

Flood Investigation Report

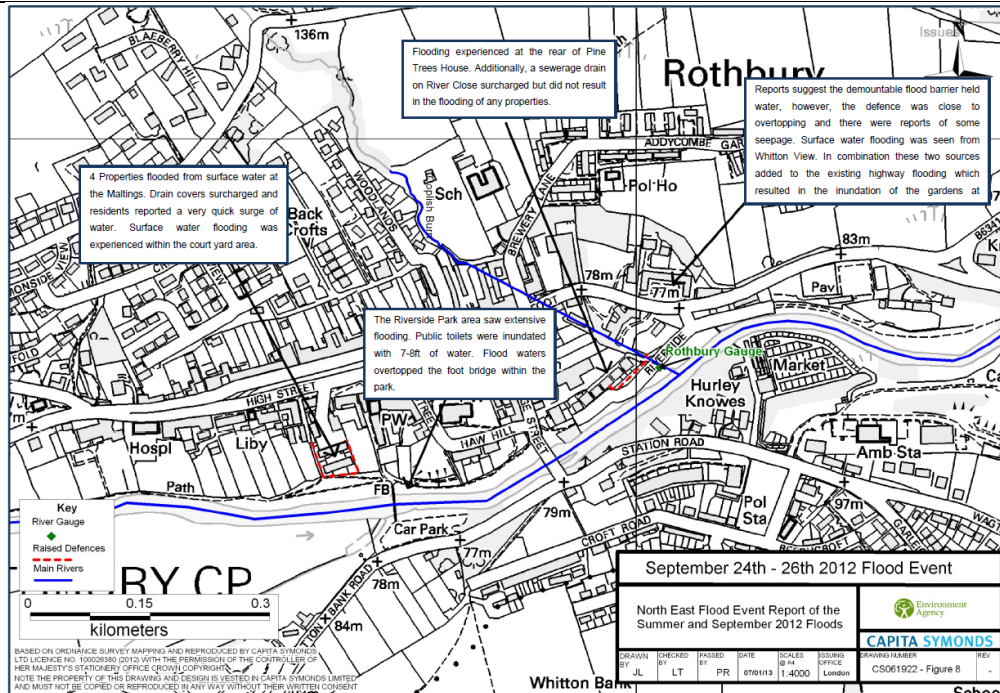
4.19

Location: **Rothbury** Incident Date: **25/09/12**

Source(s) of flooding:

Ordinary Watercourse	Main River	Surface Water	Groundwater	Sewer	Sea	Tidal Lock
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Impacts (number)	Residential	Business	Other Buildings	Roads	Critical Infrastructure
	4	0	0	1	0



Description

The River Coquet flows through Rothbury, rising in the Cheviot Hills it follows a generally east direction for approximately 64km before discharging into the North Sea at Amble. It has a catchment area of 595km² and an average slope of 108m/km with relatively low permeability cement stone and sandstone underlying the catchment.

A flood alert for low lying areas in upper River Coquet was issued by the Environment Agency at 1800 on 24 September. The rainfall was not sufficient for a flood warning to be issued for this part of the river Coquet.

Residents at Armstrong Cottages confirmed that the demountable flood barrier held. Water came close to overtopping the defence and there were reports of some seepage. There was surface water flooding on the road from Whitton View. The overflow from the defence added to the highway flooding resulting in the wall surrounding Armstrong Cottages to overtop and flood the gardens of the cottages. No properties were flooded at Armstrong Cottage, due to the defences mentioned earlier and the property level protection on the garden wall.

The rear of Riverside Pine Trees House flooded from the River Coquet, in addition the sewerage drain at River Close surcharged, however the property was not flooded. The wrack mark in the Forestry Commission car park was to the very back of the gravelled area. In the Riverside Park area the public toilets were flooded to approximately 7-8ft, flood waters overtopped the foot bridge in the park. The force of water knocked the wall down downstream of the Maltings into the allotments.

At the Maltings 4 properties flooded from surface water at approximately 9:30/10:00am on 25 September 2012. The drain covers surcharged and residents reported a very quick intense surge of

water. Surface water filled the court yard area to a depth of 50cm.

RMA Actions:

NCC *Exercised:* Carried out FIR
 Proposed: Liaise with all RMAs to investigate mitigating SW flooding in The Maltings area of Rothbury

EA *Exercised:* Issued Flood Warnings for River Coquet;
 Proposed: Assisted with FIR

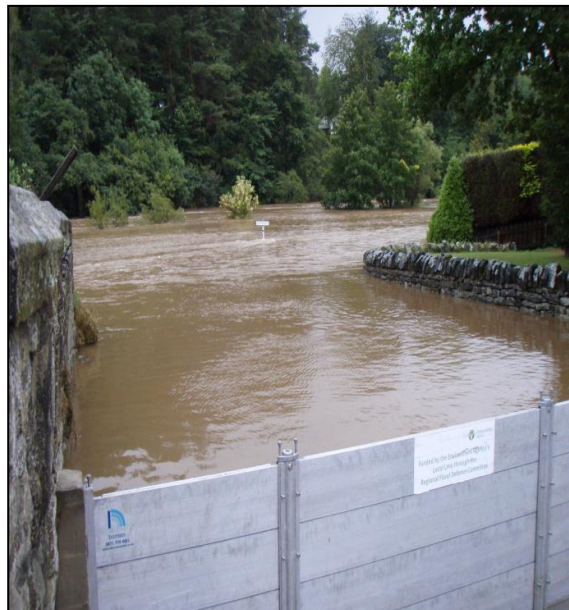
NWL *Exercised:*
 Proposed:

Other *Exercised:*
 Proposed:

Additional supporting information



Flooding at Rothbury Playground.



Floodgate at Rothbury.

Sign Off

Drafted by: James Hitching
 Approved by: Aaron McNeill

Date
 29/03/13

RMA Notification: EA ☒ NWL ☒ Other ☐ (please specify)