

Drummohr Camping & Glamping Site

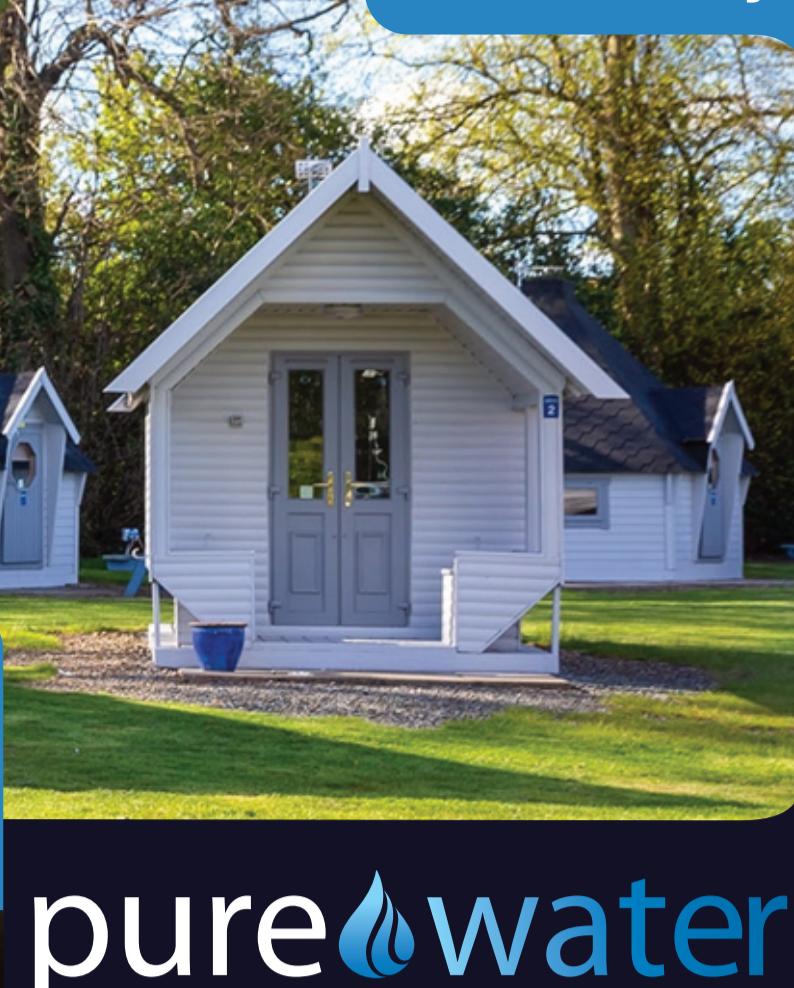
Musselburgh, Scotland

Before



Water storage requirements

After detailed discussions, it was established that the site required 4000 Litres usable capacity to block one and 7000 Litres usable capacity to block two to meet the demands of the site during peak seasons.



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Project overview

Purewater Storage Ltd were asked by Hestia Mechanical Building Services Ltd to assist in the design and manufacturing of the new water storage tanks to replace the existing ones on site. The site had non-compliant and undersized water storage tanks which were likely to freeze during the winter period and potentially run out of water in the peak of the holiday seasons.

The existing tanks along with the booster pumps were installed in the roof space which had no safe access.

The replacement system was installed at ground level which allowed safe access for maintenance and servicing.

Case Study

Products installed

1 No PW6001.INS.AB4 One piece water storage tank
1 No PW9000.INS.AB4 One piece water storage tank
2 No PWH2250 Enclosures to house the booster pumps.

Purewater Storage Ltd supplied, and Hestia Mechanical Building Services Ltd installed a Keraflo Ltd tanktronic system which can not only monitor the levels and temperature of the water being stored in each tank, but the system can also be programmed to control the level of water in each tank dependant on the demand required.

This is controlled by the Servo Ceramic Valve (SCV Valve) filling system by Keraflo Ltd.

PW6001.INS.AB4



PW9000.INS.AB4



PWH2250



Challenges and obstacles

Due to the site being a seasonal venue, demand for water fluctuates from little in the winter to a higher demand in the summer period.

We needed to design a system that was able to cope with the peak demand but at the same time ensure site were not over storing during the winter months.

Project timescale

From the initial site visit, quotation, design, manufacture, to the delivery being installed onsite was a total of only 12 weeks!



After

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Key partners

Hestia Mechanical Building Services Ltd

Keraflo Ltd