

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



Replacement Process continued

