

# Completion Report Legionella Remedial Works Care Home, Bristol



## Project Overview

**Site name:** Care Home, Bristol

**Completion Time:** 3 days

**Scope of Works:** Various water system remedial works following recent Legionella risk assessment.

## Scope of Works

- Remove any redundant pipework - **Complete – 2no dead-legs were removed.**
- Complete a clean & disinfect of CWST1 – **Complete.**
- Replace 1no vented cylinder with a new 90L unvented cylinder – **Complete.**
- Replace 1no TMV within the disabled WC on the ground floor – **Complete.**
- Reconfigure pipework on an expansion vessel to ensure compliance, including installation of flow through valve – **Complete.**
- Install a double check valve up to 28mm – **Complete.**
- Insulate all cold-water pipe work – **Complete - 23 meters insulated.**
- Insulate all hot water pipe work – **Not required – All hot pipework has recently been insulated by others.**
- Replace 1no pair of non WRAS approved flexible hoses with copper hard pipe up to 22mm – **Complete.**
- Install gauges on CAL2 to indicate stored, flow and return (where circulated) temperatures – **Not required – New temperature gauges already installed by others.**

## Photographic evidence of works completed

The photos below show before and after 2no dead legs were removed.



## Photographic evidence of works completed

The photo's below show before and after CWST1 was cleaned and disinfected.





## Photographic evidence of works completed

Before and after CAL1 is replaced with new 120L unvented mains fed system:



## Photographic evidence of works completed

The photos below show before and after 1no TMV was replaced with new.



## Photographic evidence of works completed

The photo's below show before and after the reorientation of 1no expansion vessel:





## Photographic evidence of works completed

The photos below show an example of before and after 1no double check valve was installed.





## Photographic evidence of works completed

The photo's below show before and after the cold-water pipework was insulated.



## Photographic evidence of works completed

The photos below show before and after 1no pair of non WRAS approved flexible hoses were replaced with copper hard pipe.

