



PUBLIC HEALTH DIVISION
Center for Health Protection, Drinking Water Services

Tina Kotek, Governor

Oregon
Health
Authority

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February 15, 2023

Reggie Boltz
Augustino Estates
PO Box 420
O'Brien, OR 97354

Re: Well/Water System (PR#126-2022)
Augustino Estate (PWS ID#95652)
Conditional Approval

Dear Reggie Boltz:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the well and water system for Augustino Estates. DWS received a well log, drawings and a plan review fee of \$825.

This plan review is the review of the existing groundwater well and water system at the Augustino Estates Winery. The Augustino Estates Winery is located northwest of the unincorporated community of Applegate, Oregon.

The project shall adhere to all applicable DWS Oregon Administrative Rules (OAR). The submitted plan review material has been reviewed and the following items were noted as specific conditions of final approval:

General-

- Per OAR 333-061-0050(1)(e), only materials designed for potable water service and meeting NSF Standard 61: Drinking Water System Components - Health Effects or equivalent shall be used in those elements of the water system which are in contact with potable water.

Well-

- Per OAR 333-061-0050(2)(a), the well construction shall meet the applicable portions of subsection (A) through (N).

- Per OAR 333061-0050(2)(a)(G), coordinate with the Oregon Water Resource Department's Well Verification Program to confirm the groundwater well is use is one and the same as presumed well log number JACK 17695. Coordinate with this verification program to have well log identification band installed on the well casing.

Finished water storage-

- Per OAR 333-061-0050(6), the water system's finished water storage shall meet applicable portions of subsection (b) of this rule.

Distribution systems-

- Per OAR 333-061-0050(8), the water system's distribution shall meet applicable portions of subsection (a) through (l) of this rule.

Capacity Requirements for Public Water Systems-

- Per OAR 333-061-0061, the water system shall have the technical, managerial, and financial capability plan for, achieve, and maintain compliance with applicable sections of subsection (1) through (4) of the rule.

Cross Connection Control Requirements-

- Per OAR 333-061-0070, necessary cross connection control measures to protect the public water systems from pollution and contamination shall be installed per the applicable subsections of (1) through (18) of this rule.

A DWS Hydrogeologist has reviewed the public water system's information and provided the following comments specific to the presumed groundwater well in use.

"The well (Jack 17695) was drilled to a depth of 284 feet in April 1979. A 10-inch borehole extends to a depth of 21 feet. A 6-inch casing was placed to a depth of 21 feet and sealed with what is reported as cement grout (8 sacks used and ~5.63 sacks required) which was pressure grouted. The well is considered to act as an open hole below the casing (21 feet depth). The well construction is considered to meet minimum standards in terms of the casing depth, casing seal depth, sealant volume, and annular spacing."

"Note: The well is located within 100 feet of an agricultural field/vineyard; as per OAR 333-061-0050 2aE fertilizer and pesticide storage or application are not permitted within 100 feet of the wellhead. Vehicle parking also appears to be in proximity to the wellhead."

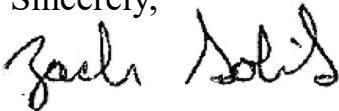
"The well is located in what is surficially mapped as Quaternary alluvium. At depth the well appears to produce from what are likely fractures within Triassic/Jurassic age metamorphosed volcanoclastic rocks of the Broken Formation (JTvs). Closely

neighboring well logs indicate more distinctly reported narrow watering zones.”

Until we receive verification that the conditions have been met and final approval has been issued, the well/water system is not approved for use. Documentation demonstrating how the above conditions were met should reference Plan Review #126-2022 and can be emailed to me at zachariah.cunningham-golik@dhsosha.state.or.us.

If you have any questions, please feel free to call me at 541-231-9077.

Sincerely,

A handwritten signature in black ink, appearing to read "Zach Golik".

Zach Golik, PE
Regional Engineer
Drinking Water Services

CC: Julie Wray, DWS Portland
Shane Kinney, Oregon Department of Agriculture