

Overview

To meet new consent criteria and increasing flows, a new Moving Bed Biofilm Reactor (MBBR) plant was required to be installed. We were appointed to carry out the design, fabrication and installation of access steel work incorporating distribution tank, pipe work and pipe supports.

Challenge

- Restricted installation area between two client s/s tanks.
- Designing pipe work to fit to the tank supplier's design.
- Clashing between metal work and pipe work.

Solution

- Integrating the tank suppliers design model with our design.
- Early submission of design to give our client more time for reviews and finalising the design requirements.
- Detailed installation sequence drawings.
- Site visits with transport and lifting suppliers to agree logistics.

Results

- Smooth installation process delivered within the site programme.
- Excellent fitment of pipe work to client tanks.
- Great feedback from our client!

