

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

**Report Title:**

Bergholt Road,  
Brantham,  
Suffolk

**Report Reference(s):**

FW2016-2002

	<b>Name</b>	<b>Date</b>
<b>Lead Officer:</b>	J. Skilton	
<b>Created by:</b>	J. Skilton	16 <sup>th</sup> January 2017
<b>Checked by:</b>	Matt Hullis	10 <sup>th</sup> March 2017
<b>RMA Review:</b>	Matt Hullis	10 <sup>th</sup> March 2017
<b>Approved by:</b>	Sue Roper	20 <sup>th</sup> April 2017
<b>Date Published</b>		24 <sup>th</sup> April 2017

**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:** FW2016-2002

**2.1 Location:** Bergholt Rd, Brantham, Suffolk, CO11 1RA

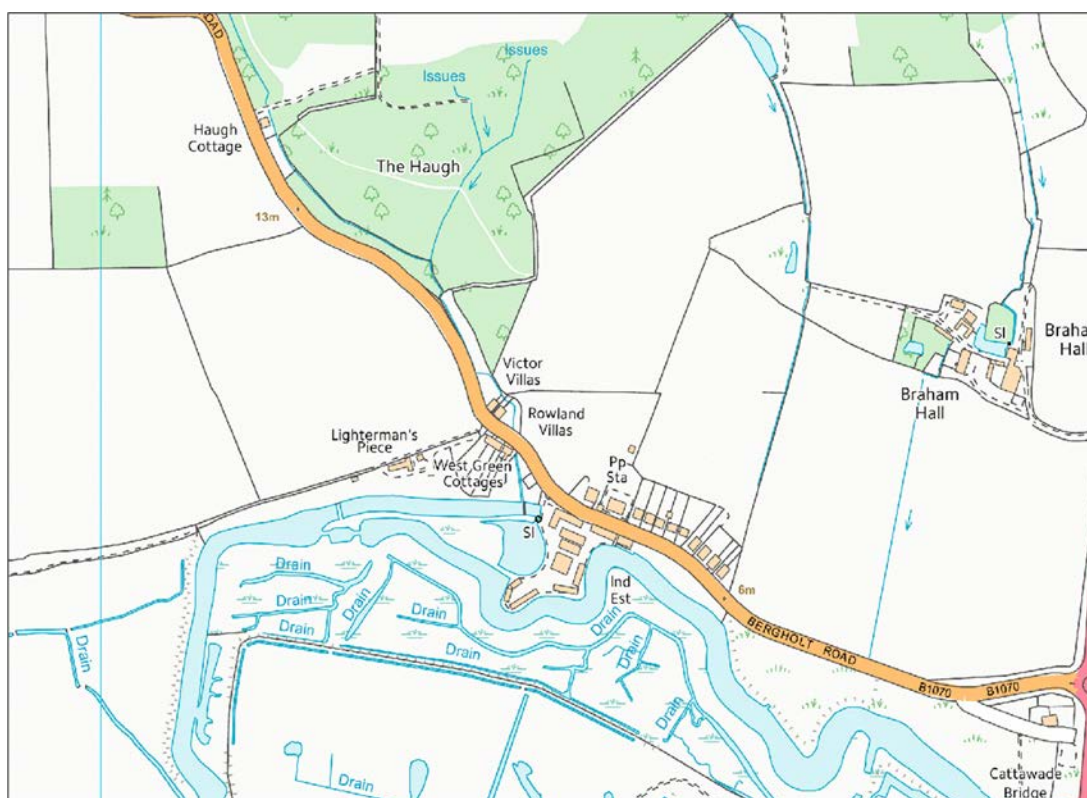
**2.2 Flood Event Date:** 23<sup>rd</sup> June 2016

**2.3 Reported to SCC Date:** 29<sup>th</sup> July 2016

**2.4 Investigation Commencement Date:** 14<sup>th</sup> December 2016

**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?	X
<b>Internal flooding of one property (domestic or business) has been experienced on more than one occasion?</b>	✓
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



*(Investigation area map)*

- 2.6 OS Grid Reference:** 609442, 233487
- 2.7 Extent of flooding:** Two properties flooded internally on multiple occasion resulting in damage to property and its contents.
- 2.8 Effect of flooding:** Flooding of worst affected property was to a depth of 75-100mm, resulting on resident moving out for 6 months. Also flooding to gardens and the public highway.
- 2.9 History:** February 2001 & August 1986
- 2.10 Flooding Source:** Surface water due to significant rainfall event (62 mm in 8 hrs – closest rain gauge was 6.2km from flood location)
- 2.11 Likely Causes:**
- Significant rainfall event
  - Blockage in culverted section, due to partial collapse
  - Surge of culverted section

## 2.12 Additional Information:

- The flooded properties are located in existing, mapped pluvial flood risk areas.
- Properties were built in 1896.

## 3.0 Risk Management Authority with Relevant Flood Risk Function

- Suffolk County Council (Highways)

## 3.1 Functions:

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

## 4.0 Recommendations:

- Property level protection
- Repair culvert

## 4.1 Recommended Actions:

Action	Responsible Authority	Timescale for response	Latest Progress Update for Actions
CCTV of piped section of watercourse	Suffolk County Council	Feb 2017	CCTV completed 14/02/2017
Investigate ownership of culvert under highway	Suffolk County Council	Feb 2017	Completed Feb 2017 – ownership not established.
Excavate and repair culvert under highway to outfall.	Unknown	Not determined	SCC Would intervene if highway affected
Property level protection to be installed at affected properties	Home-owner	Not determined	N/A