

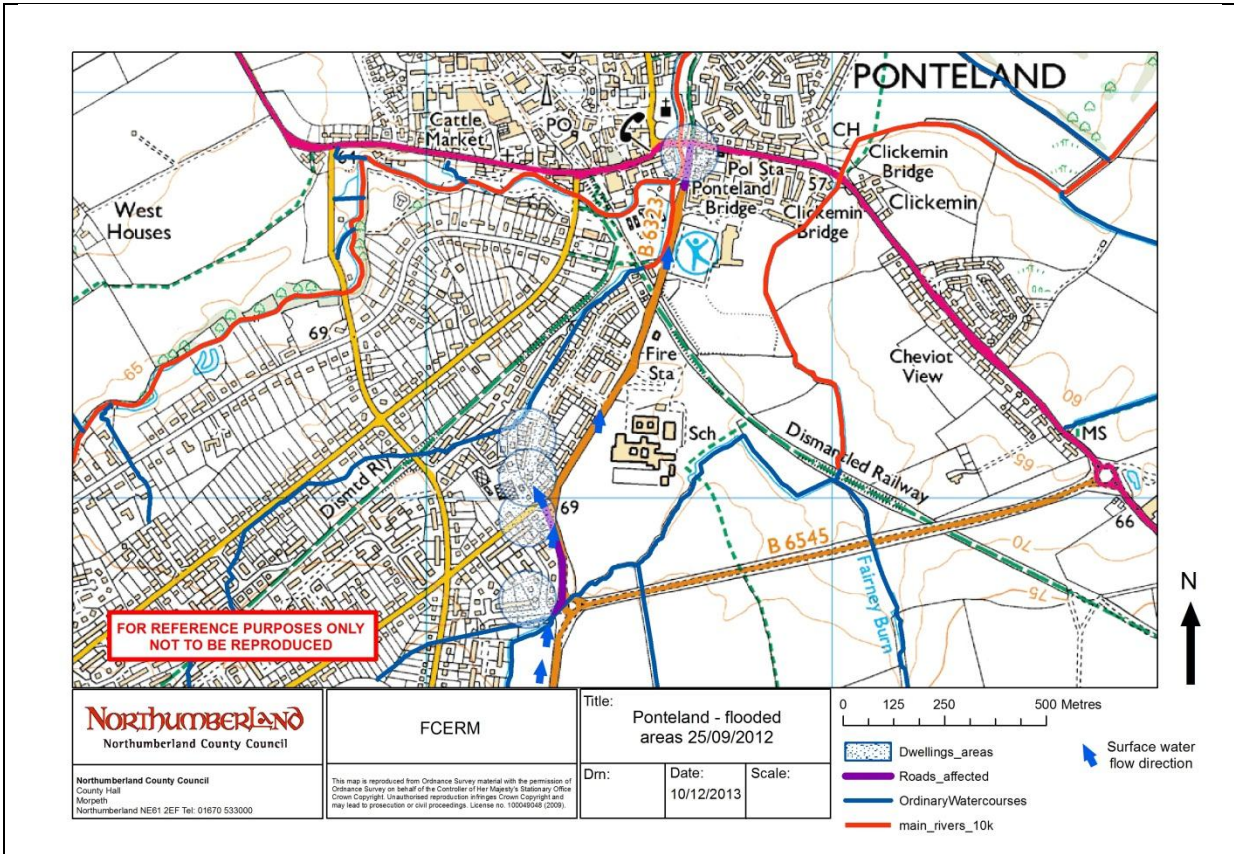
Flood Investigation Report

4.17

Location: **Ponteland** Incident Date: **25/09/2012**

Source(s) of flooding:						
Ordinary Watercourse	Main River	Surface Water	Groundwater	Sewer	Sea	Tidal Lock
<input type="checkbox"/>	<input 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)	9	0	0	4	0



Description

Ponteland is located approximately 12km to the north-west of Newcastle-upon-Tyne. Following persistent heavy rain for three days, up to and including 25 September 2012, reports were received at Northumberland County Council regarding drainage problems around Callerton Lane/Rotary Way roundabout. Photographs, a site visit and anecdotal evidence showed runoff, originating from the land to the south west of the roundabout, overwhelming a drain at 1 Callerton Court. The excess runoff then continued to flow northwards along Callerton Road, subsequently spilling into Middle Drive and Duns Green, causing flooding to several properties.

Surface water runoff from Birney Hill Farm contributes to flooding in the back gardens of properties within Birney Edge and Greenacres amongst other roads off Edge Hill. Historically there was a watercourse running at the bottom of Birney Hill Farm that would have intercepted flows. However, when the Edge Hill development was built circa 1970 this watercourse was replaced by a culvert. Hence, any excessive overland surface water flows are now not intercepted and flow into the residential area. On this occasion we were not aware of any water entering any properties.

RMA Actions:	
NCC	<i>Exercised:</i> Site visit by James Hitching and Hermes Carlyon
	<i>Proposed:</i> Inspection and clearance of drainage system as necessary Investigate opportunities identified within the Tyneside Sustainable Sewerage Study (in partnership with other RMAs)
EA	<i>Exercised:</i>
	<i>Proposed:</i> Investigate opportunities identified within the Tyneside Sustainable Sewerage Study (in partnership with other RMAs)
NWL	<i>Exercised:</i>
	<i>Proposed:</i> Investigate opportunities identified within the Tyneside Sustainable Sewerage Study (in partnership with other RMAs)
Other	<i>Exercised:</i>
	<i>Proposed:</i>

Additional supporting information



Plate 1: Flooding of Callerton Lane near Mayfair Gardens

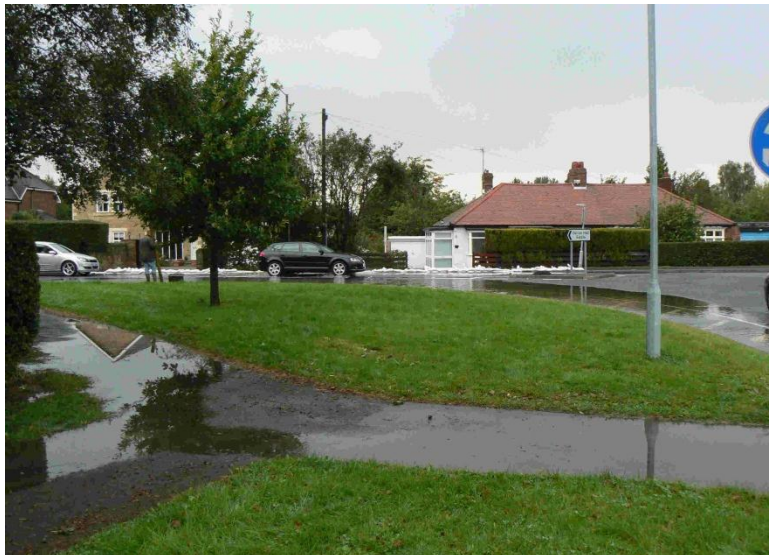


Plate 2: Callerton Lane/Middle Drive roundabout and impromptu sandbag barrier at driveway

Sign Off Drafted by: Hermes Carlyon Approved by:	Date 23/10/13
RMA Notification: EA <input checked="" type="checkbox"/> NWL <input checked="" type="checkbox"/> Other <input type="checkbox"/> (please specify)	