



St. Andrew's
Birmingham City FC
Birmingham, West Midlands



Water storage requirements

Purewater Storage Ltd were required to design and supply a new 5250 Litre nominal capacity GRP Sectional water storage tank.

Case Study



After

Products Installed

GRP Sectional water storage tank
IFB (Internally Flanged base)
PW.3.5x1x1.5m High



Key partners

Ignis Group
Purewater Environmental Services Ltd

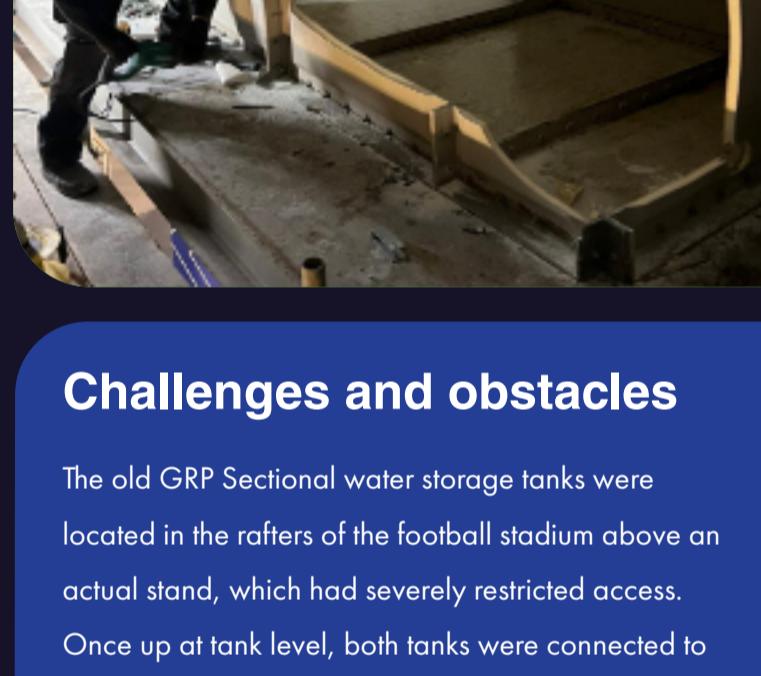
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Project overview

Purewater Storage Ltd were requested to supply a brand new GRP Sectional water storage tank to their sister company Purewater Environmental Services Ltd, who were tasked by Ignis Group for the removal and replacement of two old end of life GRP Sectional water storage tanks. Which supplied drinking water for Birmingham City FC's Gil Merrick Stand.

Before



Challenges and obstacles

The old GRP Sectional water storage tanks were located in the rafters of the football stadium above an actual stand, which had severely restricted access. Once up at tank level, both tanks were connected to each other via the outlet pipework which then gravity fed the stadium. As this is a fully operational football stadium, the full tank replacement works (including any changes to the pipework and connections), had to be carried out in a short time frame when the stadium was closed to the public. Ignis Group arranged full scaffolding and a working platform around the tank platform ready for removal once a detailed schedule for the works had been agreed by all parties involved. Team Purewater drained the tank, disconnected all pipework and removed the old GRP Sectional water storage tanks, installing a new GRP Sectional water storage tank with new connections and re-routed the pipework. The tank was then cleaned and chlorinated and placed back online.

Project timescale

This project took 10 weeks to complete from the first initial site visit, quotation, design, schedule of works, to having a complete assembled GRP Sectional water storage tank, commissioned and placed online for use.

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