Flood Investigation Report

4.9

Location: Haltwhistle  
Incident Date: 28/06/12  
and  
04/08/12

Source(s) of flooding:

<table>
<thead>
<tr>
<th>Ordinary Watercourse</th>
<th>Main River</th>
<th>Surface Water</th>
<th>Groundwater</th>
<th>Sewer</th>
<th>Sea</th>
<th>Tidal Lock</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

Impacts (number)

<table>
<thead>
<tr>
<th>Residential</th>
<th>Business</th>
<th>Other Buildings</th>
<th>Roads</th>
<th>Critical Infrastructure</th>
</tr>
</thead>
<tbody>
<tr>
<td>20+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Reports of burn flooding regularly + blockages in culvert
- Flood risk to 5 no. properties on Meadow View (near mosaic as a result of examination on 28/6 & 4/8 - suggested that the bank is too low
- SW properties at risk adjacent to private bridge including SW flooding to Holmes Cottage on Willa Rd
- Seep gorge & regular debris falls - risk of culvert blockages downstream
- Unconfirmed reports of flooding to Oakwood Terrace as a result of SW from the north & adjacent burn
- SW ponding and source of runoff to lower ground
- SW flooding to properties on Meadow Ter (5m depth) & 11 no. properties on the Malt
- Double boxed culvert - left hand box heavily silted to approx. 70%
- SW flooding 28/06/12 & 4/8/12: Flood water ponded at location shown & flooded 2 properties adjacent to the burn
- Storm water undermining the railway embankment adjacent to West View

*Note: The table and diagram provide a summary of the flood events and their impacts on different locations and elements in the area.*
Description

Haltwhistle is located approximately 22km to the west of Hexham and sits within the Haltwhistle Burn catchment which discharges into the nearby River South Tyne.

Flooding incidents were reported on the 28 June and the 4 August 2012, the source of which has been from a combination of surface water, ordinary watercourse and main river. Fluvial flooding occurred to three properties at Town Foot on the 28th June. On the 4th August the fluvial event was less significant with no reported fluvial flooding. The contributing rainfall events of 28 June and 4 August have been estimated to be in the order of 1 in 40 year and 1 in 14 year return periods, respectively.

The topography of the town and surrounding area is steeply sloped, generally falling from the north to south, and as such, the catchment is recognised as a Rapid Response Catchment.

RMA Actions:

<table>
<thead>
<tr>
<th><strong>NCC</strong></th>
<th>Exercised: Gullies cleaned post 28/06/12</th>
<th>Proposed: Further investigation as part of the Northumberland SWMP and assess likelihood of grant funding for surface water works.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EA</strong></td>
<td>Exercised:</td>
<td>Proposed: Assess likelihood of grant funding for alleviation works.</td>
</tr>
<tr>
<td><strong>NWL</strong></td>
<td>Exercised:</td>
<td>Proposed:</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>Exercised:</td>
<td>Proposed:</td>
</tr>
</tbody>
</table>
Additional supporting information

Plates above – flooding to the Townfoot area, 4 Aug 2012

Post 28 June gulley cleaning to: Park Road and Newholme Avenue, Moorlands, Ashcroft Terrace, Woodhead Lane, Meadow Grange, Dale Street, Wyddon terrace, Westgate, Westlands, Central drive, Meadow Terrace, Comb Hill Road, Edens Lawn

Sign Off
Drafted by: Aaron McNeill, FCERM Assistant Engineer
Approved by: Trevor Dixon, FCERM Policy Officer

Date
12/09/12

RMA Notification:  EA ☒ NWL ☒ Other ☐ (please specify)