

Main Drainage

Greenfields Drainage, Alnwick

Contract	Value	Location
8 Weeks (May 2016)	£250,000	Alnwick

Client

Northumberland County Council

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(Project Manager)

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Project Description:

After heavy rainfall caused flash flooding in the Northumberland market town of Alnwick, Northumbrian Water commissioned Seymour CEC to upsize the network to reduce the risk of further flooding to their customers.

The project included the installation of 655 meters of new drainage pipe in the main carriageway at Greenfields, Alnwick, the pipe diameter's varied in sizes of 150mm, 250mm and 300mm. Also 1.4km of filter drainage (100mm) was installed and 5 chambers with heavy duty ductile iron gully covers.

The installation of a Stormbloc tank, which is a modular geocellular structure that provides below-ground storage and infiltration of Stormwater and surface water. It is lightweight but extremely strong and durable, making it an ideal solution for use beneath areas such as roads, car parks and warehouse yards.

The Stormbloc system provides underground Stormwater storage with an integral tunnel to allow easy access for CCTV inspection and maintenance. When the heavy rainfall has stopped the water stored in the Stormbloc will be released back into the system when it is safe.

