



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



### Water storage requirements

Purewater Environmental Services Ltd were required to design, deliver and install 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 Storage Ltd



**pure water**  
ENVIRONMENTAL SERVICES LTD

### Project overview

Purewater Environmental Services Ltd were tasked by Ignis Group to replace 2 No, old end of life GRP Sectional water storage tanks with 1 No new GRP Sectional water storage tank, which supplies drinking water to the Gil Merrick Stand within the football stadium.



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 made access very restrictive. Once up at tank level both tanks were linked together via the outlet pipework which then gravity fed the stadium. As this is a fully operational football stadium, the full tank replacement works (including all pipework alterations/connections) had to be carried out within a small time frame when the stadium was closed to the general public. Ignis Group arranged for full scaffolding, along with a working platform around the tank location, ready for removal, once a detail schedule of works was agreed by all parties involved. Purewater Environmental Services Ltd drained down, disconnected all pipework and removed the old existing GRP Sectional water storage tanks, installed a new GRP Sectional water storage tank along with new connections and then re-piped it to the building water system. Cleaned, chlorinated and placed the tank back on line.

### Project timescale

From the first initial site visit, quotation, design, schedule of works and to having the new GRP sectional water storage tank installed onsite and commissioned and placed online for use in only 10 weeks!

**pure water**  
ENVIRONMENTAL SERVICES LTD

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