

Electronic Submittal
(via Department of Ecology WQWebPortal)

To: Steven Bucy (Department of Ecology)

From: Selene Convy (Pacific Stormwater)

Date: January 31, 2025

Subject: Compliance Update Report (ZYK Enterprises, State Waste Discharge Permit #ST0003974)

The following report is a compliance update for the wastewater treatment project at ZYK Enterprises' (ZYK's) facility in Duvall, Washington (Site or Facility). ZYK has made steps toward improving the wastewater treatment process at the Facility to achieve compliance with the State Waste Discharge Permit (Permit), as required by the Department of Ecology (Ecology).

ZYK and their engineering consultant, Pacific Stormwater, submitted an engineering report to Ecology on May 28, 2024 proposing a flocculant treatment system utilizing a centrifuge and an evaporator. However, after the engineering report was submitted, ZYK opted to review other treatment options and vendors due to budget concerns. The system described in the May 2024 engineering report is not being installed at the site at this time.

To reduce the amount of solids in wastewater, ZYK purchased a fiber filter from Vincent Corporation in Q3 of 2024 and installed it in Q4 of 2024. During installation and set-up of the filter, from October 2024 to the time of this report, ZYK has not discharged any wastewater to groundwater to comply with the Permit. All wastewater is currently collected from the underground detention tanks at the Site and hauled offsite to Qualco Energy, an anaerobic digester, for treatment. On December 18, 2024, Gretchen Onstad and Steven Buchy from Ecology conducted a site-walk with Waqar Qazi from ZYK and Selene Convy from Pacific Stormwater to inspect the new filter and observe wastewater compliance progress at the Site.



At the time of this report, the fiber filter is installed but not fully operational. ZYK plans to clean out all underground detention/settling tanks and the aboveground detention tank before putting the filter online. Once the filter is operational, Pacific Stormwater will collect samples to evaluate treatment effectiveness. If samples are in compliance with the Permit and the fiber filter is proven to be suitable for the Site, Pacific Stormwater will revise the engineering report and resubmit it to Ecology. Per Ecology's request, ZYK and Pacific Stormwater will share all analytical data collected during testing of the filter with Ecology.

Any further changes or updates to ZYK's wastewater treatment project will be communicated to Ecology. Please reach out to Pacific Stormwater at convy@pacificsws.com or 206-900-8420, ext. 08 with any questions regarding this report.