



May 29, 2025

Washington State Dept. of Ecology
Attn: Isaiah Murrell-Thomas, Permit Manager
Southwest Regional Office, PO Box 47775
Olympia, WA 98504-7775

RE: City of Port Angeles (COPA) submittal for permit condition S3. F.2 c, Five day written report for NPDES permit #WA0023973, ERTS #739145

This letter serves as the City's Wastewater Treatment Division five-day written report regarding the 5/29/25 WWTP effluent chlorine disinfection failure.

The following represents the approximate timeline for events:

TIME	DESCRIPTION
	28 May 2025
000	WWTP On-Call Operator receives a low chlorine residual alarm and responds to the plant to troubleshoot the issue. Initial process checks prove the chlorine pump is running, and the chlorine monitoring system and controls are functioning properly, yet the residual is maintaining at a lower level.
0100	Plant Lead Operator responds to help address the issue. Around this time the chlorine residual drops to zero. Decision is made to switch to the backup chlorine feed pump and change out the peristaltic pump tube on the primary pump.
0130	Chlorine residual is returning proving the primary pumps tube is the likely cause. Operators keep monitoring the situation to make sure the process is stable.
0300	Using SCADA information, determination is made that from 0100 to 0130 there was a complete loss of chlorine injection into the WWTP effluent. Calculations are made that ~29,000 gallons of non-disinfected effluent discharged via the main plant outfall. Spill investigation checklist is filled out and spill notifications are made generating ERTS# 739145.

Chlorine pump tube failure was unexpected based upon its age and frequency of inspection. If the pump tube is not leaking or worn, when initially assessing low chlorine issues, the problem is typically somewhere else in the system. Using a thorough process of elimination our operators were able to remedy the situation in a timely manner.

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Phone: 360-417-4800 / **Fax:** 360-417-4542


Website: www.cityofpa.us / **Email:** publicworks@cityofpa.us

321 East Fifth Street / Port Angeles, WA 98362-3206



If you have any questions, please feel free to give me a call at (360) 417-4690.

Sincerely,


Tyler White (May 29, 2025 13:39 PDT)

Tyler White
WWTP Superintendent,

ECC: Ginger Reddig, WA State DOE
Merita Trohimovich, WA State DOH Shellfish
Jennifer Garcelon, Clallam County Environmental Health
Scott Curtin, COPA Director of Public Works
Eric Wheatley, COPA Deputy Director of Public Works
File

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5 Day Spill Report_ERTS#739145

Final Audit Report

2025-05-29

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