

# Project Completion Report Tank Replacement Student Accommodation, Liverpool



### **Project Overview**

Site Address: Shopping Centre

Project Time: 7 Days

**Scope of Works:** Remove existing breakwater tank located in the basement tank room. Install one new split GRP sectional cold-water storage tank. Upon completion, clean and disinfect cold-water storage tank before returning to service. Install a temporary cold-water storage tank during the replacement works to maintain down service supply.











### **Scope of Works**

- A temporary cold-water storage tank was installed alongside the existing tank to maintain down service supply - Complete.
- Service was switched to the temporary tank to allow works to begin on the main tank -Complete.
- The existing cold-water storage tank was dismantled including the base Complete.
- A new base was then installed and leveled to provide a solid foundation for the new tank
   Complete.
- The new GRP sectional split cold-water storage tank was then built on top of the new base in the same location as the previous tank Complete.
- Service was switched back to the newly built main tanks Complete.
- The new tanks were then filled to check for any leaks or defects, and a clean & disinfection was then carried out Complete.
- The temporary tank was then decommissioned and removed from site Complete.











### **Condition of Tank Prior To Commencement of Works**

The cold-water storage tank was leaking, and the wooden base had developed swelling.

















## **Replacement Process**

The photos below show the tank at various stages of the process, from installation of a temporary tank (top left), to the final commissioning of the new tank (bottom right).











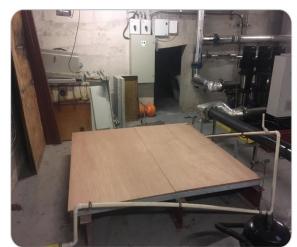








# **Replacement Process continued**



















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