

Tina Kotek, Governor

March 30, 2026

Vassa Nishimura – vnishimura@ups.com
United Parcel Service
4455 7th Ave S
Seattle, WA 98108

Sent by email only

Re: **Ultraviolet Disinfection (PR#2026-18)**
United Parcel Service (PWS ID#94874)
Conditional Approval

Dear Vassa Nishimura:

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 United Parcel Service. On January 20, 2026, our office received specifications, technical memorandum, and a plan review fee of \$248.00.

The project includes the installation of Viqua UV Lightwise PRO30 system. The UV unit has a maximum flow rate of 30 gpm and does meet the specifications of NSF Standard 55 Class A. Since United Parcel Service 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)(I).

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

1. One coliform bacteria sample must be taken from the well head's raw water sample tap every calendar year. Since the water system has already collected a raw water coliform sample for 2026, the result can be submitted in lieu of taking a sample. Please note that this is a raw water sample (prior to any treatment) and not a distribution system sample.
2. Please confirm there is a raw water sample tap (prior to the new UV unit). It was not clear on the plans that there is a raw water sample.

Documentation demonstrating how the above conditions were met should reference **Plan Review # 2026-18** and can be emailed to me at rebecca.a.templin@oha.oregon.gov.

In addition to the above requirements, I have the following comments:

- As noted above, the installation of the Viqua Lightwise Pro30 is acceptable for use at United Parcel Service. If the water system experiences *E. coli* detections at the groundwater source, then this unit may no longer be appropriate, as it is approved only for total coliform issues.
- Please note that UV disinfection does not provide residual disinfection in a distribution system. In the event that coliform bacteria continue to be detected in the distribution system at United Parcel Service, chlorination will be required to maintain an adequate residual in the distribution system.
- The manufacturer notes that lamp replacement should take place every 2 years. The water system's operation and maintenance manual should be updated to include this maintenance schedule.

If you have any questions or concerns, or would like this in an alternate format, please contact me at (541) 650-4868. Your cooperation is appreciated.

Sincerely,



Rebecca Templin, PE
Regional Engineer
OHA-Drinking Water Services
rebecca.a.templin@oha.oregon.gov

CC: Nick Alviani, OHA DWS - Nicholas.J.Alviani2@oha.oregon.gov
Linn County Environmental Health - LinnEH@linncountyhealth.org
Michael Messina, Terraphase Engineering Inc. – Michael.messina@terraphase.com
Craig Heimbucher, PE, Terraphase Engineering Inc. – craig.heimbucher@terraphase.com