

**CLAIM OF
BENEFICIAL USE
for Reservoir Permits by CWREs
(not self-certified)**



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 permits
with priority dates of July 9, 1987, or later.**

Claims received without the correct fee of \$200 will be returned.

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.

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 # R-85902	PERMIT # (IF APPLICABLE) R-14133	PERMIT AMENDMENT # (IF APPLICABLE)
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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME KATHERINE HU		PHONE NO. 480.233.9439	ADDITIONAL CONTACT NO.
ADDRESS 29 W SOUTHERN AVE			
CITY TEMPE	STATE AZ	ZIP 85282	E-MAIL RODNEY@YUCCATAP.COM

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 ERNEST SINGER		
ADDRESS 2999 SPEAKER RD		
CITY WOLF CREEK	STATE OR	ZIP 97497

ADDITIONAL PERMIT HOLDER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:

DECEMBER 10, 2024

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
RODNEY HU	NOV/DEC 2024	SITE MANAGER

6. County

JOSEPHINE

7. If any property described in the place of use of the permit 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

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.

Seal and Signature



CWRE NAME RICK PARSONS		PHONE NO. 541.499.0257	ADDITIONAL CONTACT NO. 303.667.5067
ADDRESS POB 1831			
CITY JACKSONVILLE	STATE OR	ZIP 97530	E-MAIL RICK.PARSONS@PARSONSWATER.COM

Permit Holders of Record Signature or Acknowledgement

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

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

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	KATHERINE HU	DEED HOLDER	12/20/2024

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SECTION 3
CLAIM DESCRIPTION

1. Reservoir source and, if from surface water, the tributary:

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
SINGER LAKE	WOLF CREEK	GRAVE CREEK

2. Developed use(s), period of use, and acre foot (af) for each use:

RESERVOIR NAME OR NUMBER	USES	SEASON OR MONTHS WHEN WATER WAS APPROPRIATED FOR STORAGE	VOLUME STORED (AF)
SINGER LAKE	FIRE PROTECTION AND WILDLIFE	DEC – MAR	38
Total Quantity of Water Stored			38

3. Provide a general narrative description of the distribution works. This description must trace the water system from each point of diversion to the reservoir:

A 4' x 6' SETTLING BASIN WITH A 16" CMP IS LOCATED ABOUT 60' NORTH OF WOLF CREEK. THE BASIN AND CMP ARE ALONG AN OLD BRAID OF THE RIVER. THE CMP IS ENCASED IN CONCRETE ON THE INLET SIDE OF THE SINGER LAKE DAM. THE CMP GOES THROUGH THE BASE OF DAM WITH OUTFALL NEAR THE TOP (EAST SIDE) OF THIS OFF-CHANNEL RESERVOIR.

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).

4. 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 the development of three reservoirs. The permit holder only developed one of the reservoirs." or "The permit allowed for the storage of 9 acre feet of water. The reservoir was developed to hold 5.2 acre feet.")

THE PERMIT AUTHORIZED A 38 AC-FT WATER RIGHT. THE THREE STORAGE WATER RIGHTS FOR SINGER LAKE AUTHORIZE TOTAL STORAGE OF 50.2 AC-FT (38 AC-FT UNDER R-89502 + 9.6 AC-FT UNDER C-49491 + 2.6 AC-FT UNDER C-55395). THE CURRENT PHYSICAL CAPACITY OF THE RESERVOIR IS ESTIMATED TO BE 38 AC-FT. THEREFORE, ONLY 25.8 AC-FT OF THE R-89502 STORAGE RIGHT HAS BEEN DEVELOPED.

5. Claim Summary:

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
SINGER LAKE	38	25.8

SECTION 4

SYSTEM DESCRIPTION

Are there multiple reservoirs?

YES

☒ NO

If "YES" you will need to copy and complete Sections A through E for each reservoir.

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

A. Reservoir Location

1. Is the reservoir on-channel?

YES

☒ NO

2. Provide dam outlet location and/or point of diversion(s).

TWP	RNG	MER	SEC	QQ	GLOT	DLC	MEASURED DISTANCES
33S	5W	WM	9	SWSW			POD - 600' N 790' E FROM SW CORNER SECTION 9
33S	5W	WM	9	SWSW			OUTLET - 650' N 645' E FROM SW CORNER SECTION 9

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), and Quarter-Quarters (QQ).

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport the water from the point(s) of diversion to the reservoir.

1. Is a pump used?

YES

☒ NO

If "NO" items 2 through item 5 may be deleted.

6. Additional notes or comments related to the system:

C. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAMS FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

☒ YES

NO

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

2. Complete the table:

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)
16"	CMP	130	4"	40'	0.8%	9 CFS MAX

3. Provide calculations:

$$Q = V * A = (1.318 * C) * R^{0.63} * S^{0.54} = (1.318 * 150) * (2 / 12 / 4)^{0.63} * (18 / 320)^{0.54} * [PI * (2 / 2 / 12)^2] = 0.12 \text{ CFS} = 54 \text{ GPM}$$

4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)
N/A			

Attach measurement notes.

D. 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.

E. Reservoir

1. Does the reservoir require the submittal of as-built plans and specifications?

☒ YES

NO

If "YES", answer item 2; items 3 through 8 relating to this section may be deleted.

If "NO", skip items 2; answer items 3 through 8.

2. Complete the table:

HAVE THE DOCUMENTS BEEN SUBMITTED? YES OR NO	WHEN WERE THE DOCUMENTS SUBMITTED?	HAVE THEY BEEN APPROVED BY THE DEPARTMENT?	NUMBER OF ACRE FEET STORED
YES	JAN 2005	YES	38

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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 any extension final orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed 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 extension final order:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	2/10/2005		
BEGIN CONSTRUCTION (A)	2/10/2005	FEBRUARY 2005	DAM AND APPURTENANCES CONSTRUCTED ACCORDING TO APPROVED PLANS AND SPECIFICATIONS
COMPLETE CONSTRUCTION (B)	10/1/2009	SPRING 2005	
COMPLETE APPLICATION OF WATER (C)	10/1/2009	SPRING 2005	RESERVOIR FILLED DURING 2005 RUNOFF SEASON AND EVAP/SEEP LOSSES REFILLED EVERY YEAR WHEN PHYSICAL CREEK FLOWS ARE SUFFICIENT

* 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

3. 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

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

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department?

YES

☒ NO

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

NAME	TITLE	APPROXIMATE DATE

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED

4. 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.

5. Outlet Pipe

a. Is the water user required to install a minimum 8" outlet pipe/conduit?

☒ YES NO

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

b. Has the outlet pipe been installed?

☒ YES NO

If "YES", items c relating to this section may be deleted.

6. Fish Screening

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion?

YES ☒ NO

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

7. By-pass Devices

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion?

YES ☒ NO

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

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

a. Was the water user required to restore the riparian area if it was disturbed?

YES ☒ NO

b. Was a fishway required?

YES ☒ NO

c. Was submittal of a letter from an engineer required prior to storage of water?

☒ YES NO

d. Was submittal of a water management and conservation plan required?

YES ☒ NO

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):

ROUTINE MAINTENANCE SHOULD BE PERFORMED – VEGETATION AND FLOATING DEBRIS HAS BEEN REMOVED AND OUTLET PIPES HAVE BEEN KEPT CLEAR ON A REGULAR BASIS

SECTION 6
ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
OWRD JAN 2005 LETTER	APPROVAL OF DESIGN PLANS.
ENGINEER OF RECORD FEB 2005 LETTER <i>or</i>	CERTIFICATION OF RESERVOIR COMPLETION OF CONSTRUCTION

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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.

GPS, SITE VISIT, CORROBORATE WITH AERIAL PHOTOS

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
- ☒ 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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Oregon

Theodore R. Kulongoski, Governor

January 27, 2005

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

Maurice E. Farr, P.E.
395 NE Kirby Avenue
Roseburg, OR 97470

Re: Singer Reservoir
Application R-85902

Dear Mr. Farr:

Thank you for addressing the concerns that we noted during our review of the preliminary design for the referenced project and for preparing the revised drawings with test data that we received in yesterday's mail from Mr. Singer. We are pleased to inform you that the design plans and specifications have been approved for construction of an earthen dam situated out-of-channel adjacent to Wolf Creek. We understand the project is located in portions of **Sections 8 & 9, T33S, R5W, Josephine County**. One set of signed and approved design plans and specifications have been returned to the applicant.

Attached is a list of conditions that will be included in the Reservoir Permit to help assure that the project is constructed, maintained and operated for benefit of public safety. These conditions are requirements that must be fulfilled throughout the life of the structure, as appropriate. Other conditions unrelated to dam safety may be added during the permitting process. The applicant will be notified by separate letter when a Permit is issued for this project. Please be advised that the failure of the permittee to abide by the terms and conditions of the Permit could result in the Permit being canceled.

As the engineer of record you are responsible for all supervision, inspection and testing during construction necessary to confirm the structure was built according to the approved design that you prepared. We understand construction of the emergency spillway and the inlet gate have not been completed per your design. When construction of the dam is finally complete according to the approved design plans and specifications, please submit the following:

- ▶ Letter of completion certifying that all work was supervised by a licensed engineer and performed in accordance with the approved plans and specifications.
- ▶ Set of quality reproducible asbuilt drawings documenting any changes in the approved design that occurred during construction. If no changes occurred, please state as such in your letter of completion.
- ▶ Revised area-capacity graph or table that accurately reflects the as-constructed reservoir storage capacity and surface area versus pool elevation. To date, we have not received the reservoir surface area graph or table.

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As you are aware, without proper certification the project will not receive a Certificate Of Water Right, which is the final step in the process to obtain a valid water right. Thank you for your cooperation, and please do not hesitate to call if you have any questions.

Sincerely,

John Falk, P.E.
Safety of Dams

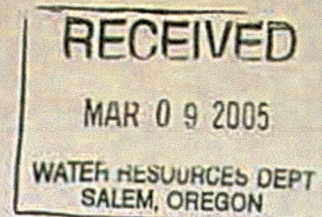
c: Ernie Singer - Applicant
Bruce Sund - District #14
Water Rights Section

enclosure

This is a Final Order in other than a 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).

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Maurice E Farr
Certified Water Right Examiner
395 NE Kirby Avenue
Roseburg, OR 97470
Ph (541) 957-9442



February 25, 2005

TO: Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271

RE: Ernie Singer
2999 Speaker Road
Wolf Creek, OR 97497
Certification of Reservoir Completion of construction

R-85902

Ernest Singer has completed the construction of the reservoir dam and appurtenances according to the approved plans and specifications.

1. Completion of the reservoir embankment to the grades and elevations as shown on the engineer's plans.
2. Completion of the construction of a head gate on the inlet culvert which diverts water from Wolf Creek to the reservoir. The head gate is functional and efficiently closes to prevent water from Wolf Creek from entering the reservoir.
3. Completion of installation of the three 16 inch diameter emergency spillway conduits in the embankment to ensure excess water will be returned immediately to Wolf Creek. The inverts of the three 16 inch diameter conduits were placed approximately two inches above the high water elevation of the surface of the water in the reservoir.
4. Completion of an emergency spillway by lowering the crest of the embankment over the area of the above three 16 inch diameter conduits. The emergency spillway will be used only if a catastrophe were to occur during a 500 year flood which would overflow the embankment in the area of the inlet culvert. The three conduits and the lowered crest would be able to ensure the water would not raise through the six feet of free board to overtop the embankment in the reservoir area.
5. Compaction tests were made and showed 102% to 105% of maximum density.

I believe Ernie Singer has completed all requirements and should be allowed to fill the reservoir and be able to check for possible leaks. If you have further questions, please call me.

Maurice E Farr

Maurice E Farr
Water Right Examiner

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