

#### A. Land and Location

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

Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)		Water to be:		Proposed Land Use:
<u>26 S</u>	<u>33E</u>			$\frac{1900,2000}{2100,2200}$ $\frac{2300}{2300}$	EFRU-2	Diverted Diverted	Conveyed	🛛 Used	<u>FARMING</u>
-	<u>34E</u>			<u>400, 700,</u> 1900,	EFRU- 1	Diverted 🛛	Conveyed	🛛 Used	<u>"</u>
<u>"</u>	" _			2100,2200 2300	EFRU-1	Diverted	Conveyed	Used Used	-

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

State: OR

HARNEY COUNTY		

#### **B. Description of Proposed Use**

Type of application to b Permit to Use or Sto Limited Water Use I	re Water 🛛 W	Vater Resources Depar ater Right Transfer llocation of Conserved W	L Per	rmit Amendment or Ground change of Water		Modification RECEIVED BY OW
Source of water: Re	servoir/Pond	Ground Water	Surface Wate	er (name)		
Estimated quantity of w	vater needed: 8.04	45 🛛 cubic fee	t per second	gallons per minute	acre-feet	MAY 09 2016
Intended use of water:	Irrigation	Commercial Quasi-Municipal	Industrial	Domestic for	household(s	SALEM, OR
Briefly describe:						
TRANSFERRING	<u>3 WATER TO</u>	MORE PRODUC	TIVE GROU	UND		
Note to applicant: If the representative sign the	he Land Use Info receipt at the bot	rmation Form cannot tom of the next page a	be completed v nd include it w	vhile you wait, please ha vith the application filed	ve a local governm with the Water Re	nent sources
Department.						

See bottom of Page 3.  $\rightarrow$ Land Use Information Form - Page 2 of 3

Revised 2/8/2010

WR/FS

### For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

### Please check the appropriate box below and provide the requested information

☑ Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): HCZO 3.010 & 3.020/ EFRU-1 & EFRU-2

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

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

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

Name: Brandon McMullen

Title: Planning Director

Signature: M.M.U

Phone: (541)573-6655 Date: 5/2/2016

Government Entity: Harney County

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

#### **Receipt for Request for Land Use Information**

Applicant name:		
City or County:	Staff contact:	
Signature:	Phone:	Date:
		RECEIVED BY OWRD
Revised 2/8/2010	Land Use Information Form - Page 3 of 3	MAY 09 2016 WR/FS
		SALEM OR 12378

May 3, 2016

West Well (L-118055)

This well was drilled in 2015 by White Water Well Drilling, Creswell, OR and does not yet show up in OWRD's well log listings.

#### **RECEIVED BY OWRD**

MAY 09 2016

SALEM, OR

P.O. Box 1830 Bend, OR 97709 Water Right Services, LLC John A. Short CCB# 197121 541-389-2837 I 12378

johnshort@usa.com www.oregonwater.us

WATER WELL REPORT	DEC22 1981	65	332-	- <u> </u> 3dq
Harry	SAL , OREGON			
(I) UWNER:		umber		
Name Nevin Thompson	tours Harney		E	W.M.
Address Princeton, Oregon			division	
City State	Tax Lot #         Lot         Bik           Address at well location:			
(2) TYPE OF WORK (check):	Address at wen rocation.			
New Well Deepening C Reconditioning Abandon C	(11) WATER LEVEL: Completed w	.11	1	
If abandonment, describe material and procedure in Item 12.	- · · · · · · · · · · · · · · · · · · ·	-		
	Depth at which water was first found 28			ft.
	Static level			3-10-8
Rotary Air Driven Domestic Industrial Municipal I	Artesian pressure Ibs. pe.	square in		
Mul []     Dug     []     Irrigation     []     Test Well     []     Other     []       X     Bored     []     Thermal:      Withdrawal     []     Reinjection     []	(12) WELL LOG: Diameter of well below	asing		
	Depth drilled 170 ft. Depth of o	ompleted	well 1	70 ft.
(5) CASING INSTALLED: Steel E Plastic Threaded Welded 12. "Diam. from 0 ft. to 91 ft. Gauge	Formation: Describe color, texture, grain size and stru- thickness and nature of each stratum and aquifer penet for each change of formation. Report each change in p and indicate principal water-bearing strata.	rated, wit	Static W	t one entry later Level
LINER INSTALLED:	MATERIAL	From	То	SWL
	sandy loam	0	2	
	clay, brown / gravel, brown, f	ine 2	16	
(6) PERFORATIONS: Perforated?  Yes X No	clay, brow yellow	16	28	
Type of perforator used in. by in.	clay, brown/sand, brown, med.	2836	36	
Size of perforations he by	sand, brown, med	36	41_	28
perforations from ft. to ft.	conglomerate(brown cinder/red_	clay4	46	
	cinder, red med	46	91	31
perforations from ft. to ft.	basalt, black	91	94	31
(7) SCREENS: Well screen installed?  Ves  No	clay, red	94	99	31
Manufacturer's Name	cinder, red, med	99	108	31
Type Model No	basalt, red	108	116	31
Diam	clay, red	116	117_	31
Diam	cinder, brown, med	117	124	31
(8) WELL TESTS: Drawdown is amount water level is lowered below static level	basalt, brown	124	131	31
	cinder, brown/sand, brown, fin	e 131	152	31
a pump test made? A Yes D No If yes, by whom? driller	lava rock, red (soft)	152	157	31
Yield: 775 gal/min. with 22 ft. drawdown after 3 hrs.	sand, brown, coarse	157	159	31
// v // //	lava rock, red	159	169	31
Air test gal./min. with drill stem at ft. hrs.	sand, red, med	169	172	31
Bailer test gal./min. with ft. drawdown after hrs.				
sian flow g.p.m.		1		
Temperature of water 70 Depth artesian flow encountered ft.	Work started Febr. 18 19 80 Comple	ted Ap	ril 1	
(9) CONSTRUCTION: Special standards: Yes D No 12	Date well drilling machine moved off of well	Apri	1 12	1980
Well seal-Material used	Drilling Machine Operator's Certification:			
Well sealed from land surface to	This well was constructed under my direct	supervis	ion. Ma	terials used
Diameter of well bore to bottom of seal 1.6 in.	and information reported above are true to my	best kno	wledge	and belief.
Diameter of well bore below seal12	[Signed]	Dat	Apri	L-1398
Number of sacks of cement used in well seal	Drilling Machine Operator's License No.	331		
How was cement grout placed?from. bottom.up. through				
tremie pipe	Water Well Contractor's Certification:	1.00		
	This well was drilled under my jurisdiction the best of my knowledge and belief.	on and th	us repoi	rt is true to
Was pump installed?		ratio	Co	
Was a drive shoe used? 🕱 Yes. 🗆 No  Plugs	Name Oetter. Drilling & Irri			
Did any strata contain unusable water?  Yes P No	Address P. O. Box 876 Grane	re97	732	
Type of Water? depth of strata	1 11 11++			
Method of sealing strata off	(Water Well Contra	actor)		
Was well gravel pecked? Yes & No Size of gravel:	Contractor's License No77.3 Date Ap	ril13	3	, 19.80
Gravel placed from ft. to ft.	TRADUCT CENTRONE CENTRAL			SP*12658-690
NOTICE TO WATER WELL CONTRACTOR The original and first copy of this report are to be filed with the	WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.			

26/33-13 1(1) WATER WELL REPORT ORIGINAL State Well No. File Original and Duplicate with the OBSERVATION WELL STATE OF OREGON STATE ENGINEER, OREGON State Permit No. 6408 Drawdown is amount water level is lowered below static level (11) WELL TESTS: (1) OWNER: R. ThomPso As a pump test made? Yes □ No If yes, by whom? BRE90N Yield: 1000./min. with ft. drawdown a Name ft. drawdown after Address hrs. ,, .. ... .. ... ... (2) LOCATION OF WELL: Bailer test gal./min. with ft. drawdown after hrs. County HARNEY Owner's number. if any-Artesian flow g.p.m. Date 1.26 St. 33 1/4 Section 34 Temperature of water Was a chemical analysis made? Tes No Bearing and distance from section or subdivision corner 14 (12) WELL LOG: Diameter of well .. inches. ft. Depth of completed well 10"5" Depth drilled /08 ft. Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation. ELEV. -MATERIAL FROM TO 0 **TYPE OF WORK (check):** LLO New Well Deepening 🗌 Reconditioning [] Abandon [] If abandonment, describe material and procedure in Item 11. Va OCK. RS WATER. Ω PROPOSED USE (check): (5) TYPE OF WELL: ROCK LAVA Rotary 🛛 Driven mestic 🔲 Industrial 🔲 Municipal 🗍 SIN DERS.WATE ARSE Cable Jetted ation 🕅 Test Well 🛛 Other RED CAZY Dug Bored ELLO ROCK 71 (6) CASING INSTALLED: Threaded [] Welded ELLOCL24 70 83 ft. Gage ROCK 8 3 103 " Diam. from .. ft. to . ... ft. Gage SENDERSWATER 108 15 " Diam. from ... . ft, to .. ..... ft. Gage Perforated? XYes D No (7) PERFORATIONS: Type of perforator used RECEIVE DBY -<del>OW</del>RE SIZE of perforations in. by in. ft. to ft. .. perforations from 2016 MAY ft. to ft. ... perforations from .... ft. ... ft. to ... perforations from ..... perforations from ...... ..... ft. to ... ft. perforations from . . ft. to ft. SCREENS: Well screen installed [] Yes XNo NGINE SALEM, OREGO ufacturer's Name . Type Model No. . Diam. ...... ft. to ... ft ..... Slot size ... .Set from ..... 14 1926 Completed 2 Work started 12 195 ..... Slot size .... Set from .. ft to ft. ٨. . (13) PUMP: **CONSTRUCTION:** as well gravel packed? 🗌 Yes 🕱 No Size of gravel: ... Manufacturer's. Nam нр. 2,5 Gravel placed from ..... ..... ft. to ..... .... ft. Type: .... Was a surface seal provided? [] Yes KNo To what depth? Well Driller's Statement: Material used in seal-This well was drilled under my jurisdiction and this report is Did any strata contain unusable water? 🔲 Yes 🙀 No true to the best of my knowledge and belief. Depth of strata Type of water? NAME JACK MECLURE Method of sealing strata off. nrint (10) WATER LEVELS: Address CR2NE EGON Static level 43 ft. below land surface Date 2/14/57 Artesian pressure lbs. per square inch Date Driller's well number Log Accepted by: [Signed] Date [Signed] . 19.1 License No. .... ... 1957 (USE ADDITIONAL SHEETS IF NECESSARY) - -

filed with the STATE OF OR		105 3	AE-	-190
Mary	e this ineTER RESOURCES I PET.			
(1) OWNER.	(10) LOCATION OF WELL: County Harney Driller's well num	iber	.1	W.M.
	SW 1/4 / E 1/4 Section # T. 26 I Bearing and distance from section or subdivision	n corner	7	
(2) TYPE OF WORK (check):	1100			
Abandon [				
New Well Deepening Reconditioning I for the second terms I for the s	(11) WATER LEVEL: Completed we	11.		
	Depth at which water was first found	70		ft.
(3) IIIE OF WILLIE (1)	Static level 50 ft. below land su	rface. D	ate	
Bottery D Ditted D Domestic D Industrial C manager	Artesian pressure lbs. per square	inch. D	ate	
CASING INSTALLED: Threaded D Welded	(12) WELL LOG: Diameter of well b	elow casi	ng/	2
2." Diam. fromO_ ft. to 10741" ft. Gage : 260	Depth drilled 1/2 ft. Depth of comple		11:	2 ft.
" Diam. from	tenture grain size a	nd struct	ure of m	aterials;
	and show thickness and nature of each structure with at least one entry for each change of format position of Static Water Level and indicate prin			
PERFORATIONS: Perforated?  Yes No.	MATERIAL	From	To	SWL
Type of perforator used		0	3	
Size of perforations in. by in.	Topsoil	. 7	50	
perforations from ft. to ft.	YellowClay	50	80	70
perforations from ft. to ft.		80	90	70
perforations from ft. to ft.	installed? Ves & No Gray basal T 105 110 70			
	Quar hasalt	105	110	70
	Loose Cinder red	110	112	50
Manufacturer's Name	Arose Crister			
Diam. Slot size				
Diam. Slot size		ECEI	VED	BY OI
Drawdown is amount water level is				
(8) WELL TESTS: Iowered below static level Was a pump test made? Wes I No If yes, by whom? Self		M	AY 0 9	2016
Vield: 1000 gal./min. with 50 ft. drawdown after 3 hrs.				
Yield: 1000 gai./min. with 30 H. drawdown area	+	1	ALEN	OP
· · · · · · · ·		-	ALEA	, 01
<b>T</b>				
Bailer test gal/min. with it data and a				
Artesian flow g.p.m.	Work started 5/16 1977 comple	ted L	117	197
Temperature of water 50 Depth artesian flow encountered ft.		1.1	7	197
(9) CONSTRUCTION:	Date well drilling machine moved off of well	4/1	1	
Well seal-Material used Cement	Drilling Machine Operator's Certification	l: dince	+ cuno	ruisio
Well seal-Material used <b>CONCINCTION</b> Well sealed from land surface to <b>20</b> ft.	This well was constructed under m Materials used and information reported	d above	are tru	ie to n
Well sealed from land surface to	Last here and hard a state of the			
Diameter of well bore to bottom of seal in.		. Date 4		
Number of sacks of cement used in well seal	Drilling Machine Operator's License No	2	69	
Number of sacks of bentonite used in well seal sacks	Diffing machine Operators Encouse no			
Brand name of bentonite	Water Well Contractor's Certification:			
Number of pounds of bentonite per 100 gallons	This well was drilled under my juris true to the best of my knowledge and h	diction a elief.	and this	report
was a drive shoe used? № Yes □ No Plugs Size: location ft.	(Tacshara S. S	2V		
Did any strata contain unusable water? 🖸 Yes 😭 No	(Person, firm or corporation)	2005	Type or p	orint)
	Address Crane, Une	90	16	
Table of water	In han 215. These	lista	(	
Method of sealing strata off	[Signed] (Water Well Co	ntractor)	7-	
The second and a st Ver I' No Circ of dravely				
Was well gravel packed? Yes I No Size of gravel:	Contractor's License No. 272. Date	6/1	17	, 19.

EUEIVEWATER WELL REPORT ORIGINAL. File Original Duplicate wi STATE OF OREGON OBSERVA APR 17 1957 STATE ENGINEER Drawdown is amount water level is lowered below static level / (11) WELL TESTS: (1) OWNER: SALEM. OREGON Was a pump test made? 🛛 Yes 📋 No If yes, by whom? Name 0 ave, Yield: 1100 gal./min. with ft. drawdown after Address TO hrs. ... ... (2) LOCATION OF WELL: Bailer test gal./min. with ft. drawdown after hrs. Harrey Owner's number, if any-County g.p.m. Date Artesian flow 3/4 1/4 Section т. R W.M. Temperature of water Was a chemical analysis made? 🔲 Yes No No Bearing and distance from section or subdivision corner 5 and 60' W From NECor. of NW SE 1.0' 14 (12) WELL LOG: Diameter of well ... inches. of 5 19. TWP 26 S.R. 34 FW14 Depth drilled 130 ft. Depth of completed well ft. B. 80'5. 50° 27'W From NF Cor. of NW SE Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation. of See 19 TW12265. R. 34 E.W.M. MATERIAL FROM TO 6 0 **TYPE OF WORK (check):** 14 Well X Abandon 🖸 Deepening Reconditioning □ fidonment, describe material and procedure in Item 11. Wid 104 1C (4) PROPOSED USE (check): (5) TYPE OF WELL: Driven Rotary vtic 🔲 Industrial 📋 Municipal 📋 R Cable ion 🕱 Test Well 🗆 Other FLLSW C. Bored Dug RIVER SON (6) CASING INSTALLED: Threaded D Welded 14 "Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_. " Diam. from ..... .... ft. to ...... ft. Gage . ft. to ..... " Diam. from .... ... ft. Gage Perforated? XYes Z No (7) PERFORATIONS: RECEIVED BY Type of perforator used SIZE of perforations in. by in. 25 ft. to .... perforations from ... ft. 5 5 ft. to ft perforations from perforations from . ft. to ft. ft. . perforations from ... ft. to ALEM OP ft. ... perforations from ..... .... ft. to ... Well screen installed I Yes XNo > SCREENS: facturer's Name Model No. . ..... ft. to Slot size Set from ..... ft. Work started 3 1957 Completed H 1927 Diam. Slot size .... .... Set from ..... ... ft. to . ft. (13) PUMP: CONSTRUCTION: well gravel packed? [] Yes X No Size of gravel: ..... Manufacturer's Name vel placed from ..... ft. to ..... ft. Type: ... H.P. .. Was a surface seal provided? 
Yes X No To what depth? Material used in seal-Well Driller's Statement: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. ADid any strata contain unusable water? 🔲 Yes 🕱 No Type of water? Depth of strata Method of sealing strata off NAME . (10) WATER LEVELS: 20N Address ft. below land surface Date 4/62/57 32 Static level lbs. per square inch Date Artesian pressure Driller's well number Log Accepted by: [Signed] (Owner) Date april [Signed] L.E. 18 19.5 Date License No. . (USE ADDITIONAL SHEETS IF NECESSARY)

STATE ENGINEER Salem, Oregon

			26/211	-19	K(I)
State	Well	No.	26/34		

County Harney

Application No. <u>G500</u>

### Water Level Record

OWNER: L.E.	Jones	OWNER'S NO.	
Description of measu	mp' ring point: Top of	casing 0.5' above LSD.	

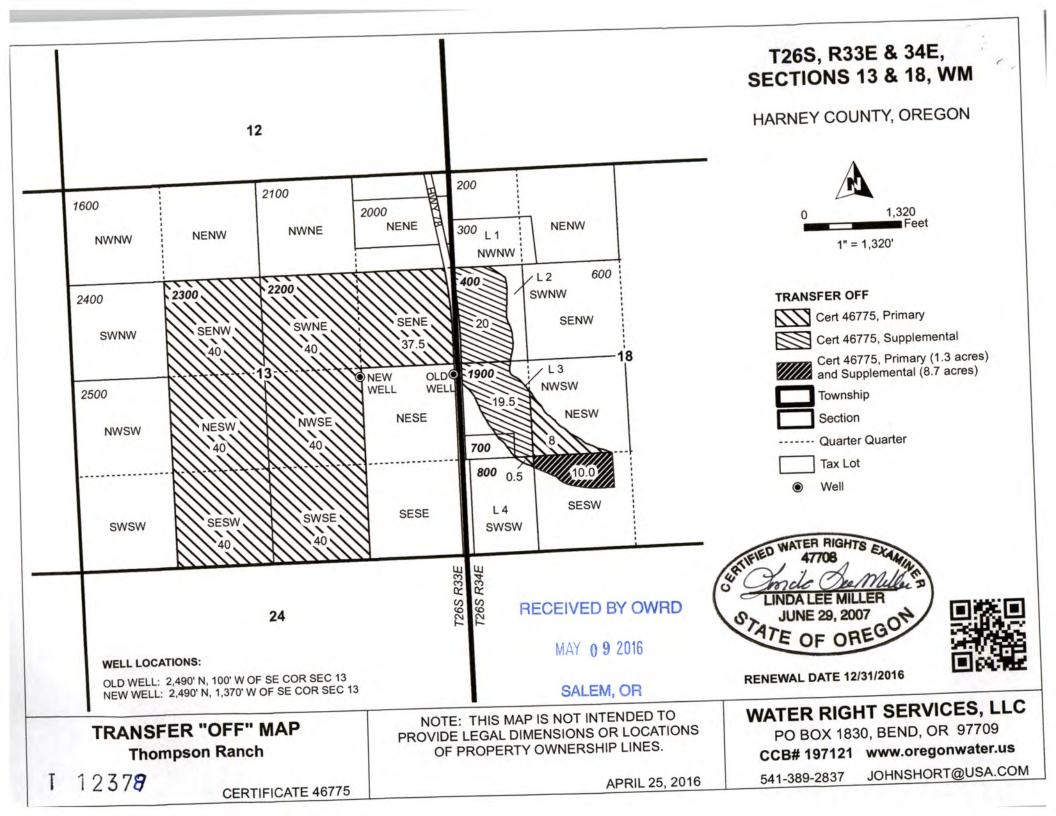
Mp 2 Lip of acess pipe 1.5' above LSD.

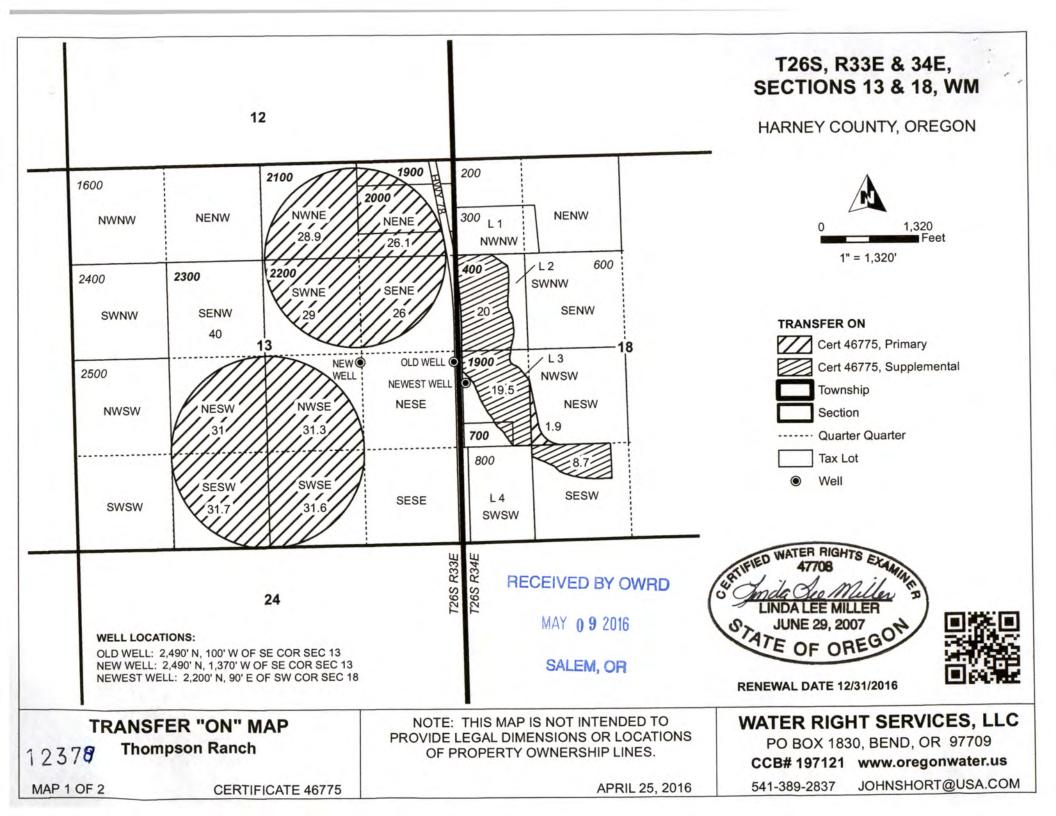
Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level (above) Feet (below) Land Surface	Remarks
.10-59	23,95				
2-8-59	2497				
5-10-60	24.97				
2-13-60	25.75				
6-10-61	25,80				
12-11-61	26.25	JS RO			
		-			
					RECEIVED BY OWRE
					MAY 09 2016
					SALEM, OR
REMARK	S:				
		Sta	ate Printing 89314	<b>FO</b>	7

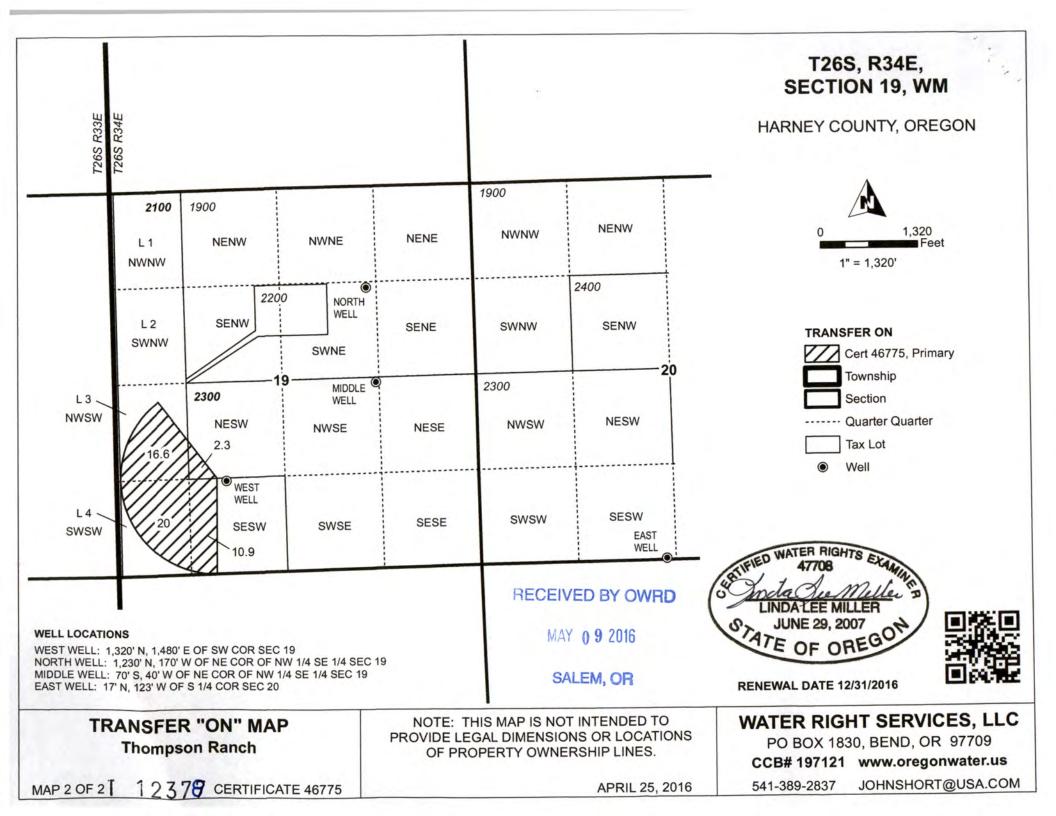
Address       Star Rt. 2       3561 Hwy 78         City       Princeton,       StateOre.       Zip         (2)       TYPE OF WORK:       Recondition       Abandon         (2)       TYPE OF WORK:       Recondition       Abandon         (3)       DRILL METHOD       Recondition       Abandon         (3)       DRILL METHOD       Cable       Image: Cable       Image: Cable         Other       Other       Image: Cable       Image: Cable <th><ul> <li>Section</li></ul></th> <th>Latitude Nor S, Range SE 4 Lot Block Vell (or nearest address) en E of Hwy and VATER LEVEL below land surface. be per squ</th> <th>SW 10. mi.</th> <th> ¼ Subdi les SE</th> <th>ivision S of I</th> <th></th>	<ul> <li>Section</li></ul>	Latitude Nor S, Range SE 4 Lot Block Vell (or nearest address) en E of Hwy and VATER LEVEL below land surface. be per squ	SW 10. mi.	¼ Subdi les SE	ivision S of I	
(2) TYPE OF WORK:         New Well       Deepen         Rotary Air       Recondition         (3) DRILL METHOD         Rotary Air       Rotary Mud         Other         Other         (4) PROPOSED USE:         Domestic       Community         Industrial       Irrigation         Other       Other         (5) BORE HOLE CONSTRUCTION:         Special Construction approval       Yes         Yes       No         Depth of Completed Well       175	Tax Lot	LotBloch Well (or nearest address) en F. of Hwy an VATER LEVEL below land surface.	10 mi.	Subdi les SE	ivision	
New Well       Deepen       Recondition       Abandon         (3) DRILL METHOD         Abardon       Cable         Other       Cable         Other       Cable         Domestic       Community       Industrial         Domestic       Community       Industrial         BORE HOLE CONSTRUCTION:       Special Construction approval       Yes         Yes       No       Depth of Completed Well       175	on <u>Hwy 78</u> , the (10) STATIC V 40 ft. Artesian pressure (11) WATER E	en F. of Hwy and VATER LEVEL: below land surface.	prox	les SF 2 mil	ivision_ G of 1	
(3) DRILL METHOD	on <u>Hwy 78</u> , the (10) STATIC V 40 ft. Artesian pressure (11) WATER E	en F. of Hwy and VATER LEVEL: below land surface.	prox	2 mi]		Burn
Rotary Air       Rotary Mud       Cable         Other	$= \frac{\underline{140}}{\underline{11}} \text{ ft.}$	below land surface.			les.	
(4) PROPOSED USE:         Domestic       Community         Industrial       Irrigation         Image: Special Construction approval Yes No       Other         Yes No       E	Artesian pressure			Data	11-20	0-87
Domestic       Community       Industrial       Irrigation         Image: second construction approval Yes       No       Depth of Completed Well 175         Yes       No       Image: second construction approval Yes			are inch.			
(5) BORE HOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well <u>175</u>		BEARING ZONE	_			
Special Construction approval Yes No Depth of Completed Well 1/5	Depti at which water wa					
Yes No	From	To	Estir	nated Flow	Rate	SWL
Explosives used 🔲 🖾 Type Amount	145	175		500 gp	m	40
	-					
HOLE SEAL Amount Semeter From To Material From To sacks or pounds				_		
16" 0 18 cement 0 18 12 sacks	(12) WELL LO	G: Ground elevat	ion 117	50		
12" 18 175	-	Material		From	To	SWI
How was seal placed: Method A B B C D B	- Soil			0	5	0
Other	- Clay, tan			20	20	0
Backfill placed from ft. to ft. Material	- Sandstone,	brn	.3	40	70	0
Gravel placed from ft. to ft. Size of gravel	Clay, brn			70	85	0
(6) CASING/LINER:	Gravel w/ s	and		85	130	
Diameter         From         To         Gauge         Steel         Plastic         Welded         Threade           Casing:         12 <sup>11</sup> +1         110         .250         Image: Casing: C	d <u>Clay, brn</u> Sandstone,	brn.		130	135	
	Pumice, wat			11,5	175	
Liner:				-	-	+
Final location of shoe(s)1O	=		-			
(7) PERFORATIONS/SCREENS: NO		14741-0	R	CEI	ED	BY C
Perforations Method	-				-	-
Slot Tele/pipe	-			MAY	09	2016
From To size Number Diameter size Casing Liner						-
				SA	LEM,	OR.
		2 07	_	11 00	07	
	Date started	.1-07 .Con	npleted _	11-20-	-07	
(8) WELL TESTS: Minimum testing time is 1 hour		Well Constructor Co			10 10 00 00	
Pump Bailer XX Air Artesian	abandonment of thi	he work I performed of s well is in complian used and information	ce with	Oregon v	well con	structi
Yield gal/min Drawdown Drill stem at Time	knowledge and belief.			WWC Nu	mbor	
<u>500</u> 0 175 1hr.	- Signed			Date	moer	
		ell Constructor Cert				
Temperature of water68 Depth Artesian Flow Found	I accept respons	sibility for the constructor Certa his well during the cor			an abau	damm

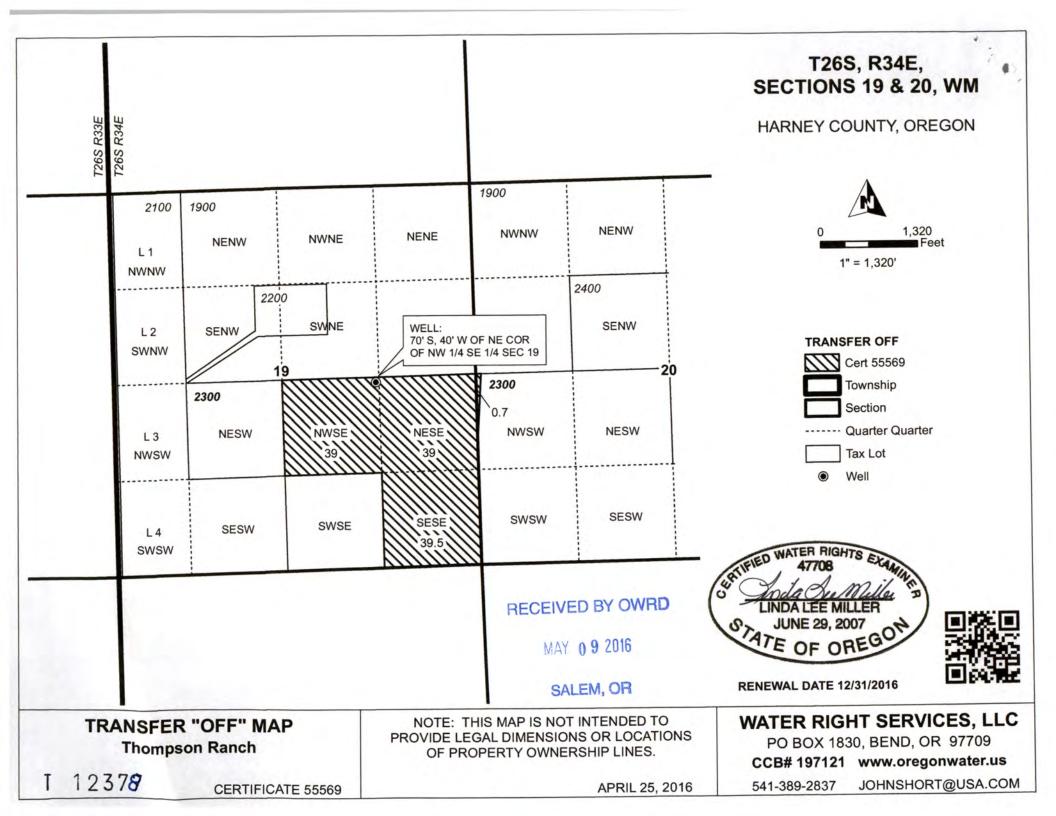
T 12378

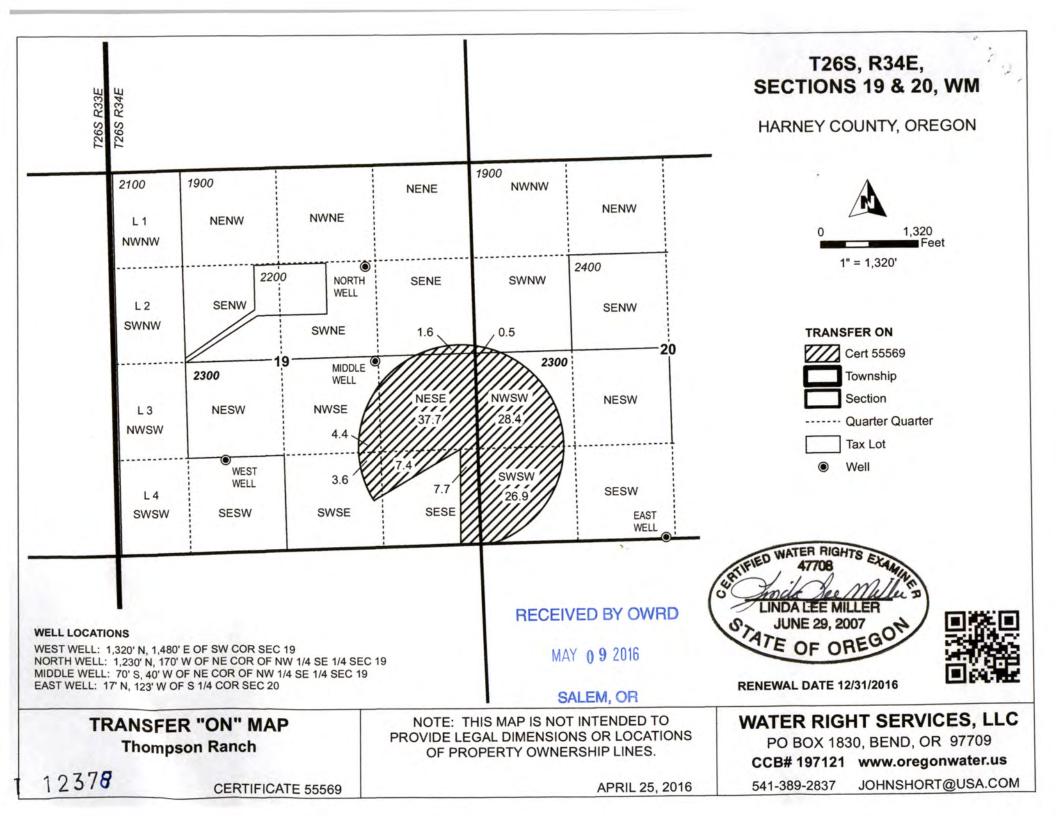
2

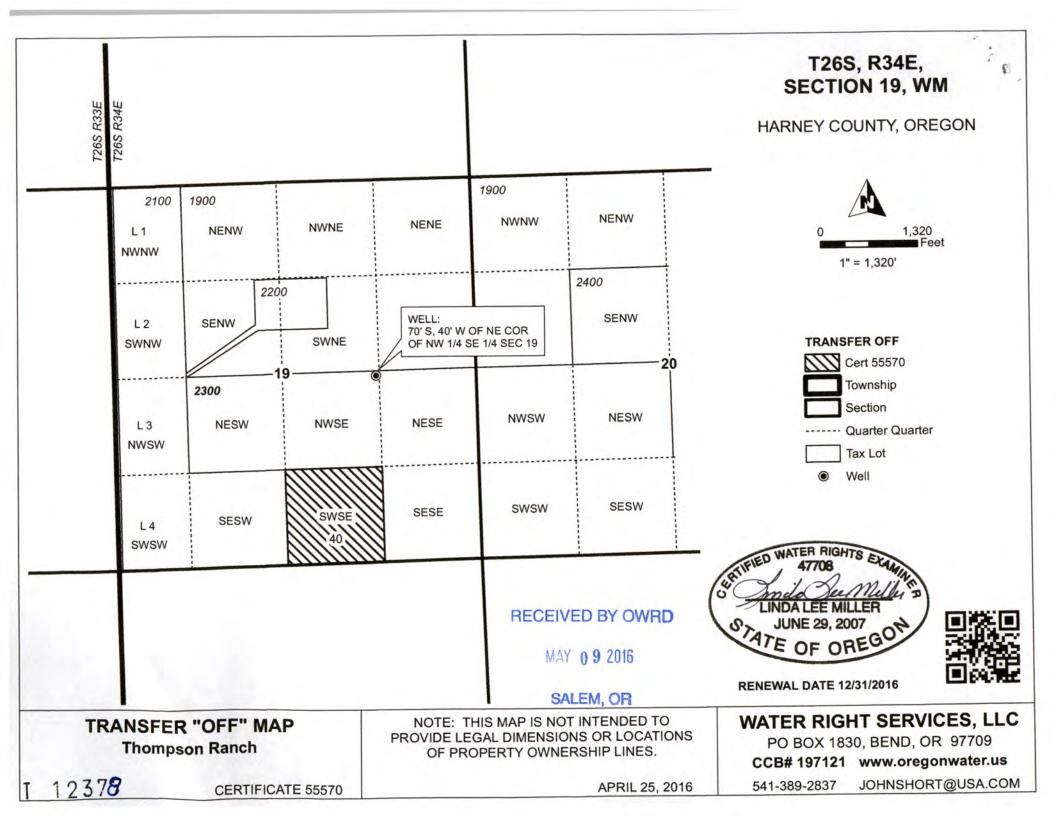


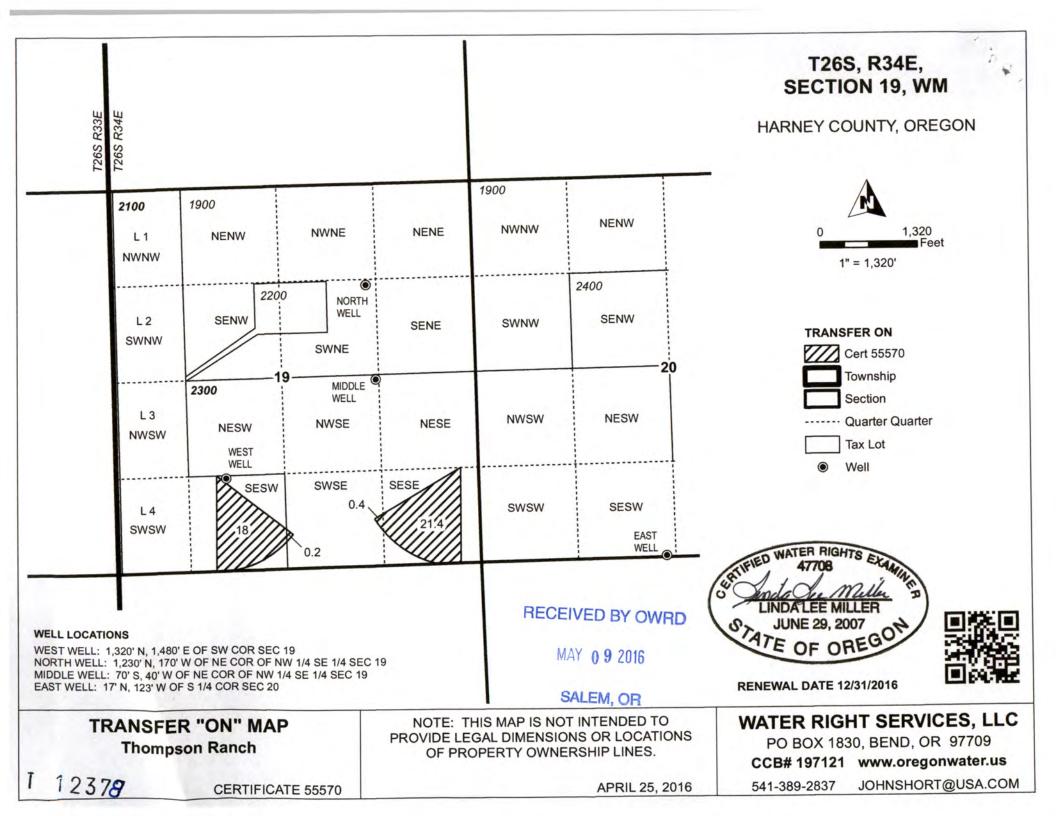


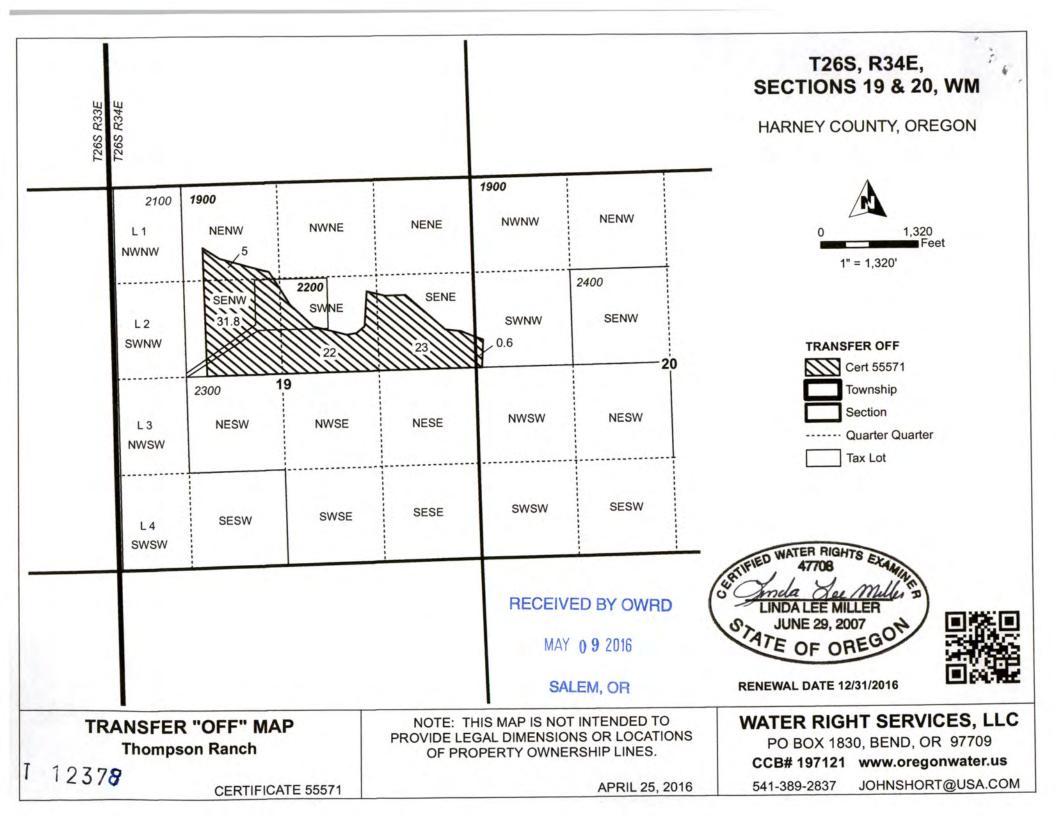


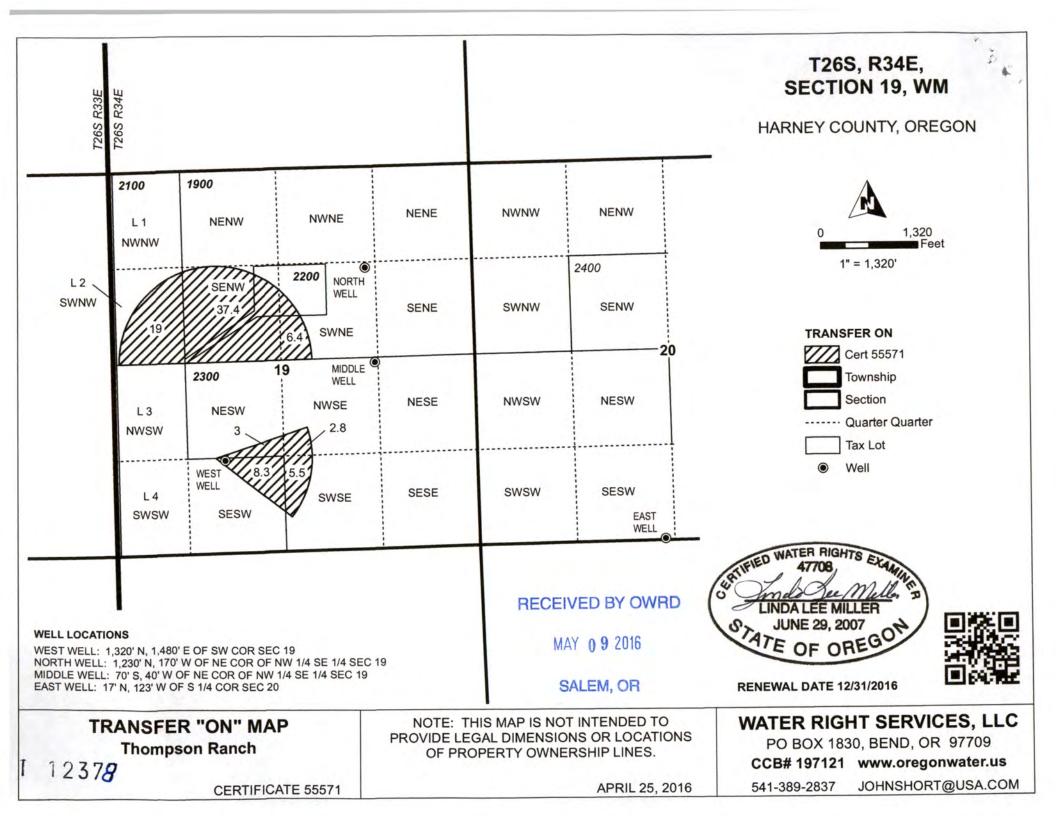


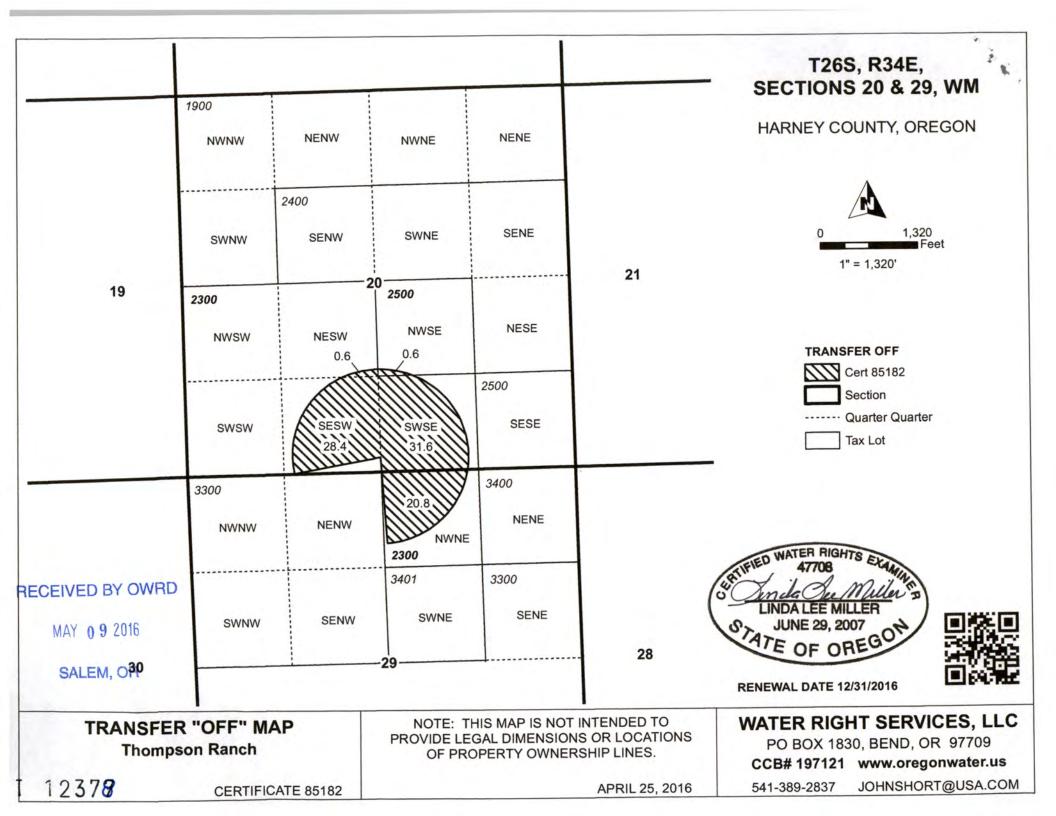


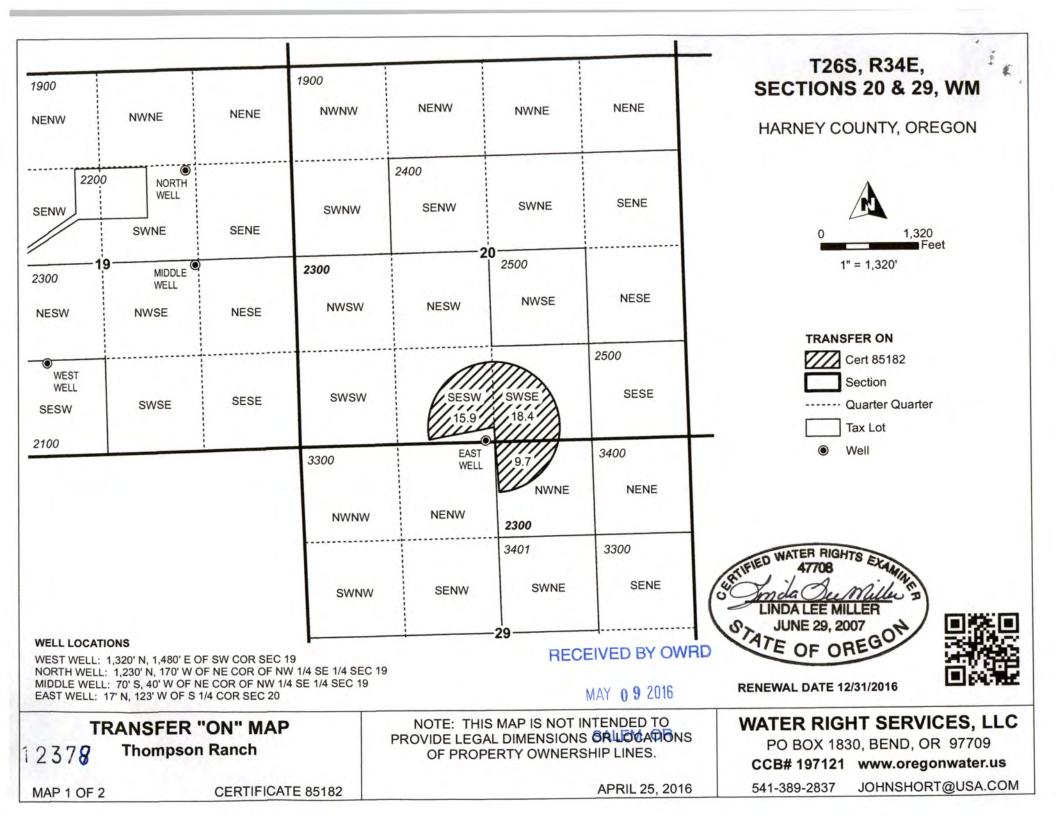


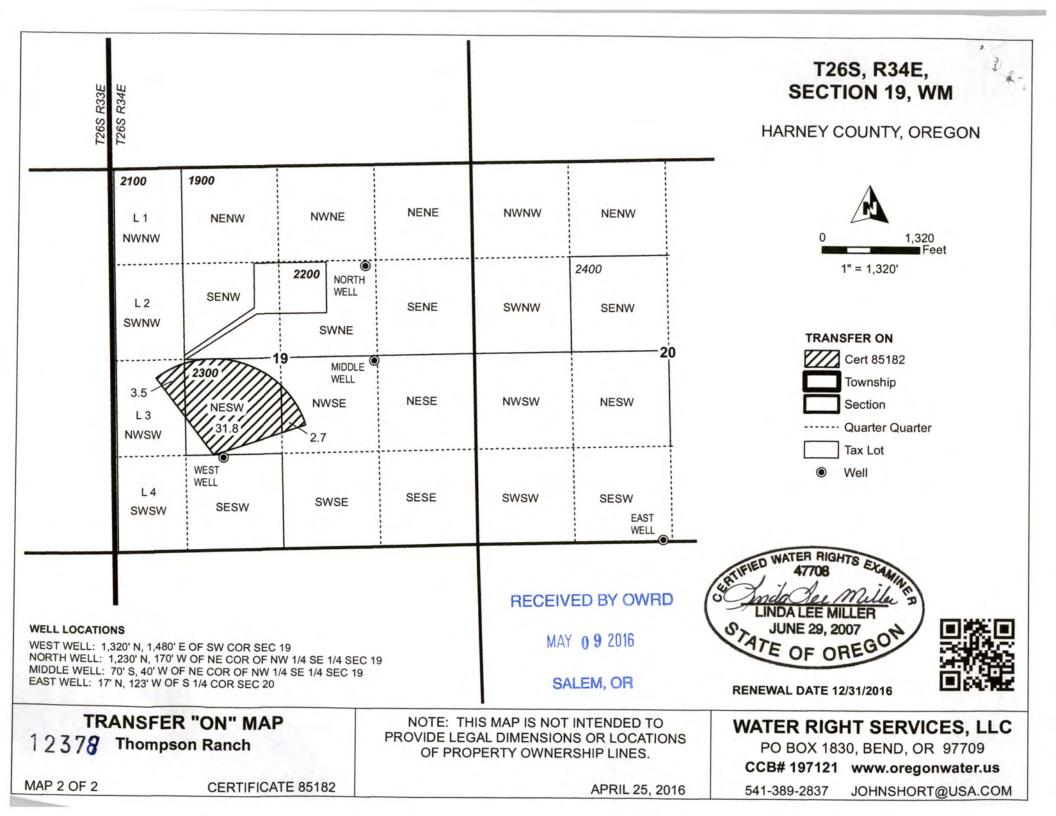


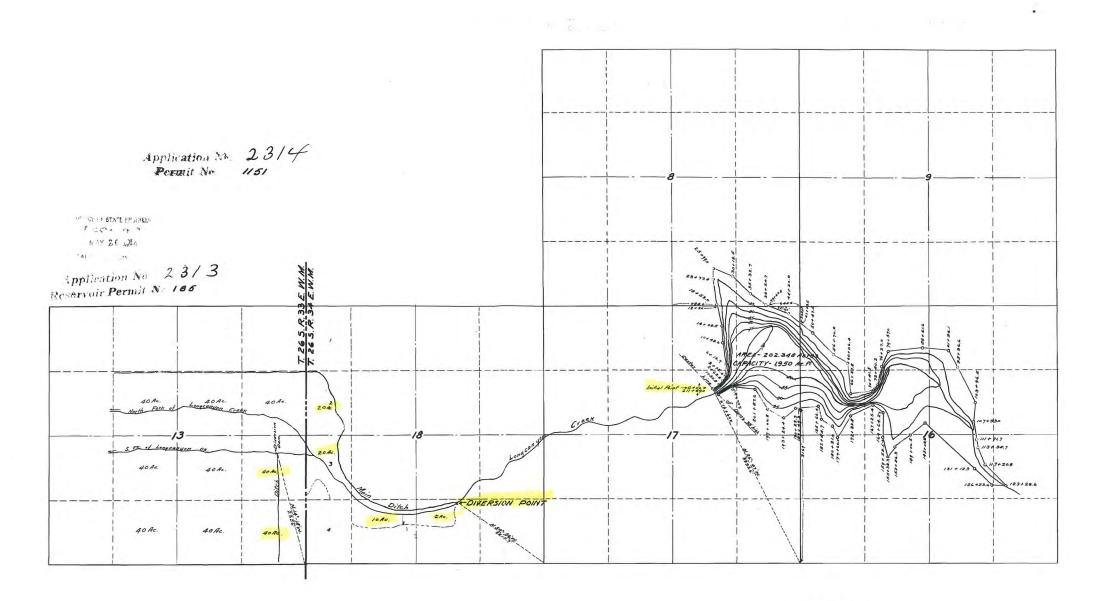








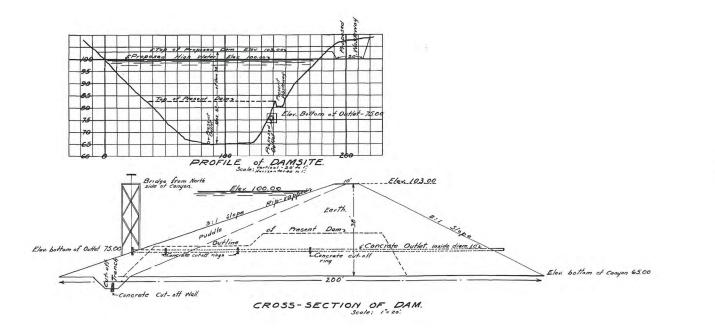




MAP of ORON THOMPSON'S IRRIGATION SYSTEM IN HARNEY COUNTY, OREGON. Scale - 1"= 1000'.

#### CERTIFICATE OF SURVEYOR.

1. A. O. Faulkner, of Burns, Oregon. do hereby certify that this map was made from notes taken during an actual survey made by me on the 7th to 10th of May, 1912, and that it correctly represents the works described in the accompanying ap-plication, together with the lecation of streams and other ditches in the immed-iate vicinity, and has Written thereon the area in each smallest legal subdivision which it is proposed to irrigate. al Saulkner,



#### **RECEIVED BY OWRD**

AUG 2 3 2016

SALEM, OR

Surveyor