



Case Study

Stirling Way Industrial Estate, Peterborough, Cambridgeshire

Background

Cole Easdon Consultants (CEC) undertook flood modelling to quantify predicted flood levels and the impact on flood risk within the locality arising from a proposed flood defence wall to be constructed around an existing warehouse site on an industrial estate adjacent to the Marholm Brook in Peterborough.

Client

MLM Consultants

CEC Input

- River modelling using MIKE11 software
- Determination of 0.1% and 1% annual exceedance probability climate change (+20%) flood levels and floodplain extents for the existing (undefended) and proposed (defended) scenarios
- Advice regarding floodplain extent, proposed flood defence height & impact on flood levels in the locality arising from the presence of the proposed flood defence
- Liaison with the Environment Agency.

Benefits of Our Involvement

- Our consideration of current best practice and Environment Agency guidance provided a basis for informed expert advice to our client.
- CEC delivered timely, accurate output that enabled the client to make critical decisions regarding flood defence options, design and cost.
- Our proactive approach enabled CEC to resolve complex technical issues to the client's satisfaction, and obtain the necessary technical approvals in good time.



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