

CLAIM OF BENEFICIAL USE for Surface Water Permits claiming more than 0.1 cfs



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

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

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SECTION 1 GENERAL INFORMATION

1. File Information:

APPLICATION # S-71131	PERMIT # S-53422	PERMIT AMENDMENT # T-
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME George and Diane Bussmann		PHONE NO. 541 297-5733	ADDITIONAL CONTACT NO.	
ADDRESS P.O. Box 302				
CITY Sixes	STATE OR	ZIP 97476	E-MAIL gracebuss@hotmail.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 or holder of record (this may, or may not, be the current property owner):

PERMIT HOLDER OF RECORD George and Diane Bussmann				
ADDRESS P.O. Box 302				
CITY Sixes	STATE OR	ZIP 97476		

ADDITIONAL PERMIT HOLDER OF RECORD NW Farm Credit Services, ACA				
ADDRESS 2222 NW Kline Street P.O. Box 1490				
CITY Roseburg	STATE OR	ZIP 97470		

4. Date of Site Inspection:

8/10/2018

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
George Bussmann	8/10/2018	Owner

6. County:

Curry

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

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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.

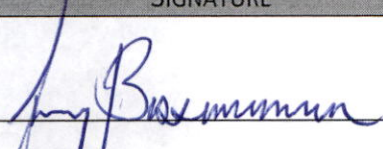

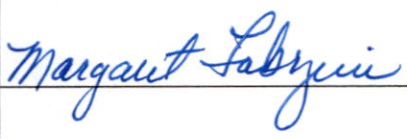


CWRE NAME Kenna Clay Jordan		PHONE NO. 541 673-1931	ADDITIONAL CONTACT NO.
ADDRESS 460 Jordan Lane			
CITY Roseburg	STATE OR	ZIP 97471PO	E-MAIL

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
	George Bussmann	Owner	3/7/22
	Diane Bussmann	Owner	3/7/22
	Margaret Fabrizi Northwest Farm Credit Services.	Authentic Agent	3/23/2022

**SECTION 3
CLAIM DESCRIPTION**

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1. Point of diversion name or number:

POINT OF DIVERSION (POD) NAME OR NUMBER (CORRESPOND TO MAP)
POD 1

2. Point of diversion source and tributary:

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD 1	Trib to Price Creek	Summers Cr > Sixes River
POD 1	Reservoir 1 trib to Price Creek	Summers Cr > Sixes River

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

POD 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)
POD 1	Cranberry	cranberries	11/1 - 4/30	0.5 CFS
POD 1 (Res 1)	Cranberry	cranberries	Year Round	8.4 AF
Total Quantity of Water Used				0.5 CFS and 8.4 AF

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

Creek and reservoir use same pump. Water is pumped from the reservoir and piped to bogs to Sprinklers or open discharge

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

YES

(e.g. "The permit allowed three points of diversion. 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.")

Permit allowed 20 acres of cranberry operations. 13.7 acres of primary and 5.4 supplemental cranberry operations developed. 18 AF of storage in two reservoirs allowed while one reservoir with a capacity of 8.4 AF developed.

6. Claim Summary:

POD NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
POD 1	0.5 CFS	1.13 CFS		Cranberry op	20.0	19.1
	18 AF	8.4 AF		Cranberry op		

SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs?

NO

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

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

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A. Place of Use

1. Is the right for municipal use?

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
32S	15W	WM	4	NWNW			Cranberry	13.7	0.4
32S	15W	WM	4	SWNW			Cranberry		5.0
Total Acres Irrigated								13.7	5.4

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.

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

1. Is a pump used?

YES

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
Pioneer	SC53C14N7	5151M	CENTRIFUGAL	8	6

3. Motor Information:

MANUFACTURER	HORSEPOWER
Baldor	40

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
40	75±	12	30	1.14

5. Provide pump calculations:

$$Q = \frac{(HP)(\text{Pump Efficiency})}{(\text{Total Head})} = \frac{(40)(6.61)}{(12+30+190.5)} = \frac{264.4}{232.5} = 1.14 \text{ CFS}$$

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)

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
6 inch	1560	PVC	Buried
4 inch	2980	PVC	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
1.5 inch	3800	PVC	Buried

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10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
7/64	40±	2.2±	860	230	506 GPM = 1.13 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)

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

13. Pivot Information:

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

C. Storage

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

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank
 Bulge in System / Reservoir

Complete appropriate table(s), unused table may be deleted.

3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)
Reservoir 1	12'	8.4

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NO

YES

YES

D. 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.

E. 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.

F. Additional notes or comments related to the system:

Permit indicates source is Summers Creek, however WRD mapping indicates tributary to Price Creek which is a tributary to Summers Creek

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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 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 of time:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	7/17/1998		
BEGIN CONSTRUCTION (A)	7/17/1999	8/98	Construct Res 1, install pump and piping.
COMPLETE CONSTRUCTION (B)			
COMPLETE APPLICATION OF WATER (C)	10/1/2002	6/2018	All construction completed, permit conditions met and water used for cranberry operations

* 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

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

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

YES

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

b. Were the Progress Reports submitted?
reports have not been submitted, attach a copy of the reports if available.

YES If the

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**

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.

b. Has a meter been installed? **YES**

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
POD 1	Seametrics	0420160 00655	working	56.53 AF	2017 (replaced)

If a meter has been installed, items d 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?

NO

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

5. Fish Screening:

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

NO

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

6. 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.

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7. 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? **NO**
- b. Was a fishway required? **NO**
- c. Was submittal of a water management and conservation plan required? **NO**
- d. Other conditions? **NO**

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

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**SECTION 6
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION

**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.

<p>Curry County GIS tax lots with overly of 2015 ORmap and 5/9/2016 Google aerial photos adjusted, scaled and oriented in AutoCad to recorded surveys CS 31-73 and 31-187</p>
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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
- 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 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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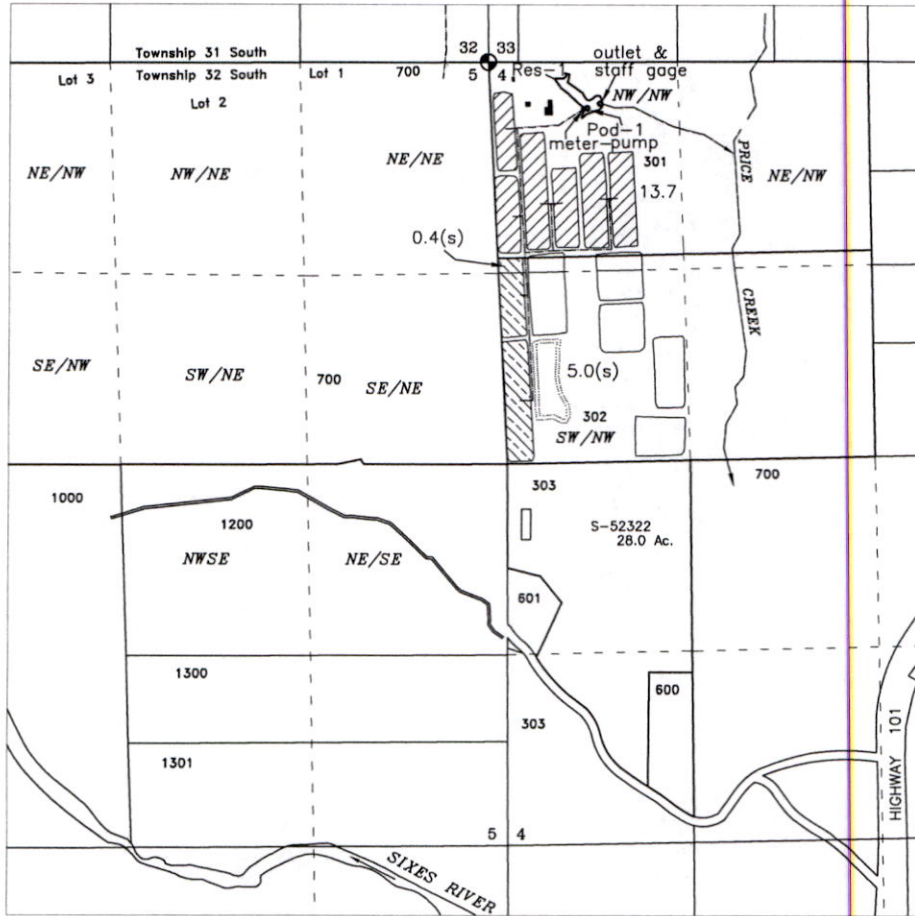
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CLAIM OF BENEFICIAL USE

APPLICATION R-79634
APPLICATION S-71131

PERMIT R-12496
PERMIT S-53422

TOWNSHIP 32 SOUTH, RANGE 15 WEST, W.M.
CURRY COUNTY OREGON



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Legend

POD-1 - NW/NW Section 4: 315 feet South and 660 feet East from the NW Corner Section 4
Res-1 - NW/NW Section 4: 285 feet South and 780 feet East from the NW Corner Section 4 (Outlet)

PREPARED FOR:
George P. Bussmann
P.O. Box 302
Sixes, OR 97476

Scale
1 inch = 1320 feet



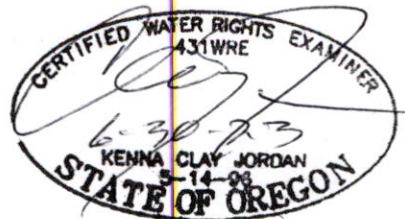
- Cranberry Use - 13.7 Acres



- Supplemental Cranberry Use - 5.4 Acres



- RESERVOIR - 1 - 8.4 Acre-Feet



Base map - Curry County GIS Tax Lots over 2014 Oregon Map & 5/9/16 Google aerial photo for assumed best fit (scaled, adjusted & oriented to area surveys)

This map is not intended to provide legal dimensions or locations of property ownership lines
Stamped/signed mylar & paper on file at Dept.

JORDAN ENGINEERING
460 JORDAN LANE
ROSEBURG, OR 97471
(541) 673-1931

4/2/2019 ned
Rev 2/9/2022 ned