

Lead Local Flood Authority
Section 19 (Flood and Water Management Act
2010)
Flood Investigation Report

Report Title:

Hospital Road, Bury St Edmunds

Report Reference(s):

FW2020-0945	

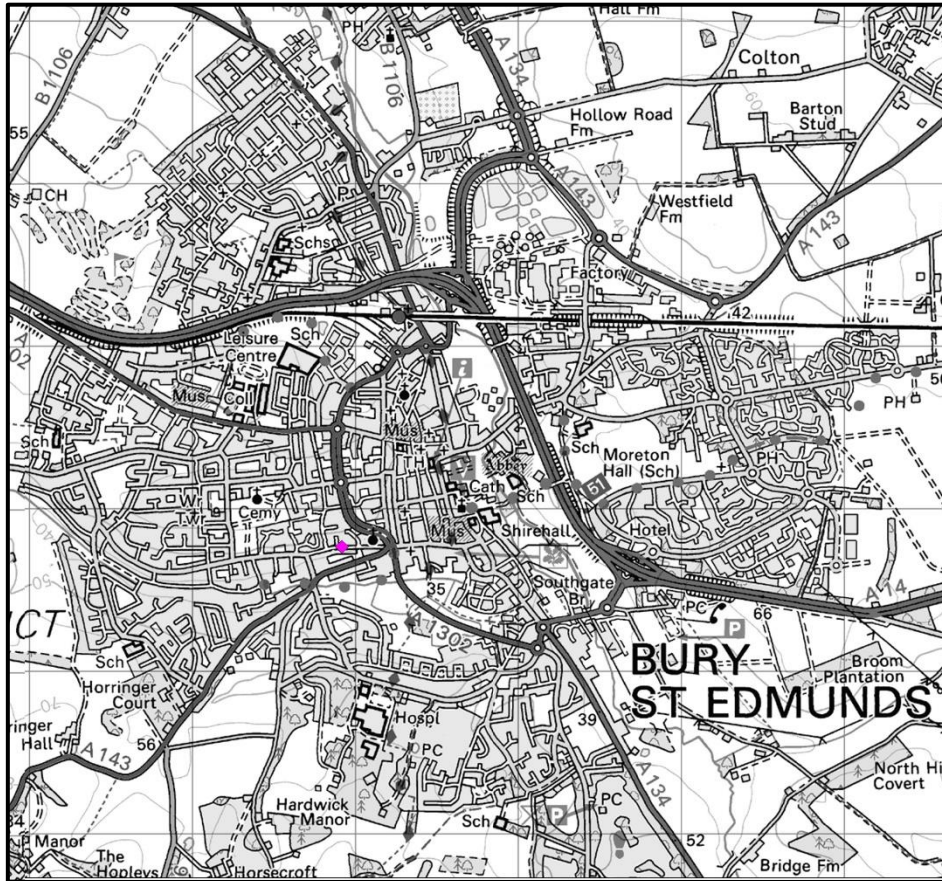
	Name	Date
Lead Officer:	Steven Halls	
Created by:	Steven Halls	20/07/2020
Checked by:	Simon Curl	28/08/2020
RMA Review:	Suffolk County Council	28/08/2020
Approved by:	Simon Curl	25/09/2020
Date Published		25/09/2020

Flood Investigation Report

- 1.0** Suffolk County Council as a Lead Local Flood Authority (LLFA) has determined that in accordance with criteria, it considered it necessary or appropriate to carry out an investigation into this flood event in accordance with Section 19 (1) of the Flood and Water Management Act 2010, and in accordance with Section 19 (2) of the Flood and Water Management Act 2010, to publish the results and notify the relevant risk management authorities (RMAs).
- 2.0 Reference/s:** FW2020-0945
- 2.1 Location:** Hospital Rd, Bury St Edmunds, Suffolk
- 2.2 Flood Event Date:** 17th June 2020
- 2.3 Reported to SCC Date:** 19th June 2020
- 2.4 Investigation Commencement Date:** 20th July 2020
- 2.5 Criteria for investigation:**

Criteria for an investigation (as per Appendix D of the Suffolk Flood Risk Management Strategy):	✓/X
There was a risk to life as a result of flooding?	x
Internal flooding of one property (domestic or business) has been experienced on more than one occasion?	✓
Internal flooding of five properties has been experienced during one single flood incident	x
Where a major transport route was closed for more than 10 hours as a result of flooding	x
Critical infrastructure was affected by flooding	x
There is ambiguity surrounding the source or responsibility of a flood incident	x

Flood Investigation Report



2.6 OS Grid Reference: TL 84918 63762

2.7 Extent of flooding: Surface water ingress (<0.3m) within 1 property.

2.8 Effect of flooding: Internal and external flooding to properties.

2.9 History: Previous flooding event occurred in Oct 2019

2.10 Flooding Source: An intense, localised storm event on the 17th June 2020 caused ponding on private porch and pavement, leading to ingress of water (seepage) into lower living areas of the building below ground level (i.e. cellar and kitchen)

2.11 Causes:

- Camber of footpath and private front porch leads to ponding of rainwater across this area during prolonged or intense storms. Likely that sub-base under porch copes in more frequent storms but once saturated will promote seepage into the fabric of building underneath. Property is very old likely made of porous brickwork allowing to water to follow cracks and conduits before seeping out into lower levels including the kitchen.
- Further inspection of footway shows it is cambered towards property, neighbouring properties benefit from concrete grips cut into footway to allow

Flood Investigation Report

water into highway and then away to be dealt with by highway drainage, this property does not benefit from this. Hence there is a depression in the front porch.

- Stop tap is located in front porch however property has been checked for leaks by Anglian Water and none reported to date.

3.0 Risk Management Authority with Relevant Flood Risk Function

- N/A

3.1 Functions:

- N/A

4.0 Recommendations:

- Homeowner(s) to add additional flood resilience measures to their property i.e. property level resilience (PLR). Suggest lining the front porch with impermeable membrane and checking further private drainage for any leaks. Altering camber could also prevent water ponding in the first place and promote low levels of runoff towards highway drainage.
- Relevant authority to check whether footpath drainage can be cut into footway to allow water to escape onto the highway as per properties next door.

4.1 Recommended Actions:

Action	Responsible Authority	Timescale for response	Latest Progress Update for Actions
Investigate and potentially improve existing footway camber. Install footpath drainage such as a dished channel or ACO MultiDrain.	SCC Highways/ Relevant Authority	6 months	
Advise affected residents of their rights to protect their property. Advise residents of Property Level Resilience measures.	SCC Floods	Completed	Property owner to lay impermeable liner and possibly raise front porch.