

**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](http://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.  
Claims received without the correct fee of \$200 will be returned.**

**SECTION 1  
GENERAL INFORMATION**

**1. File Information**

APPLICATION # <b>R- 87811</b>	PERMIT # (IF APPLICABLE) <b>R- 14991</b>	PERMIT AMENDMENT # (IF APPLICABLE)
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**2. Property Owner (current owner information)**

APPLICANT/BUSINESS NAME <b>John C. Hill</b>		PHONE NO. <b>541-846-6391</b>	ADDITIONAL CONTACT NO. <b>503-780-2570</b>	
ADDRESS <b>14850 Highway 238</b>				
CITY <b>Grants Pass</b>	STATE <b>OR</b>	ZIP <b>97527</b>	E-MAIL	

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 <b>John C. and Wesley S. Hill</b>				
ADDRESS <b>14850 Highway 238</b>				
CITY <b>Grants Pass</b>	STATE <b>OR</b>	ZIP <b>97527</b>		

ADDITIONAL PERMIT HOLDER OF RECORD <b>NA</b>				
ADDRESS				
CITY	STATE	ZIP		

4. Date of Site Inspection:

7-17-2023

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
John C. Hill	7-17-2023	Owner / permittee
Francis Decker	7-17-2023	Neighbor / friend

6. County

Jackson

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		
NA		
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.



CWRE NAME		PHONE NO.	ADDITIONAL CONTACT NO.
Kenna Clay Jordan		541-673-1931	541-430-6926
ADDRESS			
460 Jordan Lane			
CITY	STATE	ZIP	E-MAIL
Roseburg	OR	97471	Kcjengineer@zoho.com

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
X John Hill	John C. Hill	Owner, permittee	
X Wesley Hill	Wesley S. Hill	permittee	

**SECTION 3  
CLAIM DESCRIPTION**

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

RESERVOIR NAME OR NUMBER	SOURCE	TRIBUTARY
Blue Heron	Runoff, surface seepage, Spring #1 And springs within reservoir area	Applegate River

**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)
Blue Heron	Multiple Purpose	Dec 1 through May 31	20 AF
<b>Total Quantity of Water Stored</b>			

**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:**

Water gravity flows from spring No. 1 to reservoir. Seepage and runoff flow over ground to reservoir. There are springs reported to be within the reservoir area.

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, **NO** permit amendment final order, or extension final order? If yes, describe below.

(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.")

**5. Claim Summary:**

RESERVOIR NAME OR #	MAXIMUM STORAGE AUTHORIZED BY PERMIT (AF)	MAXIMUM STORAGE DEVELOPED (AF)
Blue Heron	20 AF	20 AF

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**SECTION 4  
SYSTEM DESCRIPTION**

Are there multiple reservoirs? **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? **NO**

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

TWP	RNG	MER	SEC	QQ	GLot	DLC	MEASURED DISTANCES
38S	4W	WM	7	NE-NW			Center of Res – 760 ft. South & 1690 ft. East from the NW Cor. Section 7

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? **NO**

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

**6. Additional notes or comments related to the system:**

Reservoir is an excavation dug to obtain gravel. A road was constructed on NW area of the reservoir for gravel removal. Pool side of the road appears to be natural ground. There is a water right from Spring #1 for supplemental irrigation – Cert 65601 which is supplemental to Cert 32816 from the Applegate River.

**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?**

**NO**

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

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**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?**

**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?**

**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

**3. If the reservoir stores less than 9.2 acre-feet of water or if the dam is less than 10 feet in height, and as-built plans and specifications are not required, complete the table and items 4 through 8.**

MAXIMUM DEPTH	AVERAGE DEPTH	SURFACE AREA (IN ACRES)	VOLUME (IN ACRE FEET)
13.5 feet	5.4 feet	3.71 Ac.	20 AF

**4. Provide reservoir volume calculations:**

5.4 x 3.71 = 20 AF

**5. Provide the following information concerning the physical characteristics of the dam:**

CREST WIDTH (W)	DAM HEIGHT AT CENTERLINE (H)	DISTANCE FROM DOWNSTREAM TOP OF DAM TO DOWNSTREAM TOE (L)	DISTANCE FROM UPSTREAM TOP OF DAM TO UPSTREAM TOE (U)	WATER LEVEL AT INSPECTION	DOWN-STREAM SLOPE	UP-STREAM SLOPE
NA	NA	NA	NA	NA	NA	NA

**6. Provide a drawing showing the cross section of the dam at the maximum section indicating details and dimensions. The drawing should be drawn at a standard even scale.**

NA

**7. Describe the outlet works (size and type of the outlet conduit and location):**

Owner indicated there is a 1 foot diameter cmp pipe at the NW corner of the reservoir for overflow. It was not visible at inspection due to blackberry overgrowth. It appears water would sheet over the roadway if inflow was beyond the outlet pipe capacity.

**8. Describe the emergency spillway (dimensions and location):**

BOTTOM WIDTH (W)	TOP WIDTH (L)	SPILLWAY DEPTH (H)
NONE		

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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	11-02-2012		
BEGIN CONSTRUCTION (A)	NA		
COMPLETE CONSTRUCTION (B)	11-02-2017	2012	Excavation of reservoir complete
COMPLETE APPLICATION OF WATER (C)	11-02-2017	5-31-2014	Reservoir full, staff gage installed

\* 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)?**

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? **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.**

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**4. Recording and reporting conditions**

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

**5. Outlet Pipe**

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

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

- b. Has the outlet pipe been installed? **NO**

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

- c. Does the water user have other means to evacuate the reservoir? **YES**

DESCRIBE HOW THE WATER USER PLANS TO EVACUATE THE RESERVOIR	HAS THIS PLAN BEEN APPROVED BY THE DEPARTMENT?	BY WHOM?
15 HP electric pump	NO	

**6. Fish Screening**

- a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? **NO**

**Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. In order to receive a favorable approval, the ODFW/WRD "Fish Screen Inspection" form needs to have been previously submitted or be attached to this form.**

**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? **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**
- b. Was a fishway required? **YES**
- c. Was submittal of a letter from an engineer required prior to storage of water? **NO**
- d. Was submittal of a water management and conservation plan required? **NO**

e. Other conditions?

YES

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

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- a. Not in riparian area. Reservoir constructed prior to permit application
- b. Not an in-channel reservoir
- e. Staff gage. USGS type porcelain enamel staff gage installed

**SECTION 6  
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
COBU map	Mylar map

**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.

Field inspection using 5-19-2023 Google aerial photo. Mapped using Jackson County GIS tax lots over scaled 5-19-2023 Google aerial photo.



## Map Checklist

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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
- NA If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- NA 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

# Jordan Engineering

Structural-Civil-Geotech

460 Jordan Lane  
Roseburg, OR 97471  
541-673-1931

Water Resources Department  
Mr. Gerry Clark  
725 Summer St. NE, Suite A  
Salem, OR 97301

Claim Of Beneficial Use:

Application: R-87811

Permit: R-14991

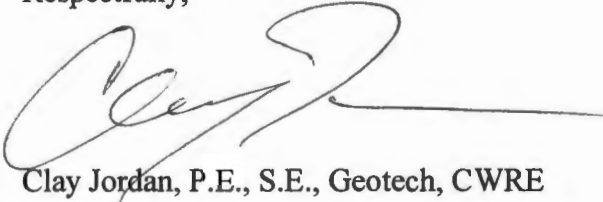
September 29, 2023

Mr. Clark:

Inclosed are the Claim of Beneficial Use (COBU) form, Mylar map and a check #1889 in the sum of \$230 made out to the Department.

If there are any questions please officially contact the applicant with a copy to me.

Respectfully,



Clay Jordan, P.E., S.E., Geotech, CWRE

cc: Mr. John and Wesley Hill  
file: Hill COBU permit R-14991.wpd

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