

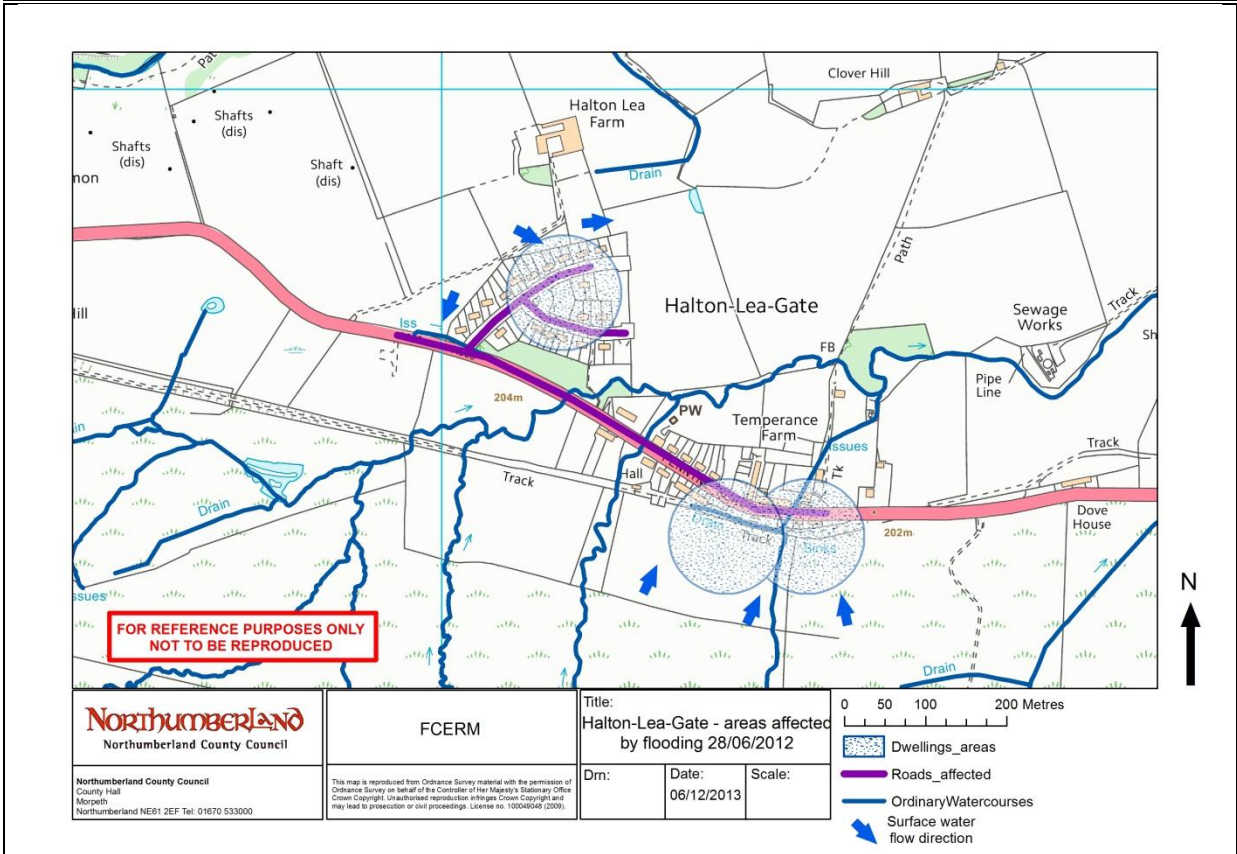
Flood Investigation Report

4.8

Location: Halton Lea Gate	Incident Date: 28/06/12 & 04/08/12
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Source(s) of flooding:						
Ordinary Watercourse	Main River	Surface Water	Groundwater	Sewer	Sea	Tidal Lock
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Impacts	Residential	Business	Other Buildings	Roads	Critical Infrastructure
(number)	7	0	0	3	0



Description

Halton Lea Gate is a village situated in the extreme west of the county. It is approximately 7.5km southwest of Haltwhistle.

The catchment for Halton Lea Gate is relatively large and incorporates the hills, mainly Glendue Fell south of the village. The location of the village is such that rain clouds, which form west in Cumbria travel east by the prevailing winds and then disperse over the hills and the surrounding villages. Halton Lea Gate has a much higher annual rainfall (1186mm/year) than other areas within Northumberland (Morpeth – 714mm/year).

On the 28th June flooding in Halton Lea Gate occurred in two main areas of the village. The first was within the Leaside area. An ordinary watercourse that takes rainfall from the hills south of the village, runs northerly under the A689 and then west of Leaside. Here a culvert runs under the road before outfalling into the watercourse about 160 metres east. The inlet to this culvert became blocked which caused flood waters to rise and eventually come out of bank. Once out of bank the flood waters went through some of the gardens in Leaside and onto the road. Surface water runoff from the fields at the rear of the northern properties of Leaside led to the flooding of gardens and contributed to the flooding within the roads. There is also a green area within Leaside, which according to reports is quite often very wet. The wet area is caused by groundwater flooding and could be a result of historical mining activity in the local vicinity.

The second area that was affected was the eastern end of Pennine Road (A689). Here 5 properties were flooded. The old railway line to the south of Pennine Way now forms a cycle path that is maintained by Sustrans. There is a ditch that runs west to east, south of the cycle path. The fall of the cycle path is such that it falls from north to south. This fall means that surface water will run into Pennine Road and not the adjacent ditch. Water was funnelled down the access road to the cycle path and into the gardens and properties of Pennine Road.

Post flooding edit – During a site visit on 14 March 2013, clearance works on the ditch adjacent to the cycle path had been undertaken.

RMA Actions:

NCC	<i>Exercised:</i>	Carried out Flood Investigation Report.
	<i>Proposed:</i>	Look to seek funding for any potential flood alleviation works in the MTP.
EA	<i>Exercised:</i>	
	<i>Proposed:</i>	
NWL	<i>Exercised:</i>	
	<i>Proposed:</i>	
Other	<i>Exercised:</i>	
	<i>Proposed:</i>	

Additional supporting information



Figure 1: The blocked inlet west of Leaside, Halton Lea Gate



Figure 2: Surface water flows around Halton Lea Gate

Sign Off

Drafted by: James Hitching

Approved by:

Date

08/10/12

RMA Notification: EA NWL Other (please specify)