Flood Investigation Report



4.17

	cation: Ponteland					25/09/2012
Source(s) of flood		0 (
Ordinary Vatercourse	Main River	Surface	Groundwater	Sewer	Coo	Tidal
watercourse	River	Water	Groundwater	Sewer	Sea	Lock
		\boxtimes				
	sidential	Business	Other Buildings	Roads	Critical In	frastructure
number)	9	0	0	4		0
West Houses For Reference Punot To BE REP		Cartle Parties And Andrews And	Pol Standard Bridge Standard S	CH Clicke	ckemin viot ew	Metres N
Northumberland County Co		FCERM	Ponteland - flooded areas 25/09/2012		250 500 L I I I J	Surface water flow direction
Northumberland County Council County Hall Morpeth Northumberland NE61 2EF Tel: 01870 533000	This map is reproduce Cristiance Survey on Crown Copyright. Un may lead to prosecut	sed from Ordnance Survey material with the permit behalf of the Controller of Her Majesty's Stationar authorised reproduction infringes Crown Copyright tion or civil proceedings. License no. 100049048 (;	ossin of Office and and and (2009). Drn: Date: Scale: 10/12/2013	— Ord	ids_affected inaryWatercourses n_rivers_10k	- now direction

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 Dunsgreen, 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 A	ctions:	
NCC	Exercised: Proposed:	Site visit by James Hitching and Hermes Carlyon Inspection and clearance of drainage system as necessary Investigate opportunities identified within the Tyneside Sustainable Sewerage Study (in partnership with other RMAs)
EA	Exercised: Proposed:	Investigate opportunities identified within the Tyneside Sustainable Sewerage Study (in partnership with other RMAs)
NWL	Exercised: Proposed:	Investigate opportunities identified within the Tyneside Sustainable Sewerage Study (in partnership with other RMAs)
Other	Exercised: Proposed:	

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	NWL 🛛	Other (please specify)	