Flood Investigation Report



Location: Berwick upon Tweed					Incident Date: 05/01/16					
Source(s) of flooding:										
Ordinary	Main	Surface		_	_	Tidal				
Watercourse	River	Water	Groundwater	Sewer	Sea	Lock				
\boxtimes		\boxtimes								
Impacts	Residential	Business	Other Buildings	Roads	Critical Info	rastructure				
(number)	3	4	0	3	()				
_		atwork Management	Playing Field System out Title Berwick - Areas a Sected by	NO. 2413	90 225 300 Mg	Magdalen Golf Court				
Northemberland Co		nformation System	Winter 2015-16	Affec	ry watercourse ted dwellings Winter2015 ted business Winter2015					
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Description

Berwick upon Tweed is the most northern town in Northumberland, located 65 miles north of Newcastle and just 2 miles from the Scottish boarder. It has a population of over 12,000 people.

A high intensity rainfall event happened on the 5th of January 2016 in the area. A large amount of runoff approached the town from farmland to the north, affecting a business and an adjacent dwelling as well as the A1 roundabout, north of the town.

From the same farmland, a culvert runs northwest to southeast into the town. During this event, the culvert was unable to convey the flow, overtopping occurred at the inlet onto the A1157, affecting two dwellings. The culvert also surcharged through manholes which affected a further three more properties.

RMA A	ctions:	
NCC	Exercised: Proposed:	 CCTV survey of the East Hope culvert. Property level resilience grant made available for residents to install defences and make properties more resilient in flooding events. To explore opportunities to improve the condition and performance of the East Hope culvert.
EA		 The Environment Agency has a responsibility for reducing flood risk from main rivers and the sea. However, the EA work with other risk management authority's to support them in bringing forward schemes to reduce flooding from Critical Ordinary Watercourses and Surface Water, where appropriate. The EA offer advice and support on how communities and local residents can reduce the impacts of, and become more resilient to flooding from all sources. For more information on how to reduce the impact of floods, visit http://www.gov.uk/prepare-for-a-flood
NW		 Under the Water Industry Act 1991, Northumbrian Water is responsible for the main sewerage system within Northumberland and their wider area which extends down to Teesside. If you are concerned that there may be a blockage in the public sewer, please call 0845 717 1100 (24 hours).
Other	Exercised: Proposed:	

Additional supporting information



Image 1- Flooding in the Newfields residential area

Sign Off		Date
Drafted by: Lucia Vidal		
Approved by: Aaron McNeill		12/08/2016
RMA Notification: EA	NW Other (please specify)	