

Checklist for Claims of Beneficial Use Received at CSG Counter

Application # <u>R-86452</u>	WRD Reviewer <u>Cay M.</u>
Transfer #	
Date Received <u>3/17/2021</u>	
CWRE Name <u>Robert Long</u>	

Priority Date: 11/7/2005

Fees Required:

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

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

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

Fill in App or Transfer Number

Map Review:

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

MONEY SLIP

DATE: _____ RECEIPT #: _____

RECEIVED FROM: _____ APPLICATION: _____
 PERMIT: _____
 TRANSFER: _____

CASH CHECK # _____ OTHER (IDENTIFY) _____ TOTAL RECD. \$ _____

COPIES _____
 OTHER (IDENTIFY) _____

0243 Instream Lease _____ 0244 Mine Water Mgmt. Plan _____ 0245 Cons. Water _____

0243 TREASURY 4179 MISC CASH ACCT. _____

MISCELLANEOUS

0407 COPY & TAPE FEES 4611 \$ _____

0410 RESEARCH FEES \$ _____

0408 MISC REVENUE (IDENTIFY) _____ \$ _____

TC152 DEPOSIT LIND (IDENTIFY) _____ \$ _____

0240 EXTENSION OF TIME _____ \$ _____

WATER RIGHTS

0201 SURFACE WATER EXAM FEE \$ _____ RECORD FEE \$ _____

0203 GROUND WATER \$ _____ 0202 \$ _____

0205 TRANSFER \$ _____ 0204 \$ _____

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR EXAM FEE \$ _____ RECORD FEE \$ _____

LAWYER'S FEE \$ _____ 0219 \$ _____

0220 OTHER (IDENTIFY) COBU \$ _____ 0220 \$ _____

0247 TREASURY 0447 HYDROELECTRIC _____

0233 POWER LICENSE FEE (FWWRD) LIC NUMBER \$ _____

0231 HYDRO LICENSE FEE (FWWRD) \$ _____

HYDRO APPLICATION \$ _____

SPECIAL INSTRUCTIONS:

Report Review:

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

RETURN TO APPLICANT – LETTER ATTACHED

Groundwater File Review: MT

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

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

**CLAIM OF
BENEFICIAL USE
for Reservoir Permits by
CWRE's (not self-certified)**



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 \$200 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 503-986-0900 and ask for the Certificate Section.

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

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

SECTION 1

GENERAL INFORMATION

1. File Information

APPLICATION # R-86452	PERMIT # (IF APPLICABLE) R-14272	PERMIT AMENDMENT # (IF APPLICABLE)
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2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Steve Williams		PHONE NO 503 936 2277	ADDITIONAL CONTACT NO.
ADDRESS 9664 SE Revenue Road			
CITY Boring	STATE OR	ZIP 97009	E-MAIL

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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)

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PERMIT HOLDER OF RECORD Steve Williams			
ADDRESS 9664 SE Revenue Road			
CITY Boring	STATE OR	ZIP 97009	

ADDITIONAL PERMIT HOLDER OF RECORD			
ADDRESS			
CITY	STATE	ZIP	

4. Date of Site Inspection:

July 28, 2020

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Steve Williams	July 28, 2020 and October 14, 2020	Landowner and Permit Holder

6. County

Clackamas

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**

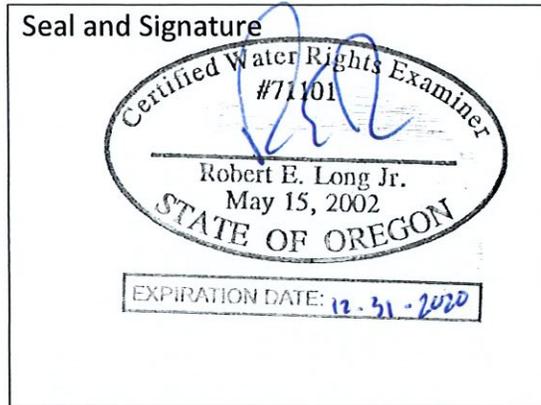
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CWRE Statement, Seal and Signature

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



CWRE NAME Robert Long, RG, LHG, CWRE		PHONE NO. 503 799 0304	ADDITIONAL CONTACT NO.	
ADDRESS 1319 SE Martin Luther King Junior Blvd Suite 204				
CITY Portland	STATE OR	ZIP 97214	CITY Portland	

Permit Holder's 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
<i>Steve L. Williams</i>	STEVE L. WILLIAMS	OWNER	2/25/21

**SECTION 3
CLAIM DESCRIPTION**

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

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
Williams Reservoir (Res #1)	Un-named Stream	Tributary of Johnson 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)
Williams Reservoir (Res #1)	Multiple Purpose	December 1 – June 1	1.5 AF per year
Total Quantity of Water Stored			1.5 AF

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:

Well #2 is located near the southwest corner of Taxlot 0900 along SE Revenue Road. The well pumps into a 4" mainline that runs approx. 40 ft westward towards the taxlot boundary, then runs northward along the boundary approx. 200 ft. The mainline then runs northeast through the middle of the property until it crosses over the channel of the un-named intermittent stream after approx. 525 ft. The pipeline bends north and runs approx. 270 ft along the eastern side of the stream before bending east and follows the north property boundary to the northeast corner of the lot for approx. 460 ft.

A short offshoot from Section 3 of the mainline leads to a discharge point into the north end of the reservoir. The reservoir has an overflow outlet at the northeast corner that is covered with a grating. If the water level became high enough, which has never occurred since the reservoir was constructed, water would flow from this outlet through a buried metal pipe approx. 40 feet north and empty into a heavily vegetated, rock-lined channel that connects to the natural channel of the un-named tributary of Johnson Creek. The reservoir does not sit within the channel of the stream. The stream channel flows along the east and north sides of the reservoir and completely bypasses it.

The reservoir is kept full almost entirely with rainfall and by limited input from Well #2. The reservoir was constructed with the ability to fill from the adjacent un-named stream channel. There is a buried 4" PVC pipe connecting the southern end of the pond to the stream. A lever-valve located within the channel of the un-named stream 73' southeast of the pond allows water, when opened, to gravity-flow from the stream into the pond.

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 allows for the storage of up to 1.50 AF in the reservoir. The surface area of the developed reservoir is estimated at 0.35 acres, with an average maximum depth (based on the level of the outflow structure) of approx. 3 feet. Based on this, the developed storage in the reservoir is about 1.05 AF.

5. Claim Summary:

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
Williams Reservoir (Res #1)	1.50 AF per season	1.05 AF

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SECTION 4
SYSTEM DESCRIPTION

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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):

Williams Reservoir (Res #1)

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
1S	4E	Will.	29	NE SE			40 ft south and 410 ft west from E1/4 corner, Section 29

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.

C. 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

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)
4"	PVC	150	<1 ft	73'	0.014	

3. Provide calculations:

$V(\text{fps}) = 1.31 * c * (r^{0.63}) * (S^{0.54})$
 $V(\text{fps}) = 1.31 * 0.01 * 0.167^{0.63} * 0.014^{0.54} = 6.35 \text{ fps}$
 $6.53 \text{ fps} * 0.088 \text{ ft}^2 \text{ (cross-sectional area of pipe)} = 0.575 \text{ cfs}^\dagger$

† This assumes the pipe is completely full when flowing. In the case of the intake valve for the gravity flow pipe to the reservoir, the base of the pipe sits 6-8" above the bottom of the stream channel, which rarely experiences significant flow.

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)

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Attach measurement notes.

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D. Gravity Flow Canal or Ditch

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

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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.

**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	March 30, 2006		
BEGIN CONSTRUCTION (A)	NA		
COMPLETE CONSTRUCTION (B)	October 1, 2010	Spring 2009	The reservoir was fully constructed before the spring of 2009 based on NAIP imagery from that year (see Attachment 3).
COMPLETE APPLICATION OF WATER (C)	October 1, 2010	-	Although the reservoir was constructed by 2009 and the storage of water put to beneficial use in the same year, a claim of beneficial use was never completed. The permit was reinstated on April 20, 2018.

* must be within period between permit or any extension final order issuance and the date to completely apply water

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

YES NO

3. Measurement Conditions:

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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.

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.

Reminder: If fish screening devices were required, the COBU map must indicate their location in relation to the point of diversion.

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

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):

The permittee was required to restore any area at the point of diversion that was disturbed by development under this permit. No significant disturbance was caused. The areas along the un-named stream through the permittee's property and around the outflow from the reservoir are well vegetated.

SECTION 6
ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
ATTACHMENT 1	Claim of Beneficial Use Map
ATTACHMENT 2	Satellite Imagery Used in Survey

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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.

In addition to observations made during the CWRE site visit, satellite images were used to conduct a review of construction and land use history. Images used in this review include:

1995 NAIP Imagery
2000 NAIP Imagery
2005 NAIP Imagery
2009 NAIP Imagery
2012 NAIP Imagery
2014 NAIP Imagery
2018 OSIP (Oregon Statewide Imagery Program) Imagery

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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
- 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

ATTACHMENT 2



1995 NAIP Imagery



2005 NAIP Imagery



2009 NAIP Imagery



2012 NAIP Imagery



2014 NAIP Imagery



2018 OSIP Imagery

 <p>CwM-H2O Complete Water Management</p> <p>1319 SE MLK, Jr. Blvd, Suite 204 Portland, Oregon 97214 (503) 954-1326</p>	This map is not intended to provide legal dimensions or locations of property ownership lines			Scale ≈ 1" : 450' Permit R-14272 T1S R4E Sec 28/29	
	1	DATE	AUTH	DRAFT	Proj#: 1612001 S. Williams CBU Steve Williams 9664 SE Revenue Rd Boring, OR, 97009
No.	Date	By	Revisions		

ATTACHMENT 1
 Claim of Beneficial Use Map
 Permit R-14272
 T1S R4E Sec 29

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 OWRD



- Reservoir
- Mainline
- Groundwater Well
- Un-named Stream
- Taxlot 0900
- taxlots
- Quarter-quarter
- Section

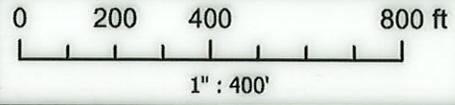
Certified Water Rights Examiner
 771101
RLJ
 Robert E. Long Jr.
 May 15, 2002
 STATE OF OREGON
 EXPIRATION DATE: 12-31-2022

T1S R4E S29
 T1S R4E S28
 T1S R4E S32
 T1S R4E S33



1319 SE MLK, Jr. Blvd, Suite 204
 Portland, Oregon 97214
 (503) 954-1326

This map is not intended to provide legal dimensions or locations of property ownership lines



No.	Date	By	Revisions
1	DATE	AUTH	DRAFT
1	09/24/20	IAG	DRAFT

Proj#: 1612001
 S. Williams CBU
 Steve Williams
 9664 SE Revenue Rd
 Boring, OR, 97009

