



**Oregon**  
Kate Brown, Governor

**Water Resources Department**  
725 Summer St NE, Suite A  
Salem, OR 97301  
(503) 986-0900  
Fax (503) 986-0904

December 8, 2020

Bryan & Amy Schurter  
2913 Hibbard Road NE  
Silverton OR 97381

On December 04, 2020 the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application G-18554 Permit G-18093

The COBU included a report and map. The Department hopes to review your submittal within approximately 2 - 4 years. At that time we will review these items and provide a final certificate, proposed certificate, or a request for additional information.

If you are interested in having your COBU reviewed sooner, you may pay to have your file processed immediately, using the Reimbursement Authority program, which is described at:

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

Customer Service phone: (503) 986-0900

Enclosed is your receipt for the \$200.00 COBU recording fee

If you sell the property, please contact the Department, or have the new owners contact the Department about the need to file an assignment.

Cc: file G-18554  
Doann M Hamilton, CWRE

# Checklist for Claims of Beneficial Use Received at CSG Counter

Application #:	WRD Reviewer:
Transfer #:	
Date Received:	
CWRE Name:	
Priority Date (s):	

## 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) )

## 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)

### MONEY SLIP

DATE: _____		RECEIPT #: _____	
RECEIVED FROM: _____		APPLICATION PERMIT TRANSFER	
CASH <input type="checkbox"/>	CHECK # _____	OTHER (IDENTIFY) _____	TOTAL RECD \$ _____
1083 TREASURY 4178 MISC CASH ACCT.			
0407 COPIES _____	OTHER: (IDENTIFY) _____		
0243 Instream Lease _____	0244 Muni Water Mgmt. Plan _____	0245 Cons. Water _____	
1083 TREASURY 4270 WRD OPERATING ACCT.			
MISCELLANEOUS			
0407 COPY & TAPE FEES	4611	\$ _____	
0410 RESEARCH FEES		\$ _____	
0409 MISC REVENUE (IDENTIFY)		\$ _____	
TC162 DEPOSIT LIAB. (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 LANDOWNER'S PERMIT	EXAM FEE	0219	RECORD FEE
OTHER (IDENTIFY) _____	\$ _____	0220	\$ _____
0200	COBU	\$ 200.00	
0607 TREASURY 0487 HYDROELECTRIC			
		LIC NUMBER	
0233 POWER LICENSE FEE (FWWRD)		\$ _____	
0231 HYDRO LICENSE FEE (FWWRD)		\$ _____	
HYDRO APPLICATION			
SPECIAL INSTRUCTIONS:			

RETURN TO APPLICANT -- LETTER ATTACHED

## Groundwater File Review:

- Pump Test not required (Priority Date prior to December 20, 1988) \*If no, include pump test flyer w/acknowledgment letter
- Pump Test required (Priority Date on or after December 20, 1988)
- Pump Test submitted
- Pump Test not submitted

# 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](http://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.

## SECTION 1 GENERAL INFORMATION

**1. File Information:**

APPLICATION # <b>G-18554</b>	PERMIT # (IF APPLICABLE) <b>G-18093</b>	PERMIT AMENDMENT # (IF APPLICABLE) <b>T-NA</b>
---------------------------------	--	---

**2. Property Owner (current owner information):**

APPLICANT/BUSINESS NAME <b>Bryan and Amy Schurter</b>		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS <b>2913 Hibbard Rd NE</b>			
CITY <b>Silverton</b>	STATE <b>OR</b>	ZIP <b>97381</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>Bryan and Amy Schurter</b>			
ADDRESS <b>2913 Hibbard Rd NE</b>			
CITY <b>Silverton</b>	STATE <b>OR</b>	ZIP <b>97381</b>	

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

**4. Date of Site Inspection:**

**July 1, 2020**

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Bryan Schurter	July 1, 2020	Owner / operator

6. County

Marion

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		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

SECTION 2  
SIGNATURES

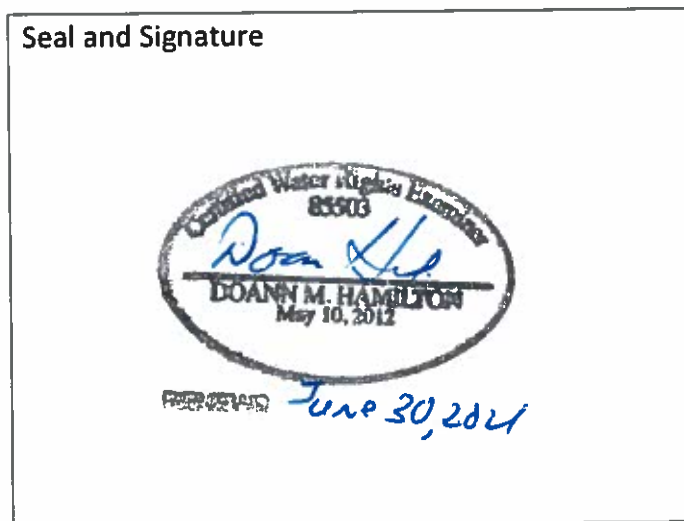
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CWRE Statement, Seal and Signature

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


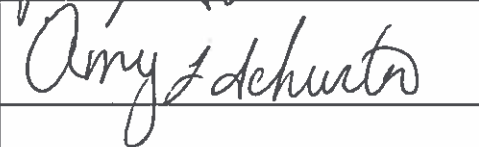


CWRE NAME Doann Hamilton		PHONE NO. (503) 632-5013	ADDITIONAL CONTACT NO. (503) 349-6946
ADDRESS 18487 S. Valley Vista Road			
CITY Mulino	STATE OR	ZIP 97042	E-MAIL phgdmh@gmail.com

**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
	Bryan Schurter	owner	11/17/2020
	Amy Schurter	owner	11/17/2020

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**SECTION 3  
CLAIM DESCRIPTION**

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**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 1	Not Drilled	NA
Well 2	MARI 68213	L-131121

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 1	Beaver Creek Basin	Pudding River
Well 2	Beaver Creek Basin	Pudding 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 2	IR & IS	Vegetable seed	March 1 through October 31	1.39 cfs
<b>Total Quantity of Water Used</b>				<b>1.39 cfs</b>

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:

Water is pumped from Well 2 using a 30 Hp submersible pump to convey the water through 15 feet of 4-inch galvanized pipe equipped with a filter and a meter before going underground to the west to connect to the buried 5-inch PVC mainline. The water can be conveyed into Kuenzi Pond to the south as a bulge in the system, or directly conveyed through buried and portable 5-inch mainlines, with or without a booster pump, depending on the distance to the place of use.

Portable 3-inch aluminum lateral lines can be attached every 60 feet with Rainbird 3/16 inch impact sprinklers every forty feet.

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

(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.")

1. The authorized Well 1 has not been constructed and therefore will not be included in this Claim of Beneficial Use.

2. The place of use was revised to include reference to the DLC and or Government Lots:

Original authorized acreage in place of use:

					IR	IS	
7S	1W	WM	16	NW NW		12.80	<b>RECEIVED</b> <b>DEC 04 2020</b> <b>OWRD</b>
7S	1W	WM	16	SW NW		9.40	
7S	1W	WM	17	NW NE		16.80	
7S	1W	WM	17	SW NE		25.80	
7S	1W	WM	17	SE NE	4.40	15.80	
7S	1W	WM	17	SE NW		<u>4.28</u>	
<b>Total:</b>					<b>4.40</b>	<b>84.88</b>	

Adjusted acreage in place of use:

					IR	IS	
7S	1W	WM	16	NW NW		12.80	
7S	1W	WM	16	SW NW		9.40	
7S	1W	WM	17	NW NE	DLC 49	16.80	
7S	1W	WM	17	SW NE	DLC 49	11.80	
7S	1W	WM	17	SW NE	Lot 2	14.0	
7S	1W	WM	17	SE NE		4.40	15.80
7S	1W	WM	17	SE NW	Lot 3	<u>4.28</u>	
<b>Total:</b>					<b>4.40</b>	<b>84.88</b>	



**6. Claim Summary:**

POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well 2	1.12 cfs	1.39 cfs	0.74 cfs (not running full capacity)	IR	4.40	4.40
			Not measured	IS	84.88	84.88

**SECTION 4  
SYSTEM DESCRIPTION**

Are there multiple POAs?

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):

Well 2

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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
7S	1W	WM	16	NW NW	NA	NA	IS		12.80
7S	1W	WM	16	SW NW	NA	NA	IS		9.40
7S	1W	WM	17	NW NE	NA	49	IS		16.80
7S	1W	WM	17	SW NE	NA	49	IS		11.80
7S	1W	WM	17	SW NE	2	NA	IS		14.0
7S	1W	WM	17	SE NE	NA	NA	IR & IS	4.40	15.80
7S	1W	WM	17	SE NW	3	NA	IR		4.28
<b>Total Acres Irrigated</b>								<b>4.40</b>	<b>84.88</b>

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. Groundwater Source Information (Well)**

1. Is the appropriation from a well?

YES

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:

3/4 inch PVC probe tube through the vent/access port of the sanitary seal on the southeast side of the sanitary seal.

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 MARI 68213						

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 Well Log MARI 68213

**C. Groundwater Source Information (Sump)**

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

NO

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

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

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**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

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

**2. Pump Information:**

SOURCE	MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Well	Wolf	6MM8V-6-4.625	PP8041610	Submersible	6 inch	3 inch
Booster	Cornell	3RB60B4-4	65469	Centrifugal	5 inch	5 inch
POD 2	Jacuzzi Bros. Inc	25GM3 C	Unknown	Centrifugal	5 inch	5 inch

**3. Motor Information:**

SOURCE	MANUFACTURER	HORSEPOWER
Well	Grundfos	30 Hp
Booster	KDH Deutz Corporation	56.3 Hp (42 kw)
POD 2	Newman	25 Hp



**4. Theoretical Pump Capacity:**

SOURCE	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)
Well – through mainline	30 Hp	45 psi	181.78 feet (from permit condition pump test)	0 feet	0.71 cfs
Well – to pond	30 Hp	0 psi	181.78 feet (from permit condition pump test)	- 30 feet	1.39 cfs
Booster	56.3 Hp (42 kw)	45 psi	181.78 feet (from permit condition pump test)	30 feet	Not calculated
Pond	25 Hp	100 psi (with all three)	8 feet	30 feet	Not calculated

**5. Provide pump calculations:**

The system has several scenarios that the water user can operate:

1. Pump the well through the mainline directly with or without a booster pump;
2. Pump the well directly into the pond as a bulge in the system;
3. Pump from the pond to the place of use, with or without a booster pump; or
4. Pump the well through the mainline while pumping the pond, with or without booster pump

The calculations shown below represent the scenarios that provide the highest rates of use:

Q Pump Well 2 directly through mainlines =  $\frac{(30 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})}{(181.78 \text{ ft lift} + 114.3 \text{ ft pressure head})} = 0.71 \text{ cfs}$

Q Pump Well 2 to the pond =  $\frac{(30 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})}{(151.78 \text{ ft lift} + 0 \text{ ft pressure head})} = 1.39 \text{ cfs}$

Q Pump Well 2 + booster =  $\frac{[(30 \text{ Hp}) \times (7.04 \text{ ft}^4/\text{sec Hp})] + [(56.2 \text{ Hp}) \times (6.61 \text{ ft}^4/\text{sec Hp})]}{(181.78 \text{ ft lift} + 114.3 \text{ ft pressure head})} = 1.97 \text{ cfs}$

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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)
2,647,500 gallons	2,655,150 gallons	23 mins	0.74 cfs (booster was on, but only irrigating primary POU)

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

7. Is the distribution system piped?

YES

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

**8. Mainline Information:**

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
5 inch	5,640 feet	PVC	Buried
5 inch	4,620 feet	Aluminum	Above ground
4 inch	15 feet	Galvanized	Above ground

**9. Lateral or Handline Information:**

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
3 inch	1,200 feet	Aluminum	Above

**10. Sprinkler Information:**

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
Rainbird 3/16 inch	62 psi	7.9 gpm	600	100	1.76 cfs

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

**11. Drip Emitter Information:**

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
NA					

**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
NA					

**13. Pivot Information:**

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

**E. Storage**

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

YES

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

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

NO

YES

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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)
Kuenzi Reservoir constructed under Permit R-2199 (Certificate 28254) as a bulge in the system	3 feet	1.75 AF

**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?

NO

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

**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?

NO

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

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

None	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <b>RECEIVED</b>                  DEC 04 2020             </div>
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**SECTION 5  
CONDITIONS**

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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	August 16, 2018		
BEGIN CONSTRUCTION (A)	NA	NA	NA
COMPLETE CONSTRUCTION (B)	August 16, 2023	July 2020	Well 2 was completed and connected to the system. Irrigated the primary acres from Well 2.
COMPLETE APPLICATION OF WATER (C)	August 16, 2023	July 2020	All the permit conditions were met and water was put to full use on the primary acres. Ready, willing, and able to irrigate the supplemental acres.

\* 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

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

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

b. What month was the initial measurement to be taken in?

March

c. Was the measurement submitted to the Department? YES

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
NA			

**4. Annual Static Water Level Measurements:**

a. Was the water user required to submit annual static water level measurements? YES

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

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b. Provide the month, or months, the static water level measurement(s) were to be made:

March

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c. Were the static water level measurements taken in the month(s) required? YES

d. If "YES", were those measurements submitted to the Department? YES

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
NA			

**5. Pump Test:**

a. Did the permit require the submittal of a pump test? YES

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>

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

b. Has the pump test been previously submitted to the Department? YES

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

d. Has the pump test been approved by the Department? YES

e. Has a pump test exemption been approved by the Department? 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

*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



c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Well 2	McCrometer	19-03116-04	Working	2,648,200 gallons July 1, 2020	May 2019

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

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

b. Have the reports been submitted? YES

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

b. Was submittal of a ground water monitoring plan required? NO

c. Was submittal of a water management and conservation plan required? NO

d. Was a Well Identification Number (Well ID tag) assigned and attached to the well? YES

WELL ID #	DATE ATTACHED TO WELL
L-131121	October 2018

e. Other conditions? YES

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

a1) Condition:

"Each basalt well shall be open to a single aquifer of the Columbia River Basalt Group and shall meet the applicable well construction standards (OAR 690-200 and OAR 690-210). In addition, the open interval in each well shall be no greater than 100 feet."

Compliance:

Well 2 (MARI 68213/L131121) the total depth of the well is 363 feet, the well is cased to 265 feet and sealed to 263 feet, with open hole from 265 to 363 feet, totaling 98 feet of open interval; therefore, the condition has been met.

a2) Condition:

"Each basalt well shall be continuously cased and continuously sealed from land surface to a depth of at least 250 feet below land surface."

Compliance:

Well 2 (MARI 68213/L131121) is cased to 265 feet and sealed to 263 feet; therefore, the condition has been met.

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**a3) Condition:**

**"The applicant shall coordinate with the driller to ensure that drill cuttings are collected at 10-ft intervals and at changes in formation in each well. A split of each sampled interval shall be provided to the Department."**

**Compliance:**

**Per OWRD memo dated November 28, 2018 from Dennis Orłowski, Groundwater Section, OWRD, this condition has been met.**

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**e1) Condition:**

**The wells with pumps shall be equipped with a minimum ¾ inch diameter, unobstructed, dedicated measuring tube pursuant to figure 200-5 in OAR 690-200. If a pump has been installed prior to the issuance of this permit, and if static water levels and pumping levels can be measured using an electrical tape, then the installation of the measuring tube can be delayed until such time that water levels cannot be measured or the pump is repaired or replaced.**

**Compliance:**

**A dedicated measuring tube was installed in Well 2 (MARI 68213/L131121) shortly after the well was constructed in November 2018.**

**e2) Condition:**

**Groundwater production shall occur only from the basalt groundwater reservoir.**

**Compliance:**

**According to the log for Well 2 (MARI 68213/L131121), water production occurs from a zone in basalt between the depths of 270 and 363 feet; therefore, the condition has been met.**

**e3) Condition:**

**Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well.**

**Compliance:**

**Well 2 (MARI 68213) has well tag L-131121 attached to the well casing.**



**SECTION 6  
ATTACHMENTS**

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

ATTACHMENT NAME	DESCRIPTION
Claim of Beneficial Use Map	Claim of Beneficial Use Map
State Water Well Report – MARI 68213	Well log and driller's notes for MARI 68213 – Well 2
BLM Cadastral Map	BLM Cadastral Map T. 7S. R. 1W. showing DLC and Government Lot locations
Memo from OWRD dated November 28, 2018	Memo from Dennis Orłowski, Groundwater Section, OWRD, stating drill cuttings have been received and this condition of permit G-18093 has been satisfied.

**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.

The COBU map was prepared using tax assessor's map 07 1W 16 & 17, overlain by a 2014 aerial photo titled USDA-FSA-APFO NAIP County Mosaic and obtained on line from the Natural Resources Conservation Service, Image Metadata:  
<http://datagateway.nrcs.usda.gov/Catalog/ProductDescription/NAIPM.html>

**Map Checklist**

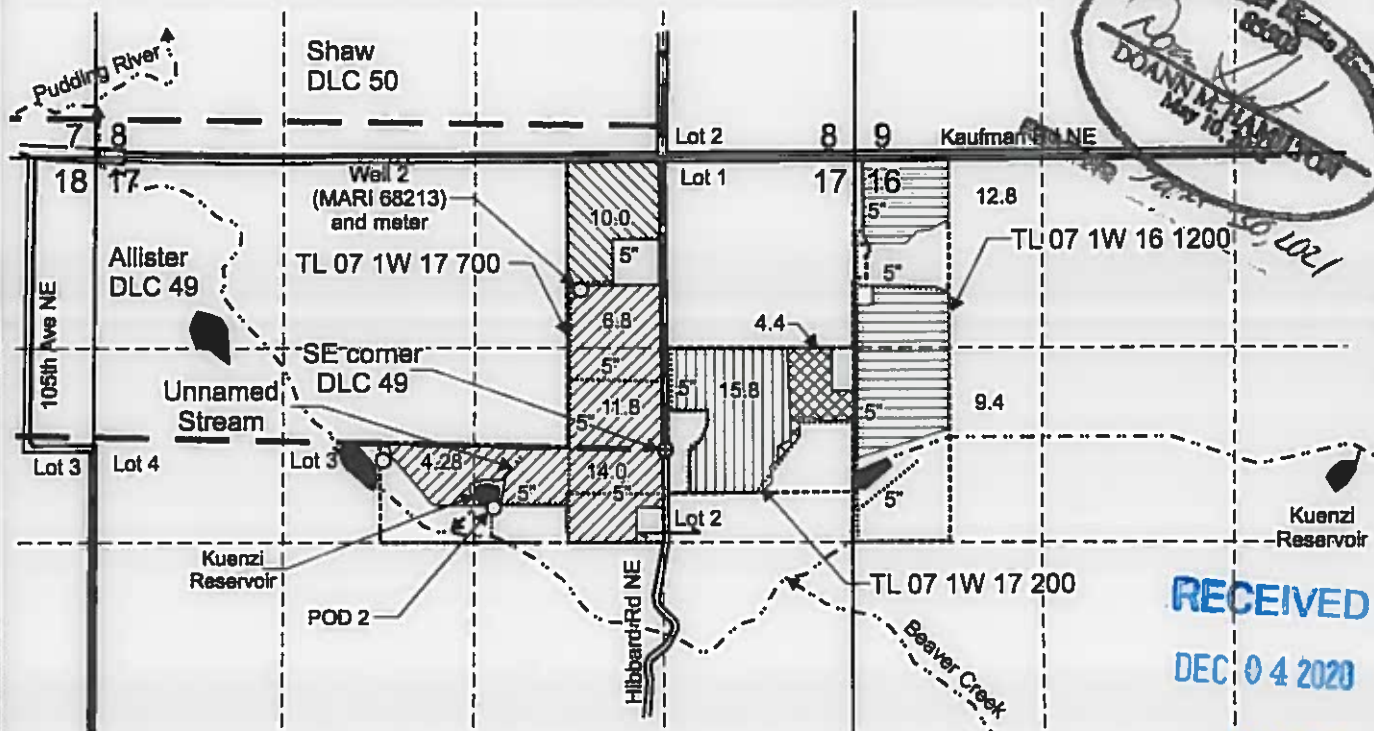
Please be sure that the map you submit includes ALL the items listed below.  
 (Reminder: Incomplete maps and/or claims may be returned.)

- 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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# T.7S. R.1W. Sec. 16 & 17, W.M.



Well 2 (MARI 68213) is located 1,095 feet north and 580 feet west from SE corner, DLC 49.

-  Area (10.0 Acres) supplement irrigation, under Application G-18554, Permit G-18093 (primary under Certificate 28253), priority 10-27-58.
-  Area (36.88 Acres) supplement irrigation, under Application G-18554, Permit G-18093 (primary under Certificate 20059), priority 7-18-45.
-  Area (15.8 Acres) supplemental irrigation, under Application G-18554, Permit G-18093 (primary under Certificate 33094), priority 4-19-61.
-  Area (22.2 Acres) supplemental irrigation, under Application G-18554, Permit G-18093 (primary under Certificate 20056), priority 10-25-44.
-  Area (4.4 Acres) primary irrigation under Application G-18554, Permit G-18093.

- Tax lot boundary
- • — Donation Land Claim boundary
- ..... Water main line, buried and portable

Scale: 1" = 1,320'



This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.



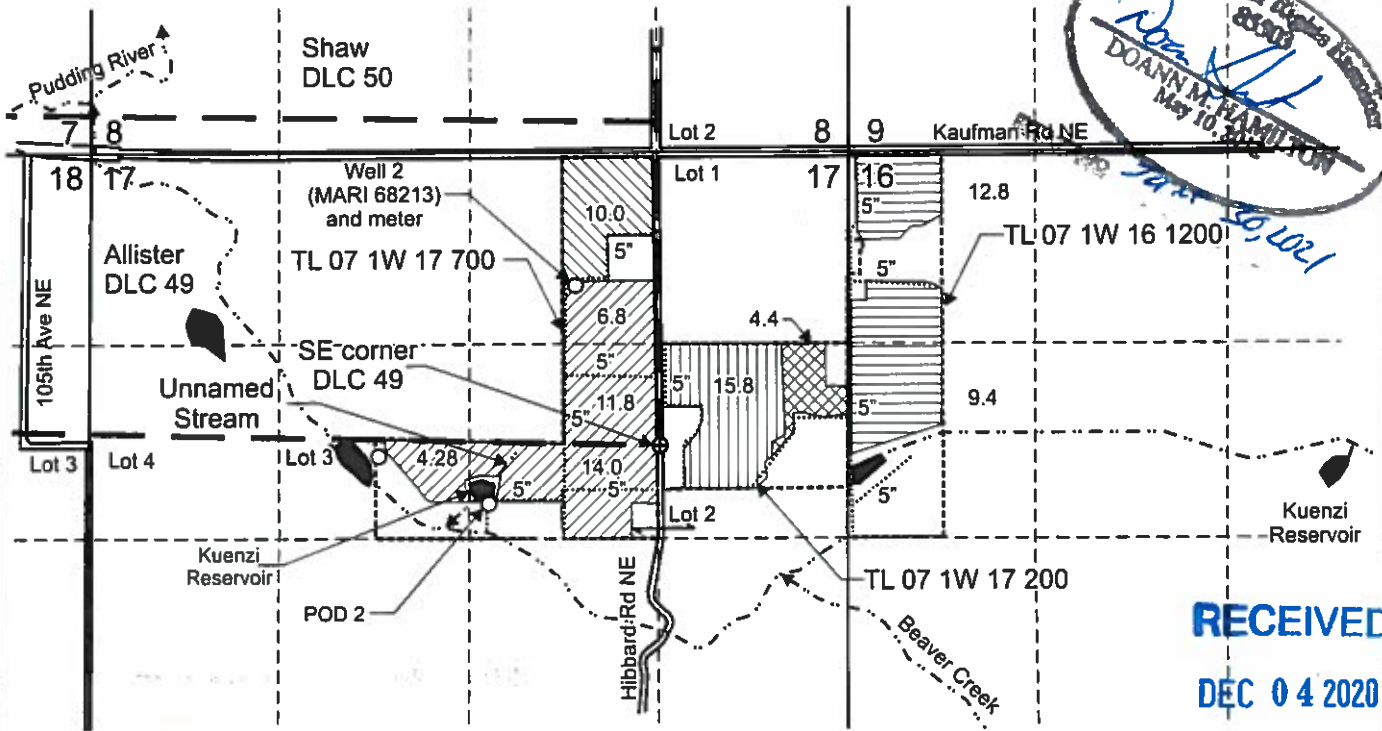
Claim of Beneficial Use Map  
Application G-18554, Permit G-18093

Bryan and Amy Schurter  
T.7S. R.1W. Sec. 16 & 17, W.M.

Pacific Hydro-Geology Inc.

11/2020






# T.7S. R.1W. Sec. 16 & 17, W.M.



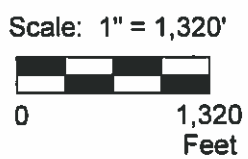
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## Claim of Beneficial Use Map Application G-18554, Permit G-18093

Bryan and Amy Schurter  
T.7S. R.1W. Sec. 16 & 17, W.M.

Pacific Hydro-Geology Inc.

11/2020

SchurterG-18554COBUMap.cdr



MARI 68213

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765 & OAR 690-205-0210)

R. ... Sons Well ... Inc. 4385 ... NE Silverton, OR 97381

WELL I.D. LABEL# L 131121 START CARD # 215693 ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. First Name Bryan Last Name Schurter Company Address 2913 Hibbard Rd NE City Silverton State OR Zip 97381

(2) TYPE OF WORK [X] New Well [ ] Deepening [ ] Conversion [ ] Alteration (complete 2a & 10) [ ] Abandonment (complete 5a)

(2a) PRE-ALTERATION Casing: Dia + From To Gauge Stl Plstc Wld Thrd Seal: Material From To Amt sacks/lbs

(3) DRILL METHOD [X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud [ ] Reverse Rotary [ ] Other

(4) PROPOSED USE [ ] Domestic [X] Irrigation [ ] Community [ ] Industrial/ Commercial [ ] Livestock [ ] Dewatering [ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION Special Standard [ ] (Attach copy) Depth of Completed Well 363 ft.

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, lbs. Rows include Bentonite and Cement.

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E [X] Other bent prd & probed Backfill placed from 263 ft. to 265 ft. Material pea gravel/cuttings

(5a) ABANDONMENT USING UNHYDRATED BENTONITE Proposed Amount Pounds Actual Amount Pounds

(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd Shoe [ ] Inside [X] Outside [ ] Other Location of shoe(s) 265 Temp casing [X] Yes Dia 12 From + 1 To 16'

(7) PERFORATIONS/SCREENS Perforations Method none Screens Type Material Per/S Casing/Screen green Liner Dia From To Scrn/slot width Slot length # of slots Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour [ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Temperature 54 °F Lab analysis [ ] Yes By Water quality concerns? [ ] Yes (describe below) TDS amount 468 From To Description Amount Units

(9) LOCATION OF WELL (legal description) County MARION Twp 7 S N/S Range 1 W E/W WM Sec 17 NW 1/4 of the NE 1/4 Tax Lot 700 Tax Map Number Lot Lat Long [X] Street address of well [ ] Nearest address

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration Completed Well 10-29-2018 121.4 Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 200 SWL Date From To Est Flow SWL(psi) + SWL(ft)

(11) WELL LOG Ground Elevation Material From To soil clay brown soft weathered rock basalt grey basalt grey brown weathered basalt grey hard basalt grey medium basalt weathered brown basalt grey brown weathered basalt grey medium some brown basalt grey hard basalt grey medium with brown weathered basalt grey hard with some fractures basalt grey hard basalt dark grey medium hard basalt dark grey mildly viscular basalt light grey hard basalt grey hard with fractures basalt grey fractures & porous

Date Started 10-22-2018 Completed 10-29-2018

(unbonded) Water Well Constructor Certification I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. License Number 1358 Date 10-31-2018 Signed

(bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. License Number 688 Date 10-31-2018 Signed Contact Info (optional)





<p>George W. Shaw Not. 287 Acres 421.50</p>	<p>Shaw Cl. 50 Acres 421.50</p>	<p>No. 1 A. 41.38</p>	<p>Joseph M. Blackaby Not. 7<sup>th</sup> Acres 641.50</p>	<p>Cert. "307"</p>
<p>Hardin McAllister Not. 286 Cl. 40 Acres 421.50</p>	<p>Cert. "382"</p>	<p>No. 1 A. 40.40</p>		
<p>5 2 3070</p>		<p>Cl. 50 Acres 421.50</p>	<p>Acres 421.50</p>	<p>King Hibbard Not. "7"</p>
<p>No. 2 A. 59.74</p>	<p>16</p>	<p>Widow &amp; Heirs of Abner S. Willard dec'd Not. 288 Acres 640.00</p>	<p>John</p>	

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*Memorandum*

*November 28, 2018*

**To:** App G-18554/Permit G-18093 File (Schurter)  
**From:** Dennis Orlowski, Groundwater Section  
**Subject:** Drill Cuttings Receipt (MARI 68213)

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Permit G-18093 contains a well construction condition (4D) that required the collection of drill cuttings at 10-ft intervals, with split samples of those cuttings to be submitted to OWRD.

The authorized POA for permit G-18093, MARI 68213, was drilled between October 22-29, 2018. During that time the driller notified OWRD staff of the cuttings availability, which were subsequently obtained from the site by OWRD.

This memorandum is confirmation that the well construction condition 4D of permit G-18093 has been satisfied.