

# Flowquip and Tsurumi Provide a Reliable Retrofit Solution for Truck Stop

*When a truck stop faced unexpected pump issues, Flowquip and Tsurumi stepped in to turn the situation around.*



*Tsurumi C Series Cutter Pump™: Reliable performance with solids-handling*

Recently, a customer reached out to Flowquip Solutions stating that they were having issues with pumps that were purchased from a different supplier that they were unable to contact. Flowquip's team quickly mobilized to assess the issue on-site. After reviewing the system and verifying performance data, they found that the originally supplied pumps were both misapplied and undersized for the actual operating conditions. The engineering design specifications contained discharge head miscalculations, preventing the pumps from generating enough pressure to move water through the system.

Using field verification, Flowquip used a laser to measure elevations and calculated the dynamic head of the piping network. Measurement changes, elbows, and valves were taken into consideration when evaluating the site as well. With accurate system data in hand, the team recommended a solution built around **Tsurumi Pump's C Series Cutter Pump™**.



*Retrofit success: Tsurumi C Series Cutter Pump™ installed in an existing wastewater chamber for seamless integration and solids-handling.*

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**By combining precise field verification with Tsurumi's proven cutter pump technology, we delivered a seamless retrofit that solved the problem without costly redesign.**



Pre-installation view of Tsurumi Cutter Pump™ for truck stop system upgrade.

The **Tsurumi C Series pump** offered the right performance without requiring upgrades to the control panel, an important consideration for the customer who had already invested in new electrical components. The pump also provided the benefits of shredding capability to handle solids more effectively. Tsurumi's flange adapters ensured a smooth installation that integrated seamlessly with the existing guide rail system.

All items were in stock, allowing the system to promptly run without major construction or costly redesign. Flowquip's application expertise in combination with Tsurumi's proven pump technology provided a practical solution for the truck stop.

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### ABOUT TSURUMI

Tsurumi (America), Inc., a division of Tsurumi Manufacturing, was founded in 1979. Headquartered in Glendale Heights, Illinois, Tsurumi (America), Inc. has bases in Quebec, Canada; El Paso, Texas; and Salt Lake City. Globally, Tsurumi is active in 45 countries and has been an innovator in the pump industry since 1924. Tsurumi (America) is a provider of leading pumping technology in construction, civil engineering, mining, industrial wastewater, municipal wastewater, sewage treatment, flood control and scenery creation fields. Tsurumi products are backed by independent, third-party verification. Beyond leading pump technology, Tsurumi (America) is recognized for its robust distribution network and one of the largest on-hand inventories in North America.

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