Public Health Division
Center for Health Protection, Drinking Water Services
Tina Kotek, Governor

December 18, 2025

Mary Olson
airlie@airliewinery.com
Airlie Winery
15305 Dunn Forest Rd
Monmouth, OR 97361

Letter sent via email only.

Re: Well #1 (L159979, POLK4137) & 62-GAL Pressure Tank (PR#149-2025)
Airlie Winery (PWS ID# 95771)
Conditional Approval

Dear Ms. Olson,

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the water system (described below) for Airlie Winery, which is licensed and regulated by the Oregon Dept. of Agriculture. On December 5, 2025 our office received a plan review fee of $825 to accompany previoulsy submitted plans and photos of the new transient non-community water winery/tasting room in Polk County.

The well is connected to an existing tasting room, winery, and private residence located at 15305 Dunn Forest Rd. Monmouth, OR 97361. The system is classified as a transient non-community system based on the system serving 1 connection year-round, with an average daily population of 45 users, four of which are employees.

The project includes a review of pre-existing facilities consisting of:

- One well tagged L159979 with associated well log POLK4137, which was constructed 6/8/1984 and designated as "SRC-AA Well #1",
- One NSF-61 certified 62-gallon Challenger Model #PC211 pressure tank

The well has an above-ground casing and is located within a shed, which also houses the 62-gallon pressure tank. A raw water sample tap is located at the wellhead. There are no other storage tanks, treatment or wells on the system.

Due to the well's inadequate construction (see following page for more details) and proximity to a surface water body, **monthly coliform sampling from the well should begin starting in January 2026 and continue for 12 consecutive months**. Should results confirm the presence of E. coli bacteria, a boil water notice will be needed and the well may need to be disconnected until brought up to current construction standards or formally abandoned.

Water rights information – Exempt Use (water rights not required):

It is anticipated that the proposed use does not require water rights. If water rights are needed, documentation (e-mail correspondence, letter, etc.) showing what water rights are needed should be submitted. Joel Plahn, Water Master with Oregon Water Resources Department (WRD), has been cc'd on this letter and is aware of the new well. If you have further questions regarding water rights, 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 November 21, 2025. **Note that by utilizing this exemption, the water system takes full responsibility for the design of the project.**

Geologist Well Evaluation (POLK4137) – inadequate construction:

Based upon the well log (POLK4137), Well #1 (SRC-AA, L159979) was determined by our geologist, Tom Pattee, to be inadequately constructed due to an inadequate seal into the confining layer overlaying the water-bearing formation. His specific findings are enclosed at the end of this letter.

Hofeld Evan E

From: LAIRD Tommy K * WRD <Tommy.K.LAIRD@water.oregon.gov>
Sent: Tuesday, December 16, 2025 7:56 AM
To: Mary Olson
Cc: Hofeld Evan E; PATTEE Tom; KELLY Travis N * WRD
Subject: RE: Airlie winery (PWS ID 95771) and personal residence well - POLK4137-L159979

Mary,

Unfortunately, POLK 4137 does not meet minimum construction standards. The well does not meet OAR 690-210-0150 due to it not being sealed at least 5 feet into solid, unfractured, consolidated rock overlying the water-bearing formation. POLK 4137 will need to be recased and resealed to a minimum depth of 40 feet.

Regards,

Tommy Laird
Well Construction Program Coordinator
Oregon Water Resources Department
725 Summer Street NE, Suite A Salem, OR 97301
Cell 503-302-8618

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This finding was also affirmed by Tommy Laird with the Oregon Water Resources Dept. (OWRD). Please continue to work with Mr. Laird to resolve this issue.

Until such time as the well is brought up to OWRD standards, the well cannot be approved to serve as a source for this public water system.

62-gallon pressure tank – approved for use:

The One NSF-61 certified 62-gallon Challenger Model #PC211 pressure tank was found to be certified to ANSI/NSF Standard 61 (NSF-61) for potable use and is approved without further conditions.

Conditions needing to be met prior to Final Approval

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 submit existing land use approval documentation or have the local planning authority (e.g., Polk 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 well is reconstructed in conformance with OAR chapter 690, division 210 "Water Supply Well Construction Standards.**
3. ☐ **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.
4. ☐ 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**;

5. ☐ **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.

6. ☐ **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.

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)**;

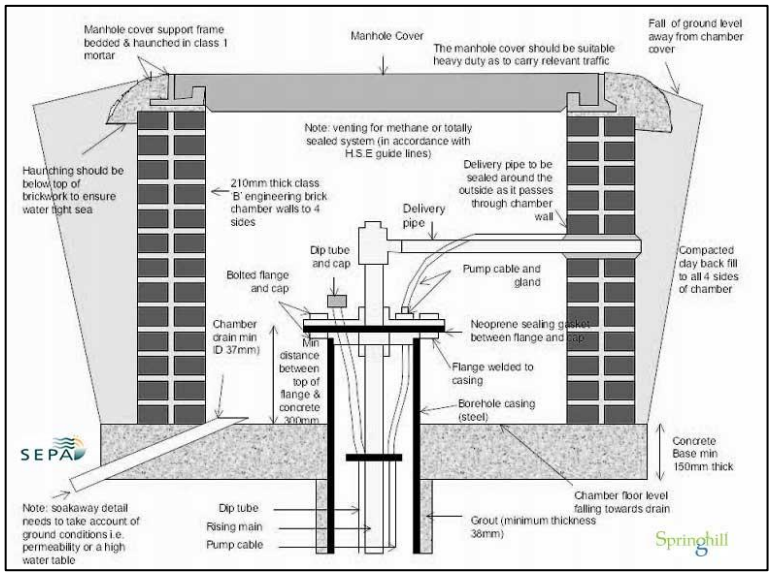
c) ☐ Piping arrangements shall include **provisions for pumping the total flow from the well to waste**;

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). Atlhough the existing well house looked adequate, I have provided some **examples below**:



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

9. ☐ 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 #149-2025 and public water system (PWS) ID #95771).

Supplemental documentation may include one or more of the following:

- ✓ Laboratory test results for arsenic, nitrate, and coliform bacteria from the raw well water post-reconstruction.

- ✓ Photos of the
  - Wellhouse/cover,
  - Raw water sample tap,
  - pump-to-waste piping (used to pump the output of the well to waste for flushing following disinfection or well output testing),
  - Distance from concrete slab to top of well casing (must be 12” minimum)

- ✓ A description of how the reconstructed well was 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.

  Well Owner’s Handbook:

  https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/SOURCEWATER/DOMESTICWELLSAFETY/Documents/OHA%208316%20Well%20Water%20Handbook%20Final.pdf

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,
- ✓ 62-gallon pressure tank information, and

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: Sarah Schwab, Oregon Dept of Agriculture (ODA) – Drinkingwater@oda.oregon.gov
Brian Hawkins, Oregon Dept. of Agriculture - Brian.HAWKINS@oda.oregon.gov
Christina Tisdell, Polk County Community Development – tisdell.christina@co.polk.or.us
Tommy Laird, Oregon Water Resources Dept.– Tommy.k.laird@water.oregon.gov
Joel Plahn, Oregon Water Resources Dept. - Joel.M.PLAHN@water.oregon.gov
Tom Pattee, Oregon Health Authority – DWS - Tom.PATTEE@oha.oregon.gov

Description of facilites reviewed under Plan Review #149-2025

General water system description:

The well is connected to an existing tasting room, winery, and private residence located at 15305 Dunn Forest Rd. Monmouth, OR 97361.

The system is classified as a transient non-community system based on the system serving 1 connection year-round, with an average daily population of 45 users, four of which are employees.

The project includes a review of pre-existing facilities consisting of:

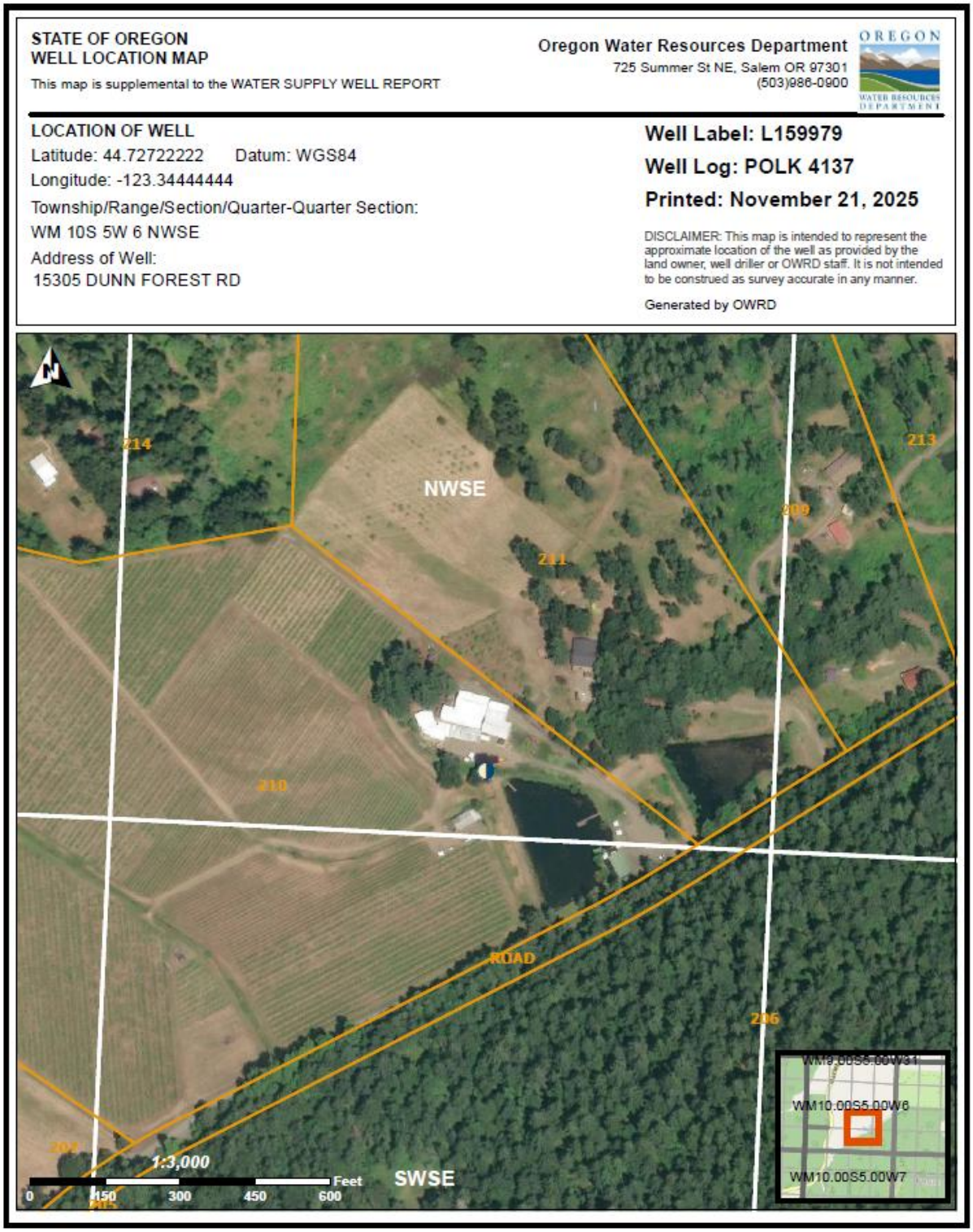
- One well tagged L159979 with associated well log POLK4137, which was constructed 6/8/1984 and designated as "SRC-AA Well #1",
- One NSF-61 certified 62-gallon Challenger Model #PC211 pressure tank

The well has an above-ground casing and is located within a shed, which also houses the 62-gallon pressure tank. A raw water sample tap is located at the wellhead. There are no other storage tanks, treatment or wells on the system.

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 #149-2025 and can be tracked online at: https://yourwater.oregon.gov/planreview.php?pwsno=95771. As a new transient non-community water system, this system has been assigned Public Water System (PWS) ID# 95771 as viewable online at: https://yourwater.oregon.gov/inventory.php?pwsno=95771.

Map showing location of the well:



Well #1 Evaluation Results Received from OHA Geologist Tom Pattee on 12/4/25:

SRC-AA – Well #1 (L159979, POLK4137):

Evaluation Results From Regional Hydrogeologist:

Proposed Well Construction Recommendations:

Estimated depth to water–bearing zone: _____
Estimated aquifer nature: ☐ Confined ☐ Unconfined
Estimated depth of casing seal: _____
Comments: _____

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: 40 ft
☐ 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 120 ft and water was reported to have been first encountered at a depth of 115 ft which corresponds with consolidated basalt. The well is cased to a depth of 39 ft and the casing is sealed to a depth of 30 ft. The casing seal ends 12 ft into what is described on the water well report as 17 ft of broken brown rock which rests on top of consolidated basalt. Therefore, the casing seal depth does not appear to meet current Water Resource Department construction standards for sealing water supply wells into consolidated formation with a continuous seal (OAR 690-210-0150) where the casing and casing seal are to extend at least 5 ft into solid, unfractured consolidated rock overlying the water-bearing rock formation. Based on current construction standards, the casing and casing seal should extend to a minimum depth of 40 ft. Water can enter the well bore through the uncased portion of the well. Sensitivity Analysis results suggest that well construction is highly sensitive to nearby land use practices.

Nature of Aquifer Evaluation:

Aquifer Nature: ☒ Confined aquifer ☐ Semi-confined aquifer ☐ Unconfined aquifer
Comments: This well draws water from a deep confined layered basalt aquifer. The water-bearing zone is reported to occur at 115 ft below ground level and is directly overlain by 80 ft of low permeability basalt that acts as a confining layer. Water in the aquifer is under pressure, rising 79 ft above the reported water-bearing zone to a depth of 36 ft below ground level. Sensitivity Analysis results suggest that the aquifer has a low sensitivity to nearby land use practices.

GWUDI Review Results:

☒ New system/source **or** surface water is inside sanitary setback, initiate **monthly source assessment monitoring when source goes into production or as soon as possible.**
- ☒ Fractured bedrock, < 500 ft to surface water
- ☐ Coarse sand, gravel, and boulders, < 200 ft to surface water
- ☐ Sand and gravel, < 100 ft to surface water
- ☐ Sand, < 75 ft to surface water

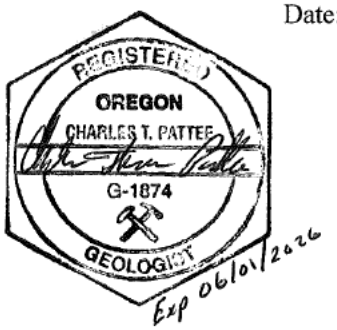
☐ Pre-existing source, initiate **monthly source assessment monitoring as part of annually generated monthly assessment monitoring list.**
- ☐ Fractured bedrock, < 500 ft to surface water
- ☐ Coarse sand, gravel, and boulders, < 200 ft to surface water
- ☐ Sand and gravel, < 100 ft to surface water
- ☐ Sand, < 75 ft to surface water

☐ Source may be sensitive to GWUDI but approved for use. Source must be included as one of repeat coliform sampling sites, consider for GWUDI if *E. coli* ever confirmed in the source.

☐ Do not need to consider for GWUDI.

Comments: Well construction is considered to be highly sensitive to nearby land use practices due to the casing seal terminating before reaching the consolidated formation overlying the water-bearing rock formation. The potential exists for water from the nearby pond to seep into the ground and then into the broken rock layer identified in the water well report as occurring between 18 and 35 ft below ground. Once in the broken rock layer, infiltrating water may come in contact with the annular space around the outside edge of the unsealed casing below a depth of 30 ft and then travel downward into the well bore. The highly sensitive well construction combined with the presence of surface water within 500 ft of the wellhead suggests that the well is susceptible to groundwater under the direct influence of surface water. If this well is used for public water supply, it should undergo monthly source assessment monitoring when placed into service.

Reviewed by: Tom Pattee, R. G. Date: 12/04/2025



Oregon Water Resources Dept. (OWRD) Correspondence:

Hofeld Evan E

From: LAIRD Tommy K * WRD <Tommy.K.LAIRD@water.oregon.gov>
Sent: Tuesday, December 16, 2025 7:56 AM
To: Mary Olson
Cc: Hofeld Evan E; PATTEE Tom; KELLY Travis N * WRD
Subject: RE: Airlie winery (PWS ID 95771) and personal residence well - POLK4137-L159979

Mary,

Unfortunately, POLK 4137 does not meet minimum construction standards. The well does not meet OAR 690-210-0150 due to it not being sealed at least 5 feet into solid, unfractured, consolidated rock overlying the water-bearing formation. POLK 4137 will need to be recased and resealed to a minimum depth of 40 feet.

Regards,

Tommy Laird
Well Construction Program Coordinator
Oregon Water Resources Department
725 Summer Street NE, Suite A Salem, OR 97301
Cell 503-302-8618

OREGON WATER RESOURCES DEPARTMENT

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Hofeld Evan E

From: PLAHN Joel M * WRD <Joel.M.PLAHN@water.oregon.gov>
Sent: Monday, December 8, 2025 6:41 AM
To: Hofeld Evan E; Mary Olson
Subject: RE: Airlie winery and personal residence well

Hello,

Some uses of groundwater are exempt from requiring a water right permit. These uses included single or group domestic purposes not exceeding 15,000 gallons per day and single industrial or commercial purposes not exceeding 5,000 gallons per day. ORS 537.545 oregonlegislature.gov/bills_laws/ors/ors537.html

Thanks, Joel Plahn
District 22 Watermaster
Cell 503-508-2394

OREGON WATER RESOURCES DEPARTMENT

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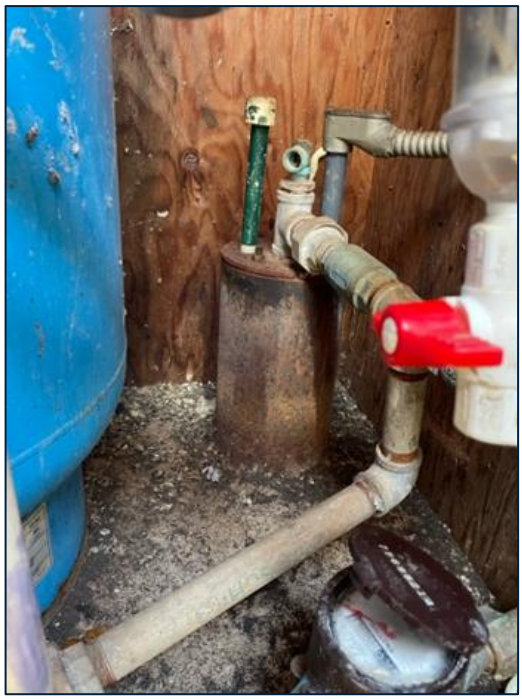
SRC-AA 1994 Well #1 (POLK4137, L159979) – Unapproved due to inadequate seal
Constructed: 6/8/1984
Location: 15305 Dunn Forest Rd. Monmouth, OR 97361
GoogleMaps:
https://maps.app.goo.gl/xemE7s2EQHNSvRP59
Link to WRD Mapping Tool:
https://apps.wrd.state.or.us/apps/gw/well_log/wl_details.aspx?wl_id=243869

50-, 100-, and 500-ft radii around well:



Well House

Driller's Report (Well Log)

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)

RECEIVED
JUL 3 1984
WATER RESOURCES DEPT
SALEM, OREGON

Polk 4137 10s/5W-6

(for official use only)

(1) OWNER:
Name Larry Preedy
Address Rt 1, Box 9J
City Philomath State Or.

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

(3) TYPE OF WELL: Rotary Air ☒ Driven ☐ Rotary Mud ☐ Dug ☐ Cable ☐ Bored ☐

(4) PROPOSED USE (check): Domestic ☒ Industrial ☐ Municipal ☐ Irrigation ☐ Thermal: Withdrawal ☐ Reinjection ☐ Other: Piezometric ☐ Grounding ☐ Test ☐

(5) CASING INSTALLED: Steel Threaded ☒ Welded ☐ Plastic Threaded ☐ Welded ☒
6 " Diam. from +1 ft. to 39 ft. Gauge .250
" Diam. from ft. to ft. Gauge

LINER INSTALLED: Steel Threaded ☐ Welded ☐ Plastic Threaded ☐ Welded ☐
" Diam. from ft. to ft. Gauge

(6) PERFORATIONS: Perforated? ☐ Yes ☒ No
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? ☐ Yes ☒ 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? ☐ Yes ☒ No If yes, by whom?
gal./min. with ft. drawdown after hrs.
Air test 15 gal./min. with drill stem at 115 ft. 2 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water 52 Depth artesian flow encountered ft.

(9) CONSTRUCTION: Special standards: Yes ☐ No ☒
Well seal—Material used Cement
Well sealed from land surface to 30 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 6 in.
Amount of sealing material 8 sacks ☒ pounds ☐
How was cement grout placed? pressure
Was pump installed? Type HP Depth ft.
Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.
Did any strata contain unusable water? ☐ Yes ☒ No
Type of Water? depth of strata
Method of sealing strata off
Was well gravel packed? ☐ Yes ☒ No Size of gravel:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:
County Polk ¼ ¼ of Section 6 of
Township 10s (Township is North or South), Range 5W (Range is East or West), WM.
Tax Lot Lot Block Subdivision
MAILING ADDRESS OF WELL (or nearest address)

(11) WATER LEVEL of COMPLETED WELL:
Depth at which water was first found 115 ft.
Static level 36 ft. below land surface. Date 6/8/84
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 6"
Depth drilled 120 ft. Depth of completed well 120 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
brown clay	0	4	
brown clay & grit	4	10	
brown sandstone	10	18	
broken brown rock	18	35	
gray basalt	35	95	
blk basalt 15gpm	95	120	

Date work started 6/7/84 /completed 6/8/84
Date well drilling machine moved off of well 6/8/84

(unbonded) Water Well Constructor Certification (if applicable):
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Ronald S Witham Date 7/2/, 19 84

(bonded) Water Well Constructor Certification:
Bond 503 (number) Issued by: Lystra Ins. Co. (Surety Company Name)
On behalf of Raymond C.Gellatly &Ronald Witham (type or print name of Water Well Constructor)
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:
(Signed) Ronald S Witham (Water Well Constructor)
(Dated) 7/2/84

NOTICE TO WATER WELL CONSTRUCTOR
The original and first copy of this report are to be filed with the WATER RESOURCES DEPARTMENT, SALEM, OREGON 97310 within 30 days from the date of well completion.

SP*46866-690

OREGON WATER RESOURCES DEPARTMENT

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

Application for
Well ID Number

RECEIVED
NOV 18 2025
OWRD

Do not complete if the well already has a Well Identificotion Number.

I. OWNER INFORMATION

Current Owner Name *(please print)*: Mary Olson
Mailing Address: 15305 Dunn Forest Rd.
City, State, Zip: Monmouth, OR, 97361
Mail Well ID to: ☒ SAME AS ABOVE ☐ In Care Of (C/O)
Name & Address:
City, State, Zip:

II. WELL LOCATION INFORMATION *(Please fill out as completely as possible)*

Township: 10 S (North / South) Range: 5 W (East / West) Section: 6 NW 1/4 of the SE 1/4
Tax Lot (usually last 3-5 numbers of Tax Map #): 210 County Polk
GPS Coordinates: 44 N 43' 38", -123 W 20' 40"
Street Address of Well, City: 15305 Dunn Forest Rd, Monmouth
If the property had a different street address in the past:

III. GENERAL WELL INFORMATION *(Please fill out as completely as possible, AND attach copy of Well Report, if available)*

Use of Well (domestic, irrigation, commercial, industrial, monitoring): Commercial (Airlie Winery)
Date Well Constructed (or property built): 1984 Total Well Depth: 120 ft Casing Diameter: 6 inch
Owner at time the well was constructed (if known): Larry Preedy Well Report # (if known): POLK 4137
Other Information:

SUBMITTED BY *(please print)*: Wyatt Faulkner
PHONE: 971-375-8976 **EMAIL &/or FAX:** wyatt.faulkner@oda.oregon.gov

To send the completed application, you may MAIL it to: Oregon Water Resources Dept. 725 Summer St NE, Suite A, Salem, Oregon 97301.
Or EMAIL the completed PDF form to: Ladeena.K.Ashley@water.oregon.gov, or FAX it to: (503) 986-0902.

For Official Use Only by the Oregon Water Resources Department:

Received Date:	Well Report Number:	Well Identification #:
11-18-2025	POLK 4137	L-159979

Last Update: 2-1-22 Well I.D. Number/2 WCC

Testing Results

WATERLAB CORP.

Waterlab Corp.
2603 - 12th Street, SE
Voice: (503) 363-0473
FAX: (503) 363-8900

TEST REPORT

TO: Airlie Winery
15305 Dunn Forest Rd
Monmouth, OR 97361

01/04/2022

AIRWIN

PO#:

Collection Information
Date: 12/09/2021
Time: 1140
By: Mary
Lab #: 20211209-019
Location: 15305 Dunn Forest Rd Monmouth well winery tap

Lab Receipt Information
12/09/2021
1315
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.

WATERLAB Corp certifies that this report is in compliance with the requirements of NELAC. 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
Healthy Water Pkg 4A well/spring									
pH	EPA 150.1	A	8.79	H		pH units	6.5 - 8.5	12/09/2021 1438	as
Specific Conductance	SM2510B	A	347.		1.	umhos/cm		12/15/2021	sw
Arsenic	SM3113B	A	ND		0.002	mg/l	0.010	12/10/2021	bem
Chloride	EPA300.0	A	5.47		0.3	mg/l	250	12/10/2021	bem
Copper	SM3111 B	A	ND		0.1	mg/l	1.0	12/14/2021	as
Fluoride	EPA300.0	A	0.385		0.2	mg/l	4.0	12/10/2021	bem
Hardness as CaCO3	SM2340C	A	ND		10.	mg/l CaCO3	250	12/20/2021	as

TO: Airlie Winery
15305 Dunn Forest Rd
Monmouth, OR 97361

10/17/2025

AIRWIN

PO#:

Collection Information
Date: 10/14/2025
Time: 0945
By: M Olson
Lab #: 20251014-023
Location: 15305 Dunn Forest Rd RO tap, wintery tap

Lab Receipt Information
10/14/2025
1047
SM

Case Narrative

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Analyte	Method	Acc*	Results	Qual	MRL	Units	EPA Limit	Analysis Date Time	Tech
Nitrogen, Nitrate	EPA300.0	A	ND		0.2	mg NO3-N/l	10.	10/15/2025 1231	as

WATERLAB CORP.

ORELAP ID# OR100039

2603 - 12th Street, SE
Salem, OR 97302
Voice: (503) 363-0473
FAX: (503) 363-8900

TEST REPORT

Mary Olson
2290 Commercial St., S. E.
Salem, OR 97302

SAMPLE INFORMATION
Location: 15305 Dunn Forest Rd Monmouth Well Winery Sink
Date Sampled: 9/15/2025 Sample Type: Water
Time Sampled: 1500 Collected by: EB Clark

CASE NARRATIVE

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TESTING INFORMATION
Lab #: 20250915-065

Date Received:	9/15/2025	Time Received:	1605	Received by:	SM
Date Started:	9/15/2025	Time Started:	1650	Tech:	SM
Date Read:	9/16/2025	Time Read:	1357	Tech:	SM
Date Reported:	9/17/2025			Reported By:	SM
*Chlorine Residual.	N/A				

Amount of Sample Used: 100 mls
Method Code: SM 20th ED 9223B P/A Colilert 18 ®

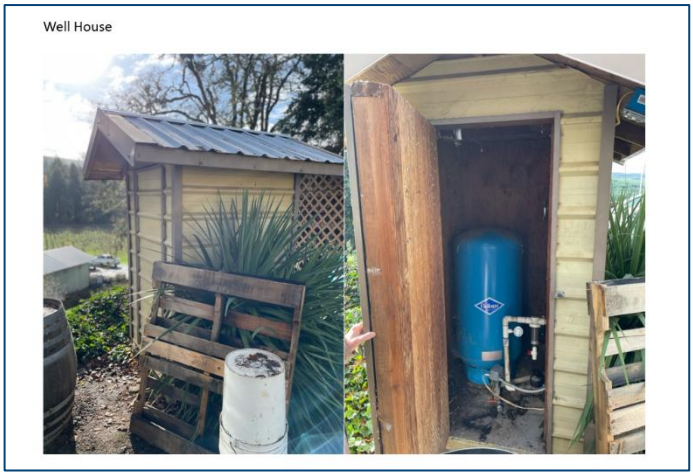
TOTAL COLIFORM BACTERIA RESULTS

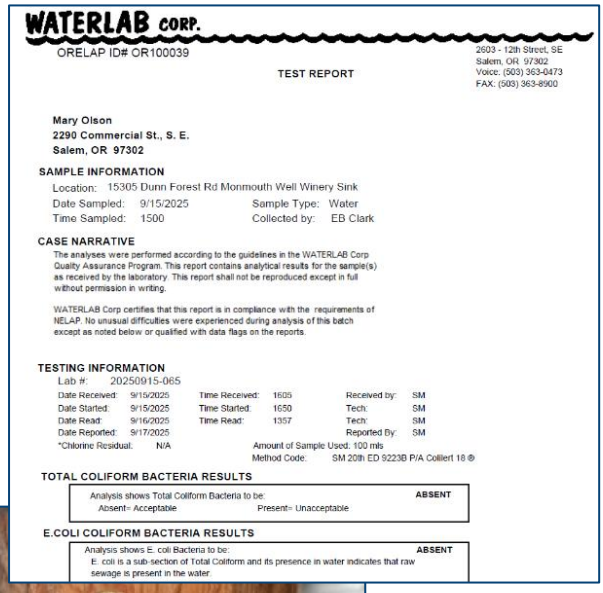
Analysis shows Total Coliform Bacteria to be: **ABSENT**
Absent= Acceptable Present= Unacceptable

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.

62-gallon pressure tank:





WATERLAB CORP.
ORELAP ID# OR100039

2603 - 12th Street, SE
Salem, OR 97302
Voice: (503) 363-0473
FAX: (503) 363-8900

TEST REPORT

Mary Olson
2290 Commercial St., S. E.
Salem, OR 97302

SAMPLE INFORMATION
Location: 15305 Dunn Forest Rd Monmouth Well Winery Sink
Date Sampled: 9/15/2025 Sample Type: Water
Time Sampled: 1500 Collected by: EB Clark

CASE NARRATIVE
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Date Started:	9/15/2025	Time Started:	1650	Tech:	SM
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Date Reported:	9/17/2025			Reported By:	SM

*Chlorine Residual: N/A
Amount of Sample Used: 100 mls
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