

SUDS, Drainage - Derwenthorpe, York



Project:

SUDS, Drainage

Location:

York

Client:

Joseph Rowntree Housing Trust

Consulting Engineer:

Alan Wood & Partners

Architect:

RPA

Project Value:

£0.5 million

Description:

Alan Wood & Partners were commissioned by Joseph Rowntree Housing Trust as the Consulting Engineers responsible for the Civil design of their Derwenthorpe project.

Surface water run-off from the development was designed to discharge unrestricted into the balancing pond, either directly or via a network of swales.

The outflow from the pond goes directly into Osbaldwick Beck at a run-off rate equivalent to the previous undeveloped use of the site.

Design work included all outfall and discharge structures.

The works form part of an overall winning scheme, pushing the boundaries of sustainability.

Design is currently on-going on phases 2, 3 and 4 of the scheme, including a pond extension.