CLAIM OF BENEFICIAL USE for Groundwater Permits claiming more than 0.1 cfs

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

RECEIVED
SEP 28 2023
OWRD

A fee of $230 must accompany this form for permits 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

RECEIVED
SEP 11 2023
OWRD

SECTION 1
GENERAL INFORMATION

1. File Information:

APPLICATION #	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-15846	G-18142	T-12852

2. Property Owner (current owner information):

Applicant/Business Name	Phone No.	Additional Contact No.
Hans Hendgen	503.435.8395	N/A
Address		
1271 NE Hwy 99W PMB 418		

City	State	Zip	E-Mail
McMinnville	OR	97128	hahendgenconstruction@gmail.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 holder of record (this may, or may not, be the current property owner):

Permit Holder of Record
Same as above
Address

City	State	Zip

Additional Permit Holder of Record
NA
Address

City	State	Zip

RECEIVED
SEP 11 2023
OWRD

4. Date of Site Inspection:

30 MAR 2023

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

Name	Date	Association with the Project
Joely Williamson	Spring and summer 2023	The landowner

6. County:

Yamhill

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
Hans Hendgen and Joely D. Williamson
Address
1271 NE Hwy 99W PMB 418

City	State	Zip
McMinnville	OR	97128

Add additional tables for owners of record as needed

RECEIVED
SEP 28 2023
OWRD

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.

Seal and Signature

CWRE NAME		PHONE NO.	ADDITIONAL CONTACT NO.
Eric Urstadt, PE, PLS, CWRE		971.250.1520	NA
ADDRESS			
39290 NW Murtaugh Road			
CITY	STATE	ZIP	E-MAIL
North Plains	OR	97133	ericurstadt@hotmail.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
Hans Hendgen	Hans Hendgen	Landowner	9/1/2023

RECEIVED
SEP 18 2023
OWRD

RECEIVED
SEP 11 2023
OWRD

SECTION 3

CLAIM DESCRIPTION

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)
POA 1 (YAMH-6866)	**unknown**	**L-151805**

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
POA 1	**South Yamhill River Basin**	**Yamhill 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)
POA 1	**irrigation**	**Hazelnuts**	**Irrigation system**	**63 GPM**
Total Quantity of Water Used				**63 GPM**

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:

The well has a submerged pump that pumps water directly via buried mainlines to the fields. The fields are split into watering areas. The largest area uses 63 GPM as per the irrigation system design prepared by Andrey Kaya of OVS (Oregon Vineyard Supply).

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."*)

The maximum rate is a bit smaller than in the permit – 63 GP vs. 67.3 GPM permitted.

6. Claim Summary:

RECEIVED
SEP 18 2023
OWRD

RECEIVED
SEP 11 2023
OWRD

well	0.15 CFS	63 GPM	N/A	irrigation	29.0	29.0

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):

POA 1

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
5S	4W	WM	7	SW-NE	-	43	Irrig	5.9	0
5S	4W	WM	7	SE-NW	3	-	Irrig	2.8	0
5S	4W	WM	7	SE-NW	-	43	Irrig	4.6	0
5S	4W	WM	7	NE-SW	4	-	Irrig	1.3	0
5S	4W	WM	7	NE-SW	-	43	Irrig	3.5	0
5S	4W	WM	7	NW-SE	-	43	Irrig	10.9	0
Total Acres Irrigated								29.0	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)

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:

The access port is a ~~1/5~~ 1.5" threaded pipe with cap welded to the north side of the well casing.

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 Attachment B – Well Log Data			

RECEIVED
SEP 28 2023
OWRD

RECEIVED
SEP 11 2023
OWRD

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.

Note: T-12099, and permit G-17491 erroneously label this well as YAMH_54116

C. Groundwater Source Information (Sump)

1. Is the appropriation from a dug well (sump)? NO

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

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:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
unknown	unknown	unknown	Submersible		

3. Motor Information:

MANUFACTURER	HORSEPOWER
unknown	5 HP is best guess.

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)
5	35 at emitters*	0 – submerged pump	30	0.30*

5. Provide pump calculations:

See attachment "D" – pump calcs. The 0.30 CFS theoretical rate is limited by the drip line system. Note: The actual system rate is 0.14 CFS rate as calculated by Andrey Kaya, Sales manager of OVS (Orchard & Vineyard Service). OVS designed the watering system to have the maximum rate be 0.15 CFS or less per the permit requirement. I have used their data on the emitters, pressure and spacing and came up with very similar answers of per acre irrigation.

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)
N/A			

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

RECEIVED
SEP 28 2023
OWRD

8. Mainline Information:

Mainline Size	Length	Type of Pipe	Buried or Above Ground
3"	750'	PVC	Buried
2"	1900	PVC	Buried

9. Lateral or Handline Information:

Lateral or Handline Size	Length	Type of Pipe	Buried or Above Ground
N/A			

10. Sprinkler Information:

Size	Operating PSI	Sprinkler Output (GPM)	Total Number of Sprinklers	Maximum Number Used	Total Sprinkler Output (CFS)
N/A					

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)
18mm (dripline)	35	0.42 (GPH)	18046	8836	0.14 (or 63 GPM)

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
N/A					

13. Pivot Information:

Manufacturer	Maximum Wetted Radius	Operating PSI	Total Pivot Output (GPM)	Total Pivot Output (CFS)
N/A				

E. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)? **NO**

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

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. **Items 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. **Items deleted.**

H. Additional notes or comments related to the system:

RECEIVED
SEP 28 2023
OWRD

RECEIVED
SEP 11 2023
OWRD

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	20 NOV 2018		
Begin Construction (A)	NA	NA	NA
Complete Construction (B)	15 JAN 2020	Summer 2019	Summer 2019
Complete Application of Water (C)	15 JAN 2020	Summer 2019	Summer 2019

* 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. **Items Deleted**

a. Did the Extension Final Order require the submittal of Progress Reports? **NO**

If "NO", item b relating to this section may be deleted. **Item 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
N/A			

4. Annual Static Water Level Measurements:

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

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

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

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
N/A			

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? **NO**

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

d. Has the pump test been approved by the Department? **NO**

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
POA 1	ARAD	—	17-505135561	18483000 Gal	Spring 2019

If a meter has been installed, items d through f relating to this section may be deleted. **Items Deleted**

RECEIVED
SEP 28 2023
OWRD

RECEIVED
SEP 11 2023
OWRD

7. Recording and reporting conditions:

a. Is the water user required to report the water use to the Department? **YES**

Note: I found that the water use reporting done by the landowner has the wrong acres. The acres watered per the permit should be 29.0 acres and not 17.70; the 17.70 acres came from T-12852 in which that permit amendment moved 17.7 of the 29.0 acres.

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? **NO**

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-151805	Summer 2023

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):

1.) **Condition: The pump shall be sized or adjusted with a compliant flow restrictor or similar device to meet, but not exceed, the total authorized rate for use from the well. Solution: The owner had OVS design the drip system to not exceed the total authorized rate. See drip emitter information above. This solution has been discussed and verbally approved by Gerry Clark of the Oregon Water Resources Certificate Section.**

SECTION 6

ATTACHMENTS

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

ATTACHMENT NAME	DESCRIPTION
A	Claim of Beneficial Use Map
B	Well Log Data
C	GLO map
D	Pump Calcs

SECTION 7

RECEIVED
SEP 28 2023
OWRD

RECEIVED
SEP 11 2023
OWRD

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 PROPERTY, QUARTER-QUARTER, AND DONATION LAND CLAIM LINES ARE BASED ON THE TAX ASSESSOR MAP FOR SECTION 7, T5S, R4W. IRRIGATION AREAS ARE BASED ON 2021 GOOGLE AERIAL PHOTO AND SITE VISIT.

RECEIVED
SEP 28 2023
OWRD

RECEIVED
SEP 11 2023
OWRD

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

ATTACH D-1/

Pump Capacity Calculation Sheet

using Department designed formula:

(hp)(efficiency) / (lift + psi head) = capacity in cfs

Efficiency:

Centrifugal = 6.61
Turbine = 7.04

Data Entry (fill in underlined blanks)

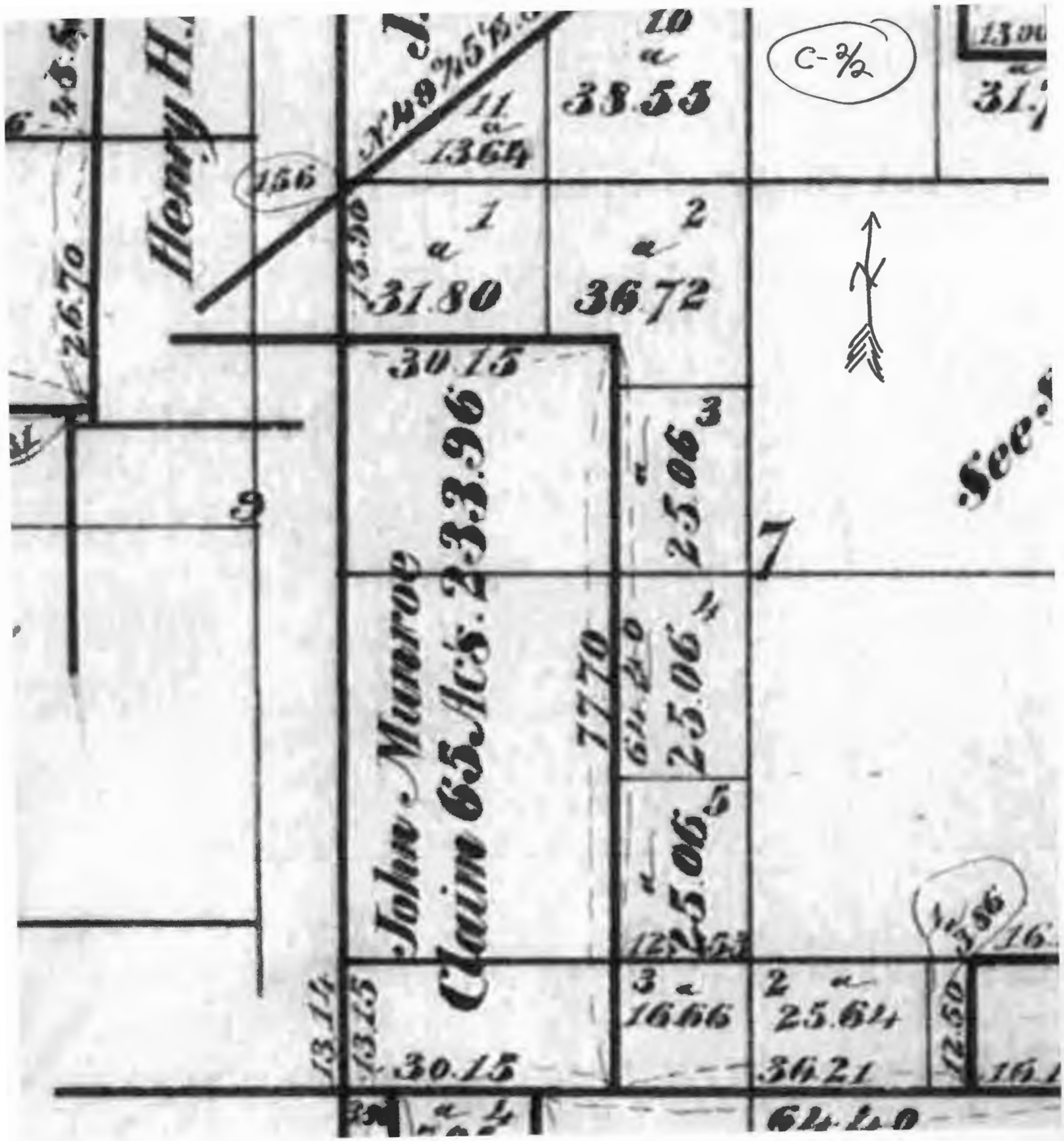
HP =	5
Efficiency =	7.04
Lift =	30
PSI =	35

Results Calculated

(hp)(efficiency) =	35.2
Head based on psi =	88.9
Total dynamic head = (head + lift)	118.9

Pump Capacity = 0.30 feet per second

ATTACH
C-½


C-3/2
Henry H.
N 49 ¾ E
156
10
a
38.55
11
a
13.64
1
a
31.80
2
a
36.72
26.70
30.15
3
a
25.06
7
9
John Munroe
Claim 65 Acs. 233.96
17.70
4
a
25.06
5
a
25.06
3
a
16.66
2
a
25.64
30.15
36.21
13.15
12.50
64.40
See
RECEIVED
SEP 28 2023
OWRD

The original and first copy of this report are to be filed with the WATER RESOURCES DEPARTMENT, SALEM, OREGON within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

YAMH 6866

YAMH 6866

ATTACH 01-12

State Well No. 5s/4w-7ac

State Permit No. .....

(DO not write above this line)

RECEIVED
NOV 9 1978
WATER RESOURCES DEPT.
SALEM, OREGON

(1) OWNER:
Name Elmer Shaver
Address Rt 1 Box 204
McMinnville Ore 97128

(2) TYPE OF WORK (check):
New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ]
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:
Rotary [ ] Driven [ ]
Cable [X] Jetted [ ]
Dug [ ] Bored [ ]

(4) PROPOSED USE (check):
Domestic [ ] Industrial [ ] Municipal [ ]
Irrigation [ ] Test Well [ ] Other [X] Aquaculture

CASING INSTALLED: Threaded [ ] Welded [ ]
12 " Diam. from 0 ft. to 88 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS: Perforated? [X] Yes [ ] No
Type of perforator used Torch
Size of perforations 6" in. by 1/4 in.
250+ perforations from 44 ft. to 88 ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? [ ] Yes [X] No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? [X] Yes [ ] No If yes, by whom? Self
Yield: 240 gal./min. with 40 ft. drawdown after 4 hrs.
" " " "
" " " "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 53° Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Concrete
Well sealed from land surface to 19' ft.
Diameter of well bore to bottom of seal 24 in.
Diameter of well bore below seal 24 in.
Number of sacks of cement used in well seal 16 sacks
How was cement grout placed? 3 yd concrete mixed according to letter of variance dated Oct. 26 1978. Signed by William McCall
Was a drive shoe used? [ ] Yes [X] No Plugs Size: location ft.
Did any strata contain unusable water? [ ] Yes [X] No
Type of water? depth of strata
Method of sealing strata off
Was well gravel packed? [X] Yes [ ] No Size of gravel: 3/8" to 1/4"
Gravel placed from 19' ft. to 88' ft.

(10) LOCATION OF WELL: Shaver #3
County Yamhill Driller's well number
SW 1/4 NE 1/4 Section 7 T. 5 S R. 4 W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 45 ft.
Static level 35 ft. below land surface. Date
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing ~~24~~ 24"
Depth drilled 88 ft. Depth of completed well 88 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
Top Soil	0	3	
Sub soil	3	5	
Brown Clay	5	28	
Blue clay	28	45	
Sand, gravel (Black medium to fine Trout Lake Fm)	45	67	
	67	88	
Blue Clay	88		

RECEIVED
SEP 28 2023
OWRD

Work started 19 Completed Oct 20 1978
Date well drilling machine moved off of well Oct Sept 26 1978

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Elmer Shaver Date Oct 20, 1978
(Drilling Machine Operator)
Drilling Machine Operator's License No.

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name (Person, firm or corporation) (Type or print)
Address
[Signed] (Water Well Contractor)
Contractor's License No. Date 19

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45656-119

YAMH 6866

B1-2/2

ROBERT W. STRAUB
GOVERNOR

Water Resources Department

MILL CREEK OFFICE PARK
555 13th STREET N.E., SALEM, OREGON 97310

1-800-452-7813
PHONE 378-8455

October 9, 1978

Elmer E. Sharer
Route 1 Box 204
McMinnville, OR 97128

Dear Mr. Sharer:

As I advised you during your visit to this office on October 6, 1978, the use of concrete instead of cement grout will be permitted as a sealing material to fill the annular space of your irrigation well covered under Landowner's Bond No. SB 33006. The location of the proposed well is within the SW¼ of the NE¼ of Section 7, Township 5S, Range 4W W.M.

Permission is granted herewith to use concrete instead of cement grout in the annular seal of the well provided that the required seal interval is constructed with a 24" oversize drill hole and provided that it is cased with 12" diameter standard well casing. The annular seal must extend to a depth required by Oregon's well construction standards.

The concrete for use in the aforesaid well should consist of clean, hard, durable aggregate and not less than five(5) sacks of Portland cement per cubic yard of concrete. The maximum diameter of aggregate particles should not exceed 1½ inches. The ratio of coarse aggregate to fine aggregate (passing No. 4 U.S. Standard Sieve) should be approximately one and one-half to one by volume but in any case should not exceed two to one nor be less than one to two.

The remainder of the well, other than the seal interval, should be constructed in accordance with the required Oregon well construction standards.

Sincerely,

WILLIAM B. McCALL
Hydrogeologist

WBM:cah

ATTACH B2 - 1/2

Oregon Water Resources Department
Well Log Information System

Well Log: YAMH 6866

Main | Help | Return | Contact Us

Well Information

[Click to Collapse...]

Identification

Type of Report: Water Well
Type of Work: NEW
Well Report: YAMH 6866 View Log Groundwater Site
Well Label:
Start Card:
Original Report:
Owner Well Nbr:
Company Job Nbr:
Primary Use: OTHER - OTHER
Complete Date: 10/20/1978

Land Owner

Name: ELMER SHARER
Company:
Address:

Note: Tax lot overlay available only for a few counties.

Location

[Click to Collapse...]

Latitude/Longitude

Latitude: 45.15411591
Longitude: -123.23011756
Horiz. Error: 100.00 ft.

Location

County: YAMH
TRSQQ: WM5.00S4.00W7SWNE
Tax Map:
Tax Lot:
Lot:
Block:
Subdivision:
Street of Well:
WM District: 22
Surface Elev:

Well Report Mapping Tool

Well Construction

[Click to Collapse...]

Construction

Start Date:
Completed Date: 10/20/1978
Drill Method:
Depth of Completed Well: 88.00
Est. Depth Drilled: 88.00
Special Standards:
Seal Placed Method:
Abandonment Start Date:
Abandonment Completed Date:

Backfill

Backfill Placement:
Backfill Material:
Explosives Used:
Explosive Type:
Explosive Amount:

Filter Pack

Filter Pack:
Filter Pack Material:
Filter Pack Size:

Bore Hole

No data matches search criteria.

Seal

No data matches search criteria.

Abandonment Log

No data matches search criteria.

Casing/Liner

Row	Casing/Liner	Diameter (in)	From (ft)	To (ft)	Gauge	Material	Weld	Glue	Thread	Shoe Inside	Shoe Outside	Shoe Other	Shoe Location
99	C	12.00											

Temporary Casing

No data matches search criteria.

Perforations

No data matches search criteria.

Screens

No data matches search criteria.

RECEIVED
SEP 18 2023
OWRD

Well Test

[Click to Collapse...]

Well Test
Temperature:
Lab Analysis:

B2 - 2/2

Lab Analysis Done By:
Total Dissolved Solids:
Water Quality Concerns:

Well Test

Test Type	Yield (gpm)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)	Calculated Specific Capacity (gpm/ft)
Pump	240.0	40.0		4.0	6.00

Analysis

No data matches search criteria.

Static Water Level

(Click to Collapse...)

Static Water Level
Depth First Water: 45.00
Pre-Static Water Level:
Pre-Static Water Level Date:
Post-Static Water Level: 35.0
Post-Static Water Level Date:

Static Water Level

No data matches search criteria.

Well Constructor

(Click to Collapse...)

Bonded Driller Name: LAND OWNER
Bonded Driller Company: LAND OWNER
Bonded Driller Number: 999999
Bonded Date Signed:

Unbonded Name:
Unbonded Company:
Unbonded Number:
Unbonded Date Signed:
Other Name:
Other Affiliation:
Other License Nbr:

Geologist Engineer:
Geologist Date Signed:

RECEIVED
SEP 28 2023
OWRD

ATTACH B3-1/1

Oregon Water Resources Department
Groundwater Information System

Groundwater Site: YAMH 6866

Main Help
Return Contact Us

Site Identification (Click to Collapse...)

GW LogID: YAMH 6866 Well Log Database
GW Well Tag Number:
Tag Verified on Well: No
Site Type: WELL
Primary Use: IRRIGATION
Unused Status:
Site Source Organization:
Site Source OWRD:
Established By: wozniakc
Established Date: 05/14/2014
Bonded Company: LAND OWNER
Stage: COMPLETE

Location (Click to Collapse...)

Latitude/Longitude
Latitude: 45.15411591 **Horiz. Error:** 100.00 ft.
Longitude: -123.23011756 **Datum:** WGS1984
Lat/Long Source: WR APPL MAP

Location
TRSQQ: WM 5.00S4.00W7SENW
Tax Map: 05S-04W-07
Taxlot: 300
24 Quad: MCMINNVILLE
Basin: 2 - Willamette
County: Yamhill
WM District: 22
WM Region: NW
LSD Elev: 150.00 Accy: 5.00 Datum: NGVD1929
Elev Source: 7.5-MINUTE MAP
Groundwater Mapping Tool

Water Rights (Click to Collapse...)

Water Right PODs

POD	WRIS Details	Application	Permit	Cert	Transfers	Claim	supplemental	priority_date	Season of Use	max_rate_cfs	rate_cfs	rate_cfs_est	TRSQQ
POD 1 - A WELL > SOUTH YAMHILL RIVER BASIN	WRIS	G 15846	G 18142		T 12852			10/3/2002	3/1 ~ 10/31	0.150	0.150		WM5.00S4.00W7SENW

Well Construction History (Click to Collapse...)

Well Construction History

Well Log id	Well Log	Work Type	Startcard	Well Tag	Owner Name	First Water	Max Case. Diam.	Max Case. Depth.	Max Seal Depth.	Max Depth	Completed Depth	Complete Date
YAMH 6866	Log	NEW			ELMER SHARER	45.00	12			88.00	88.00	10/20/1978

Well Log	Aquifer	Aq at Max Depth	System Aquifer	Regional USGS Aquifer	Local USGS Aquifer
YAMH 6866	Quaternary-Late Tertiary sediment Aq	Quaternary-Late Tertiary sediment Aq	Quaternary-Late Tertiary Sediment Aquifers	Willamette Lowland basin-fill aquifers	

Well Test

Well Log	Test Type	Yield(gpm)	Drawdown	Duration (hr)	Calculated Specific Capacity (gpm/ft)
YAMH 6866	Pump	240.0	40.0	4.0	6.00

Measured Water Level (Click to Collapse...)

Records/Page: 20 Find

Measured Water Level

Date	Time	Water Level (BLSD)	WL Elev (ft AMSL)	Organization	OWRD	Method	Status	MP Height
10/20/1978		35.00	115.00	DRILLER	WELL LOG	REPORTED	UNKNOWN	

Available Data (Click to Collapse...)

Aquifer Test Completed:
Geophysical Log Completed:
Water Chemistry:
Flowing Well:
Saline:
Rock Geochemistry:
OWRD Recorder:
Other OWRD Recorder:

Other Documents/Images (Click to Collapse...)

Image/Document Library

No data matches search criteria.

RECEIVED
SEP 28 2023
OWRD

Aspen
Rural Land Consulting

Water Resources, Water Rights, Land
Surveying, Engineering, Land Use Planning

ERICURSTADT@HOTMAIL.COM
971-250-1520 (MOBILE)

Water Resources Department
Attn: Certificate Section
725 Summer Street NE, Ste. A
Salem, OR, 97301

3 AUG 2023

Subject: Claim of Beneficial Use (COBU) for permit G-18142

To Whom It May Concern:

Enclosed is a COBU for permit G-14182 together with the following attachments:

A. COBU Map
B. Well Log Data
C. GLO Maps
D. D-Pump Calcs
E. A check made out to "Oregon Water Resources Department" for $230.00.

Please let me know if there are any concerns or you need any more information.

Respectfully,
Aspen Rural Land Consulting

Eric Urstadt, PE, PLS