

January 27, 2025

Brant Hathorn
Bandon Crossings GC Cypress
87530 Dew Valley Lane
Bandon, OR 97411

Re: **Ultraviolet Disinfection (PR# 2024-145)**
Bandon Crossings GC Cypress (PWS ID# 95588)
Conditional Approval

Dear Brant Hathorn:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Program (DWP) of plan review information for the UV disinfection system for Bandon Crossings GC Cypress. On October 18, 2024, our office received a schematic for UV treatment and water storage, and a plan review fee of \$248.

The existing water system elements subject to plan review are a Biolite UV system Model BIO12, and an 87-gallon pressure tank. The UV unit does not meet the specifications of NSF Standard 55 Class A and is therefore ineligible for disinfection credit. Because Bandon Crossings GC Cypress is a non-community system with no *E. coli* detections in the groundwater source, this unit is acceptable, according to Oregon Administrative Rules (OAR) 333-061-0050 (5)(k)(J).

The plans are approved with the following condition(s):

1. All pressure tanks shall be provided with a drain, a pressure gauge, an air blow-off valve, means for adding air and pressure switches for controlling the operation of the pump.
2. Source sampling requirement:
 - Monthly coliform bacteria samples must be taken from the wellhead's raw water sample tap for twelve consecutive months. Please note, that this is a raw water sample (prior to any treatment) and not a distribution system sample. This more frequent sampling is required under OAR 333-061-0036(6)k(C)(II) as your groundwater source has been determined to be susceptible to fecal contamination. For now, an NSF Standard 55 Class A UV

unit is not required at your water system. However, in the event of a confirmed E. coli in the well, additional corrective action including other additional treatment may be required.

Documentation demonstrating how the above conditions were met should reference Plan Review # 2024-145 and can be emailed to me at baxter.call@oha.oregon.gov.

If you have any questions or concerns, or would like this in an alternate format, please contact me at (541) 393-4374. Your cooperation is appreciated.

Sincerely,



Baxter Call, PE
Regional Engineer
OHA-Drinking Water Services

Ec:

Julie Wray, DWS Portland
Rick Hallmark & Peter Cooley, Coos Health & Wellness