July 25, 2025

Jennifer Cossey
jen@brookswine.com
1015 VAQUERO RD
Pebble Beach, CA 93953

Letter sent via email only.

Re: Well #1 (L131327), 3,000-Gallon Tank, & NSF-55 Class B UV (PR#84-2025)
Brooks Wine (PWS ID# 95761)
Conditional Approval

Dear Ms. Cossey,

Thank you and Shannon Mayhew for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the water system (described below) for Brooks Wine. which is licensed and regulated by the Oregon Dept. of Agriculture. On June 18, 2025 our office received a plan review fee of $825 to accompany plans and photos of the new transient non-community water system (winery/tasting room).

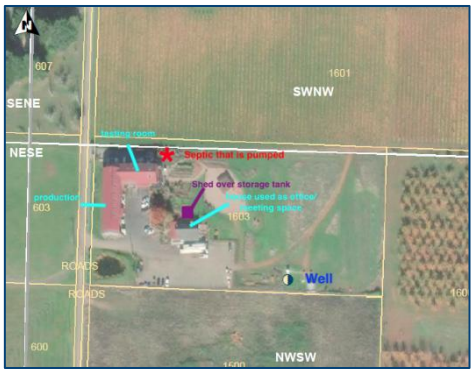
The project includes a review of:

- Pre-existing facilities consisting of:
  - One well tagged L131327 with associated well log YAMH58017, which was constructed 8/29/2018 and designated as "SRC-AA Well #1",
  - One 87-gallon pressure tank (Pentaire WellMate Model #WM25-WB),
  - One 3,000-gallon concrete buried rectangular cistern, and
  - One NSF Standard 55 Class B UV unit (Trojan/Viqua model# UVMax F4) used for secondary treatment (not primary disinfection).

Water from the well flows to the 3,000-gallon buried concrete cistern. The concrete cistern is pre-existing and previously just served a residence until the winery was constructed in 2014. Water is then pumped out of the cistern to the 87-gallon pressure tank and UV unit. The UV unit is a UVMax Model F4, which is certified to NSF Standard 55 Class B and is considered "secondary treatment", and not approved for coliform, E-coli, or viral inactivation. Water then splits to supply the distribution system consisting of the farmhouse/office, processing facility and tasting room. The transient non-community system is anticipated to serve an average daily population of 50, including 8 employees.

New System Capacity Assessment – Pending water rights information.

A new system Capacity Assessment is also being completed in conjuction with this plan review. The system was prevously operating since 2014, but was activated as a new transient non-community water system on May 23, 2025 as shown on our website at: https://yourwater.oregon.gov/inventory.php?pwsno=95761.



Water rights information – Need to confirm Exempt Use applies with WRD.

☐ If water rights are needed, documentation (e-mail correspondence, letter, etc.) showing what water rights are needed. Joel Plahn, Water Master with Oregon Water Resources Department (WRD), has been cc'd on this letter and is aware of the new well. Please reach out to Joel for water rights information.

District-22 NW Region	Joel Plahn joel.m.plahn@water.oregon.gov	725 Summer Street NE, Suite A Salem, OR 97301	503-508-2394	503-986-0904

Engineered Plans Waiver - Granted:

Under OAR 333-061-0060(1)(b), submittals must be prepared by a Professional Engineer registered in Oregon, unless exempted by DWS. An exemption was granted for this submittal on July 24, 2025. **Note that by utilizing this exemption, the water system takes full responsibility for the design of the project.**

Geologist Well Evaluation – Adequate construction into a confined aquifer

Based upon the well log (YAMH58017), Well #1 (SRC-AA, L131327) was determined by our geologist, Tom Pattee, to be adequately constructed into a confined aquifer.

1962 Well – Not included in this plan review – ensure it is disconnected

A second well (designated *"SRC-BA 1962 Well #2 (YAMH7105) – Unapproved"*) constructed 1/22/1962, YAMH7105) was identified on the property, however this well was reported as being not in use (capped) and appears to be outside the 100-ft setback of the 2018 well (SRC-AA), therefore, it was inventoried in case it is placed into use in the future**, but not included in this plan review. You must ensure this well is not physically connected/piped to the existing drinking water system.**

Conditions needing to be met prior to Final Approval

Notwithstanding the 1962 well, the remainder of the project is granted Conditional Approval, which means that **for Final Approval, the following conditions will need to be met:**

> ***Note**: construction-related conditions are required under our standards as indicated in the Oregon Administrative Rules (OAR) 333-061-0050 online at:*
>
> *https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PLANREVIEW/Documents/OAR-333-061-0050.pdf*

OAR 333-061-0062 – Land Use Coordination:

1. ☐ Certain plan review approvals for drinking water projects affect land use within city and county comprehensive plans and land use regulations and need land use approval. **To meet this requirement, you may have the local planning authority (e.g., Yamhill County) sign our land use form** available as a *PDF* or *MSWord* available on our plan review page online at:

   https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PLANREVIEW/Pages/index.aspx#landusestatement

OAR 333-061-0050(2)(a) – Wells:

2. ☐ **The area within 100 feet of the well shall be owned by the water supplier, or a perpetual restrictive easement shall be obtained** by the water supplier for all land (with the exception of public rights-of-way) within 100 feet of the well. The easement shall be recorded with the county in which the well is located and with the recorded deed to the property. A certified true copy shall be filed with the Authority.
3. ☐ The area in the vicinity of a well, particularly uphill or upstream, shall be **surveyed or othewise evaluated to determine any existing or potential hazards**;
4. ☐ **The following sanitary hazards are not allowed within 100 feet of a well** which serves a public water system unless waived by the Authority: Any existing or proposed pit privy, subsurface sewage disposal drain field; cesspool; solid waste disposal site; pressure sewer line; buried fuel storage tank; animal yard, feedlot or animal waste storage; untreated storm water or gray water disposal; chemical (including solvents, pesticides and fertilizers) storage, usage or application; fuel transfer or storage; mineral resource extraction,

vehicle or machinery maintenance or long-term storage; junk/auto/scrap yard; cemetery; unapproved well; well that has not been properly abandoned or of unknown or suspect construction; source of pathogenic organisms or any other similar public health hazards.

No gravity sewer line or septic tank shall be permitted within 50 feet of a well which serves a public water system. Clearances greater than indicated above shall be provided when it is determined by the Authority that the aquifer sensitivity and degree of hazard require a greater degree of protection.

Above-ground fuel storage tanks provided for emergency water pumping equipment may be exempted from this requirement by the Authority provided that a secondary containment system is in place that will accommodate 110 percent of the fuel tank storage.

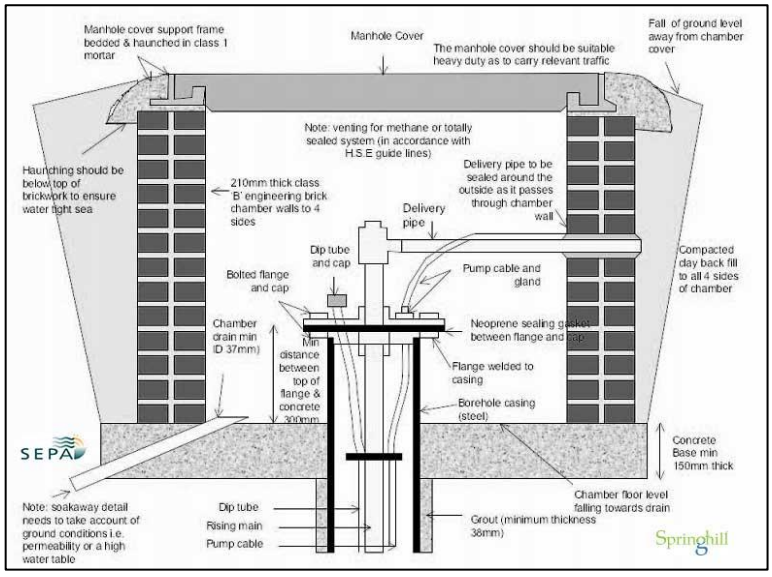
5. ☐ **A raw water sampling tap** (e.g., hose bib) shall be provided on the pump discharge line of the well, prior to treatment or storage tanks and as close to the wellhead as possible. This sample tap will be used to sample annual raw water source assessment coliform bacteria monitoring from the well (source assessment samples should be marked as having been taken from "**Well #1 – SRC-AA**"). This sample tap will also be used to sample for nitrate and arsenic indicated in condition #6 below.
6. ☐ **A sample tap (e.g., hose bib) located after treatment** and tanks is also required and should be located after the UV unit and before the piping splits to serve structures on the property. This point will be designated **"entry point A" (EP-A)** and will be the location at which annual nitrate sampling is to take place (nitrate samples should be marked as being taken at "EP-A").
7. ☐ **Test results taken of the well's raw water** (prior to treatment or storage tanks) for **nitrate, arsenic, and coliform bacteria** are submitted (previous sampling of nitrate and arsenic will be counted as entry point samples for EP-A.
8. ☐ The pump installation, piping arrangements, other appurtenances, and well house details at wells which serve as the source of supply for a public water system, shall meet the following requirements:
    a) ☐ Where submersible pumps are installed, the top of the casing shall be provided with a **watertight sanitary seal**;
    b) ☐ **A casing vent** shall be provided and shall be fitted with a screened return bend **(wells equipped with a pitless adapter may have a screened pitless adapter cap)**;
    c) ☐ Piping arrangements shall include **provisions for pumping the total flow from the well to waste**;

d) ☐ A method of determining the total output of the well (e.g., a **flow meter**) shall be provided. This requirement may be waived by the Authority at confined wells which serve as the source of supply for transient non-community water systems);

e) ☐ A **reinforced concrete slab** shall be poured around the well casing at ground surface such that the top of the well casing extencds at least 12 inches above the slab and where the slab is sloped to drain away from the casing and the ground surface around the well slab graded so that drainage is away from the well **(wells equipped with a pitless adapter do not need a concrete slab)**;

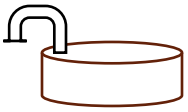
f) ☐ Provisions shall be made for protecting pump controls and other above-ground appurtenances at the well head. Since the wellhouse protects the distribution pump, pressure tank and UV unit, a **cover over the wellhead** is all that is needed and may consist of a small removable box-like structure that allows for servince the pump.

g) ☐ The wellhead covering shall be **constructed so that the well pump can be removed** (wells equipped with pitless adapters do not need to be enclosed in a well house). I have provided some **examples below**:

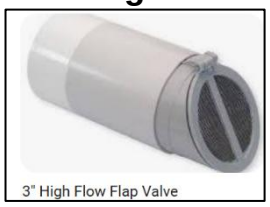


OAR 333-061-0050(6)(a) – Storage tanks

10. ☐ The tank is equipped with:
    a) ☐ a **watertight roof**;
    b) ☐ An **access hatch** to permit entry to the interior for cleaning and maintenance. When the access hatch is on the roof of the tank there shall be a curbing around the opening and a **lockable watertight cover that overlaps the curbing**;
    c) ☐ An **internal ladder** of durable material if the only hatch is on the roof;
    d) ☐ **One or more screened vents** shall be provided above the highest water level to permit circulation of air above the water in the tank and exclude insects, birds, and rodents. If a vent is installed on the roof or in the hatch lid, it should be constructed like a downward turned pipe with an insect screen affixed to the end to prevent rodents, insects, and debris from falling into it;



    e) ☐ **A drain** shall be provided at the lowest point in the bottom of the tank;
    f) ☐ **An overflow** of sufficient diameter to handle the maximum flow into the tank shall be provided at or near the top of the sidewall.
    g) ☐ The **outlet ends of the drain and overflow shall be fitted with angle-flap valves** or equivalent protection and shall discharge to a watercourse or storm drain capable of accommodating the flow with a vertical separation between the bottom of the pipe and top of the receiving body or structure;



    h) ☐ A **siltstop** shall be provided at the outlet pipe;
    i) ☐ Where a single inlet/outlet pipe is to remain and the tank floats on the system, provisions shall be made to insure an **adequate exchange of water** and to prevent degradation of the water quality and to assure disinfection levels are detectable throughout the distribution system;
    j) ☐ A **fence or other method of vandal deterrence** (e.g., lock on the pumphouse door) shall be provided to restrict unauthorized access to the tank;

OAR 333-061-0050(6)(b) – Pressure Tanks:

11. ☐ **The pressure tanks shall be provided with**:
    a) ☐ A drain,
    b) ☐ Pressure gauge,
    c) ☐ An air blow-off valve,
    d) ☐ a means for adding air, and
    e) ☐ pressure switches for controlling the operation of pump(s).

OAR 333-061-0050(10) – Disinfection of Facilities:

12. ☐ New facilities or major modifications such as reconfiguring piping in the pump house or modifying the tanks are **disinfected, flushed, and tested** (coliform bacteria presence/absence test) following construction in conformance with OAR 333-061-0050(10).

As provided under OAR 333-061-0055 (end of page 26), Drinking Water Services may grant **waivers from construction standards** under some conditions (e.g., the absence of pressure tank bypass piping or an internal tank ladder) as shown below.

333-061-0055
Waivers from Construction Standards
The Authority may grant waivers from the construction standards prescribed by these rules:
(1) When it is demonstrated to the satisfaction of the Authority that strict compliance with the rule would be highly burdensome or impractical due to special conditions or causes; and
(2) When the public or private interest in the granting of the waiver is found by the Authority to clearly outweigh the interest of the application of uniform rules; and
(3) When alternate measures are provided which, in the opinion of the Authority, will provide adequate protection to the health and safety of the public including the ability to produce water which does not exceed the maximum contaminant levels listed in OAR 333-061-0030.
Stat. Auth.: ORS 448.131
Stats. Implemented: ORS 448.131 & 448.135

OAR 333-061-0050 Page 256 of 340 Effective January 1, 2021

The **construction standards waiver application form** is available as a fillable MS Word or a PDF document on our plan review page online at:

https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PLANREVIEW/Pages/index.aspx#construction

Until documentation showing how these conditions have been met, and Final Approval has been granted, the system is not approved for use.

To close out this project and request final approval, please fill out the **Project Final Approval** request form and email it me at evan.e.hofeld@oha.oregon.gov along with any supplemental documentation showing how the above conditions have been met (be sure to reference Plan Review #84-2025 and public water system (PWS) ID #95761).

Supplemental documentation may include one or more of the following:

- ✓ Laboratory test results for arsenic, nitrate, and coliform bacteria from the raw well water.
- ✓ Photos of the
  - Wellhouse/cover,
  - sample taps (pre- and post-treatment),
  - tank hatch, overflow, etc.
  - pump-to-waste piping (used to pump the output of the well to waste for flushing following disinfection or well output testing),
  - etc.

- ✓ A description of how the well and new facilities were disinfected, flushed, and tested (coliform bacteria presence/absence test) following construction in conformance with OAR 333-061-0050(10) – see pdf pages 24-26 of our construction standards online at:

  https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PLANREVIEW/Documents/OAR-333-061-0050.pdf.

  You may also find it helpful to refer to this guidance for assistance with disinfection:

  https://www.oregon.gov/oha/PH/HealthyEnvironments/DrinkingWater/Operations/Pages/shockchlorination.aspx.

Information contained on subsequent pages of this letter includes maps and photos of the water system along with:

- ✓ A general system description,
- ✓ Source information including:
  - An evaluation from our geologist on the previously constructed well #1,
  - Well log and wellhead photos
  - water quality test results,
- ✓ 3,000-gallon storage tank and pressure tank information, and
- ✓ A description of the UV system

If you have any questions, please feel free to email me at evan.e.hofeld@oha.oregon.gov or call me at 971-200-0288.

Sincerely,

Evan Hofeld, PE
Regional Engineer
Drinking Water Services

CC: Shannon Mayhew, Brooks Wine - shannon@brookswine.com
Sarah Schwab, Oregon Dept of Agriculture (ODA) – Drinkingwater@oda.oregon.gov
Brian Hawkins, Oregon Dept. of Agriculture - Brian.HAWKINS@oda.oregon.gov
Melissa Wong, Yamhill County Public Health - wongm@yamhillcounty.gov
Tommy Laird, Oregon Water Resources Dept.– Tommy.k.laird@water.oregon.gov
Joel Plahn, Oregon Water Resources Dept. - Joel.M.PLAHN@water.oregon.gov

Description of facilites reviewed under Plan Review #84-2025

General water system description:

Water from the well flows to the 3,000-gallon buried concrete cistern. The concrete cistern is pre-existing and previously just served a residence until the Brooks Wine (https://www.brookswine.com/) winery was constructed in 2014. Water is then pumped out of the cistern to the 87-gallon pressure tank and UV unit. The UV unit is a UVMax Model F4, which is certified to NSF Standard 55 Class B and is considered as "secondary treatment", but not approved for coliform, E-coli, or viral inactivation. Water then splits to supply the distribution system consisting of the farmhouse/office, processing facility and tasting room.

The transient non-community system is anticipated to serve an average daily population of 50, including 8 employees.

Based on the anticipated use of less than 5,000 gallons per day for commercial use, the planned use may meet the Exempt Use criteria, in which case no water right would be needed for the well at this time.

This project has been assigned plan review #84-2025 and can be tracked online at: https://yourwater.oregon.gov/planreview.php?pwsno=957761. As a new transient non-community water system, this system has been assigned Public Water System (PWS) ID# 95761 as viewable online at: https://yourwater.oregon.gov/inventory.php?pwsno=95761. All new systems must undergo a Capacity Assessment, which will be completed concurrently with this plan review process.

Well #1 Evaluation Results Received from OHA Geologist Tom Pattee on 9-23-25:

SRC-AA – Well #1 (L131327, YAMH5807):

As Built Well Construction Evaluation for Plan Review and/or Setback Waiver:

- ☒ Well/Spring meets current construction standards.
  - ☐ WRD special construction standards, see well log or Comments.
- ☐ Well/Spring construction does not meet construction standards.
  - ☐ Not sealed to appropriate depth. Recommended depth: _____
  - ☐ Not appropriate seal materials
  - ☐ Open to more than one aquifer
  - ☐ Seal info missing or unknown
  - ☐ Seal not constructed properly (☐ Insufficient sealant volume ☐ Insufficient annular space)
- ☐ Susceptible construction, but grandfathered source. Consider for reconstruction if nitrate ≥ 5mg/L or confirmed *E. coli* at source.
- ☐ Susceptible well construction, **not approved for use**.

Comments: This well was drilled to a depth of 433 ft. The casing and casing seal extend to a depth of 139 ft, 8 ft into an 81 ft thick "hard" basalt layer that overlies the water-bearing zone. A narrow diameter liner has been placed in the well from 13 to 393 ft below ground level with a liner screen that extends to the bottom of the hole. The liner helps keep the borehole open below the casing. Therefore, it's assumed that the well functions similar to an open hole, allowing water to enter the well along the entire borehole length below the casing and casing seal. Sensitivity Analysis results suggest that well construction does not contribute to the overall sensitivity of this water source to nearby land use practices.

Nature of Aquifer Evaluation:

Aquifer Nature: ☒ Confined aquifer ☐ Semi-confined aquifer ☐ Unconfined aquifer

Comments: This well is designed to draw water from a deep, confined layered basalt aquifer. The water-bearing zone is reported to occur between 212 and 426 ft below ground level and is overlain by 81 ft of hard basalt of low permeability that acts as a confining layer. Water in the aquifer is under pressure, rising 30 ft above the identified water-bearing zone to a final static water-level of 182 ft below ground level. Sensitivity Analysis results suggest that the aquifer has a low sensitivity to nearby land use practices.

Reviewed by: Tom Pattee, R. G. Date: 07/23/2025

SRC-AA – Well #1 – L131327 (YAMH58017) – Constructed 8/28/2018

STATE OF OREGON
WELL LOCATION MAP
This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department
725 Summer St NE, Salem OR 97301
(503)986-0900

LOCATION OF WELL
Latitude: 45.1068253074 Datum: WGS84
Longitude: -123.13334330675
Township/Range/Section/Quarter-Quarter Section:
WM 5S 4W 25 NWSW
Address of Well:
21101 SE CHERRY BLOSSOM LN. AMITY

Well Label: 131327
Printed: August 30, 2018

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor

SRC-AA – Well #1 – L131327 (YAMH58017) – Constructed 8/28/2018

Well Driller's Report (Well Log)

Page 1 of 2

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

YAMH 58017
9/16/2018

WELL I.D. LABEL# L 131327
START CARD # 1040183
ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. 3164
First Name _____ Last Name _____
Company AMITY FARM LLC
Address 1015 VAQUERO RD.
City PEBBLE BEACH State CA Zip 93953

(2) TYPE OF WORK ☒ New Well ☐ Deepening ☐ Conversion ☐ Alteration (complete 2a & 10) ☐ Abandonment(complete 5a)

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:									

	Material	From	To	Amt	sacks/lbs
Seal:					

(3) DRILL METHOD
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud
☐ Reverse Rotary ☐ Other

(4) PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Community ☐ Industrial/ Commericial ☐ Livestock ☐ Dewatering ☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION Special Standard ☐ (Attach copy)
Depth of Completed Well 433.00 ft.

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/lbs
10	0	139	Bentonite Chips	0	139	69	S
6.25	139	301			Calculated	63	
6	301	433					
					Calculated		

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other POUR/PROBE/HYDRATE
Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____
Explosives used: ☐ Yes Type _____ Amount _____

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

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
●	○	6	☒	2	139	.25	○	●	☒	☐
○	●	4	☐	13	393	sch40	●	○	☐	☒

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 139
Temp casing ☒ Yes Dia 10 From + ☒ 1 To 5

(7) PERFORATIONS/SCREENS
Perforations Method _____
Screens Type machine slotted Material PVC

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner	4	393	433	.032			4

(8) WELL TESTS: Minimum testing time is 1 hour
○ Pump ○ Bailer ◉ Air ○ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
80		432	1
80		390	2

Temperature 54 °F Lab analysis ☐ Yes By _____
Water quality concerns? ☐ Yes (describe below) TDS amount 46 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County YAMHILL Twp 5.00 S N/S Range 4.00 W E/W WM
Sec 25 NW 1/4 of the SW 1/4 Tax Lot 1603
Tax Map Number _____ Lot _____
Lat _____ ° _____ ' _____ " or 45.10682531 DMS or DD
Long _____ ° _____ ' _____ " or -123.13334331 DMS or DD
◉ Street address of well ○ Nearest address
21101 SE CHERRY BLOSSOM LN. AMITY

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	8/29/2018			182

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 212.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
8/29/2018	212	426	80			182

(11) WELL LOG Ground Elevation _____

Material	From	To
Top soil	0	5
Clay, Red/Brown w/cobbles	5	68
Basalt, decayed, rough	68	71
Basalt, Hard gray	71	119
Basalt, red cinder vesicular	119	131
Basalt, Hard gray	131	212
Basalt, soft gray vesic w/some claystone	212	269
Basalt, gray w/occ soft vesic layers	269	417
Basalt, darker gray, more vesicular	417	426
Basalt, hard gray	426	433

Date Started 8/27/2018 Completed 8/29/2018

(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. Materials used and information reported above are true to the best of my knowledge and belief.
License Number _____ Date _____
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. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
License Number 1438 Date 8/30/2018
Signed DAVID PAYSINGER (E-filed)
Contact Info (optional) bluewaterdrilling.com || 503 868 7878

ORIGINAL - WATER RESOURCES DEPARTMENT
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

Test Results for Well #1:

TO: Brooks Winery
21101 SE Cherry Blossom Ln
Amity, OR 97101

05/27/2025

BROWIN

PO#:

Collection Information

Date: 05/15/2025
Time: 0908
By: Shannon M
Lab #: 20250515-012
Location: 21101 SE Cherry Blosd/well tap

Lab Receipt Information

05/15/2025
1009
SW

Case Narrative

The analyses were performed according to the guidelines in the WATERLAB Corp Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory. This report shall not be reproduced except in full without permission in writing.

WATERLAB Corp certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

Analyte	Method	Acc*	Results	Qual	MRL	Units	EPA Limit	Analysis Date Time		Tech
Arsenic, Nitrate										
Arsenic	SM3113B	A	ND		0.002	mg/l	0.010	05/24/2025		bem
Nitrogen, Nitrate	EPA300.0	A	0.959		0.2	mg NO3-N/l	10.	05/15/2025	1610	as

Test Results for the distribution system (DIST-A, post treatment):

TESTING INFORMATION DIST-A

Lab #: 20250515-011

Date Received:	5/15/2025	Time Received:	1009	Received by:	SW
Date Started:	5/15/2025	Time Started:	1322	Tech:	SW
Date Read:	5/16/2025	Time Read:	1402	Tech:	SW
Date Reported:	5/21/2025			Reported By:	RD

*Chlorine Residual: N/A

Amount of Sample Used: 100 mls

Method Code: SM 20th ED 9223B P/A Colisure ®

TOTAL COLIFORM BACTERIA RESULTS

Analysis shows Total Coliform Bacteria to be: **ABSENT**

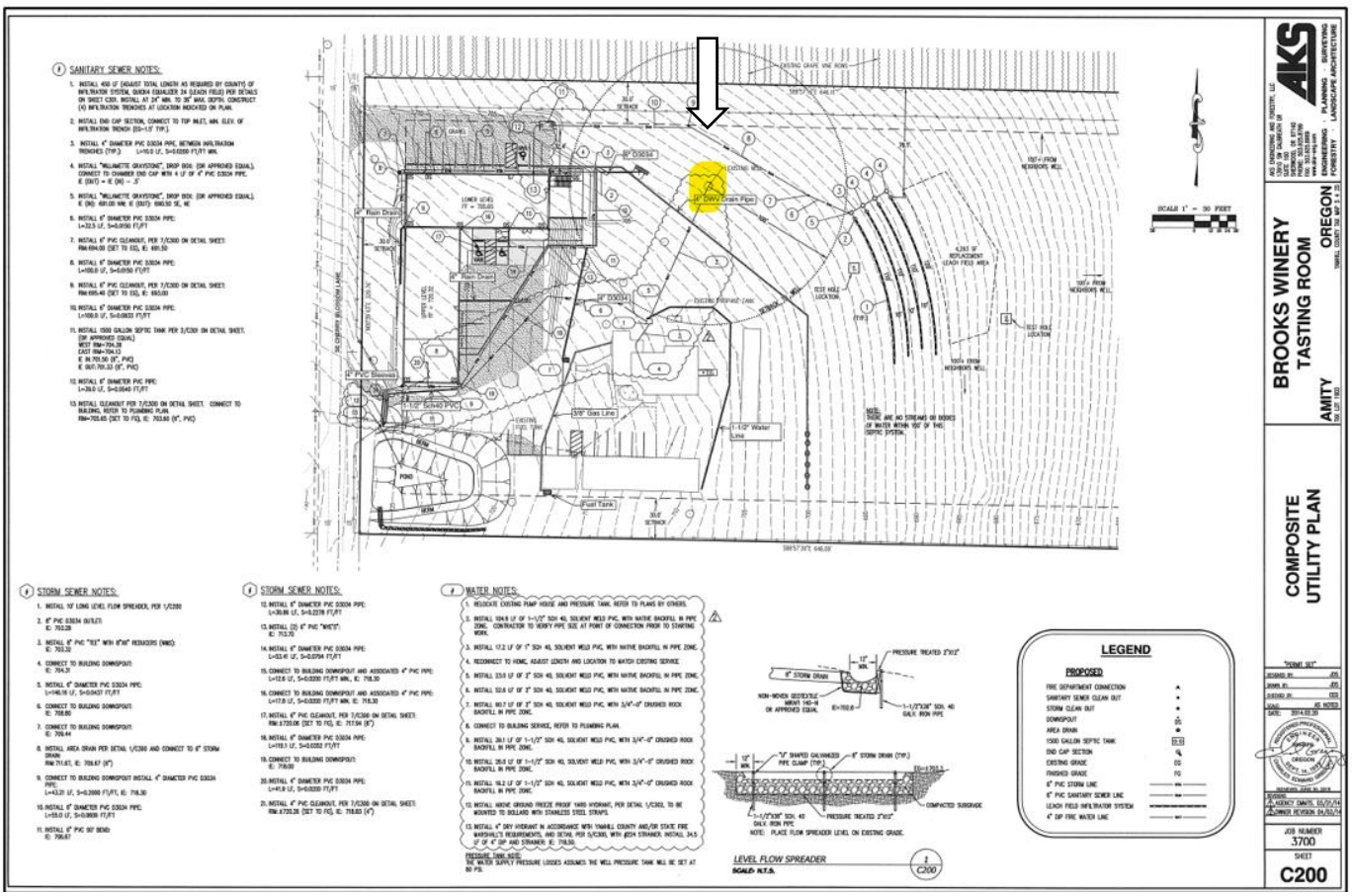
Absent= Acceptable Present= Unacceptable

E.COLI COLIFORM BACTERIA RESULTS

Analysis shows E. coli Bacteria to be: **ABSENT**

E. coli is a sub-section of Total Coliform and its presence in water indicates that raw sewage is present in the water.

SRC-BA 1962 Well #2 (YAMH7105) - Unapproved (ca. 1/22/1962) - inactive



SRC-BA 1962 Well #2 (YAMH7105) - Unapproved (ca. 1/22/1962)
Driller's Report (Well Log)

YAMH 7105

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON

State Well No. 5/4W-25M
State Permit No.

(1) OWNER:
Name E.J. Scoggs
Address Rt 1 Box 860 17 Amity Oregon

(2) LOCATION OF WELL:
County Yamhill Owner's number, if any—
¼ ¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner
Cola Walnut Grove, #2
Tract 185 – 4,1

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) TYPE OF WELL:
Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(6) CASING INSTALLED: Threaded ☐ Welded ☒
6 " Diam. from 0 ft. to 80 ft. Gage 3/16
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS: Perforated? ☐ Yes ☐ No
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS: Well screen installed ☐ Yes ☒ No
Manufacturer's Name
Type Model No.
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Was well gravel packed? ☐ Yes ☐ No Size of gravel:
Gravel placed from ft. to ft.
Was a surface seal provided? ☐ Yes ☐ No To what depth? ft.
Material used in seal—
Did any strata contain unusable water? ☐ Yes ☐ No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:
Static level 135 ft. below land surface Date 1-17-62
Artesian pressure lbs. per square inch Date

Log Accepted by:
[Signed] E.J. Scoggs (Owner) Date 1/22, 19 62

(11) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☒ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "
Bailer test 4 gal./min. with 50 ft. drawdown after 30Min
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG: Diameter of well 6 inches.
Depth drilled 175 ft. Depth of completed well 175 ft.
Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Brown Clay & boulders	0	40
Blue Rock	40	135
Brown Clay	135	143
Blue Rock	143	175

Work started 1-11-62 19 . Completed 1-22-62 19

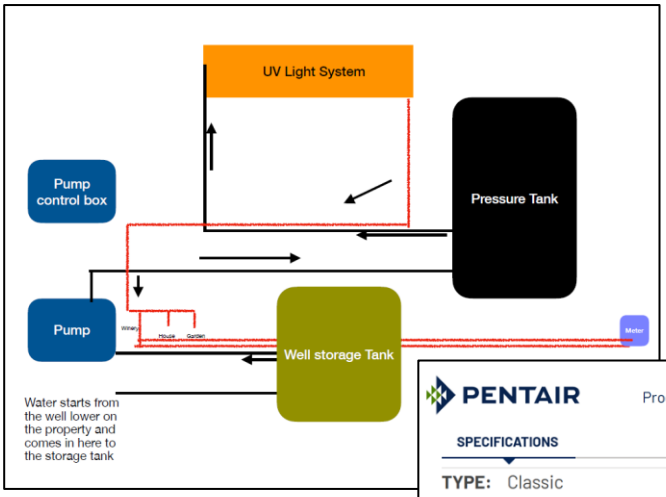
(13) PUMP:
Manufacturer's Name
Type: H.P.

Well Driller's Statement:
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
Driller's well number
[Signed] Art Clinton (Well Driller)
License No. Date 19

(USE ADDITIONAL SHEETS IF NECESSARY)

3,000-gallon buried rectangular concrete cistern, pressure tank, and UV unit:



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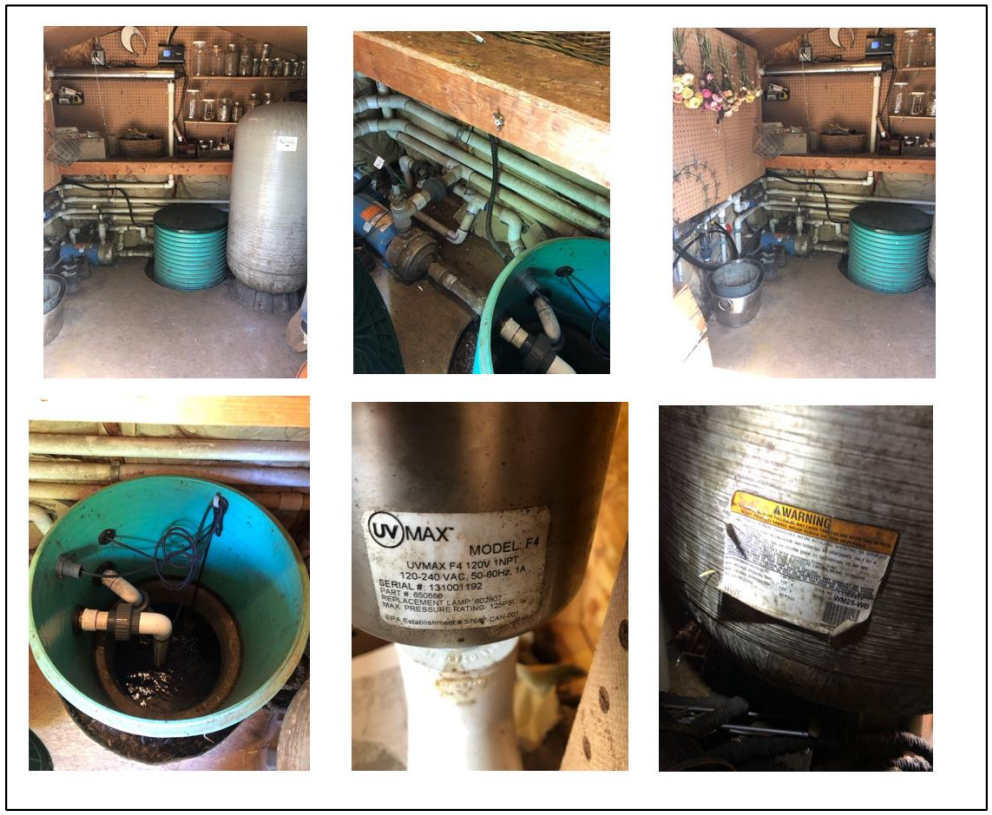
SPECIFICATIONS

TYPE: Classic

ITEM #	CAPACITY	MAXIMUM OPERATING PRESSURE	DRAWDOWN IN	DIAMETER INCH CM	OVERALL HEIGHT INCH CM	HEIGHT INLET OUTLET TO FLOOR	CONNECTIONS	ASSEMBLY WEIGHT	PALLET QUANTITY
WM-25WB WM0330 C	86.7 / 328	125 / 862 / 8.6	26.8 / 101.5	24 / 61	55 1/4 / 140	2 1/4 / 5.7	1 1/4" male NPT	72.75 / 33.0	4



Trojan/Viqua Model UVMax F4 UV unit:

Purpose:

As an NSF-55 Class B unit, this unit is approved for use as secondary treatment only. The UV unit is not approved for coliform, E. coli, or viral disinfection.

Make/Model: Trojan/Viqua Model UVMax F4

- ***UV Unit Part #650686***
- ***Replacement Lamp #602807***

MODEL	F4/F4+ (650686; 650720; 650687; 650721)
FLOW RATES	
US Public Health (16 mJ/cm²)	45 GPM (170 lpm) (10.2 m³/hr)
VIQUA Standard (30 mJ/cm²)	36 GPM (136 lpm) (8.2 m³/hr)
NSF/EPA (40 mJ/cm²)	27 GPM (102 lpm) (6.1 m³/hr)
DIMENSIONS	
Dimensions	44.25" x 4" (112.5 cm x 10 cm)
Inlet/Outlet Port Size	1" NPT
Shipping Weight	18 lbs (8.2 kg)
ELECTRICAL	
Voltage	100-240V / 50-60 Hz
Power Consumption	130 W
Maximum Operating Pressure	125 psi (8.62 bar)
Ambient Water Temperature	2-40°C (36-104°F)
FEATURES	
Visual "Power On"	YES
Chamber Material	304 SS
Visual Lamp Life Remaining	YES
Audible Lamp Failure	YES
Audible Lamp Replacement Reminder	YES
Solenoid Valve	F4+
UV Sensor	E4+

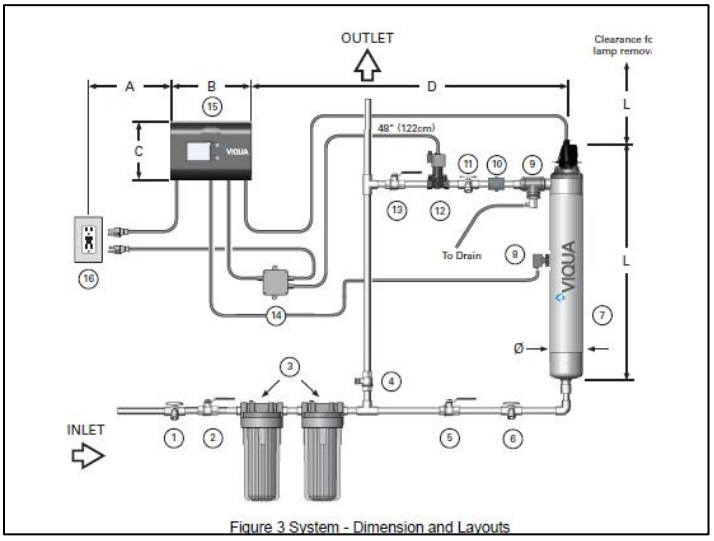


Figure 3 System - Dimension and Layouts