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

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

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.

A claim of beneficial use includes both this report and a map. If the map is being mailed separately from this form, please include a note with this form indicating such.

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

Received

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OWAD

1. File Information:

APPLICATION #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)	
G-15493	G-15208	T-	

2. Property Owner (current owner information):		
Applicant/Business Name	PHONE No.	ADDITIONAL CONTACT NO.
William Aaran Welch		
Annress	1	

27297 ORCHARD RD

CITY STATE ZIP E-MAIL JUNCTION CITY OR 97448

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			
William Aaran Welch			
Address			
27297 ORCHARD RD			
CITY	STATE	ZIP	
JUNCTION CITY	OR	97448	

Additional Permit Holder of Record		
Address		
CITY	STATE	ZIP

4. Date of Site Inspection:

12/5/2024

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

Name	DATE	ASSOCIATION WITH THE PROJECT	
Gary Pointer	12/5/2024	Property lessee/ irrigator	

6. County:

Baker

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			
Сіту	STATE	ZIP	4

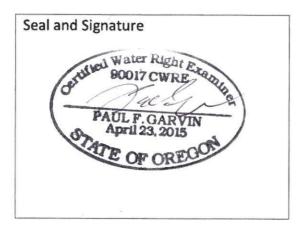
Add additional tables for owners of record as needed



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 Paul Garvin		PHONE NO 503-347-		ADDITIONAL CONTACT No.	
ADDRESS 1705 Main St. Ste. 101					
CITY Baker City	STATE OR	ZIP 97814	E-MAIL Garvin.hye	drogeo@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	
Um har Well	William A. Welch	awner	12-23-24	



SECTION 3

CLAIM DESCRIPTION

1. Point of appropriation name or number:

POINT OF APPROPRIATION	WELL LOG ID#	WELL TAG #
(POA) NAME OR NUMBER	FOR ALL WORK PERFORMED ON THE WELL	(IF APPLICABLE)
(CORRESPOND TO MAP)	(IF APPLICABLE)	
Well 1	BAKE 50962	L-57761

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	Source	TRIBUTARY
NAME OR NUMBER	BASIN LOCATED WITHIN	
Well 1	Powder	Warm Springs Creek

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 1	IS	Wheat, alfalfa, hay, garlic	May – September	1.78 cfs
Total Quantity of Wa	ater Used			1.78 cfs

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 appropriated from Well 1 and conveyed west to two center pivots via a buried 10" buried mainline. The corners are irrigated by dropping a hose off the end of the pivots to feed aboveground moveable handlines with sprinklers.

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

NO

(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.")

238.0 of 238.2 acres developed

6. Claim Summary:

POA	MAXIMUM RATE	CALCULATED	AMOUNT OF	USE	# OF ACRES	# OF ACRES
NAME OR #	AUTHORIZED	THEORETICAL RATE BASED ON SYSTEM	WATER MEASURED		ALLOWED	DEVELOPED
Well 1	1.78 cfs	1.79 cfs	1.78 cfs	IS	238.2	238

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SECTION 4

SYSTEM DESCRIPTION

	Are t	here	multi	ple	POAs
--	-------	------	-------	-----	-------------



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):

A. Place of Use

75

38E

Total Acres Irrigated

IS



1. Is the right for municipal use?

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	If Irrigation, # Primary Acres	If IRRIGATION, # SUPPLEMENTAL ACRES
75	38E	WM	13	NENW			IS		39.0
75	38E	WM	13	NWNW			IS		40.0
75	38E	WM	13	SWNW			IS		40.0
75	38E	WM	13	SENW			IS		39.0
75	38E	14/1/4	1/1	NENE			ıc		40.0

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)

14

1. Is the appropriation from a well?

WM

NO

40.0

238.0

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

SENE

2. Describe the access port (type and location) or other means to measure the water level in the well:

3. If well logs are not available, provide as much of the following information as possible:

CASING	TOTAL	COMPLETION	COMPLETION	WHO THE WELL	WELL DRILLED BY
DЕРТН	D EPTH	DATE OF ORIGINAL WELL	DATES OF ALTERATIONS	WAS DRILLED FOR	
Charles and an arrangement	DEPTH	ДЕРТН ДЕРТН			

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.

Well log BAKE 50962 attached

C. Groundwater Source Information (Sump)

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







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 <u>and</u> apply the water from the point of appropriation to the place of use.

1. Is a pump used?



NO

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
Johnston	-	-	Turbine	6"	8"

3. Motor Information:

MANUFACTURER	Horsepower
General Electric	50

4. Theoretical Pump Capacity:

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)
60	40	-	135'	1.79

5. Provide pump calculations:

(Well pump) Data:

Lift = 135'; Efficiency = 7.04; hp = 60; psi head = 101.6'

Theoretical pump capacity (cfs) = (hp * efficiency)/(lift +psi head) = 1.79 cfs

6. Measured Pump Capacity (using meter if meter was present and system was operating):

TOTAL PUMP OUTPUT	DURATION OF TIME	ENDING METER READING	INITIAL METER READING	
(IN CFS)	OBSERVED			
	OBSERVED			

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

7. Is the distribution system piped?



NO

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

8. Mainline Information:

Mainline Size	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
10"	10" 1,310'		buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
3"	3" 40' (80x)		above

10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
3/16"	40	6.4	320	80	80 = 1.14 cfs

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

11. Drip Emitter Information:

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

12. Drip Tape Information:

DRIPPER	GPM PER	TOTAL	MAXIMUM	TOTAL TAPE	Additional Information
SPACING IN	100 FEET	LENGTH OF	LENGTH OF TAPE	Оитрит	
INCHES		TAPE	USED	(CFS)	

13. Pivot Information:

MANUFACTURER	MAXIMUM	OPERATING	TOTAL PIVOT	TOTAL PIVOT
	WETTED RADIUS	PSI	OUTPUT (GPM)	OUTPUT (CFS)
Reinke (west) 1,340'		40	550 and 700 (season dependent)	1.23, 1.56
Reinke (east) 1,340'		40	550 and 700 (season dependent)	1.23, 1.56

E. Storage

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



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?

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?

H. Additional notes or comments related to the system:

Received

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 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	9/24/2002		
BEGIN CONSTRUCTION (A)		-	-
COMPLETE CONSTRUCTION (B)	₩)	•	-
COMPLETE APPLICATION OF WATER (C)	10/1/2019	6/2014	Flow meter installed, water applied across place of use, water use reported

^{*} 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

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)

NO

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

b. Were the Progress Reports submitted?

VEC



If the reports have not been submitted, attach a copy of the reports if available.

NOTE: Progress Report form attached

3. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement?

YES



4. Annual Static Water Level Measurements:

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

YES



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5. Pump Test:

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



NO

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

6. 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.

b. Has a meter been installed?

NO

c. Meter Information

NAME OR #	MANUFACTURER		(WORKING OR NOT)		
Well 1	McCrometer	13-09177	working	480460 (AFx0.001)	6/2014

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?

NO

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

b. Have the reports been submitted?

NO

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?

b. Was submittal of a ground water monitoring plan required?

YES

YES

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

YES

d. Was a Well Identification Number (Well ID tag) assigned and attached

YES

to the well?

^{**} Claims will not be reviewed until a pump test or exemption has been approved by the Department

WELL ID#	DATE ATTACHED TO WELL
L-57761	8/2002

e. Other conditions?



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

Well tag attached immediately at	fter well complet	tion
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SECTION 6

ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION		
Well log	BAKE 50962 Well log		
Progress report form	Extension FO Progress report form		

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.

Mapped using GIS software using a combination of handheld GPS, aerial imagery, publicly available GIS data, and ground truthing.



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.)

\boxtimes	Map on polyester film
\boxtimes	Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
\boxtimes	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 NA
\boxtimes	Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
\boxtimes	Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
\boxtimes	Point(s) of diversion or appropriation (illustrated and coordinates)
\boxtimes	Tax lot boundaries and numbers
	Source illustrated if surface water NA
\boxtimes	Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
\boxtimes	Application and permit number or transfer number
\boxtimes	North arrow
\boxtimes	Legend
\boxtimes	CWRE stamp and signature

AHG 1 4 2002

STATE OF OREGON

WATER SUPPLY WELL REPORT WATER RESOURCES DEPT.
(as required by ORS 537.765)
SALEM, OREGON

	1.7.	7/	1	
WELL I.D. # L_	5/	16	-	
START CARD #_	13	12	76	

Instructions for completing this report are on the last page of this form.	The Control of WELL by lead descriptions
(1) LAND OWNER Y WELL H	(9) LOCATION OF WELL by legal description: County BAKER Latitude Longitude
Name	Township
Address PO BOX 12101	Township No Stange 3 Epr W. WM.
City TACOMA State WA Zip 9841	Section 13 NE 1/4 NW 1/4
(2) TYPE OF WORK	Tax Lot 2900 Lot Block Subdivisjon Street Address of Well (or nearest address) 48260 WELCS
New Well Deepening Alteration (repair/recondition) Abandonment	Street Address of Well (or nearest address) 4-8260 WELCE
	RD HANES OR 97833
(3) DRILL METHOD:	
Rotary Air Rotary Mud Cable Auger	(10) STATIC WATER LEVEL: 28 ft. below land surface. Date 8-3-03
Other	The delication in the second
(4) PROPOSED USE:	
Domestic Community Industrial Irrigation	(11) WATER BEARING ZONES:
☐ Thermal ☐ Injection ☐ Livestock ☐ Other	Depth at which water was first found
TO PORT HOLE CONSTRUCTION:	
Special Construction approval Yes No Depth of Completed Well	From To Estimated Flow Rate SWL
Explosives used Yes No Type Amount —	58 193 400 GM 28
HOLE SEAL	210 249 200 GPM S
Diameter From To Material From To Sacks or pounds	288 333 130 GAM 28
16" 8) 28 CEMENT CO 28 12 SACKS	2 205
BENTONIE 0 20 36 SACK	5
12" 28 333	
	_ (12) WELL LOG:
How was seal placed: Method □A □B □C □D □E	Ground Elevation
Other POURED DRY	Material From To SWL
Backfill placed fromft. toft. Material	- Material
Gravel placed fromft. toft. Size of gravel	5016 0 3
(6) CASING/LINER:	BROWN CLAY 3 58
Diameter From To Gauge Steel Plastic Welded Threaded	COARSE SANDA S8 - 28
12" 12 200 15 M	GRAVEL - 80 /
Casing: 12 72 73 73 75 75 75 75 75 75 75 75 75 75 75 75 75	SILTY CLAY YSAND & 80 -
	GRAVEL - 97
	COARSE SANDYGRAVEL 97 145
	GRAVEL WSILTY CLAY 145 153
Liner:	SAND W/ GRAVEL 153 -
	100
Drive Shoe used ☐ Inside ★Outside ☐ None Final location of shoc(s) 300	(2)
(7) PERFORATIONS/SCREENS:	
	SAND W/ GRAVEL 210 236
A circumsta	CEMENTED SAND 236
	W/CLAY - Z40
From To size Number Diameter size Casing Line	5AND 240 247
60 260 1x'4 200 12" X	CEMENTED SAND& 249 -
	CLAY - 288
90 300 1x'4 400 12" X	SAND & GRAVEL 288 3021
90 100 100	SAND STONE 302 333 28
	34,00
(8) WELL TESTS: Minimum testing time is 1 hour	Date stated
Thomas D'Arterian	(unbonded) Water Well Constructor Certification:
Pump Baner Time	I certify that the work I performed on the construction, alteration, or abandon-
Yield gavmin Drawdown	ment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my
500+ 325 Ihr.	knowledge and belief.
	WWC Number
-	Signed Date
Temperature of water 50° Depth Artesian Flow Found	W. B. C
Temperature	l accept responsibility for the construction, alteration, or abandonment work
Was a water analysis done? Yes By whom	performed on this well during the construction dates reported above. All work
Did any strata contain water not suitable for intended use?	performed during this time is in compliance with Oregon water supply well construction standard. This report is true to the less of they knowledge and belief
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other	construction standards his report is true to the desiron by known age in 1775
Depth of strata:	Signed Reson Regulation 8-3-
	ROPARION
THE RECOURSE DEBARTMENT EI	RST COPY - CONSTRUCTOR SECOND COPY - CUSTOMER
ORIGINAL - WATER RESOURCES DEPARTMENT FI	RGI COLI - COLISTROCTOR





Extension of Time Progress Report Form For Checkpoints

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

Permit Holder: William Arron Welch

Reviewed by:

Application G-15493

Permit G-15208

Progress Report for 2018

Report Due no later than October 1, 2018
DO NOT SUBMIT PRIOR TO 30 DAYS BEFORE DUE DATE

As authorized in ORS 690-315-0050(6), this progress report is required in order to ensure diligence is exercised in the development and perfections of Permit G-15208.

FAILURE TO SUBMIT THIS REPORT WILL MOST LIKELY RESULT IN ANY FUTURE EXTENSION BEING DENIED.

DATES		ACCOMPLISHED and FINANCIALINY STM (me between April 17, 2014 and October	
6/2014	Flowmeter instal	led	\$2,000
		ompliance with conditions of the permit water applied across authorized place	
4. Provid		ed to date: 238 (NA if not applicable) or duty if applicable, of water diverted for	r beneficial use under this
Maxir or Maxir or Acre F	mum rate used to date = mum rate used to date = Feet stored to date =	cfs (cubic feet per second) 700 gpm (gallons per minute) AF AN ANSWER IS REQUIRED IN EACH ITEM. Date / Z-Z	Report the rate in the same units of measurement as specified in the permit, being cfs (cubic feet per second), gpm (gallons per minute) or AF (acre-feet). Do not provide daily, monthly or annual water volume totals.
	e/Title William	A WelchPermit holder OWNER	
Diligence Show	n 🗆 Yes 🗆 No	Date Public Noticed:	

For OWRD use only

Date: