

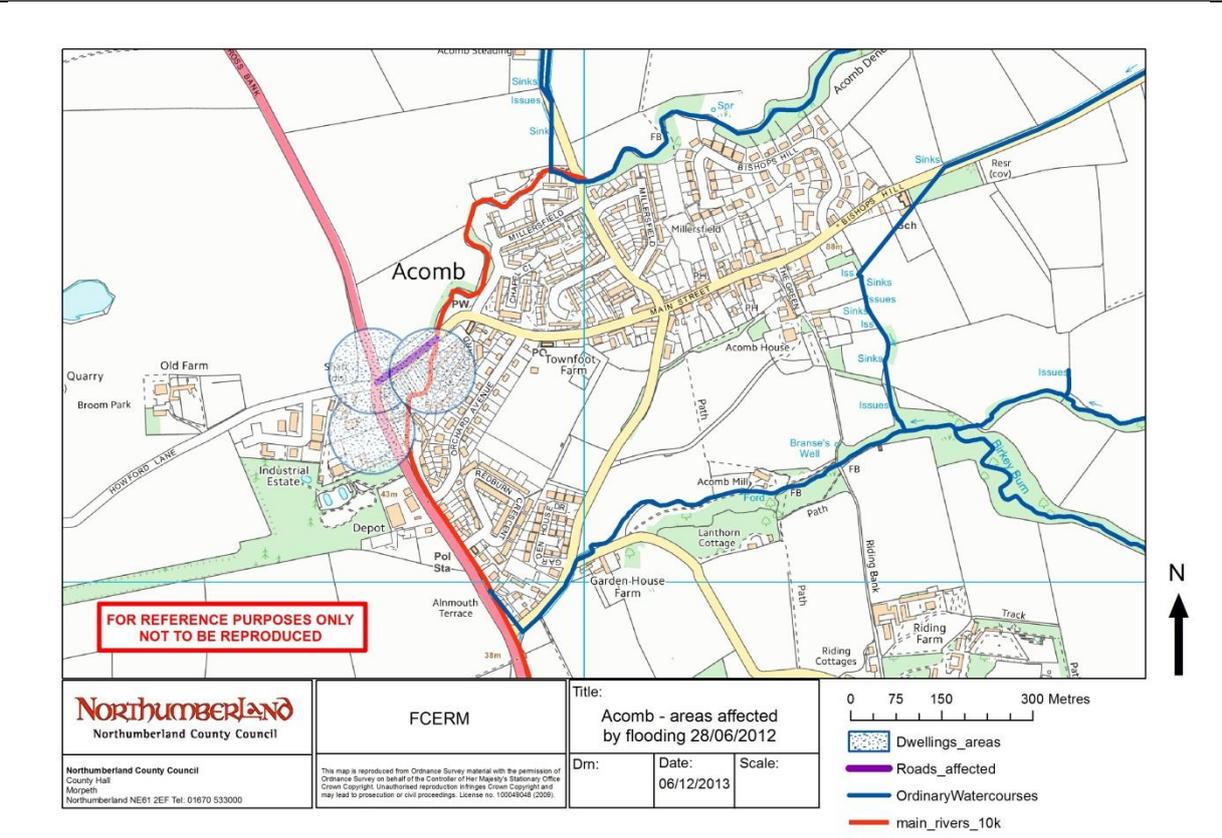
Flood Investigation Report

4.1

Location: Acomb	Incident Date: 28/06/12
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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	Residential	Business	Other Buildings	Roads	Critical Infrastructure
(number)	12	0	0	2	0



Description

Acomb is a large village situated less than 2km north of Hexham. The Red Burn flows through Acomb and is designated as a main river downstream from the road bridge at Millersfield.

Heavy rain on the 28 June 2012 resulted in the flooding of many properties and gardens in the Morrison Terrace, Cross Bank View and Tynedale Terrace area of Acomb.

The main source of flooding to the residential properties on these streets was water that had come out of bank from the Red Burn (designated main river at this point). The intense rainfall saw water levels in the river rise dramatically until it came out of its banks. Here water entered peoples back gardens, before entering some properties.

Surface water on Morrison Terrace contributed to the flooding for these properties. There is a steep bank on the opposite side to the properties on Morrison Terrace, with the heavy rainfall water came off this bank and collected in the road. The sheer intensity of rainfall was too much for the gulleys and the highway drainage to cope with. In addition there isn't much of a freeboard between the pavement and the front doors on Morrison Terrace.

Reports from residents at parish/flood group meeting of surface water flooding on Bishop Hill, unclear if property was affected. Ordinary watercourse or highways drainage.

Overall 12 properties and 19 gardens in all were affected by flooding.

Data provided by the EA suggests historic flooding in Acomb. Flood outlines recorded on 14/08/2008 for both main river and ordinary watercourse flooding (NFCDD) 8 properties and 1 garage. The survey from the 1998 S105 study indicated that there was flooding in Acomb on 1 January 1909 and 1 August 1998 caused by the Red Burn "bursting its banks". Flooding was also noted to have occurred at Garden House Bank in 1996.

RMA Actions:

NCC	<p><i>Exercised:</i> Carried out Flood Investigation Report</p> <p><i>Proposed:</i> Look into potential measures to alleviate surface water runoff adjacent Morrison Terrace</p>
EA	<p><i>Exercised:</i> Have carried out some heavy maintenance works following the June floods.</p> <p><i>Proposed:</i> Looking to repair a collapsed culvert that runs through properties no3 and 4 of Reburn Estate. Also looking to carry out an initial assessment to see if any further works in this area could be justified, although this is a while off.</p>
NWL	<p><i>Exercised:</i></p> <p><i>Proposed:</i></p>
Other	<p><i>Exercised:</i></p> <p><i>Proposed:</i></p>

Additional supporting information



Plate 1 – View looking westwards down Morrison Terrace

