

**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

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

A separate form shall be completed for each permit.

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

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

1. File Information:

APPLICATION # G-12610	PERMIT # (IF APPLICABLE) G-16405	PERMIT AMENDMENT # (IF APPLICABLE) T-
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Burns Paiute Tribe		PHONE NO. 541-236-8008	ADDITIONAL CONTACT NO.
ADDRESS 100 Pasigo Street			
CITY Burns	STATE OREGON	ZIP 97720	E-MAIL keith.macegeagh@burnspaiute-nsn.gov

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

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

PERMIT HOLDER OF RECORD Same, updated address above		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:

July 28, 2021 (aerial review November 2011)
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5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Kenton Dick	July 28, 2021	Tribe Planner/Emergency Preparedness Coordinator (since retired)

6. County:

Harney

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 N/A		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

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**SECTION 2
SIGNATURES**

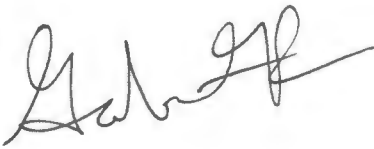
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CWRE Statement, Seal and Signature

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

Seal and Signature



Gabe First Raised, Burns Paiute Tribal
Council Acting Chairperson



CWRE NAME James B. Newton		PHONE NO. 360-907-4162	ADDITIONAL CONTACT NO.
ADDRESS 21145 Scottsdale Drive			
CITY Bend	STATE OREGON	ZIP 97701	E-MAIL newtonjim@hotmail.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
<i>See Signature Above</i>	<i>Gabe First Raised</i>	<i>Council Acting Chairperson</i>	<i>2/22/2024</i>

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SECTION 3
CLAIM DESCRIPTION

1. 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)
Well	HARN-279	N/A

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 NAME OR NUMBER	SOURCE BASIN LOCATED WITHIN	TRIBUTARY
Well	Harney Basin Aquifer	Silvies River

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

POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Well	Irrigation	Hay Feed	March 1 – October 31	1.4 cfs
Total Quantity of Water Used				1.4 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:

The well (HARN-279) pumps groundwater from a 60 Hp line shaft turbine pump & motor with a dedicated power meter into a pressurized pipeline consisting of 12-inch down to 3-inch diameter Class 120 PVC pipeline to risers that allow for connection of wheel lines and handlines for difficult to traverse areas. The mainline is also equipped with an 8" Seametrics flow meter. The wheel lines and handlines are equipped with impact sprinklers with 5/32" nozzles (field measured) and based on review with Kenton Dick, up to 5 wheels lines or assorted, could be operated at a time.

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, permit amendment final order, or extension final order? If yes, describe below.

YES NO

(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.")

N/A

6. Claim Summary:

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POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well	1.4 cfs	2.5 cfs	1.53*	Irrigation	112.2	112.2

*Flow measurement reported on Well Test Cover Sheet conducted by Jay Nelson, dated 10/15/1992, included in attachments.

SECTION 4 SYSTEM DESCRIPTION

Are there multiple POAs?

YES **NO**

If "YES" you will need to copy and complete a separate Section 4 for each POA.

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

N/A

A. Place of Use

1. Is the right for municipal use?

YES **NO**

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
23 S	30 W	W.M.	01	NW-NE	N/A	N/A	Irrigation	0.7	N/A
				NE-NE	N/A	N/A	Irrigation	0.8	N/A
				SW-NE	N/A	N/A	Irrigation	7.1	N/A
				SE-NE	N/A	N/A	Irrigation	19.5	N/A
				NE-SE	N/A	N/A	Irrigation	24.6	N/A
				NE-SE	N/A	N/A	Irrigation	4.2	N/A
				SE-SE	N/A	N/A	Irrigation	20.0	N/A
				SE-SE	N/A	N/A	Irrigation	9.0	N/A
			12	NE-NE	N/A	N/A	Irrigation	10.8	N/A
				NE-NE	N/A	N/A	Irrigation	3.1	N/A
				NW-NE	N/A	N/A	Irrigation	9.4	N/A
				NW-NE	N/A	N/A	Irrigation	3.0	N/A
Total Acres Irrigated									

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

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B. Groundwater Source Information (Well)

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1. Is the appropriation from a well?

YES NO

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

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

Port in base of well motor discharge head.

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

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
See Well Log						
HARN-279						

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.

See attached Well Log HARN-279

C. Groundwater Source Information (Sump)

1. Is the appropriation from a dug well (sump)?

YES NO

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

Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

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 and apply the water from the point of appropriation to the place of use.

1. Is a pump used?

YES NO

If "NO" items 2 through item 6 may be deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Unknown*	Unknown	Unknown	Line-Shaft Turbine	Unknown	Unknown

*Specific details of the well pump are unknown, as the pump was previously installed and information was not provided at time of inspection or since.

3. Motor Information:

MANUFACTURER	HORSEPOWER
US Motor; Line-Shaft Turbine	60 Hp
	Motor ID # R-2841-03-H-454

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4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
60 Hp	42 (see attached documents on system)	62 (recorded during pump test)	0-feet	2.5 cfs (see attached OWRD Pump Calculator sheet)

5. Provide pump calculations:

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See attached OWRD Pump Calculator values.

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

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

• See attached Pump Form; performed by Jay Nelson of Home & Ranch Pump Division, dated 10/15/1992.

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

7. Is the distribution system piped?

YES NO

If "NO" items 8 through item 13 may be deleted.

8. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
12"	1100'	Class 120 PVC	Above Ground
10"	150'	Class 120 PVC	Above Ground
8"	2100'	Class 120 PVC	Above Ground
6"	1250'	Class 120 PVC	Above Ground
3"	200'	Class 120 PVC	Class 120 PVC

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9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
3"	40'	Aluminum	Above Ground

10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
3/16"	42 psi	6.4 gpm	110	110	1.56 cfs

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

11. Drip Emmitter Information:

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
N/A					

12. Drip Tape Information:

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

13. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
N/A				

E. Storage

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

YES NO

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

YES NO

G. Gravity Flow Canal or Ditch

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

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

YES NO

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

H. Additional notes or comments related to the system:

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SECTION 5 CONDITIONS

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

1. Time Limits:

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

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	Nov 28, 2008		
BEGIN CONSTRUCTION (A)	Existing Prior to Permit Issuance	Nov 28, 2008	Existing Irrigation System as of Permit Issuance
COMPLETE CONSTRUCTION (B)		Nov 28, 2008	Existing Irrigation System as of Permit Issuance
COMPLETE APPLICATION OF WATER (C)	Nov 28, 2013	Nov 2011	Based on aerial photos & reported water use by power meter records, Nov 2011 complete application documented

* 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 NO

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

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement? YES NO

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

4. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? YES NO

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

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5. Pump Test:

a. Did the permit require the submittal of a pump test? * **YES** NO

***The attached pump test was completed by Jay Nelson of Home & Ranch, Pump Division dated 10/15/92, it is unknown if this pump test was previously submitted to the OWRD, or if it was previously approved.**

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>

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

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

c. Is the pump test attached to this claim? **YES** NO

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

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

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

6. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device? **YES** NO

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

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed? **YES** NO

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well	Seametrics (digital meter)	Unable to locate	Unknown	Unknown	Unknown
Well	OTEC Power Meter	50737432	Reported working by OTEC	45081 KWH at end of completion period dated 10/29/2013 by OTEC	10/11/11, based on power records from OTEC

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

7. Recording and reporting conditions:

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

If "NO", item b relating to this section may be deleted.

b. Have the reports been submitted? **YES** **NO**

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

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

- a. Were there special well construction standards? **YES** **NO**
- b. Was submittal of a ground water monitoring plan required? **YES** **NO**
- c. Was submittal of a water management and conservation plan required? **YES** **NO**
- d. Was a Well Identification Number (Well ID tag) assigned and attached to the well? **YES** **NO**

WELL ID #	DATE ATTACHED TO WELL
N/A	

e. Other conditions? **YES** **NO**

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

N/A

**SECTION 6
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
Permit G-16405	Water Right Permit
Well Pump Test	Conducted by Jay Nelson, Home & Ranch, Pump Division dated 10/15/1992
Well Log	HARN-279
Pump Capacity Calculation Sheet	OWRD [Excel] Pump Calculator to meet Theoretical Pump Capacity Calculation Requirement
Figure 1.	Site Plan Aerial View dated November 2011 obtained from Google Earth Pro
Figure 2.	Claim of Beneficial Use Map – Permit G-16405
Email – Watermaster	Meter acceptance email

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SECTION 7

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CLAIM OF BENEFICIAL USE MAP

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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.

A site visit was conducted with Kenton Dick of the Burns Paiute Tribe on July 28, 2021 to document the water system that was in place at time of beneficial use, which included the well, motor, and piping distribution and wheels lines. Using available dated aerial photos provided by Google Earth Pro were reviewed for past use prior to the C-date of the permit and to confirm location of place of use at the time of dated aerial photo. Additional details related to the well, dedicated well motor power meter, additional flow meter locations and power records were documented during the site visit and/or by contacting the power company, OTEC, to confirm water usage for reporting water usage prior to the C-date.

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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
- 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
- Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- Point(s) of diversion or appropriation (illustrated and coordinates)
- Tax lot boundaries and numbers
- 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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Permit G-16405

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STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

BURNS PAIUTE INDIAN RESERVATION
BUREAU OF INDIAN AFFAIRS
WARM SPRINGS AGENCY
PO BOX 1239
WARM SPRINGS OR 97761-1239

The specific limits for the use are listed below along with conditions of use.

APPLICATION FILE NUMBER: G-12610

SOURCE OF WATER: A WELL IN THE SILVIES RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 112.2 ACRES

RATE OF USE: 1.4 CUBIC FEET PER SECOND

PERIOD OF ALLOWED USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 15, 1991

POINT OF DIVERSION LOCATION: NE 1/4 SE 1/4, SECTION 1, T23S, R30E, W.M.; 22 FEET SOUTH AND 11 FEET WEST FROM THE E 1/4 CORNER OF SECTION 1

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

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 NE 1/4	0.8 ACRE
NW 1/4 NE 1/4	0.7 ACRE
SW 1/4 NE 1/4	7.1 ACRES
SE 1/4 NE 1/4	19.5 ACRES
NE 1/4 SE 1/4	28.8 ACRES
SE 1/4 SE 1/4	29.0 ACRES

SECTION 1

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NE 1/4 NE 1/4 13.9 ACRES
NW 1/4 NE 1/4 12.4 ACRES
SECTION 12
TOWNSHIP 23 SOUTH, RANGE 30 EAST, W.M.

Measurement, recording and reporting conditions:

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

STANDARD CONDITIONS

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

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may not be valid, unless the Department authorizes the change in writing.

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

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The well(s) 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.

If the riparian area is disturbed in the process of developing a point of diversion, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR Chapter 635, Division 415, Section 030 adopted November 13, 1991 shall be followed.

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

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

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

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

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

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

Actual construction of the well shall begin within one year from permit issuance.

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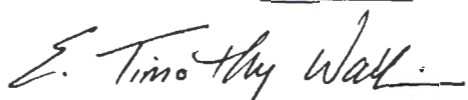
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Complete application of the water to the use shall be made on or before October 1, 2013. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued November 28, 2008



for Phillip C. Ward, Director
Water Resources Department

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Well Pump Test

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Oregon Water Resources Department
PUMP TEST COVER SHEET

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Well Owner:

Name Burns Paiute Indian Reservation
 Address HC 71
 City, State, Zip Burns, OR 97720
 County Harney

Well Location:

Township _____ (N or S), Range _____ (E or W)
 Section 1/4, 1/4, 1/4
 Well Depth _____ Date Drilled _____
 Owner's Well No. (if any) _____
 POD-ID _____

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Water Right Information:

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

Pump Test:

Test conducted by Jay Nelson Well Owner? No (Y/N)
 Company Ranch & Home, Inc. Pump Division
 Address 13103 Hwy 20 West Date of Test 10/15/92
 City, State, Zip Burns, Or. 97720

Method of Discharge Measurement Doppler Flow Meter
 Method of Water Level Measurement Air Line
 Depth of Air Line (if used) 100'
 Pump Type (Turbine, Submersible, etc.) Turbine
 Was pump test conducted during normal use of the well Yes (Y/N)

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

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? No (Y/N) If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test _____

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

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

Time: <u>7:00 AM</u>	Depth to Water: <u>20'</u>	(ft/in)
Time: <u>7:20 AM</u>	Depth to Water: <u>20'</u>	(ft/in)
Time: <u>7:40 AM</u>	Depth to Water: <u>20'</u>	(ft/in)

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

Time: <u>8:00</u>	Discharge Rate: <u>687</u>	(gpm)
Time: <u>9:00</u>	Discharge Rate: <u>687</u>	(gpm)
Time: <u>10:00</u>	Discharge Rate: <u>687</u>	(gpm)
Time: <u>11:00</u>	Discharge Rate: <u>687</u>	(gpm)
Time: <u>12:00</u>	Discharge Rate: <u>687</u>	(gpm)

Pump turned on: Date: 10/15 Time: 8:00 Pump turned off: Date: 10/15 Time: 12:00
 Total pumping time: 4 hours, -0- minutes.

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

PUMP TEST DATA SHEET

APPLICATION NO. _____ PERMIT NO. _____ P.O.D.-ID _____

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

DRAWDOWN DATA							RECOVERY DATA						
DATE	TIME	TIME SINCE PUMP STARTED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS	DATE	TIME	TIME SINCE PUMP STOPPED (minutes)	DEPTH TO WATER FROM MEASURING PT	CORRECTION FACTOR	DEPTH TO WATER FROM GROUND LEVEL	COMMENTS
10/15	7:00				20'		10/15		12:02			62'	
	7:20				20'				12:04			52'	
	7:40				20'				12:06			45'	
	7:50				20'				12:08			33'	
	8:00				20'				12:10			27'	
	8:02				45'								
	8:04				57'								
	8:06				60'								
	8:08				60'								
	8:10				60'								
	8:15				60'								
	8:20				60'								
	8:25				60'								
	8:30				60'								
	8:35				60'								
	8:40				60'								
	8:45				60'								
	9:00				60'								
	9:15				61'								
	9:30				61'								
	9:45				61'								
	10:00				61'								Received by OWRI
	10:15				62'								FEB 29 2024
	10:30				62'								Salem, OR
	10:45				62'								
	11:00				62'								
	11:15				62'								
	11:30				62'								
	11:45				62								
	12:00				62'								

OWRD WELL LOG
HARN-279

Received by OWRD

FEB 29 2024

Salem, OR

NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

Warm 279

RECEIVED

WATER WELL REPORT 1974

da

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion.

STATE OF OREGON STATE ENGINEER SALEM, OREGON

State Well No. 235/30E-1

State Permit No.

Warm Springs Indian Agency - BIA, P.O. Box 3785, Portland, Ore.

(1) OWNER:

Name Burns Paiute Tribe
Address Burns Reservation

(2) TYPE OF WORK (check):

New Well [X] Deepening [] Reconditioning [] Abandon []

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [] Driven []
Cable [X] Jetted []
Dug [] Bored []

(4) PROPOSED USE (check):

Domestic [] Industrial [] Municipal []
Irrigation [X] Test Well [] Other []

(5) CASING INSTALLED:

12" Diam. from 0 ft. to 230 ft. Gage 260
" Diam. from ... ft. to ... ft. Gage ...
" Diam. from ... ft. to ... ft. Gage ...

(6) PERFORATIONS:

Perforated? [] Yes [X] No.

Type of perforator used

Size of perforations in. by in.
perforations from ... ft. to ... ft.
perforations from ... ft. to ... ft.
perforations from ... ft. to ... ft.
perforations from ... ft. to ... ft.
perforations from ... ft. to ... ft.

(7) SCREENS:

Well screen installed? [] Yes [X] No

Manufacturer's Name ... Model No. ...
Type ... Slot size ... Set from ... ft. to ... ft.
Diam. ... Slot size ... Set from ... ft. to ... ft.

(8) WATER LEVEL: Completed well.

Static level 71 ft. below land surface Date 2/27/74
Artesian pressure ... lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? [X] Yes [] No If yes, by whom? Self
Well: 1352 gal./min. with 74 ft. drawdown after 110 hrs.

Bailer test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water 57 Was a chemical analysis made? [] Yes [X] No

(10) CONSTRUCTION:

Well seal-Material used cement
Depth of seal 25 ft.
Diameter of well bore to bottom of seal 20 in.
Were any loose strata cemented off? [] Yes [X] No Depth
Was a drive shoe used? [X] Yes [] No
Did any strata contain unusable water? [] Yes [X] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [] Yes [X] No Size of gravel:
Gravel placed from ... ft. to ... ft.

(11) LOCATION OF WELL:

County Harney Driller's well number 1
NE 1/4 SE 1/4 Section 1 T. 23S R. 30E W.M.
Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 242 ft. Depth of completed well 242 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

Table with columns: MATERIAL, From, To, SWL. Rows include Top Soil, Yellow Clay, Cemented Gravel, Blue Clay, Coarse Gravel, Blue Clay, Sand Stone, Gravel & Clay, Cemented Gravel, Sand Stone, Blue Clay, Coarse Gravel.

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Salem, OR

Work started 1/14 1974 Completed 2/27 1974

Date well drilling machine moved off of well 2/4 1974

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] ... Date 2/27, 1974 (Drilling Machine Operator)

Drilling Machine Operator's License No. 269

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME JOHN W. ROSSBERG (Person, firm or corporation) (Type or print)

Address ...

[Signed] ... (Water Well Contractor)

Contractor's License No. 272 Date 2/27, 1974

Pump Capacity Calculation Sheet

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Permit G-16405 COBU Theoretical Calculations

Pump Capacity Calculation Sheet

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61 75% assumed
Turbine = 7.04 80% assumed

Data Entry (fill in underlined blanks)

HP = 60
Efficiency = 7.04
Lift = 62 Based on well test drawdown conducted by Jay Nelson
PSI = 42 Based on notes from irrigation installation

Results Calculated

(hp)(efficiency) = 422.4
Head based on psi = 106.7
Total dynamic head = 168.7
(head + lift)

**Pump Capacity = 2.50 feet per second
 1,124 gallons per minute**

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FIGURES

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Salem, OR

Email - Watermaster

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FEB 29 2024

Salem, OR

RE: Acceptable Metering Device

SWINDLEHURST Donald S * WRD <Donald.S.SWINDLEHURST@water.oregon.gov>

Fri 2/16/2024 12:32 PM

To: jim newton <newtonjim@hotmail.com>

Jim,

We agree that power meter readings and flow meter are acceptable measuring devices.

Don

From: jim newton <newtonjim@hotmail.com>

Sent: Wednesday, February 14, 2024 6:11 PM

To: SWINDLEHURST Donald S * WRD <Donald.S.SWINDLEHURST@water.oregon.gov>

Subject: Acceptable Metering Device

You don't often get email from newtonjim@hotmail.com. [Learn why this is important](#)

Hi Don,

I have been working on an old COBU for permit G-16405 and the last item for submittal is approval of the meter/measurement device.

The well in question is powered by a dedicated power meter and also has a Seametrics digital mag meter. The dedicated power meter has power records available as far back as 2011, which is good, since the C-date was October 1, 2023, as I am also filing the pre-C-date water use records based on the meter readings to meet compliance with the permit condition for water use reporting.

With this, I am formally requesting acceptance of the OTEC dedicated power meter as a suitable measurement device. If you have questions regarding this request, please contact me at your earliest convenience.

Best,

~Jim

Jim Newton, PE, RG, CWRE

Principal - Engineer-Geologist

Cascade Geoengineering, LLC

21145 Scottsdale DR

Bend, Oregon 97701

360-907-4162

www.cascadegeoengineering.com

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