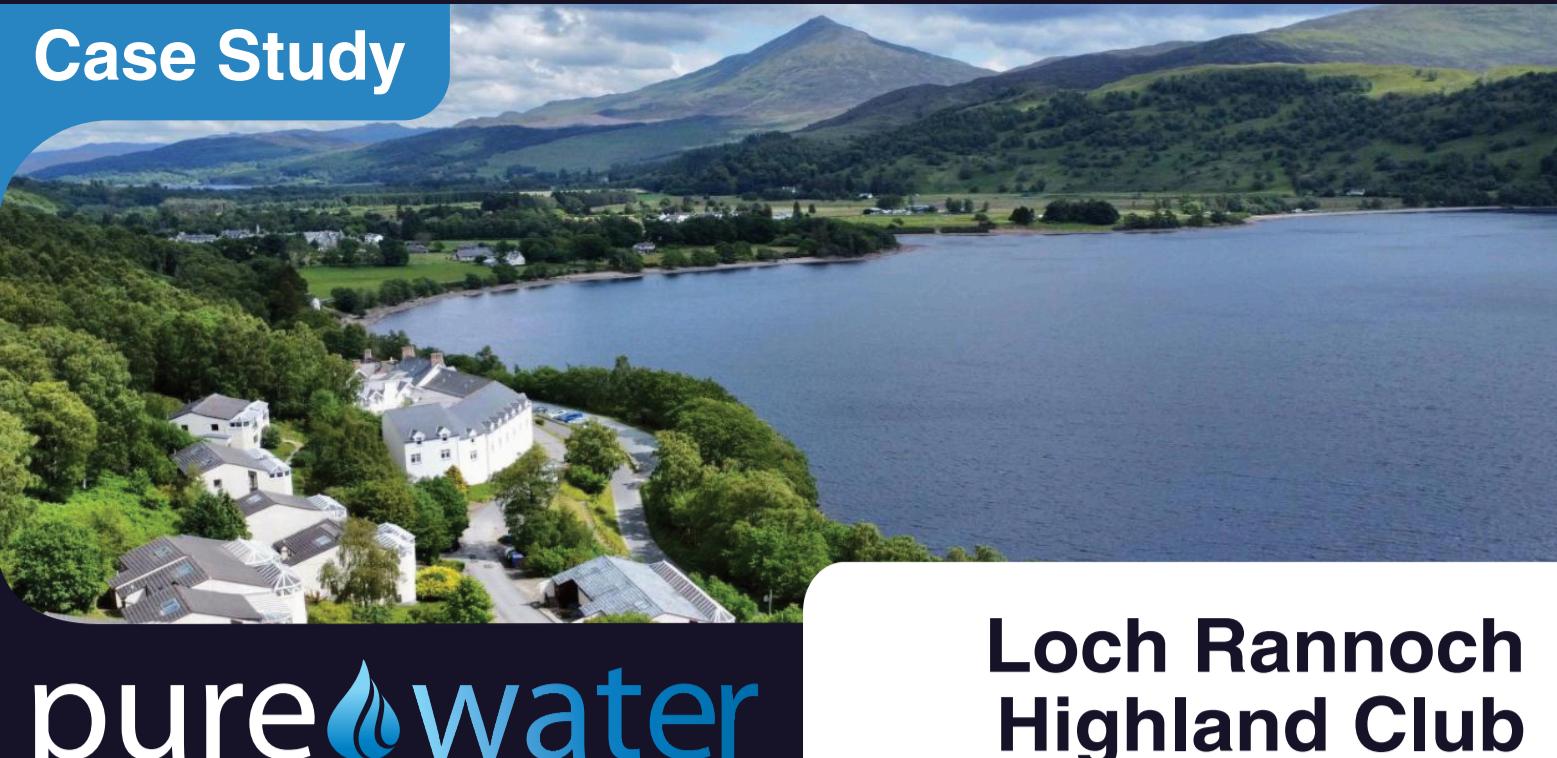


# Case Study



Making water storage easy since 2002

Project date: 11th - 29th September 2023

## Project overview

This beautifully renovated 4-star resort is renowned for outdoor activities and adventure in a fresh and stimulating environment of spectacular scenic beauty. In a remote location at the heart of the Central Highlands, the wee village of Kinloch Rannoch is steeped in Scottish clan history and was once infamous as a seat of the rebellious Jacobite insurgency.

The existing water system comprised of a smaller transfer tank that pumped water up a hill to a larger storage tank, which, in turn, supplied gravity-fed water to the Highland Club and a neighbouring hotel. To enhance the system's efficiency and capacity, Purewater Storage Ltd took on the task of replacing the smaller lower transfer tank to a 90,000 Litre sectional cold water storage tank, tripling its capacity, making regular sanitation and inspection a much easier task. This rendered the failing top storage tank redundant.

## Product installed

GRP Sectional IFB (Internally flanged base) with division. PW.6x6x2.5m High.

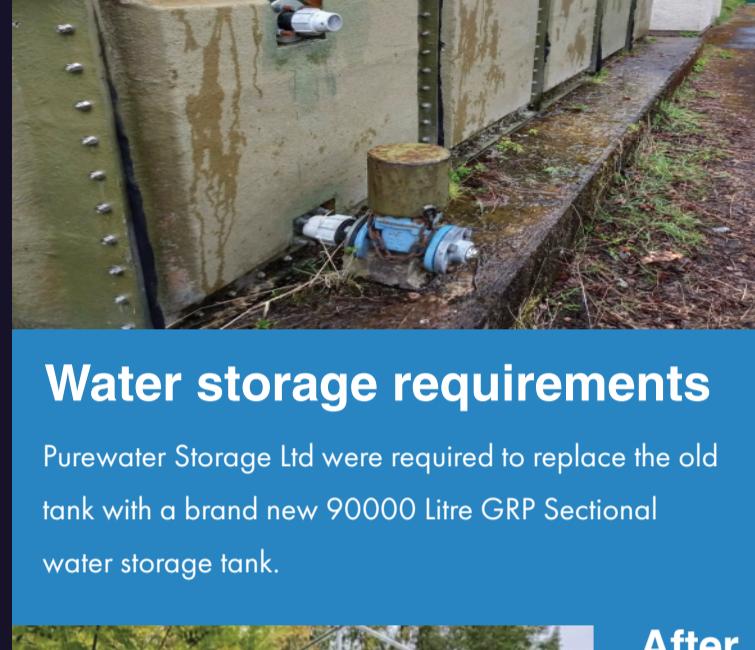
All plumbing works and Chlorination of new system.

Remote monitoring system on existing twin pump VSD control panel.

## Loch Rannoch Highland Club

Perthshire, Scotland

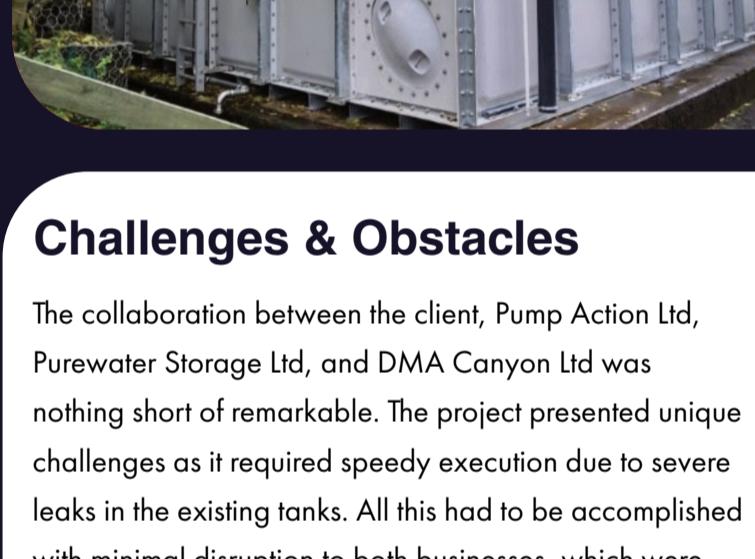
### Before



### Water storage requirements

Purewater Storage Ltd were required to replace the old tank with a brand new 90000 Litre GRP Sectional water storage tank.

### After



## Case Study



## Project timescale

It was only 10 weeks from initial enquiry to the tank being installed. This included creation of technical drawings, picking & packaging, delivery and installation of the new tank.



## Key partners

Pump Action Ltd

DMA Canyon Ltd



Making water storage easy since 2002

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## Challenges & Obstacles

The collaboration between the client, Pump Action Ltd, Purewater Storage Ltd, and DMA Canyon Ltd was nothing short of remarkable. The project presented unique challenges as it required speedy execution due to severe leaks in the existing tanks. All this had to be accomplished with minimal disruption to both businesses, which were operating at over 85% capacity.

Working in close coordination with DMA Canyon Ltd, the entire system received a much-needed overhaul. The new storage tank was seamlessly integrated into the system, bypassing the top storage tank, deleting it from the system completely.

Additionally, Pump Action Ltd played a crucial role by upgrading the existing booster set, ensuring consistent and reliable pressure throughout the new system. Pump Action Ltd took the initiative to enhance the existing twin-pump VSD control panel by integrating cutting-edge technology. They introduced a remote monitoring system that provides our client with real-time updates.

In the event of an alarm or issue, the system sends an instant text message alert to the onsite maintenance team, ensuring swift and proactive responses. The innovative system enables seamless communication with the control panel via mobile phones. The maintenance team can perform remote health checks and even issue commands directly from their mobile devices. This level of connectivity and control not only streamlines operations but also enhances the efficiency and reliability of the pump system, ensuring our client experiences uninterrupted service and peace of mind.

The good news is that this complex undertaking was executed seamlessly. Notably, the installation and bypass operation caused no inconvenience or a single complaint from the guests of both businesses.

It's a testament to the professionalism, efficiency, and expertise of all parties involved. This successful project showcases what can be achieved when dedicated teams come together to solve challenges in the most unobtrusive and effective manner.