

Flood Investigation Report

4.16

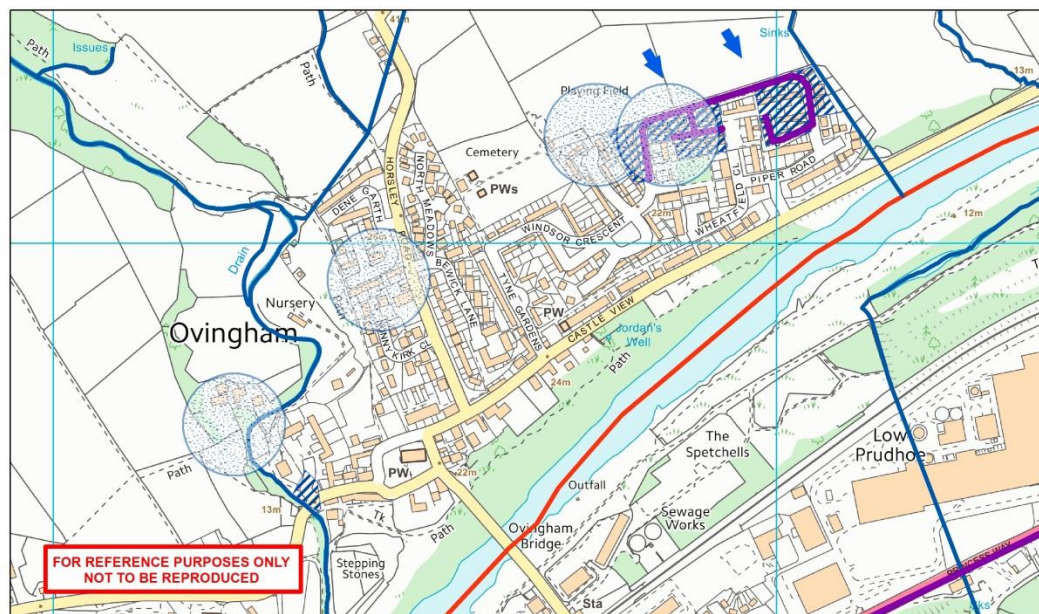
Location: **Ovingham**

Incident Date: **28/06/12**

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Impacts (number)	Residential	Business	Other Buildings	Roads	Critical Infrastructure
	8-20	0	0	4	0



Northumberland
Northumberland County Council

FCERM

Title: Ovingham - flooded areas 28/06/12

Dm:

Date: 10/12/2013

Scale:

0 65 130 260 Metres

☒ Dwellings_areas
☒ Roads_affected
☒ OrdinaryWatercourses
☒ main_rivers_10k
☒ Affected_Area

Surface water flow direction


Description

Ovingham is located approximately 14km to the east of Hexham and adjacent to the River Tyne.

The rainfall event of 28th June 2012, estimated regionally to be a 1 in 150 – 200 year return event, resulted in surface water flooding to properties on Dene Garth, Piper Road, Dene Close and Wheatfield Close. The source of this surface flood water is understood to be from the fields to the north and west of the village. These fields are relatively steep and can experience sheet runoff in large rainfall events. One property to the west of the village was affected by flooding from the Whittle Burn. This property was also flooded in September 2008.

Despite the event of 28th June 2012 being of such low annual probability and the fact that infiltration rates of the ground were reduced due to a particularly wet summer, anecdotal evidence highlights a significant surface water flooding issue in the village. Evidence supports a number of additional occasions in the last 12 years where flooding has occurred to residential roads and property surrounds as a result of events of greater probability.

RMA Actions:

NCC	<p><i>Exercised:</i> Flood Investigation Report carried out.</p> <p><i>Proposed:</i> To investigate further through the development of the Northumberland Surface Water Management Plan and possible submission in MTP.</p> <p>Ensure by working with developers that any future development north of Piper Road does not increase the risk of flooding to properties at lower elevations.</p>
EA	<p><i>Exercised:</i> N/A</p> <p><i>Proposed:</i> Possibly evaluate MTP submission</p>
NWL	<p><i>Exercised:</i> N/A</p> <p><i>Proposed:</i> N/A</p>
Other	<p><i>Exercised:</i> N/A</p> <p><i>Proposed:</i> N/A</p>
<p>Additional supporting information</p> <p>The North East Flooded Communities Review for Ovingham (EA, 2009) contains a report of the flood event of September 2008.</p> <p>Residents affected in the north east area of the village have written and photographic records of flooding for the last 12 years.</p>  <p><i>Plate 1 – The fields north of Piper Road</i></p>	

<p>Sign Off</p> <p>Drafted by: Aaron McNeill, FCERM Assistant Engineer</p> <p>Approved by: Trevor Dixon</p>	<p>Date</p> <p>22/08/12</p>
<p>RMA Notification: EA <input checked="" type="checkbox"/> NWL <input checked="" type="checkbox"/> Other <input type="checkbox"/> (please specify)</p>	