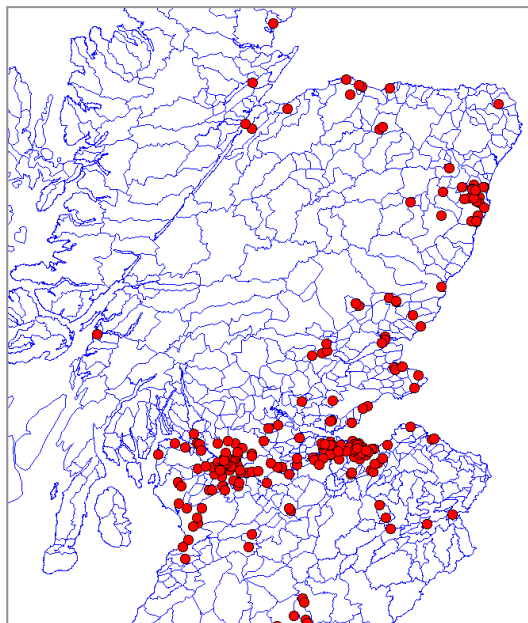


# Development Impact Assessment Programme

Client: Scottish Water Horizons /  
Developers

The Development Impact Assessment (DIA) is required as part of Scottish Water's feasibility assessment to determine whether they can support a proposed development as part of the planning process.

Caley Water is an approved framework supplier for Scottish Water Horizons, a commercially owned subsidiary of Scottish Water.



**Project Locations in Scotland**

## Overview/ Drivers

The main driver for the DIA Programme is to ensure that proposed developments connecting to the foul / combined sewerage network will not result in any hydraulic deficiency increases in terms of flooding and CSO spills.

It should be noted the developer will only be required to achieve a 'non detriment' scenario, e.g. the development will not worsen the wastewater network.

The outcome of the DIA will determine:

- If capacity is available within the wastewater network, and no remediation is required prior to connection.
- Whether the proposed development results in hydraulic deficiencies, and network upgrades are required.

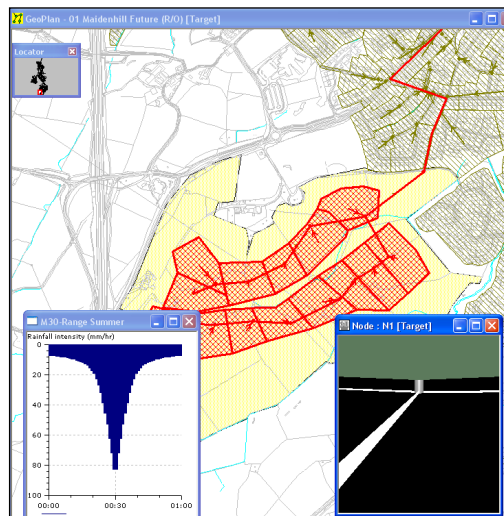
- Where it is identified that network upgrades are required, a range of modelling options will be developed to achieve a 'non detriment' scenario.

## Caley Water Solutions and Added Value

Caley Water's dedicated DIA team have developed an excellent working relationship with Scottish Water Horizons. The success of this relationship is based on effective communications, pragmatic and proactive approach to assessment and solution development (Optioneering) and timely and effective delivery of the projects.

Each DIA is a bespoke assessment and a tailored approach is required to undertake effective analysis and develop sound engineering solutions.

Having a clear understanding of the objectives of the DIA from the point of view of both Scottish Water and developer, ensures that the DIAs are effective in terms of cost and time for all parties.



**Modelled Development**

## Services Provided

- Liaise with developer to identify and quantify extent of proposed development; thereafter develop a bespoke modelling methodology specific to the development and catchment.
- Undertake hydraulic assessments using industry standard software to identify predicted detriments on the downstream network.

- Develop sustainable modelling solutions to mitigate against the predicted detriment.
- Undertake catchment model build and verification projects, including survey management, if required.
- Report findings and present engineering solutions to developer, and provide follow up design support.

### **Key Benefits and Success Factors**

Caley Water has successfully delivered a large number Development Impact Assessments for Scottish Water Horizons over the last seven years.

The dedicated DIA team prides itself in providing a professional service to its clients and this has been a key element in establishing our reputation in the industry and becoming the consultant of choice. We fully understand the complexities of the work involved and the need for experienced and well trained staff to successfully meet the aspirations of our clients.