

Flood Investigation Report

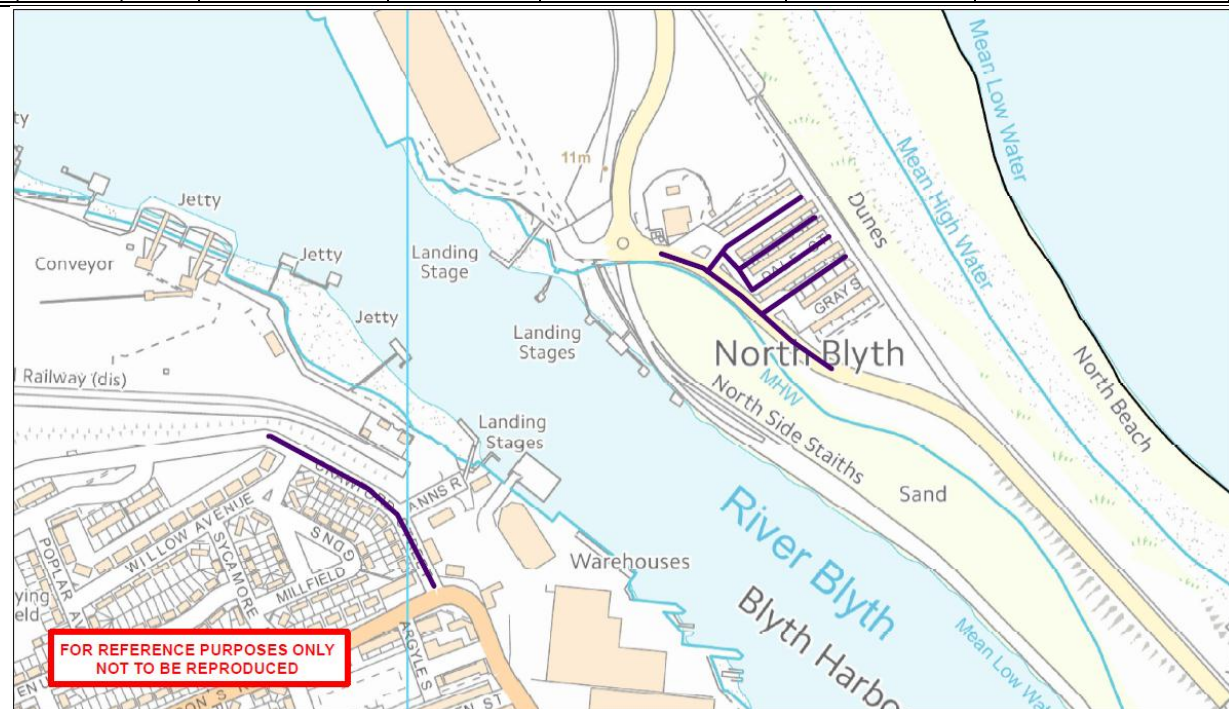
Location: **Blyth and North Blyth**

Incident Date: **05/12/13**

Source(s) of flooding:

Ordinary Watercourse	Main River	Surface Water	Groundwater	Sewer	Sea	Tidal Lock
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Impacts	Residential	Business	Other Buildings	Roads	Critical Infrastructure
(number)	0	0	0	1	0



Northumberland
Northumberland County Council

Network Management
Information System

Title: Blyth and North Blyth
tidal surge event
5th December 2013

Legend

— Roads Affected



Northumberland County Council
County Hall
Morpeth
Northumberland NE61 2EF Tel: 01670 533000

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Dm: DG Date: 02/12/2014 Scale: 1:4,000

Description

The areas affected are situated either side of the River Blyth approximately 1 mile from the river mouth.

The tidal surge event on the 5th December 2013 coincided with a spring tide resulting in sea levels along the east coast reaching their highest in 60 years. As the sea level approached its peak at approximately 16:00 Crawford Street in Blyth was flooded, but water is not thought to have crossed property thresholds. Properties were sandbagged and this is thought to have helped prevent flooding. In North Blyth no properties were thought to have flooded, though were surrounded and very close to. Sandbags at properties were thought to have helped prevent flooding.

Despite the event being of such low probability Crawford street and North Blyth will be at increased risk as mean sea level rises into the future.

RMA Actions:		
NCC	<i>Exercised:</i>	<ul style="list-style-type: none"> Carried out Flood Investigation Report.
	<i>Proposed:</i>	<ul style="list-style-type: none"> Provide key messages via social media.
EA	<i>Exercised:</i>	<ul style="list-style-type: none"> EA have moved Crawford Street into the Blyth Quayside flood warning area. Further detail has been added to flood alert texts.
	<i>Proposed:</i>	<ul style="list-style-type: none"> Discussion between the Environment Agency and Flood Forecasting Centre regarding changing the Flood Guidance Statement s when there have been flood alerts issued in the County. EA to carry out investigation in how they forecast in the future to provide more consistent information with regards to; height of tidal surge, the issuing of warnings etc.
NWL	<i>Exercised:</i>	
	<i>Proposed:</i>	
Other	<i>Exercised:</i>	
	<i>Proposed:</i>	
Additional supporting information:		

<u>Sign Off</u>	Date
Drafted by: David Green, Graduate FCERM Engineer	14/01/15
Approved by: Trevor Dixon, Flood and Coastal Erosion Risk Manager	
RMA Notification: EA <input checked="" type="checkbox"/> NWL <input checked="" type="checkbox"/> Other <input type="checkbox"/> (please specify)	