



October 7, 2022

Mark Cleaner
Callahan's Restaurant
7100 Old HWY 99S,
Ashland, OR 97520

Re: Groundwater under the influence of surface water determination compliance and interim operation plan follow-up letter – Callahan's Restaurant, PWS 91551

Dear Mark Cleaner:

The Callahan's Restaurant water sources have been field visited and reviewed by the Oregon Health Authority Drinking Water Services (DWS), the Jackson County Public Health Department and DWS Circuit Rider program. Through these site visits, the water sources have been determined to be Groundwater Under the Direct Influence of surface water (GWUDI). The water system will have to determine a compliance path and follow interim operational standards associated with GWUDI water sources. Please reference the interim operational plan and compliance requirements cited in this letter. Once Callahan's Restaurant has selected one of the options listed on page 2, the necessary water system modifications must be operational per the listed timelines in order to achieve compliance.

Interim Operation Plan

Water systems using sources determined as GWUDI have 18 months to meet the requirements of the Surface Water Treatment Rule (SWTR) and must also meet the following interim surface water standards (see OAR 333-061-0032 (1)(c)):

1. The turbidity of water entering the distribution system must never exceed 5 NTU. Turbidity measurements must be taken a minimum of once per day. If continuous turbidimeters are in place, measurements should be taken and recorded every four hours from water that is produced from the source(s).
2. Disinfection must be sufficient to reliably achieve at least 1.0 log inactivation of *Giardia lamblia* cysts prior to the first user. Disinfection "CT" values must be calculated and recorded daily, which requires pH, temperature, and disinfection

residual measurements at the entry point or first customer. I have included the link to the monthly operating form:

<http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-alt-unfiltered.xls>

Reports must be submitted to DWS monthly as prescribed in OAR 333-061-0040. Email reports to dwp.dmce@state.or.us, which will result in a confirmation email from DWS that the message was received. This confirmation email is evidence of when reports are submitted.

If the interim standards (turbidity and CT monitoring and reporting) are not met, the owner or operator of the water system must notify customers of the failure as required in OAR 333-061-0042(2)(b)(A).

Callahan's Restaurant will have a set time from the date of this letter to meet the requirements stated in OAR 333-061-0032 (1) to (3). If the requirements are not met, your water system may be subject to additional formal enforcement.

For Callahan's Restaurant to achieve compliance, a corrective action plan must be submitted by the water system within 30 calendar days of this letter selecting one of the following options:

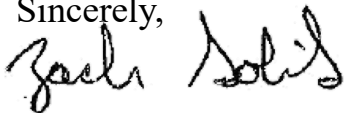
- Provide approved surface water treatment as required by OAR 333-61-0032(4) &(5) within 18 months of the corrective action plan due date.
- Reconstruct all existing water sources and associated collection system infrastructure desired to be an active water sources per OAR 333-061-0050(2) such that all surface water intrusion is prevented from entering the water sources. Reconstruction work shall be completed within 60 days of the correction plan due date.
- Demonstrate that the water produced from the active water sources can meet the criteria outlined in OAR 333-61-032 (2) and (3) within 30 days of the corrective action plan due date.
- Develop new water sources, such as a groundwater well and/or hauled water source and disconnect existing surface water influenced water sources within 60 days of the corrective action plan due date.

Prior to implementing one of the options, plans (see below link for plan review information) will need to be completed by a registered Professional Engineer and submitted to DWS for review.

<https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/PLANREVIEW/Pages/index.aspx>

If you have any questions regarding the GWUDI determination, compliance with the SWTR, or compliance with the interim operational measures, please feel free to contact me via email at ZACHARIAH.CUNNINGHAM-GOLIK@dhsoha.state.or.us.

Sincerely,

A handwritten signature in black ink that reads "Zach Golik". The signature is written in a cursive, slightly slanted style.

Zach Golik, PE
Regional Engineer
Drinking Water Services

CC: DWS Compliance, DWS Portland