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



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

A fee of \$230 must accompany this form for <u>permits</u> with priority dates of July 9, 1987, or later.

A separate form shall be completed for each permit.

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

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at: 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 503-979-9103.

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

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1. File Information:

APPLICATION #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-11994	G-11079	N/A

APPLICANT/BUSINESS NAME		rmation): PHONE NO.		ADDITIONAL CONTACT NO.
Round Lake MHP LLC			2600 ext 303	
Address	<u>. </u>			
4000 Round Lake Rd.				
Сіту	STATE	ZIP	E-Mail	
Klamath Falls	OR	97601	tlarkin@co	astmhp.com
filed with the Department 3. Permit holder of recor PERMIT HOLDER OF RECORD				wner):
Same as above				
Address			-	
		12		
Сіту	STATE	ZIP		
				
ADDITIONAL PERMIT HOLDER OF F	RECORD			
Address				
	STATE	7,0		
	STATE	ZIP		
Сіту		ZIP		
CITY 4. Date of Site Inspection		ZIP		
CITY 4. Date of Site Inspection 2/24/2022): 			
CITY 4. Date of Site Inspection 2/24/2022 5. Person(s) interviewed	and description of the	eir association	<u>-</u>	
2/24/2022): 	eir association	<u>-</u>	ect: ION WITH THE PROJECT

Klamath	
Maillatti	

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

OWNER OF RECORD	<u> </u>		
ADDRESS			
Сіту	STATE	ZIP	,

Add additional tables for owners of record as needed



SECTION 2 SIGNATURES

CWRE Statement, Seal and Signature

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

RENEWAL 06/30/22

CWRE NAME Daniel B. Scalas		PHONE NO. 541-884-4666		ADDITIONAL CONTACT No.	
ADDRESS 1435 Esplanade Ave.					
CITY Klamath Falls	STATE OR	ZIP 97601	CITY Klamath F	Falls	

Permit Holder's of Record Signature or Acknowledgement

<u>Each</u> 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
Toll	Thomas Larkin	Owner	3.12.22

SECTION 3

CLAIM DESCRIPTION

1. Point of appropriation name or number:

POINT OF APPROPRIATION	WELL LOG ID#	WELL TAG #
(POA) NAME OR NUMBER	FOR ALL WORK PERFORMED ON THE WELL	(IF APPLICABLE)
(CORRESPOND TO MAP)	(IF APPLICABLE)	
Well 1	KLAM 14129	117785

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

2. Point of appropriation source, if indicated on permit:

POA	SOURCE	TRIBUTARY
Name or Number	BASIN LOCATED WITHIN	
Well 1	Klamath Lake Basin	N/A

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

POA	USES	lF.	SEASON OR MONTHS	ACTUAL RATE OR VOLUME
Name or Number		IRRIGATION,	WHEN WATER	USED
		LIST CROP	was Used	(CFS, GPM, or AF)
		Түре		
Well 1	Quasi-Municipal	N/A	Year Round	1.03 CFS
Total Quantity of Water Used				1.03 CFS

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

Water is appropriated from Well 1 via a 40 HP turbine pump. From Well 1, water can be diverted north or south. To the north, water is diverted through 6" buried PVC pipe for approximately 4,760' to the north subdivision. To the south, water is diverted via the Well 1 pump and booster pump through 6" buried PVC pipe for approximately 4,540' to a 250,000 gallon storage tank. From the storage tank, water can then be diverted to all authorized places of use.

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

5. Variations:

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

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

The permit allowed two points of appropriation. The water user only developed one of the points of diversion.

6. Claim Summary:

		-			CUEIVED	
Well 1	1.03 CFS	1.28 CFS	0.66 CFS	Quasi-Municipa	NA	N/A
		BASED ON SYSTEM	MEASURED			
NAME OR #	AUTHORIZED	THEORETICAL RATE	WATER		ALLOWED	DEVELOPED
POA	MAXIMUM RATE	CALCULATED	AMOUNT OF	USE	# OF ACRES	# OF ACRES

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple POAs?

NO

- A. Place of Use
- 1. Is the right for municipal use?

YES

- **B. Groundwater Source Information (Well)**
- 1. Is the appropriation from a well?

YES

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

3/4" port on the rim of the pump located on the north side of the well 2.1' above ground surface

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

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

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

KLAM 14129

- C. Groundwater Source Information (Sump)
- 1. Is the appropriation from a dug well (sump)?

NO

D. Diversion and Delivery System Information

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

1. Is a pump used?

YES

2. Pump Information:

Manufacturer	Model	SERIAL NUMBER	SERIAL NUMBER TYPE (CENTRIFUGAL, TURBINE OR INTA		DISCHARGE
			SUBMERSIBLE)		SIZE
National Pump Co.	N260	147774	Turbine	6"	6"
Goulds Pumps	3656	Unknown	Centrifugal	6"	6"

3. Motor Information:

Manufacturer	Horsepower	
General Electric	40	
Baldor	7.5	

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4. Theoretical Pump Capacity:

Horsepower	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO	TOTAL PUMP
		*IF A WELL, THE WATER LEVEL	PLACE OF USE	Оитрит
		DURING PUMPING		(IN CFS)
40	28	148.1'	15.0'	1.28 CFS
7.5	28	37.0′	0.0'	0.46 CFS

5. Provide pump calculations:

See Attachment F for theoretical pump capacity calculations.

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

OBSERVED	/\
32,823,200 gallons 32,882,900 gallons 4.0 hours 0.66	(IN CFS)

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

7. Is the distribution system piped?

YES

8. Mainline Information:

MAINLÍNE SIZE	LENGTH	TYPE OF PIPE	Buried or Above Ground
6"	12,620'	PVC	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	Buried or Above Ground
N/A			

10. Sprinkler Information:

SIZE	OPERATING	Sprinkler	TOTAL NUMBER	MAXIMUM	TOTAL SPRINKLER OUTPUT
	PSI	Оитрит	OF SPRINKLERS	Number Used	(CFS)
		(GPM)			
N/A					

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

11. Drip Emitter Information:

SIZE	OPERATING	EMITTER	TOTAL NUMBER	Maximum	TOTAL EMITTER OUTPUT
	PSI	Оитрит	OF EMITTERS	Number Used	(CFS)
		(GPM)			
N/A					

12. Drip Tape Information:

DRIPPER	GPM PER	. TOTAL	MAXIMUM	TOTAL TAPE	ADDITIONAL INFORMATION
SPACING IN	100 FEET	LENGTH OF	LENGTH OF TAPE	Оитрит	
INCHES		Таре	USED	(CFS)	
N/A					

13. Pivot Information:

13. Tivot illiorillation.			
Manufacturer	MAXIMUM WETTED	OPERATING	TOTAL PIVOT FOR PIVOT
	RADIUS	PSI	OUTPUT (GPM) MAY PUTPHTA(CFS)
N/A			MAI 09 2022

E.	Sto	ra	ge
----	-----	----	----

	bulge in system / reservoir)?			
If "YES" is it a:	If "YES" is it a: Storage Tank			
•	Bulge in System / Reservoir			
Complete appropri 2. Storage Tank:	ate table(s), unused table	may be deleted.		
	MATERIAL	CAPACITY	ABOVE GROUND OR BURIED	
(CONCRETE, FI	BERGLASS, METAL, ETC.)	(IN GALLONS)		
Metal		250,000	Above Ground	
•	•	MULA FOR A GRAVITY FLOW PIPE SYSTEM)	NO	
G. Gravity Flow		•		
1. Is a gravity flow distribution syster		nvey the water as part of the	NO	
H. Additional no	otes or comments rela	ted to the system:		



SECTION 5

CONDITIONS

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

1. Time Limits:

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

established in the permit or permit extension order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	12/7/1989		
BEGIN CONSTRUCTION (A)	7/18/1991	7/18/1991	KLAM 14129 drilled.
COMPLETE CONSTRUCTION (B)	10/1/2004	1/1/2003	Booster pump installed.
COMPLETE APPLICATION OF WATER (C)	10/1/2004	1/1/2003	Full beneficial use of water applied.

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

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

YES

a. Did the Extension Final Order require the submittal of Progress Reports?

YES

b. Were the Progress Reports submitted?

YES

3. Initial Water Level Measurements:

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

NO

4. Annual Static Water Level Measurements:

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

NO

5. Pump Test:

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

YES

Ground water permits with priority dates on or after **December 20, 1988**, require the submittal of a pump test prior to issuance of a certificate. In some cases, the permit holder may qualify for a multiple well exemption or an unreasonable burden exemption.

For additional information regarding pump tests see:

https://www.oregon.gov/OWRD/programs/GWWL/GW/Pages/PumpTestProgram.aspx

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

NC

c. Is the pump test attached to this claim?

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

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

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

_				***
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ο.	ivicasi	41 EL 115		nditions

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

YES

c. Meter Information

POD/POA	MANUFACTURER	SERIAL#	CONDITION	CURRENT METER READING	DATE INSTALLED
NAME OR #			(WORKING OR NOT)		
Well 1	Zenner	19173231	Working	32,882,900 gallons	August 2019

NOTE: The original flowmeter was installed when KLAM 14129 was completed and was used up until the year 2019; however, the flowmeter became inoperable and therefore needed to be replaced. The new working flowmeter was installed in August 2019.

- 7. Recording and reporting conditions:
- a. Is the water user required to report the water use to the Department?

NO

- 8. Other conditions required by permit, permit amendment 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. Was submittal of a water management and conservation plan required?

NO

d. Was a Well Identification Number (Well ID tag) assigned and attached

YES

to the well?

WELL ID#	DATE ATTÂCHED TO WELL
L117785	Unknown

e. Other conditions?

NO

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

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SECTION 6

ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION				
Attachment A	Copy of Permit G-11079				
Attachment B	Final Order for Extension of Time for Permit G-11079				
Attachment C	Claim of Beneficial Use Map (mylar)				
Attachment D	Claim of Beneficial Use Map (on paper)				
Attachment E	Pump Test for KLAM 14129				
Attachment F	Theoretical Pump Capacity Calculations				
Attachment G	Well Log KLAM 14129				
Attachment H	Klamath County Tax Map T39S-R8E				

SECTION 7

CLAIM OF BENEFICIAL USE MAP

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

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

This Claim of Beneficial Use map was prepared from field measurements, NAIP 2022 aerial photography, Klamath County tax maps, and Oregon GLO maps.

Please be sure that the map you submit includes ALL the items listed below. (Reminder: Incomplete maps and/or claims may be returned.) \boxtimes Map on polyester film \boxtimes Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map) \boxtimes Township, Range, Section, Donation Land Claims, and Government Lots N/A If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters \times N/A Locations of fish screens and/or fish by-pass devices in relationship to point of diversion \boxtimes Locations of meters and/or measuring devices in relationship to point of diversion or appropriation \boxtimes Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.) \boxtimes Point(s) of diversion or appropriation (illustrated and coordinates) M Tax lot boundaries and numbers N/A Source illustrated if surface water X Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines") \bowtie Application and permit number or transfer number

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 \boxtimes

X

X

North arrow

CWRE stamp and signature

Legend

Map Checklist

ATTACHMENT A Copy of Permit G-11079

STATE OF OREGON

COUNTY OF KLAMATH

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

ROUND LAKE UTILITIES, INC. PO BOX 208
BEND, OREGON 97709

503-389-2770

to use the waters of TWO WELLS in the KLAMATH LAKE BASIN for QUASIMUNICIPAL USES.

This Permit is issued approving Application G-11994. The date of priority is DECEMBER 7, 1989. The use is limited to not more than 1.03 CUBIC FEET PER SECOND, or its equivalent in case of rotation, measured at the well.

The wells are located as follows:

NE 1/4 SE 1/4, SE 1/4 SE 1/4, SECTION 7, T 39 S, R 8 E, W.M.; WELL 1 - 1055.45 FEET SOUTH AND 94.00 FEET WEST; WELL 2 - 1611.10 FEET SOUTH AND 855.40 FEET WEST, BOTH FROM E 1/4 CORNER, SECTION 7.

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

A description of the proposed place of use under the permit is as follows:

SE 1/4
SECTION 7
TOWNSHIP 39 SOUTH, RANGE 8 EAST, W.M.

The well shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times. When required by the department, the permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

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

Actual construction work shall begin on or before JULY 18, 1991, and shall be completed on or before October 1, 1992. Complete application of the water shall be made on or before October 1, 1993. BC extended to 10-1-97

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Application G-11994 Water Resources Department

PERMIT G-11079WMD

PAGE TWO

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

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

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

The use granted herein may be made only at times when sufficient water is available to satisfy all prior rights.

Issued this date, JULY 18, 1990.

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Water Resources Department William H. Young Director



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Application G-11994 Water Resources Department Basin 14 Volume 1 Upper Klamath Lake & Misc. Wells G-11994.SB PERMIT G-11079 District 17

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WATER RESOURCES DEPT. SALEM, OREGON

WATER RIGHTS APPLICATION MAP FOR ROUND LAKE UTILITIES, INC.

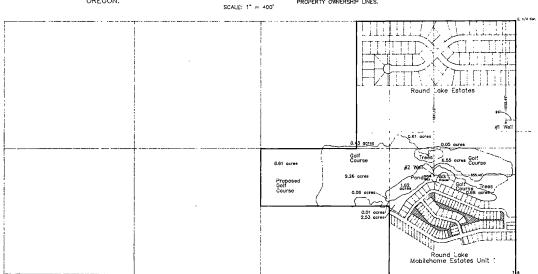
A PORTION OF SECTION 7.
TOWNSHIP 39 SOUTH, RANGE
8 EAST. KLAMATH COUNTY,
OREGON.



GERTIFICATE:

1, MICHAEL W. TYE, CERTIFIED WATER RICHT EXAMINER IN
THE STATE OF OREGON, HEREBY CERTIFY THIS APPLICATION MAP
WAS PREPARED UNDER MY SUPERWISION IN COOPERATION WITH THE
ROUND LAKE UTILITES, INC. AND AERIAL PHOTOS.
THE PREPARATION OF THE WATER RICHT ONLY AND
HAS NO INTENT TO PROVIDE DIMENSIONS OR LOCATIONS OF
PROPERTY OWNERSHIP LINES.





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Application No. G 1994 Fermit No. G11679

Sun	Country	Engineering &	Surveying, Inc.
	E Parrell Road	Bend, Oregon	Phone 382-8882

design AS SHOWN date II-22-89 w. o. no. 2539

ATTACHMENT B Final Order for Extension of Time for Permit G-11079

Oregon Water Resources Department Water Rights Division

Water Rights Application Number G 11994

Final Order Extension of Time for Permit Number G 11079

Appeal Rights

This is a final order in other than contested case. Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005, you may either petition the Director for reconsideration of this order or petition for judicial review of this order. As provided in ORS 536.075, this order is subject to judicial review under ORS 183.484. Any petition for judicial review of the order must be filed within the 60 day time period specified by ORS 183.484(2).

Application History

On SEPTEMBER 29, 1999, ROUND LAKE UTILITIES, INC. submitted an application to the Department for an extension of time for permit number G 11079. The Department issued Permit number G 11079 on JULY 18, 1990. The permit called for completion of construction of the water development project by October 1, 1992 and complete application of water to the full beneficial use by October 1, 1993. In accordance with OAR 690-320-0010(8), on JANUARY 18, 2000, the Department issued a Proposed Final Order proposing to extend the time to complete development of the water development project to October 1, 2004, and/or the time to fully apply water to beneficial use to October 1, 2004. The protest period closed MARCH 3, 2000. No protest was filed.

The Department proposed the following condition for the Extension of Time:

The permittee must submit a written progress report to the Department by October 1, 2002. The report must be received by the Department not sooner than 90 days prior to the due date. The permittee's report must describe in detail the work done each year since the last extension was granted or the last progress report submitted. The report shall include:

a) The amount of construction completed;

b) The amount of beneficial use of water being made, including the total volume of water used, water used relative to the specific authorizations (types of use, acres irrigated, etc.) contained in the permit, and the percent of the total allowable water use that this represents;

c) A review of the permittee's compliance with terms and conditions of the permit and/or previous extension; and

d) Financial investments made toward developing the beneficial water use.

The Department will review the progress report to determine whether the permittee is exercising diligence towards completion of the project and complying with the terms and conditions of the permit and extension.

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Failure to submit a progress report by the due date above will result in cancellation of the undeveloped portion of the permit by the Department pursuant to ORS 537.260 or 537.410 to 537.450. Within one year after cancellation, the permittee must submit a final proof survey pursuant to ORS 537.230 and 537.250.

If the Department finds that diligence is questionable, the Department may:

- a) request the permittee to submit additional information with which to evaluate diligence;
- b) apply additional conditions and performance criteria for perfection of the right; or
- c) cancel the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410 to 537.450. The Department will grant the permittee a hearing on the cancellation, if one is requested.

In determining whether the permittee has been diligent, the Department will consider information submitted to the Department by the permittee and any information submitted during the 30-day public comment period following public notice of submittal of the progress report.

If information is received through the public notice process indicating that the applicant has not been diligent toward completing the project, and if the director determines there are significant disputes related to the use of water, the Department will conduct a hearing.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.230, 537.248, 537.630 and 539.010(5) (as appropriate).

Order

The extension of time for Application G 11994, Permit Number G 11079, therefore, is approved. The deadline for completing construction is extended to October 1, 2004. The deadline for applying water to full beneficial use is extended to October 1, 2004.

DATED May 8, 2000

Martha O. Pagel, Director

ATTACHMENT C Claim of Beneficial Use Map (mylar)

ATTACHMENT D Claim of Beneficial Use Map (on paper)

ATTACHMENT E Pump Test for KLAM 14129



PUMP TEST FORM COVER SHEET

OWNER NAME Round Lake M									
TOUTIO LUICO IV		NAME:				NE No.: 247-2600 Ext. 303	ADDITION	IAL CON	TACT NO.:
ADDRESS: 40	00 Round L	ake Rd.							
CITY: Klamath	Falls		STATE: 0	R Zip :	97601	E-MAIL: tlarkin@	coastmhp.co	m	
Pump Test	Conduct	ed By (If I	Different From C	Owner):					
Test Condu		AME:			ALIFICATION: .ECT)	CWRE	LICENSE 88332	#:	
COMPANY: Adkins Engine	eering & Su	veying, LLP			ONE No.: -884-4666		Addition	IAL CON	TACT NO.:
ADDRESS: 14	35 Esplana	de Ave.							
CITY: Klamath	Falls		STATE: 0	R Zi P:	97601	E-MAIL: dscalas	s@adkinsengi	neering.c	om
rested Well	Informa	tion (plea	se attach well le	og(s) if a	vailable):				<u> </u>
WELL LOG # (EX: MARI 99999)		TAG#	WELL NAME OR #		. В ВЕРТН	ORIGINAL OWNER	DATE DR	RILLED	TEST DATE
KLAM 1412	9 L- N/	Α	Well 1		220'	WR Owens	10/15/1	960	2/24/2022
CONTINUED)									
TWP RN6 (Ex: 25S) (Ex: 3		QQ (Ex: SE/SW)			PED LOCATIO		LATITU (Ex: 44.944		LONGITUDE (Ex: -123.02787000)
(Ex: 258) (Ex: 31 39S 8E		NE SE				Corner of Section 7	42.1890		-121.91428790
G- 11994		G- 1107	' 9	т.				<u> </u>	No (Need MWE Form)
APPLIC	ATION		PERMIT	Т	RANSFER	CERTIF	ICATE		HE TESTED WELL AN
G- 11994		G- 1107	' 9	T-				⊙ Yes	No (Need MWE Form)
G- 3112		G- 2907	,	T- 13595				⊙ Yes	No (Need MWE Form)
G-		G-		T-					
Nearby We	lls and S	treams: F	Please check ves	<u> </u>	not leave	blank.		Yes	No (Need MWE Form)
No Are the	ere any w If yes, i distan d If possi	ells, other dentify the e to each ble, indica nped, if a	well by OWRD well from the te	or no. Do r stock we log numb sted well a rned on c	ells, within er or attacl and the ap or off during	blank. 1000 feet of the tent a copy of the webroximate pumping the test or within DATE & TIME PUMP ON	ell log. Note ng rate of e 24 hours p	the apeach.	proximate the test (Indicate
	ere any w If yes, i distan d If possi	ells, other dentify the e to each ble, indica nped, if a	than domestic of well by OWRD well from the teste if they were topplicable).	or no. Do r stock we log numb sted well a rned on c	ells, within er or attacl and the ap or off during	1000 feet of the ten a copy of the webroximate pumpling the test or within	ell log. Note ng rate of e n 24 hours p	the apeach.	proximate the test (Indicate
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WELL LOG# (EX: MARI 99999) Yes Is ther	ere any w If yes, i distant If possi Not Pur e a lake, If yes, g water an Well ele the test co	ells, other dentify the ce to each ble, indica mped, if a BEARIN stream or give approad the well evation is a multiple of the decind of the well evation is a multiple of the well evation in the well evation is a multiple of the well evaluation.	than domestic of well by OWRD well from the texte if they were topplicable). G & DISTANCE FROM the surface was above the surface was above the surface the surface was above to surface was above the surface was above to surface was above the	r stock we log numb sted well a urned on com Pumped Well atter body water body water be of the water was compared to the w	ells, within er or attacl and the ap or off during VELL (FT) within ¼ m well and ap body. ell? discharged	1000 feet of the ten a copy of the webroximate pumping the test or withing the test or withing DATE & TIME PUMP ON le of the tested webroximate elevation proximate distribution proximate elevation proximat	DATE & TIP PUMP OFF ell? on difference ance: 950 vation diffe	the appeach. prior to	PUMPING RATE (GPM) een the surface

Additional forms can be found at: https://www.oregon.gov/owrd/Forms/Pages/default.aspx.



PUMP TEST FORM COVER SHEET

Water-Level Measurement Me Length of air line (if used):	ethod: Electric Tape	*Verify here	.: Airline:	psi	feet
Length of air line (if used): *Airline measurements must be		 .	L E-Tape: 300		feet
*Airline measurements must be	verified by an E-Ta	pe measurement			
Pressure transducer (if used): Manufacturer:	Sorial #:		Pump Type: Turbine		
Date Last Calibrated:	Seriai #	Inite:	HP: 190 Pum	p set at: Unknown	feet
			Pump idle time: 16 ho	-	
Discharge Measurement Meth Flowmeter (if used):	IOQ: Plowmeter		, <u></u>		
Manufacturer: Zenner	Sorial #: 1	0173231	Note: Well must be idle for		
Date Last Calibrated: Unknow	Serial #i	Inite: gallone	test. Additional forms can be	e obtained from our wet NRD/Forms/Pages/default.asp:	
				VKD/Forms/Fages/default.asp/	<u> </u>
Measuring Point (MP): Measu	ring point distance	above land surface	2.1 feet.		
Description (e.g., top port of	1 inch port pipe, we	est side) 3/4" port on th	ne rim of the pump located on th	e north side of the well	
Time pump turned on: Date 2	2/24/2022	Time 9:40am			
Time pump turned off: Date 2	2/24/2022	Time 1:40pm			
Time pump turned on: Date 2 Time pump turned off: Date 2 Total pumping time: 4		hours 0	_minutes.		
Remember, your pump test n					
_	•		_		
The discharge rate wa					
✓ The pump was on dur					
			least once every hour dur	ing the test.	
✓ Water levels were me			o percent. es in the hour before pum	ning hogen of no k	
than 20 minutes apart.		ed at least tifee time	es in the hour before pum	ping began at no is	388
		ified intervals during	the pumping phase of the	n tost for at loast fo	
			utes, and ≤15 min for the		
Water levels were me					
hours or until 90 perce				priase of the test	101 100
			ape and the depth to wate	er was > 300 feet	
✓ The pump test cover s				3. Wao = 000 100t.	
			e (anticipated) pumping ra	ate during normal u	ise of
the well.	, 40 0,000 40 ,0400	many possible to the	(aa.pa.ca) papg	nto dannig nonnan a	
✓ The well was idle for a	at least 16 hours pr	ior to the test.			
			son (Oregon licensed wa	ter well constructor	rs:
Oregon registered pro	fessional geologists	s or certified engine	ering geologists; certified	water rights exami	ners;
			ose primary occupation in	nvolves, wholly or i	in
significant part, pump	installation, service	e, or testing).			
*This checklist is intended reserves all authority perta	for information purpo ining to the impleme	eses only and does not ntation of the rules und	guarantee a pump test appi ler OAR 690-217.	oval. The Departmen	nt
Pump tests are intended to prosolve well problems (OAR 690-		ell information for gro	ound water resource chara	acterization and to	help
,	` ''			Droen.	
Pump test requirements for OAF https://secure.sos.state.or.us/oa			ID OARD=18dwl.vneVAPN	SOUNDANTERINE	7 1
scp4Hfil-1ftsDAAEsMC2 ROS			D CARD-IBOWEYIISTALIO	-	3 865/
	Attn: Certificates Se		Resources Department	MAY 09 202	
Forms may additionally be sent			,	OWRD)
I hereby certify that this test			-		
Lin	ias peen conduct	ew iii accordance v	,	2022	
OPERATOR SIGNATURE: \			$\underline{\hspace{0.5cm}}^{\hspace{0.5cm}DATE}$: $\underline{\hspace{0.5cm}}^{\hspace{0.5cm}\mathcal{A}0.5c$	vod	
OWNER SIGNATURE:			DATE:		



PUMP TEST FORM DATA SHEET

Page 1 of 2

WELL LOG # (EX: MARI 99999)	WELL TAG # (EX: L-999999)	WELL NAME OR #	WELL DEPTH	ORIGINAL OWNER	DATE DRILLED	TEST DATE
KLAM 14129	L- N/A	Well 1	220'	WR Owens	10/15/1960	2/24/2022

Date	Time	Time Since Pumping Started (min)	Depth to Water Below MP	Discharge Rate (gpm, cfs,	Phase (Pre- Test, Pumping, Recovery)	Airline or Shut-in Pressure (psi)	Flowmeter Reading (if available)	Comments
2/24/2022	9:00 am	0	147.5'	0	Pre-test			
2/24/2022	9:20 am	0	147.5'	0	Pre-test			
2/24/2022	9:40 am	0	147.5'	0	Pre-test			Pump Turned On
2/24/2022	9:42 am	2	147.8'		Pumping			
2/24/2022	9:44 am	4	147.9'		Pumping			
2/24/2022	9:46 am	6	148.0'		Pumping			
2/24/2022	9:48 am	8	147.8'		Pumping			
2/24/2022	9:50 am	10	147.8'	300 GPM	Pumping			
2/24/2022	9:55 am	15	148.1'		Pumping			
2/24/2022	10:00 am	20	147.9'		Pumping			
2/24/2022	10:05 am	25	148.0'		Pumping	_		
2/24/2022	10:10 am	30	148.0'		Pumping	-		
2/24/2022	10:25 am	45	147.8'		Pumping			
2/24/2022	10:40 am	60	147.9'	300 GPM	Pumping			
2/24/2022	10:55 am	75	148.0'		Pumping			
2/24/2022	11:10 am	90	147.8'		Pumping			
2/24/2022	11:25 am	105	147.9'		Pumping			
2/24/2022	11:40 am	120	147.8'	300 GPM	Pumping		_	_
2/24/2022	11:55 am	135	147.8'		Pumping			
2/24/2022	12:10 pm	150	147.9'		Pumping			
2/24/2022	12:25 pm	165	147.9'		Pumping	-		
2/24/2022	12:40 pm	180	147.7'	85 GPM	Pumping			
2/24/2022	12:55 pm	195	147.7'		Pumping			
2/24/2022	1:10 pm	210	147.7'		Pumping			
2/24/2022	1:25 pm	225	147.9'	300 GPM	Pumping			
2/24/2022	1:40 pm	240	147.8'		Pumping	-		Pump Turned Off
						,		
							DEAE	# K = (=)
							RECEI	AER
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PUMP TEST FORM DATA SHEET

Page 2 of 2

WELL LOG # (EX: MARI 99999)	WELL TAG # (EX: L-999999)	WELL NAME OR #	WELL DEPTH	ORIGINAL OWNER	DATE DRILLED	TEST DATE
KLAM 14129	L- N/A	Well 1	220'	WR Owens	10/15/1960	2/24/2022

Date	Time	Time Since Pumping Started (min)	Depth to Water Below MP	Discharge Rate (gpm, cfs,	Phase (Pre- Test, Pumping, Recovery)	Airline or Shut-in Pressure (psi)	Flowmeter Reading (if available)	Comments
2/24/2022	1:42 pm	242	147.6'		Recovery			
2/24/2022	1:44 pm	244	147.5'		Recovery			
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				1				

ATTACHMENT F Theoretical Pump Capacity Calculations

Pump Capacity Calculation Sheet

using Department designed formula:

(hp)(efficiency) / (lift + psi head) = capacity in cfs

Efficiency:

Centrifugal = 6.61 Turbine = 7.04

Data Entry (fill in underlined blanks)

Results Calculated

(hp)(efficiency) = 281.6 Head based on psi = 71.1 Total dynamic head = 219.2 (head + lift)

Pump Capacity = 1.28 cubic feet per second

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MAY 09 2022

OWRD

Date: 2/24/2022

Well Pump

Pump Capacity Calculation Sheet

using Department designed formula:

(hp)(efficiency) / (lift + psi head) = capacity in cfs

Efficiency:

Centrifugal = 6.61 Turbine = 7.04

Data Entry (fill in underlined blanks)

$$\begin{array}{ccc} \text{HP} = & 7.5 \\ \text{Efficiency} = & 6.61 \\ \text{Lift} = & 37 \\ \text{PSI} = & 28 \end{array}$$

Results Calculated

(hp)(efficiency) = 49.575 Head based on psi = 71.1 Total dynamic head = 108.1

(head + lift)

Pump Capacity = 0.46 cubic feet per second

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OWRD

Date: 2/24/2022 Booster Pump

ATTACHMENT G Well Log KLAM 14129

KLAM 14129

ORIGINAL WATER WE	LL REPORT State Well No. 39/8-\$71
The miles of a smith that	FOREGON G3112 State Permit No.
(1) OWNER: Name WR OWENS Address FORT KLAMATA	(11) WELL TESTS: Drawdown is amount water level is lowered below static level was a pump test made? The I no If yes, by whom Yield: gal./min, with ft. drawdown after hrs.
ORegon	<u> </u>
(2) LOCATION OF WELL: County KLAMATA Owner's number, if any— 14 14 Section T. R. W.M.	Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Date Temperature of water 5 Was a chemical analysis made? Yes
Bearing and distance from section or subdivision corner ROUND LAKE	(12) WELL LOG: Diameter of well inches. Depth drilled 220 ft. Depth of completed well 220 ft. Exemption Describe by color observers described and structure and
	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.
	MATERIAL FROM TO
(3) TYPE OF WORK (check): New Well Deepening Reconditioning Abandon Deepening Tabandonment, describe material and procedure in Item 11.	
PROPOSED USE (check): (5) TYPE OF WELL:	Sheet ATTAChed
Domestic Industrial Municipal Rotary Driven Cable Jetted Dug Bored	
(6) CASING INSTALLED: Threaded □ Welded □ 1600 Diam. from T. 1/2 ft. to 5.3 ft. Gage 250 "Diam. from ft. to ft. Gage	
(7) PERFORATIONS: Perforated? Yes Type of perforator used SIZE of perforations in. by in.	
perforations from ft. to ft. to ft. to ft.	MAY 0.9 2022
perforations fromft. toft.	
perforations fromft, toft.	
(8) SCREENS: Well screen installed Yes Name	
Model No.	
Slot size	Work started 9/9/60 19 . Completed 10/15 1960
(9) CONSTRUCTION: Was well gravel packed? Yes Size of gravel:	(13) PUMP:
Gravel placed from ft. to ft.	Manufacturer's Name Type: H.P.
Was a surface seal provided? ☐ Yes ☐ No To what depth? 53	Well Deller's Statement
Material used in seal— <u>GROUTE</u> Well Driller's Statement: Did any strata contain unusable water? Yes (1) No This well was drilled under my jurisdiction and this rep	
Type of water? Depth of strata true to the best of my knowledge and belief.	
Method of sealing strata off	NAME ESTORE (Person, firm, or corporation) (Type or print)
(10) WATER LEVELS: Static level 450 ft. below land surface Date 10/15/60 Artesian pressure lbs. per square inch Date	Address #237 Summers Lave K FALLS Driller's well number
Log Accepted by:	2 Q Min
[Signed]	License No Date



KLAM 14129

E. E. STOREY

Well Drilling

TUxedo 4-3990

4237 Summers Lene
KLAMATH FALLS, OREGON

W.R. OWENS ROUND LAKE KLAMATH FALLS, OREGON

Started 9/9/60

Finished 10/15/60

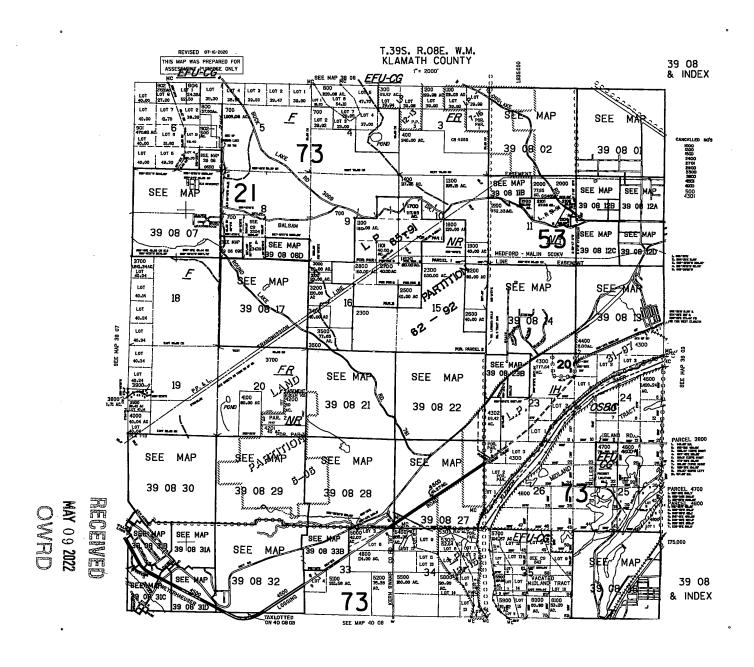
39/8-ZJ

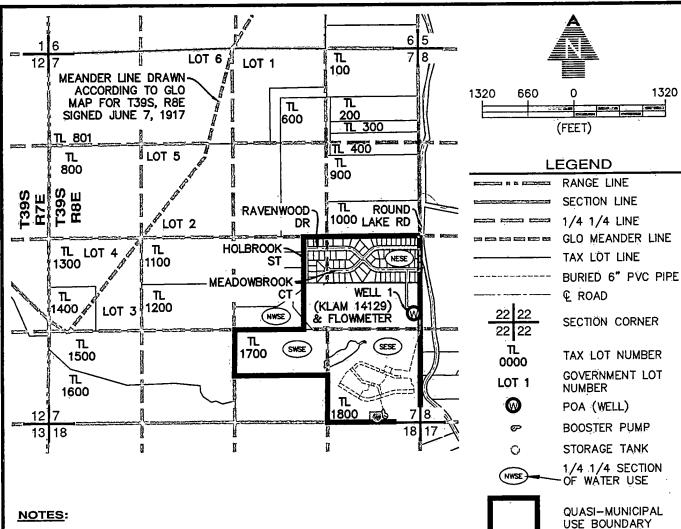
LOG WELL # 1

0 - 5	surface soil and pea gravel
5 - 11	brown basalt boulders
11 - 14	brown clay
14 - 19	brown basalt boulders
19 - 25	brown clay and boulders
25 - 50	gray basalt boulders
50 - 60	brown lave
60 - 61	brown clay
61 - 68	
68 - 81	brown clay
31 - 83	red lava ash
33 - 100	brown lava
100 - 115	brown shale
115 - 125	brown lava
125 - 138	blue shale-
138 - 154	gray basalt
154 - 190	brown la va
190 - 210	broken brown lava
210 - 217	gray basalt
217 - 220	broken gray basalt
	· · · · · · · · · · · · · · · · · · ·

Static water Revelt R50*
Pumped 2400 GPM with 9* drawdown
54* 6* - 16* OD X .250 wall casing with Peugh shoe
Ten sacks readymix celent around casing
Temperature 54 degrees

ATTACHMENT H Klamath County Tax Map T39S-R8E





- 1. THIS MAP WAS PREPARED FROM FIELD MEASUREMENTS, NAIP 2022 AERIAL PHOTOGRAPH, 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 THIS PERMIT IS DECEMBER 7, 1989.

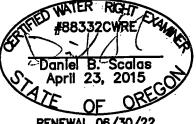
WELL LOCATION:

WELL 1 (KLAM 14129): 1055' SOUTH & 94' WEST FROM THE EAST 1/4 CORNER OF SECTION 7.



MAY 09 2022

OWRD



RENEWAL 06/30/22

o / 541.884.4666 w / AdkinsEngineering.com **ENGINEERING & SURVEYING**

1435 ESPLANADE AVENUE, KLAMATH FALLS, OR 97601

SERVING S. OREGON & N. CALIFORNIA

ENGINEERING - SURVEYING - PLANNING - TESTING

3791-02

CLAIM OF BENEFICIAL USE AND FINAL PROOF MAP

FOR ROUND LAKE MHP LLC T39S, R8E, SEC. 7, WM KLAMATH COUNTY, OREGON PERMIT G-11079 APPLICATION G-11994

3/17/2022