



## Case Study

### Former Gerber Foods Factory Site, Bridgwater, Somerset

#### Background

Cole Easdon Consultants (CEC) prepared a surface and foul water drainage strategy in support of an outline planning application for a proposed residential development comprising 300 dwellings, located on a former food factory site in Bridgwater, Somerset.

The work entailed extensive liaison with the Environment Agency, Wessex Water & Parrett Internal Drainage Board (the local drainage board) to agree post development discharge rates, points of discharge and to aid preparation of an appropriate drainage strategy. Planning permission was subsequently granted.

#### Client

Gerber Foods Ltd



#### CEC Input

- Determination of rates of discharge and existing site drainage routes via CCTV survey.
- Hydraulic modelling using WINDES software to determine culvert & pond storage volumes & sewer overflow volumes during the 1:100 year storm event.
- Foul Water Drainage Strategy.

#### Benefits of Our Involvement

- CEC delivered an innovative, cost effective solution that made development possible on an otherwise difficult site.
- Our solution considered through-life maintenance and easy operational access over the lifetime of the development.
- Early project involvement and close client liaison meant that CEC were able to provide valuable input into the design layout, thereby minimising costs arising from land take constraints, and contributing to the provision of the most practical, cost effective design layout solution.
- CEC's proactive approach enabled it to resolve complex technical issues to the client's satisfaction, and obtain the necessary technical approvals in good time.
- CEC's extensive pre-planning liaison with the authorities helped to ensure a smooth passage through the planning process.

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