

Flood Investigation Report



Waterbeach

1.1 Background

As the Lead Local Flood Authority (LLFA) for Cambridgeshire, it is Cambridgeshire County Council's (CCC) duty to investigate flood incidents as detailed within Section 19 of the Flood and Water Management Act 2010.

Flood and Water Management Act 2010: Section 19 – Local Authorities: Investigations

- 1) On becoming aware of a flood in its area, a lead local flood authority must, to the extent that it considers it necessary or appropriate, investigate -
 - a) which risk management authorities have relevant flood risk management functions, and
 - b) whether each of those risk management authorities has exercised, or is proposing to exercise, those functions in response to the flood.
- 2) Where an authority carries out an investigation under subsection (1) it must -
 - a) publish the results of its investigation, and
 - b) notify any relevant risk management authorities.

CCC carries out flood investigation, in order to comply with current legislation. Unfortunately owing to very limited resources we cannot investigate every incident, and as such we have prioritised investigations.

1.2 Risk Management Authority

The flood investigation reports have been produced in partnership with the relevant Risk Management Authorities (RMA). RMAs are defined by the Flood and Water Management Act 2010, as they have responsibilities for flood risk management. The RMAs have a duty to carry out flood risk management functions in a manner consistent with national and local strategies.

The RMAs in Cambridgeshire are listed below; Table 1 highlights the relevant RMA that will take the lead in managing the risk from various local sources of flooding.

- Anglian Water (AW)
- Environment Agency (EA)
- Internal Drainage Board (IDB)
- City and District Councils (C&DC)
- Highway Authority (HA) part of CCC

The flood investigation reports determine which RMA(s) have exercised their flood risk management functions in response to flooding.

Table 1 Relevant flood Risk Management Authorities that will take the lead in managing the risk from various local sources of flooding.

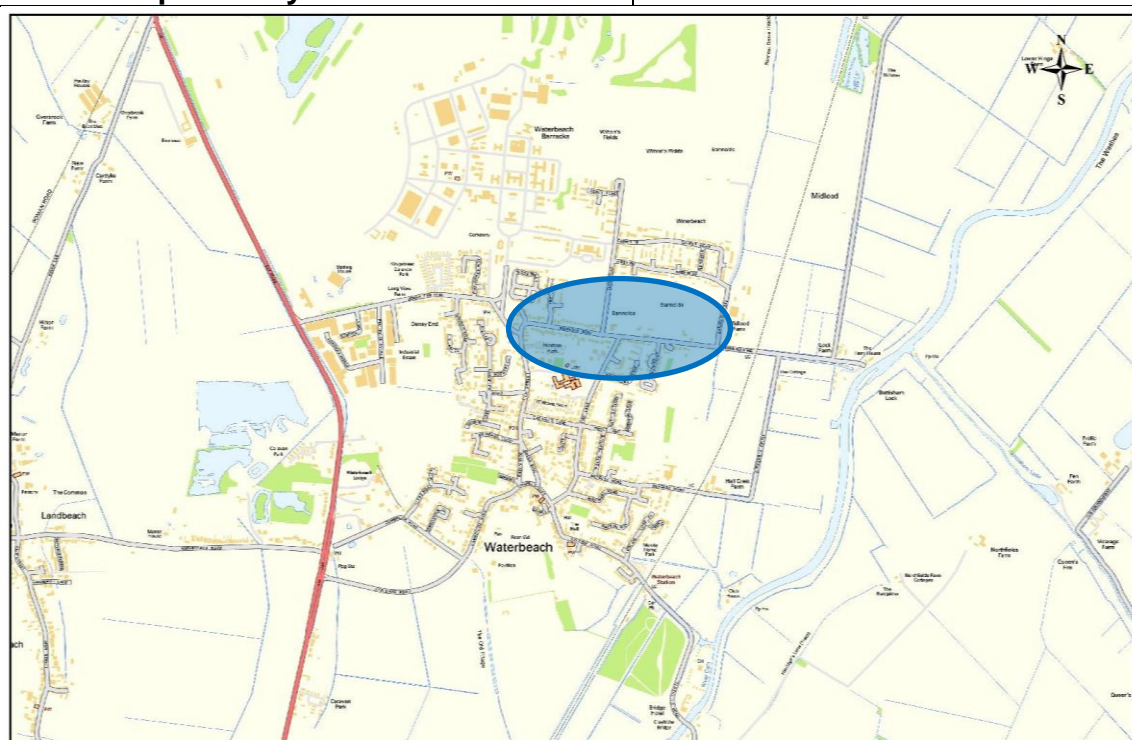
Flood Sources	EA	LLFA	C&DC	AW	HA	IDBs
RIVERS						
Main River	✓					
Ordinary Watercourse		✓				✓
Awarded Watercourse			✓			
Ground Water		✓				
SURFACE RUNOFF						
Surface water		✓				
Surface water originating on the highway					✓	
OTHER						
Sewer flooding				✓		
The Sea, Reservoirs	✓					

Owners of land with a watercourse running through it are termed as ‘riparian owners’ and often have responsibilities to maintain and allow the free flow of water through their land. Further information on riparian owner rights can be found on the [CCC website](#).

Flood Incident, Extent and Impact:

Table 2. Formal Flood Investigation Report

Date of Incident	February and August 2014	Reference Number	FI/14/000012
Location of Incident	Bannold Road, Waterbeach		
Risk Management Authority Reported to	CCC		
Incident Reported by	Fenland District Council		



Scale (at A4): 1:9265 Centred at: 539334,290143 Date: 02/03/2015 By: az302 © Crown copyright and database rights 2015 Ordnance Survey 100023205

Figure 1. Location of flood incident

Note: The above map is indicative and does not represent the true extent of flooding.

Historical Flooding	Unknown		
Source of Flooding	Ordinary watercourse and foul system.	Depth	Unknown
Likely Cause of Incident			
It is believed that flooding in both months occurred because of heavy rainfall causing surface water to run off into the foul sewer system and causing a ditch to block and surcharge.			
Summary of Impact			
Extensive external property flooding			
Action Taken by Relevant Risk Management Authorities			
LLFA	LLFA discovered that responsibility for the ditch maintenance is riparian (a local resident). The resident has been made aware of their responsibility and has been granted permission to improve the drainage on Bannold Road by reconnecting the ditch.		
HA	Highways team have jetted and cleared some of the ditches		
AW	It was reported that sewers overflowed due to sheer volume of water, Anglian Water reported that there was a treatment issue with the pumping station on site; all assets are now reported to be working normally.		
Further solutions			
Property flooding from foul water system should be reported to Anglian Water by calling their 24-hour emergency number 03457 145 145.			
CCC recommends that residents, whose properties have been flooded contact the National Flood Forum for details on how to protect their property.			

Please Note: The actions undertaken, as part of this flood investigation does not preclude the risk of the area flooding in the future. If you live in an area that is at a risk of flooding, CCC would encourage you undertake the action highlighted in the 'Further Solutions' section in Table 2.

Next Steps

The next steps for the LLFA is to ensure the report is forwarded to the RMAs identified in the above table and that these authorities are aware of their flood risk management responsibilities.