

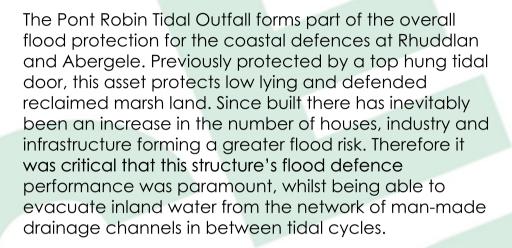
Project: Pont Robin Tidal Outfall

Location: Marsh Road, Rhuddlan



Side Hung Door Non-Return Valve

Client: Forkers Ltd





The challenge was to provide greater all-round performance for this asset, reducing inherent maintenance for the flood risk authority, whilst enhancing compliance with Water Framework Directive and fluvial connectivity.

ACE's solution was to provide two side hung HDPE doors, each measuring 1600mm x 800mm.

Among the many benefits of this solution was the ability to remove the need for an upstream trashscreen, making the asset virtually maintenance free. The low head loss from side hung doors compared to other types of flap valves also meant that there was virtually no obstruction to flow. The additional benefit is that there is much less chance for debris build up, whilst being inherently the best valve solution regarding fish and eel friendliness.

The project has proved to be highly successful and the solution continues to outperform expectations of the client.

Aquatic Control Engineering Ltd

www.aquaticcontrol.co.uk info@aquaticcontrol.co.uk 01777 249 080 Aquatic Control Engineering are market leaders of innovative water flow control, maintenance and fish passage equipment. We are proud to supply our customers with high quality, innovative solutions and high standard installation services for over 20 years