

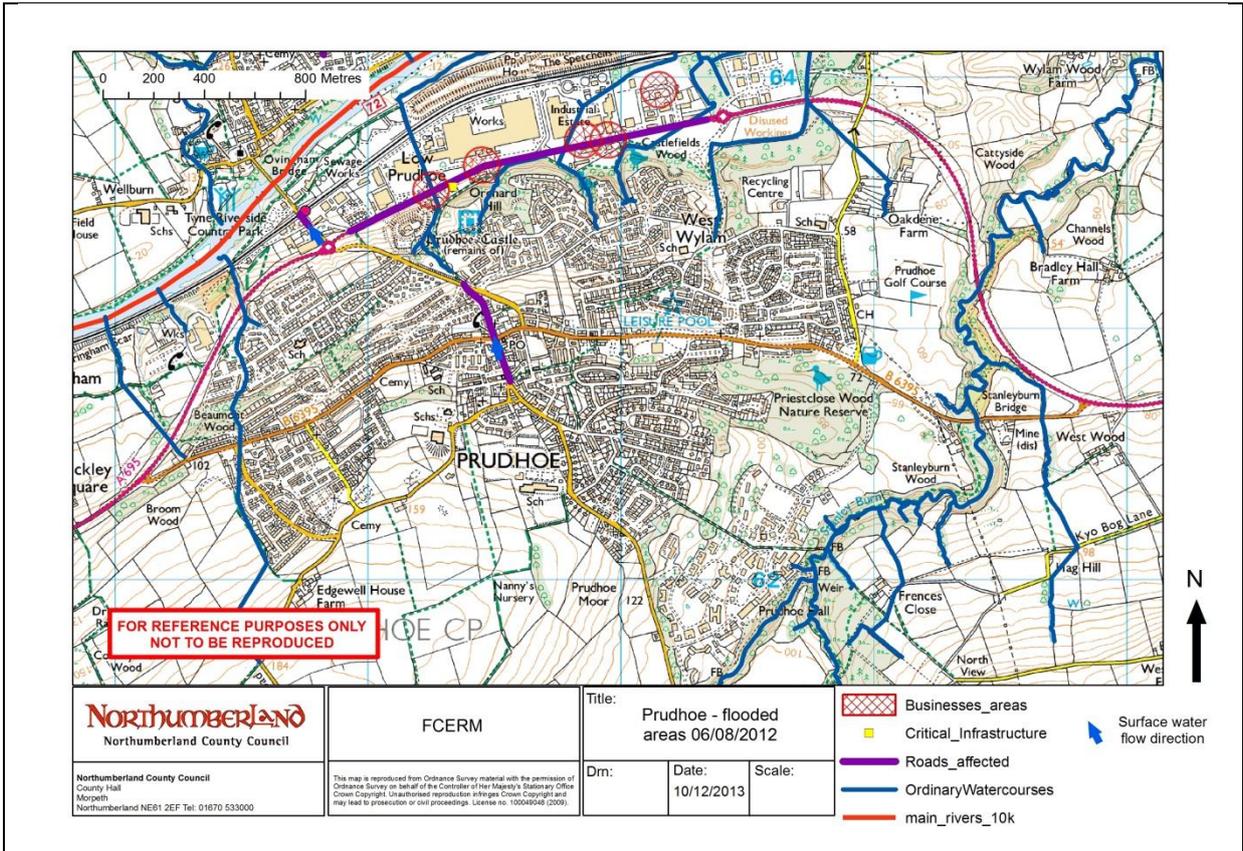
# Flood Investigation Report

4.18

Location: <b>Prudhoe</b>	Incident Date: <b>Various</b>
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<b>Source(s) of flooding:</b>						
Ordinary Watercourse	Main River	Surface Water	Groundwater	Sewer	Sea	Tidal Lock
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Impacts</b>	Residential	Business	Other Buildings	Roads	Critical Infrastructure
(number)	<b>0</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>0</b>



## Description

The town of Prudhoe lies approximately 15km west of Newcastle-upon-Tyne. There are many documented reports of flooding in recent years. Dates include April 2011, 6 August 2011, 26 August 2011, 24 & 28 June 2012, 6 July 2012 and 25 September 2012. There have been other occurrences of historic flooding not mentioned due to the lack of readily available detailed documentation.

The majority of historic flooding problems occur in Low Prudhoe, which lies directly to the south of the River Tyne and is separated from the main town further to the south by a steep wooded bank. Sources of flooding in Low Prudhoe have been widely reported and documented as a combination of surface water sewer outflows, ordinary watercourses (both culverted and non-culverted) and overland flow. It has been reported that a number industrial premises towards the toe of the bank, and areas of land adjacent to the A695 (including the A695 itself) frequently experience flooding or the imminent threat of flooding from moderate to heavy rainfall events.

In September 2012 Royal Haskoning produced a report (Prudhoe Flood Investigation Study, see Figure 1 below) that describes the 6 August 2011 flood. During this particular event a surface water drainage sewer collapsed near the town centre of Prudhoe causing localised flooding and contributing to surface water runoff in Low Prudhoe by taking flow paths down the highway (Station Road) and also down natural flow routes on the steep bank.

The extent to which interior flooding to properties has occurred is not known due to the lack of reports. Reported incidents identify problems related to surface water and drainage issues.

Figure 2 (attached below) is a scan of a newspaper article by the Hexham Courant (dated early July 2012) relevant to the flooding problems in Prudhoe.

### RMA Actions:

<b>NCC</b>	<i>Exercised:</i> Undertaken Flood Investigation Report <i>Proposed:</i> Working with landowners and other RMAs to look at improving watercourses.
<b>EA</b>	<i>Exercised:</i> <i>Proposed:</i>
<b>NWL</b>	<i>Exercised:</i> <i>Proposed:</i>
<b>Other</b>	<i>Exercised:</i> <i>Proposed:</i>

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## Additional supporting information



Acrobat Document

Figure 1: Prudhoe Flood Investigation Study



Acrobat Document

Figure 2: Hexham Courant newspaper article

[EA have some post event flooding photos from January 2005](#)

<b>Sign Off</b> Drafted by: Hermes Carlyon Approved by:	<b>Date</b> 18/04/2013
RMA Notification: EA <input checked="" type="checkbox"/> NWL <input checked="" type="checkbox"/> Other <input type="checkbox"/> (please specify)	