



Case Study: Rainford Brook Dredging Project

Ebsford Environmental

“Augean provided us with a critical service on Rainford Brook, receiving contaminated material under incredibly reasonable terms. The project was plagued with stoppages and doubt over how best to deal with the material, which was threatening profitability and the likelihood of a satisfactory outcome for the end client. Without Augean’s intervention, there is a good chance we would not have been able to deliver a key element of these works. The result is a very successful project and a very happy end client, for that we are grateful to David Bumpstead and the team.”

Joey Whitehead, Project Manager
Ebsford Environmental

Summary

Rainford Brook in St Helens, Merseyside, is a key outlet for surface water runoff in the surrounding area, providing flood mitigation to residents, commuters and nearby businesses. The brook feeds into the larger Sankey Brook network delivering vital drainage for the Rainford area.

Located near the A570 and local industry, Rainford Brook Pools suffers from inflows of poor water quality, resulting in the need to dredge, treat and dispose of contaminated sediments.

How Augean Helped

As part of Ebsford Environmental’s de-silting project, Augean provided the transport, treatment and disposal of over 1,000 tonnes of contaminated wet sediment.

The physical area on the Rainford Brook site was very tight, so Ebsford removed the hazardous sediment wet, avoiding time consuming and costly dewatering procedures which would also require space. The contaminated sediment was then loaded directly onto specialist road haulage vehicles, which were arranged by Augean, and then transported to Augean’s specialist storage, treatment and disposal facility located at Port Clarence near Middlesbrough, where it was subsequently treated.

Following treatment of the contaminated sediment, Ebsford Environmental continued to remove further silts for the clearance of Rainford Brook, providing much improved capacities for surface water runoff in the area.

Augean has also worked with Ebsford Environmental on other contaminated sediment treatment projects including Belgrave Lake in Tamworth.

