

Checklist for Claims of Beneficial Use Received at CSG Counter

Application #	WRD Reviewer <i>Com M.</i>
Transfer # <i>T-10471</i>	
Date Received <i>6-24-2021</i>	
CWRE Name <i>Daniel Scalas</i>	

Priority Date: *1976 & 1982*

Fees Required:

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

YES **(NO)** A fee of \$200 must accompany this form for any transfers including a water right with a priority date of July 9, 1987, or later.

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

Fill in App or Transfer Number

Map Review:

- Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
- Application & permit #; or transfer # (OAR 690-014-0100(1))
- Disclaimer (OAR 690-014-0170(5))
- North arrow (OAR 690-310-0050(2)(c))
- CWRE stamp and signature (OAR 690-014 & 310-0050)
- Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map) (014 & 310)
- Township, range, section, and tax lot numbers (OAR 690-310-0050(4))

Report Review:

- On form provided by the Department (OAR 690-014-0100(1))
- Application & permit #; or transfer # (OAR 690-014)
- Ownership information (OAR 690-014)
- Date of survey (OAR 690-014)
- Person interviewed (OAR 690-014)
- County (OAR 690-014)
- CWRE stamp and signature (OAR 690-014-0100)
- Signature(s) of all permittee of transfer holder (OAR 690-014-0100)

MONEY SLIP

DATE: _____ RECEIPT #: _____

RECEIVED FROM: _____ APPLICATION PERMIT TRANSFER

CASH CHECK # OTHER (IDENTIFY) TOTAL REC'D \$

1083 TREASURY 4178 MISC CASH ACCT.

0407 COPIES (IDENTIFY) \$

0408 OTHER (IDENTIFY) \$

0243 Interm Lease 0244 Mun Water Mgmt Plan 0245 Cons Water

1083 TREASURY 4378 WRD OPERATING ACCT.

MISCELLANEOUS

0407 COPY & TAPE FEES *4611* \$

0410 RESEARCH FEES \$

0408 MISC REVENUE (IDENTIFY) \$

TC142 DEPOSIT LAB (IDENTIFY) \$

0242 EXTENSION OF TIME \$

WATER RIGHTS EXAM FEE RECORD FEE

0201 SURFACE WATER \$ 0032 \$

0203 GROUND WATER \$ 0034 \$

0205 TRANSFER \$

WELL CONSTRUCTION EXAM FEE RECORD FEE

0218 WELL DRILL CONSTRUCTOR \$ 0219 \$

LANDOWNER'S PERMIT \$ 0220 \$

0200 OTHER (IDENTIFY) *COBU* \$*200.00*

0487 TREASURY 0487 HYDROELECTRIC LIC NUMBER \$

0238 POWER LICENSE FEE (FWWRD) \$

0239 HYDRO LICENSE FEE (FWWRD) \$

HYDRO APPLICATION \$

SPECIAL INSTRUCTIONS:

RETURN TO APPLICANT -- LETTER ATTACHED

Groundwater File Review: *N/A*

Pump Test Required? YES NO Pump Test Submitted? YES NO*

*If no, include pump test flyer w/acknowledgment letter

**CLAIM OF
BENEFICIAL USE
for Transfer New or Additional
POA Only**



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

A fee of \$200 must accompany this form for any Transfer final orders including a water right with a priority date of July 9, 1987, or later.

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

A separate form shall be completed for each transfer.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at: <https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

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

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

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

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

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

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

<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

**SECTION 1
GENERAL INFORMATION**

Type of Authorized Change

This Claim is being submitted for a transfer where the only authorized change was a change in point(s) of appropriation or additional point(s) of appropriation, or a combination of both. **YES** *If additional changes were authorized, you will need to select a different form.*

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1. File Information

APPLICATION # T-10471

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Gary Orem		PHONE NO. 541-591-0047	ADDITIONAL CONTACT NO.
ADDRESS 19980 Highway 50 (PO Box 784)			
CITY Merrill	STATE OR	ZIP 97633	E-MAIL Gdo1072@yahoo.com

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

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

TRANSFER HOLDER OF RECORD Same as above		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:

12/11/2020

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Gary Orem	12/11/2020	Owner

6. County:

Klamath

7. If any property described in the place of use of the transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):

OWNER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

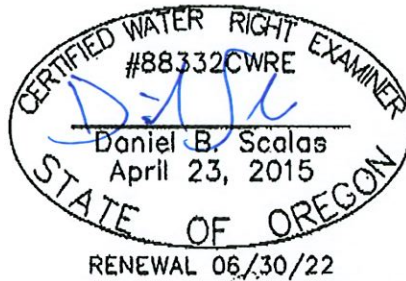
Add additional tables for owners of record as needed

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**SECTION 2
SIGNATURES**

CWRE Statement, Seal and Signature

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



CWRE NAME Daniel B. Scalas		PHONE No. 541-884-4666	ADDITIONAL CONTACT No.	
ADDRESS 1435 Esplanade Ave.				
CITY Klamath Falls	STATE OR	ZIP 97601	E-MAIL dscalas@adkinsengineering.com	

Permit Holder of Record Signature or Acknowledgement

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

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

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Gary Orem	Owner	
	Jamie Orem	Owner	

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SECTION 3
CLAIM DESCRIPTION

Note: The Claim only needs to describe the new or additional point(s) of appropriation. This Claim does not need to provide information for the original point(s) of appropriation unless the original point of appropriation is either a new or additional point of appropriation on another right involved in this transfer.

1. New or additional point of appropriation name or number:

POINT OF APPROPRIATION (POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)	SOURCE (IF LISTED IN TRANSFER FINAL ORDER)
Well 1	KLAM 56562	91930	Lost River Basin

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

2. Variations:

Was the use developed differently from what was authorized by the transfer final order, or extension final? **NO**

If yes, describe below.

(e.g. "The order allowed three new/additional points of appropriation. The water user only developed one of the points.")

3. Claim Summary:

NEW OR ADDITIONAL POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED
Well 1	0.56 CFS	2.04 CFS	N/A

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SECTION 4
SYSTEM DESCRIPTION

Are there multiple new or additional Points of Appropriation (POA)?

NO

A. POA System Information

Provide the following information concerning the point of appropriation. Information provided must describe the equipment used to appropriate water from the point of appropriation.

1. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Franklin	N/A	N/A	Submersible	12"	6"

2. Motor Information

MANUFACTURER	HORSEPOWER
Franklin	50

3. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
50	0	172.4'	0.0'	2.04

4. Provide pump calculations:

See Attachment D for Theoretical Pump Capacity Calculations.

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

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

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

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B. Groundwater Source Information (Well and Sump)

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

C. Additional notes or comments related to the system:

**SECTION 5
CONDITIONS**

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

1. Time Limits:

Describe how the water user has complied with each of the development timelines established in the transfer final order and any extensions of time issued for the transfer:

	DATE FROM TRANSFER	DATE THE NEW AND/OR ADDITIONAL POA(S) WERE READY FOR USE *THIS DATE MUST FALL BETWEEN THE "ISSUANCE DATE" AND THE "COMPLETENESS DATE"
ISSUANCE DATE	3/28/2008	
COMPLETENESS DATE FROM ORDER (C)	10/1/2009	6/1/2008

* MUST BE WITHIN PERIOD BETWEEN TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETE THE CHANGE

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

3. Measurement Conditions:

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

b. Has a meter been installed? YES

c. Meter Information

POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well 1	McCrometer	08-08285-06	Working	604.058 AF	6/1/2008

4. Recording and reporting conditions

a. Is the water user required to report the water use to the Department? NO

5. Other conditions required by the transfer final order or extension final order:

a. Were there special well construction standards? NO

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

c. Other conditions? NO

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

SECTION 6
ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
Attachment A	Copy of Transfer Final Order for T-10471
Attachment B	Claim of Beneficial Use Map on Mylar
Attachment C	Claim of Beneficial Use Map (paper copy)
Attachment D	Theoretical Pump Capacity Calculations
Attachment E	Well Log KLAM 56562
Attachment F	Klamath County Tax Map 41-10-8

SECTION 7
CLAIM OF BENEFICIAL USE MAP

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

For the purpose of this Claim, the map identifying the location of the place of use does not require a new survey. The location of the place of use identified on the Claim map should be based on the original right of record at the time the transfer final order was issued. In transfers approved for additional points of appropriation, the original points must be identified the map based on the original right of record at the time the transfer final order was issued.

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

The Claim of Beneficial Use Map was prepared from field measurements, NAIP 2020 aerial photography, Klamath County tax maps, and Oregon GLO maps.

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Map Checklist

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

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

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ATTACHMENT A
Copy of Transfer Final Order for T-10471

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Authorized Place of Use:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
41 S	10 E	WM	8	NE SE	15.5
41 S	10 E	WM	8	NW SE	9.9
41 S	10 E	WM	8	SW SE	0.6
41 S	10 E	WM	8	SE SE	10.8

3. Application T-10471 proposes to move the authorized point of appropriation approximately 0.26 mile southeast from the existing point of appropriation to:

Twp	Rng	Mer	Sec	Q-Q	Tax Lot	Survey Coordinates
41 S	10 E	WM	8	SE SE	702	621 FEET NORTH AND 1137 FEET WEST FROM THE SE CORNER OF SECTION 8

4. The portion of the second right to be transferred is as follows:
Certificate: 67947 in the name of CHARLES G. KERR (perfected under Permit G-9623)
Use: IRRIGATION of 7.6 ACRES
Priority Date: MARCH 8, 1982
Rate: 0.1 CUBIC FOOT PER SECOND (CFS)
Limit/Duty: ONE-EIGHTIETH cfs per acre, not to exceed 3.0 acre-feet per acre per year
Source: A WELL, in the LOWER KLAMATH LAKE BASIN

Authorized Point of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
41 S	10 E	WM	8	SW SE	900 FEET NORTH AND 20 FEET EAST FROM THE SOUTH 1/4 CORNER OF SECTION 8

Authorized Place of Use:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
41 S	10 E	WM	8	SW SE	2.6
41 S	10 E	WM	8	SE SE	5.0

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5. Application T-10471 proposes to move the authorized point of appropriation approximately 0.26 mile southeast from the existing point of appropriation to:

Twp	Rng	Mer	Sec	Q-Q	Tax Lot	Survey Coordinates
41 S	10 E	WM	8	SE SE	702	621 FEET NORTH AND 1137 FEET WEST FROM THE SE CORNER OF SECTION 8

6. While the authorized point of appropriation for Certificate 48601 (described in Finding of Fact #2) and the authorized point of appropriation for Certificate 67947 (described in Finding of Fact #4) appear to describe two different points of appropriation, the Department has determined, based upon information contained in the record, that both certificates utilize the same, single well (KLAM 14939) which is actually located as follows:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
41 S	10 E	WM	8	SW SE	930 FEET NORTH AND 2614 FEET WEST FROM THE SE CORNER OF SECTION 8

7. Notice of the application for transfer was published on October 23, 2007, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
8. On January 14, 2008, the Department mailed a copy of the draft Preliminary Determination proposing to approve Transfer Application T-10471 to the applicant and his agent. The draft Preliminary Determination set forth a deadline of February 18, 2008, for the applicant to respond. The applicant requested that the Department proceed with issuance of a Preliminary Determination and provided the necessary information to demonstrate that the applicant is authorized to pursue the transfer.
9. On January 24, 2008, the applicant's Certified Water Rights Examiner revised the application map to accurately reflect the location of the authorized point of appropriation, referenced to recognized survey corners.
10. On January 29, 2008, the Department issued a Preliminary Determination proposing to approve Transfer T-10471 and mailed a copy to the applicant. Additionally, notice of the Preliminary Determination for the transfer application was published on the Department's weekly notice on February 5, 2008, and in the Klamath Falls Herald and News newspaper on February 9, 16 and 23, 2008, pursuant to ORS 540.520 and OAR 690-380-4020. No protests were filed in response to the notice.

Transfer Review Criteria (OAR 690-380-4010)

11. Water has been used within the last five years according to the terms and conditions of the rights, and there is no information in the record that would demonstrate that the rights are subject to forfeiture under ORS 540.610.
12. A pump, pipeline, and sprinkler system sufficient to use the full amount of water allowed under the existing rights were present within the five-year period prior to submittal of Application T-10471.
13. The proposed change would not result in enlargement of the rights.
14. The proposed change would not result in injury to other water rights.
15. The authorized well (KLAM 14939) is completed in sediments that overlay basalt that occurs at a greater depth. The geology at the site of the proposed well is similar. Therefore, the source of water at the proposed point of appropriation is likely to be the same as that at the original well.

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Conclusions of Law

The change in point of appropriation proposed in application T-10471 appears to be consistent with the requirements of ORS 537.705 and 540.505 to 540.580 and OAR 690-380-5000.

Now, therefore, it is ORDERED:

1. The change in point of appropriation proposed in application T-10471 is approved.
2. Water right certificates 48601 and 67947 are cancelled. A new certificate will be issued describing that portion of Certificate 67947 not affected by this transfer.
3. The right to the use of the water is restricted to beneficial use at the place of use described, and is subject to all other conditions and limitations contained in Certificates 48601 and 67947 and any related decree.
4. Water shall be acquired from the same aquifer (water source) as the original point of appropriation.
5. The quantity of water diverted at the new point of appropriation shall not exceed the quantity of water lawfully available at the original point of appropriation.
6. Prior to diverting water, the water user shall install an in-line flow meter or other suitable device for measuring and recording the quantity of water diverted. The type and plans of the measuring device must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department. The water user shall maintain and operate the measuring device as required by the Department.
7. The approved change shall be completed and full beneficial use of the water shall be made on or before October 1, 2009. A Claim of Beneficial Use prepared by a Certified Water Rights Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the change and full beneficial use of the water.
8. When satisfactory proof of the completed change is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon this 28th day of March 2008.


Phillip C. Ward, Director

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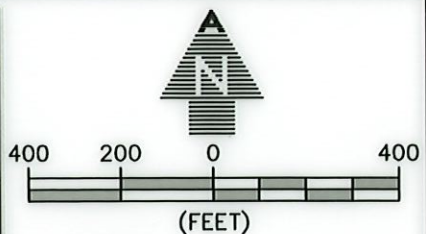
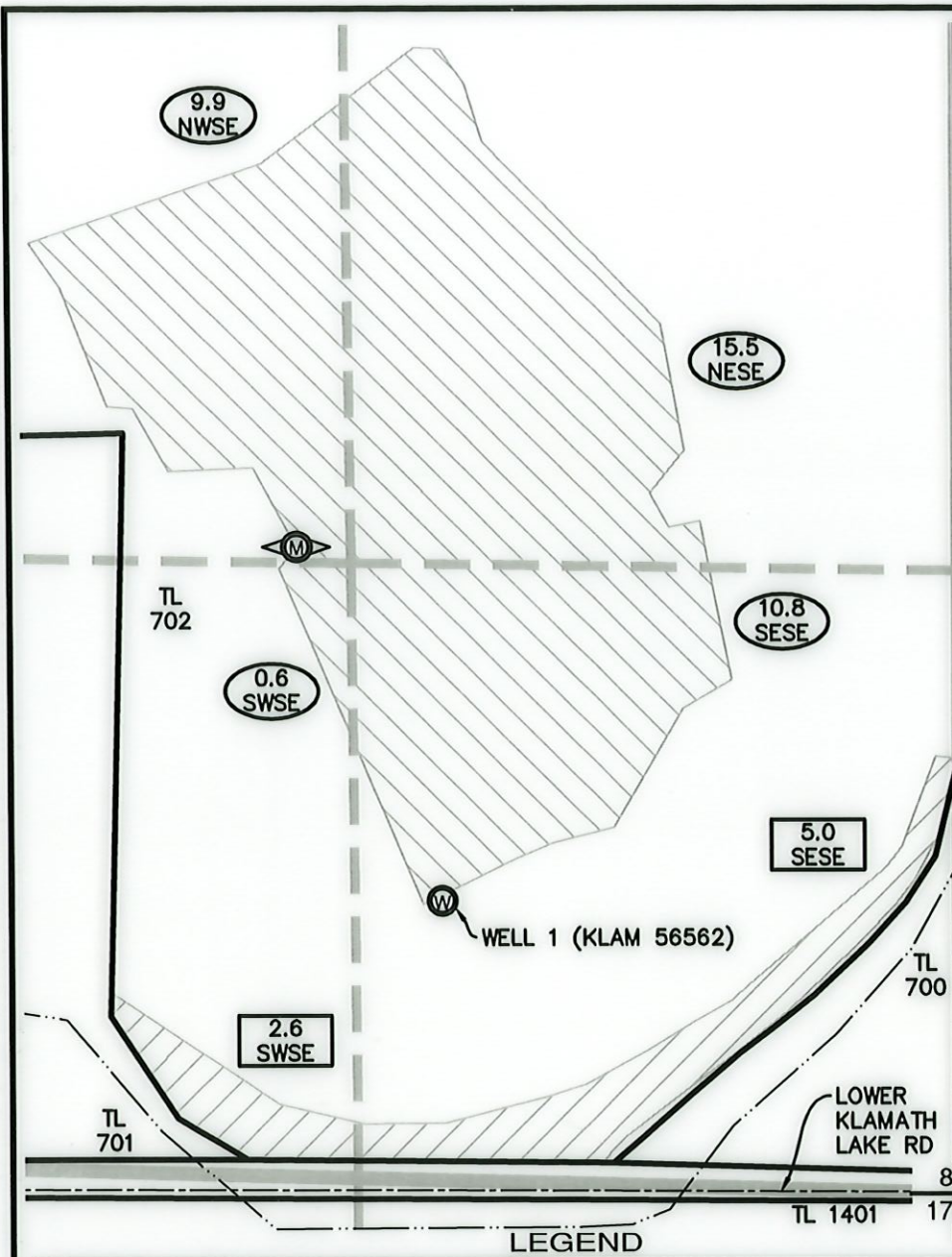
Mailing date: APR 11 2008

ATTACHMENT B
Claim of Beneficial Use Map on Mylar

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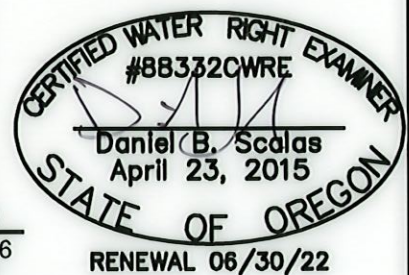
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NOTES:

1. THIS MAP WAS PREPARED FROM FIELD MEASUREMENTS, NAIP 2020 AERIAL PHOTOGRAPHS, KLAMATH COUNTY TAX MAPS, AND OREGON GLO MAPS.
2. THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT ONLY, AND IS NOT INTENDED TO PROVIDE DIMENSIONS OR LOCATION OF PROPERTY LINES.
3. DATE OF PRIORITY FOR CERTIFICATE 48601 IS NOVEMBER 17, 1976 AND DATE OF PRIORITY FOR CERTIFICATE 67947 IS MARCH 8, 1982.

WELL LOCATION:
 WELL 1 (KLAM 56498): 621' NORTH & 1137' WEST FROM THE SOUTHEAST CORNER OF SECTION 8.



LEGEND

<p>35.0 SWSE</p> <p>IRRIGATED ACRES (PRIORITY DATE: NOVEMBER 17, 1976) 1/4 1/4 SECTION</p> <p>35.0 SWSE</p> <p>IRRIGATED ACRES (PRIORITY DATE: MARCH 8, 1982) 1/4 1/4 SECTION</p> <p>IRRIGATED UNDER TRANSFER T-10471 (PRIORITY DATE: MARCH 8, 1982)</p>	<p>22 22</p> <p>22 22</p> <p>TL 0000</p> <p>W</p> <p>M</p> <p>IRRIGATED UNDER TRANSFER T-10471 (PRIORITY DATE: NOVEMBER 17, 1976)</p>	<p>SECTION CORNER</p> <p>TAX LOT NUMBER</p> <p>POA (WELL)</p> <p>FLOWMETER</p> <p>IRRIGATED UNDER TRANSFER T-10471 (PRIORITY DATE: NOVEMBER 17, 1976)</p>	<p>SECTION LINE</p> <p>1/4 1/4 LINE</p> <p>TAX LOT LINE</p> <p>CANAL</p> <p>ROAD</p>
--	---	---	--

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 ENGINEERING & SURVEYING o / 541.884.4666
 w / AdkinsEngineering.com

1435 ESPLANADE AVENUE, KLAMATH FALLS, OR 97601

SERVING S. OREGON & N. CALIFORNIA

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CLAIM OF BENEFICIAL USE AND FINAL PROOF MAP

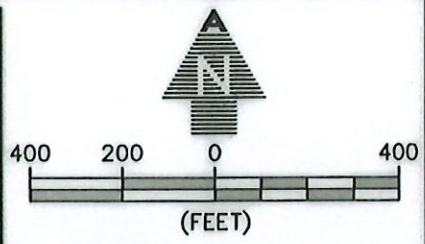
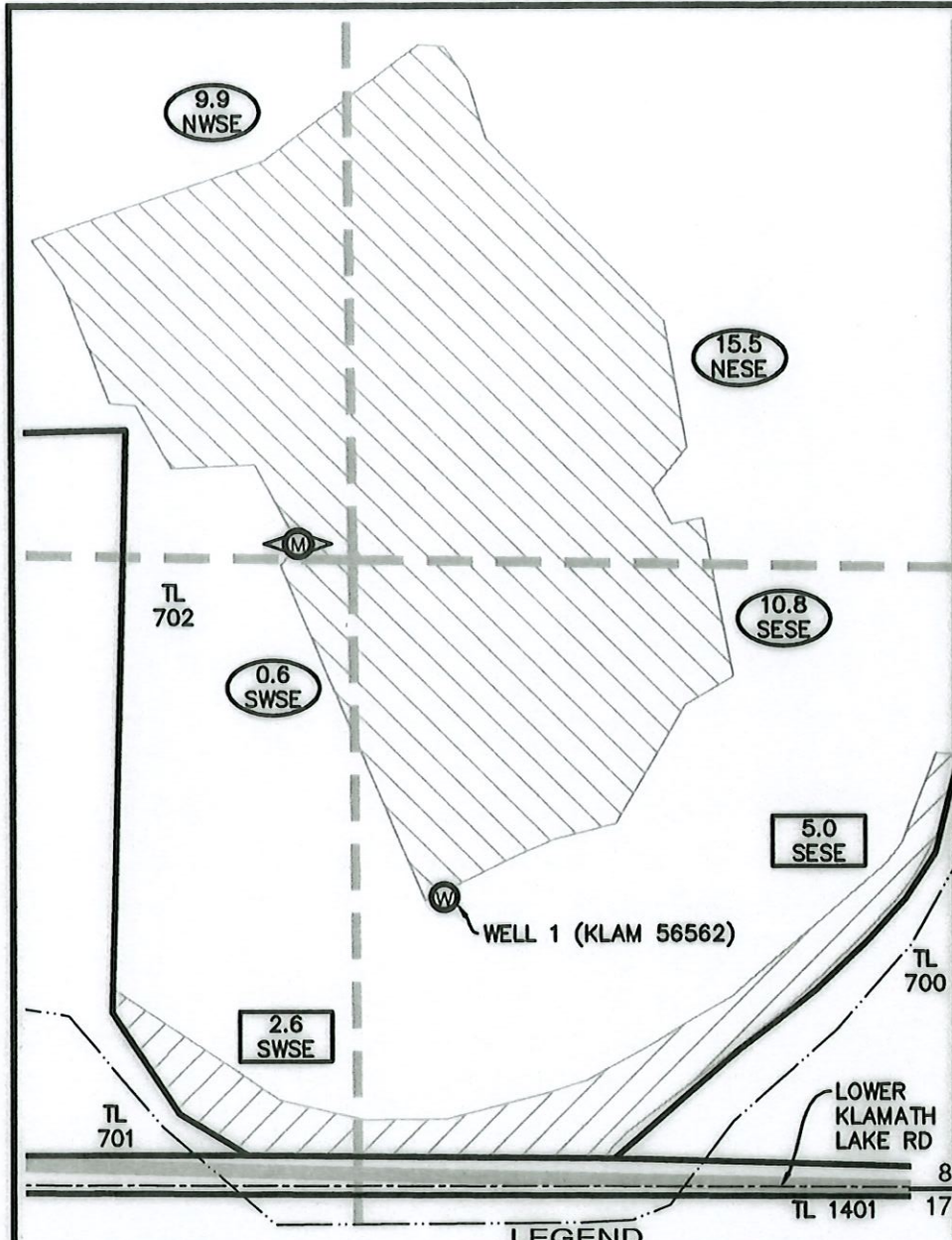
FOR
 GARY OREM
 T41S, R10E, SEC. 8, WM
 KLAMATH COUNTY, OREGON
 TRANSFER T-10471

ATTACHMENT C
Claim of Beneficial Use Map (paper copy)

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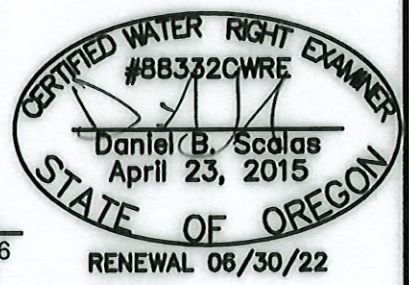


NOTES:

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2. THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT ONLY, AND IS NOT INTENDED TO PROVIDE DIMENSIONS OR LOCATION OF PROPERTY LINES.
3. DATE OF PRIORITY FOR CERTIFICATE 48601 IS NOVEMBER 17, 1976 AND DATE OF PRIORITY FOR CERTIFICATE 67947 IS MARCH 8, 1982.

WELL LOCATION:

WELL 1 (KLAM 56498): 621' NORTH & 1137' WEST FROM THE SOUTHEAST CORNER OF SECTION 8.



LEGEND

35.0 SWSE	IRRIGATED ACRES (PRIORITY DATE: NOVEMBER 17, 1976) 1/4 1/4 SECTION	$\frac{22}{22} \frac{22}{22}$	SECTION CORNER		SECTION LINE
35.0 SWSE	IRRIGATED ACRES (PRIORITY DATE: MARCH 8, 1982) 1/4 1/4 SECTION	TL 0000	TAX LOT NUMBER		1/4 1/4 LINE
	IRRIGATED UNDER TRANSFER T-10471 (PRIORITY DATE: MARCH 8, 1982)	W	POA (WELL)		TAX LOT LINE
	IRRIGATED UNDER TRANSFER T-10471 (PRIORITY DATE: NOVEMBER 17, 1976)	M	FLOWMETER		CANAL
			ROAD		ROAD

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AL ADKINS ENGINEERING & SURVEYING o / 541.884.4666 w / AdkinsEngineering.com

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CLAIM OF BENEFICIAL USE AND FINAL PROOF MAP

FOR GARY OREM
 T41S, R10E, SEC. 8, WM
 KLAMATH COUNTY, OREGON
 TRANSFER T-10471

ATTACHMENT D
Theoretical Pump Capacity Calculations

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Pump Capacity Calculation Sheet

Date: 12/17/2020

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 50
Efficiency = 7.04
Lift = 172.4
PSI = 0

Results Calculated

(hp)(efficiency) = 352
Head based on psi = 0.0
Total dynamic head = 172.4
(head + lift)

Pump Capacity = 2.04 cubic feet per second

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ATTACHMENT E
Well Log KLAM 56562

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STATE OF OREGON

WATER SUPPLY WELL REPORT

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

06-06-2008

WELL LABEL # L 91930

START CARD # 1003439

(1) LAND OWNER Owner Well I.D. _____

First Name GARY Last Name OREM
Company
Address P.O. BOX 784
City MERRILL State OR Zip 97633

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard [] Attach copy)

Table with columns: Dia, From, To, Material, SEAL, To, Amt, lbs, sacks/

How was seal placed: Method [] A [] B [] C [] D [] E

[X] Other POURED

Backfill placed from 50 ft. to 52 ft. Material 3/8 BENTONITE

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

Explosives used: [] Yes Type _____ Amount _____

(6) CASING/LINER

Table with columns: Casing, Liner, Dia, +, From, To, Gauge, Stil, Plstc, Wld, Thrd

Shoe [] Inside [] Outside [] Other Location of shoe(s) _____

Temp casing [] Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____ Screens Type _____ Material _____

Table with columns: Perf/S, Casing/Screen, Dia, From, To, Scm/slot width, Slot length, # of slots, Tele/pipe size

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

Table with columns: Pump, Bailer, Air, Flowing Artesian, Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr)

Temperature 86 °F Lab analysis [] Yes By _____

Water quality concerns? [] Yes (describe below)

Table with columns: From, To, Description, Amount, Units

(9) LOCATION OF WELL (legal description)

County Klamath Twp 41.00 S N/S Range 10.00 E E/W WM
Sec 8 SE 1/4 of the SE 1/4 Tax Lot 702
Tax Map Number _____ Lot _____
Lat _____ " or _____ DMS or DD
Long _____ " or _____ DMS or DD
[] Street address of well [X] Nearest address

NEXT TO 10585 LOWER LAKE RD. MERRILL, OR

(10) STATIC WATER LEVEL

Table with columns: Date, SWL(psi), +, SWL(ft)

WATER BEARING ZONES Depth water was first found 304

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), +, SWL(ft)

(11) WELL LOG

Table with columns: Material, From, To, Ground Elevation 4,150

RECEIVED JUN 24 2008 OWRD

Date Started 05-06-2008 Completed 06-02-2008

(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards.

License Number _____ Date _____ Electronically Filed Signed _____

(bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above.

License Number 777 Date 06-06-2008 Electronically Filed Signed STEPHEN R HUGHES (E-filed) Contact Info (optional) _____

ATTACHMENT F
Klamath County Tax Map 41-10-8

RECEIVED

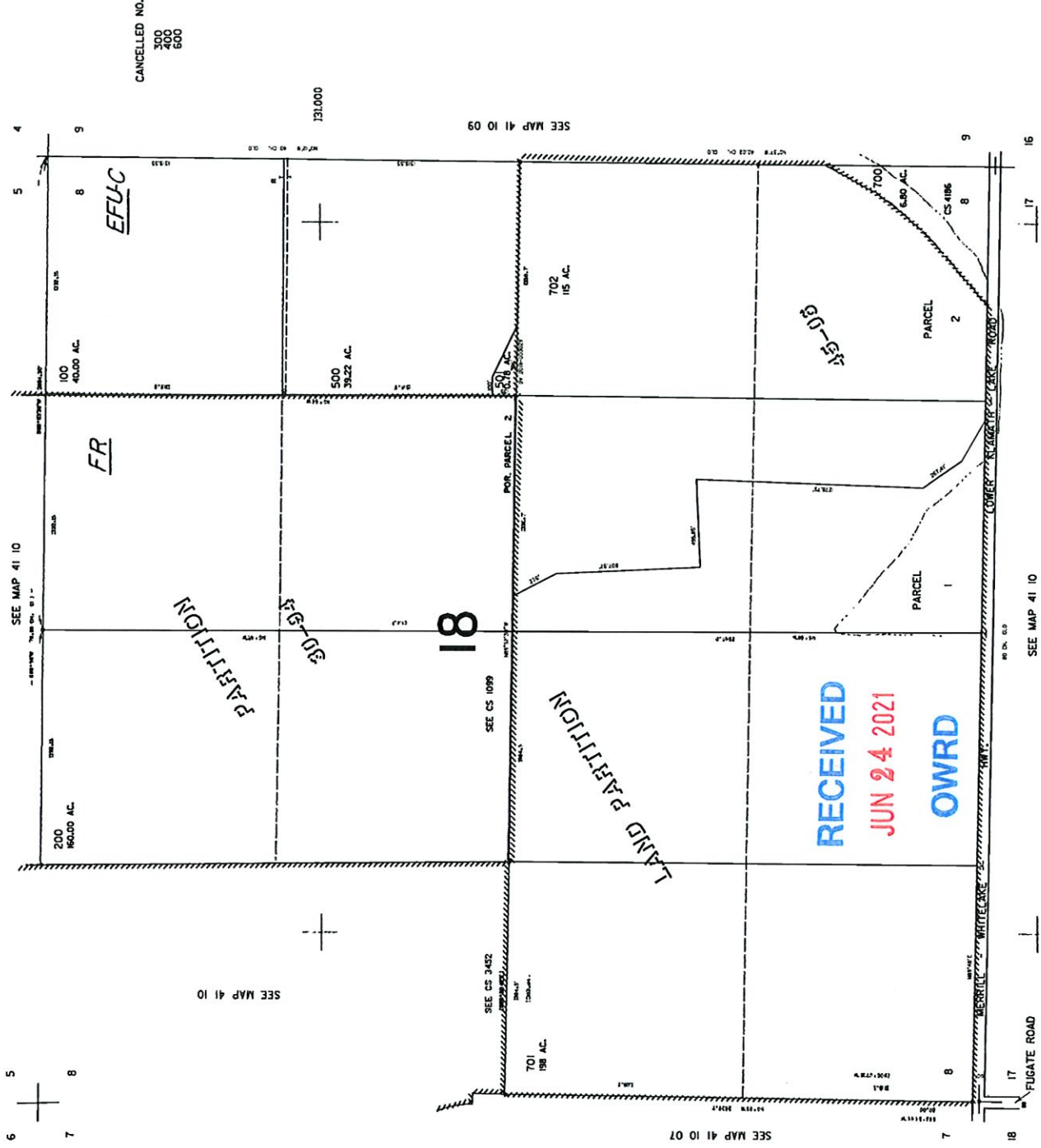
JUN 24 2021

OWRD

SECTION 08 T.41S. R.10E. W.M.
 KLAMATH COUNTY
 1" = 400'

REVISED 10-08-2018
 THIS MAP WAS PREPARED FOR
 ASSESSMENT PURPOSE ONLY

41 10 08



41 10 08