



# PLANT EQUIPMENT AND FILTRATION SOLUTIONS

## Providing Watertight Solutions

DSW provide specialist water hygiene, water treatment and engineering services to hospitals nationwide.





## WHAT WE FOUND...

The hospital had faulty, un-serviced chemical dosing equipment installed that had not worked in several months, this increasing the potential risk of harmful pathogens such as Legionella entering and developing within the water systems.

Although the main hospital water supply was served via a borehole there was no filtration installed prior to it being stored within the CWST and distributed to the hospital. This meant that at times water entering the Cold water tanks was stained, and could contaminate the hospitals water system.

## ACTIONS TAKEN...

Removed the previously installed chemical dosing equipment and chemical from the hospital

Installed new chemical dosing equipment to service the raw water, borehole water and nurses accommodation block water supplies. Included within this project we also upgraded all the related electrical components within the plantroom including a new control panel for the borehole water levels.





Installed borehole filtration that included 5 Micron filters, Carbon media and an Ultraviolet system. Laboratory analysis has proved the effectiveness of the install and water quality is up to the required standard to supply the hospital.

Cleaned and chlorinated the large outdoor CWST and re-lined the lid to comply with ACOP L8 and HSG 274 part 2  
Installed a new base exchange

water softener to service an acute cardiac care unit, the ward had previously not been supplied with soft water and was suffering scaling issues.

Compiled a monthly maintenance contract to ensure all equipment is working effectively and confirm efficacy of treatment plant. All plant installs and maintenance programmes comply with the HTM 04-01.



## DSW: DELIVERY, SERVICE, WILLINGNESS.

We can supply, install, repair and service the following systems for your hospital trust;



Water filtration



Water softening



Chemical treatment



Ultraviolet



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