



2023

**BETTER
PROJECT**



BENDIX COMMERCIAL VEHICLE SYSTEMS: Wastewater Recovery System for Washing Operations

Bendix implemented a high vacuum distillation system that allows for the reuse of treated water in the plant's damper washing operations, achieving Zero Discharge status and reusing 500,000 gallons of wastewater annually.



The high vacuum distillation technology creates a vacuum that boils wastewater at a lower temperature, then cleans the steam generated and condenses the steam to create a high-quality distillate



Allows for 90% recovery of the wastewater introduced in the evaporator, and the other 10% is collected and disposed of as a concentrate



The all-electric heat pump vacuum evaporator avoids scope 1 emissions from natural gas and overall delivers a cleaner work environment without combustion or direct wastewater handling by operators

