



## Dunstan Hill Camping and Caravanning Club Site

Dunstan Hill, Northumberland

**purewater** storage Ltd  
Making water storage easy since 2002

Project date: 3rd June 2024

### Project overview

Purewater Storage was invited to the site to provide a solution for upgrading the ageing tank and booster set shed, with a focus on future-proofing the facility. To minimise disruption, Purewater carried out the work during the off-season, stripping out the existing tank, booster set, shed, and all associated pipework.

To maintain capacity while improving efficiency, we installed two new 6,000 - litre One-piece tanks, matching the volume of the previous setup. Additionally, we provided a new twin-pump booster set, housed in a purpose-built enclosure to replace the garden shed where the previous system was located.

By introducing two smaller tanks, the site now benefits from uninterrupted water supply during maintenance, ensuring operational flexibility. Purewater also completed a full pipework replacement and modifications, effectively bypassing a dead leg in the system between the existing tank and booster set, further optimising performance.

### Challenges and obstacles

Our engineers were required to take delivery of the equipment themselves, which added an extra layer of responsibility and complexity to their tasks. This situation highlighted the unique challenges of working in such an isolated location, where every step of the process, from receiving goods to setting up equipment, relied heavily on the engineers' ability to manage and coordinate everything independently.

### Twin pump booster set



### Products Installed

2x PW6001.INS.50 - One Piece Water Storage Tanks  
PWH6480.NS - Non Standard Housing Enclosure  
Twin pump booster set c/w all pipework and trace heating

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### Water storage requirements

The water storage requirement for this project is 12,000 litres nominal, which is designed to ensure an adequate and reliable supply of water for the intended usage. This volume accounts for both daily consumption and any potential peak demand periods, providing a buffer to prevent shortages during high usage or unforeseen delays in replenishing the supply. The storage capacity needs to be carefully planned, considering factors such as local water availability, usage patterns, and the potential for contamination or water quality issues.

### Levelling foundation steels



### Project timescale

From date of delivery, the project was completed within two weeks.

### PW6001.INS.50 & PWH6480.NS



### Key partners

Dunstan Hill Camping and Caravanning Club Site