

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

**Report Title:**

Quay Street,  
Halesworth,  
Suffolk

**Report Reference:**

FW2018-1699

	<b>Name</b>	<b>Date</b>
<b>Lead Officer:</b>	Matt Williams	
<b>Created by:</b>	Matt Williams	17 <sup>th</sup> October 2018
<b>Checked by:</b>	Matt Hullis	30 <sup>th</sup> November 2018
<b>RMA Review:</b>	Matt Hullis	30 <sup>th</sup> November 2018
<b>Approved by:</b>	Sue Roper	3 <sup>rd</sup> December 2018
<b>Date Published</b>		6 <sup>th</sup> December 2018

**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:** FW2018-1699

**2.1 Location:** Quay Street, Halesworth, Suffolk, IP19 8ET

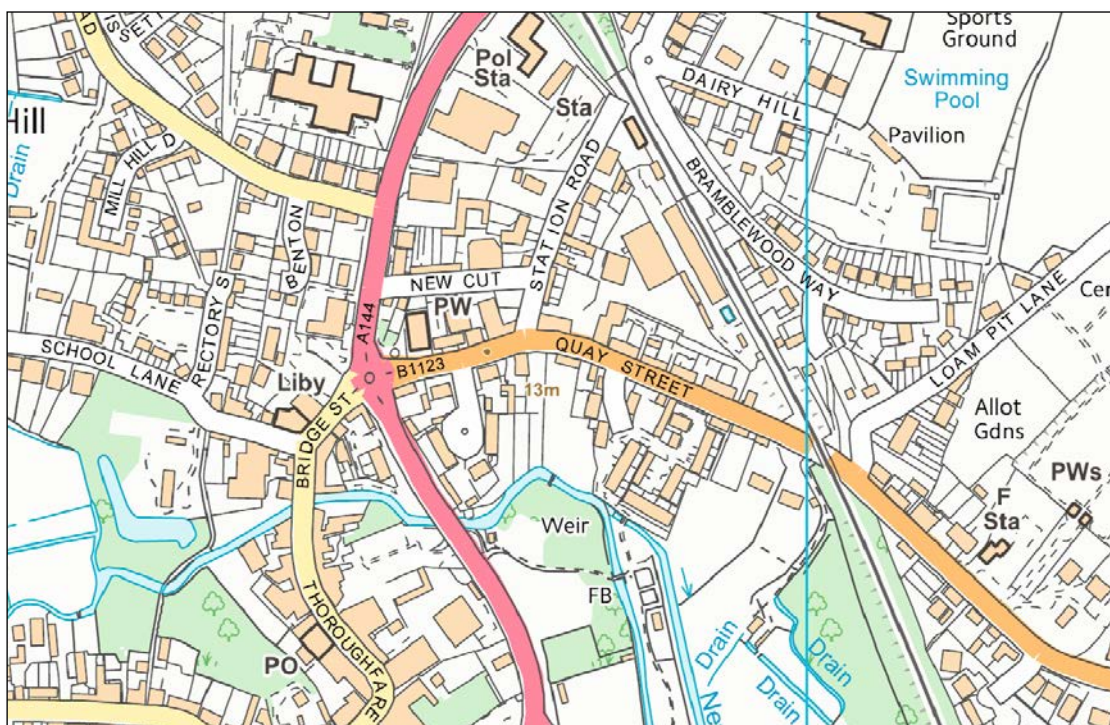
**2.2 Flood Event Date:** 22<sup>nd</sup> January 2018

**2.3 Reported to SCC Date:** 22<sup>nd</sup> January 2018

**2.4 Investigation Commencement Date:** 23<sup>rd</sup> August 2018

**2.5 Criteria for investigation:**

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



#### Area of investigation

- 2.6 OS Grid Reference:** 638841, 277712
- 2.7 Extent of flooding:** Single property flooded internally on multiple occasions resulting in damage to property
- 2.8 Effect of flooding:** Water seeping through brickwork and entering the property with the kitchen being the worst affected area
- 2.9 History:** 14<sup>th</sup> November 2015 & 30<sup>th</sup> December 2017
- 2.10 Flooding source:** Surface water
- 2.11 Potential causes:**
- Significant rainfall events
  - Combined flows from roof area and internal drainage (sinks etc.) overwhelming small yard gully in front of property which may have had a reduced capacity due to blockages/leaf litter
  - Surcharging of gullies on highway

## 2.12 Additional information:

- A recent development nearby (Blyth Mews) was granted planning permission on 16/07/2008 (Ref: DC/06/0076/FUL) to develop 38 properties
- This development had an agreed drainage strategy
- During construction an existing highway surface water pipe was found on site. The developer diverted this and incorporated it into the sites drainage system
- Both the previous and existing highway drainage systems discharged surface water into the Main River (New Reach) south of Blyth Mews
- Both Quay Street and Blyth Mews are within an area identified as being at risk from surface water flooding during the 1:100 pluvial event

## 3.0 Risk Management Authority with Relevant Flood Risk Function

- Suffolk County Council (SCC) – Highway Authority

### 3.1 Functions:

- Suffolk County Council (Public highway maintenance & asset owner)

## 4.0 Recommendations:

- Model the existing highway network with the new development to identify any potential flooded volume at upstream manholes on Quay Street.
- If the modelling identifies flooding on Quay Street, options to improve the highway drainage system should be considered
- Improve domestic water drainage system – roof water and sinks etc.

### 4.1 Recommended Actions:

Action	Responsible Party	Timescale for response	Latest Progress Update for Actions
Investigate and record existing highway drainage network	Suffolk County Council - Highways	N/A	Completed
Model existing highway network	Developer	ASAP	
Investigate options to improve domestic drainage	Homeowner	ASAP	
Improve highway drainage system	Suffolk County Council - Highways	If modelling identifies the need	