

# Flood Investigation Report

Upon learning of the following flood event, Suffolk County Council determined it was necessary to carry out an investigation under Section 19 (1) of the Flood and Water Management Act in order to determine which risk management authorities had relevant flood risk management functions and whether each of those risk management authorities has exercised or is proposing to exercise those functions in response to the flood. In accordance with Section 19 (2) of the Flood and Water Management Act this report details the results of the investigation.

**Reference/s:** FW2014-0378 to 382 & 0401 to 0408 & 0414

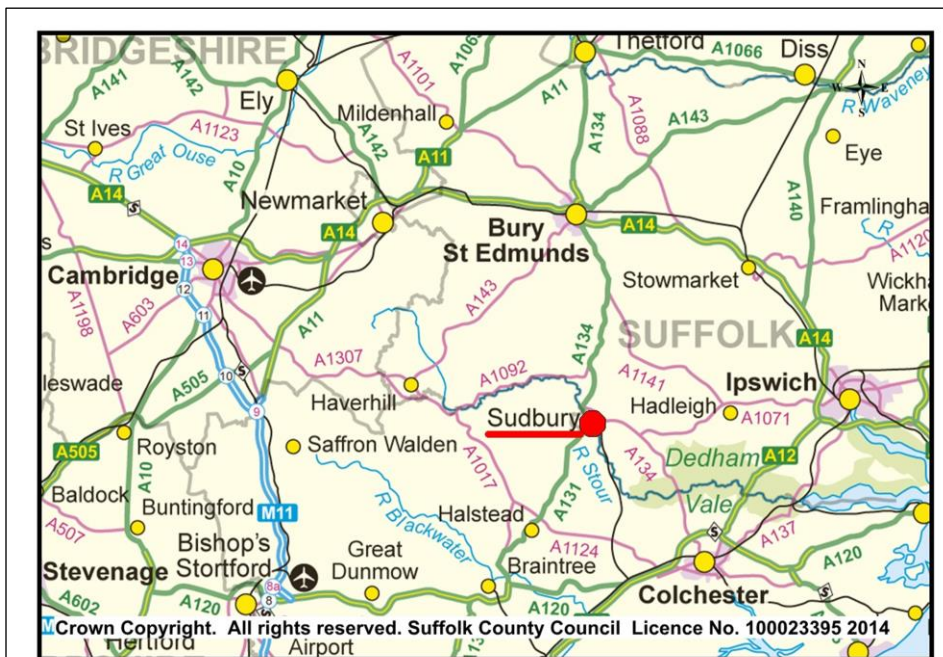
**Location:** East Street & Elisabeth Court, Sudbury, Suffolk CO10

**Flood Event Date:** 28 June 2014

**Reported to SCC Date:** 28 June 2014

**Investigation Commencement Date:** 30 June 2014

**Reason for investigation:** Properties flooded



*Investigation area map*

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**OS Grid Reference: 587,62 & 241,60**

**Extent of flooding:** Fourteen domestic properties with internal flooding of main living, garages, and gardens.

**Effect of flooding:** Domestic properties affected,

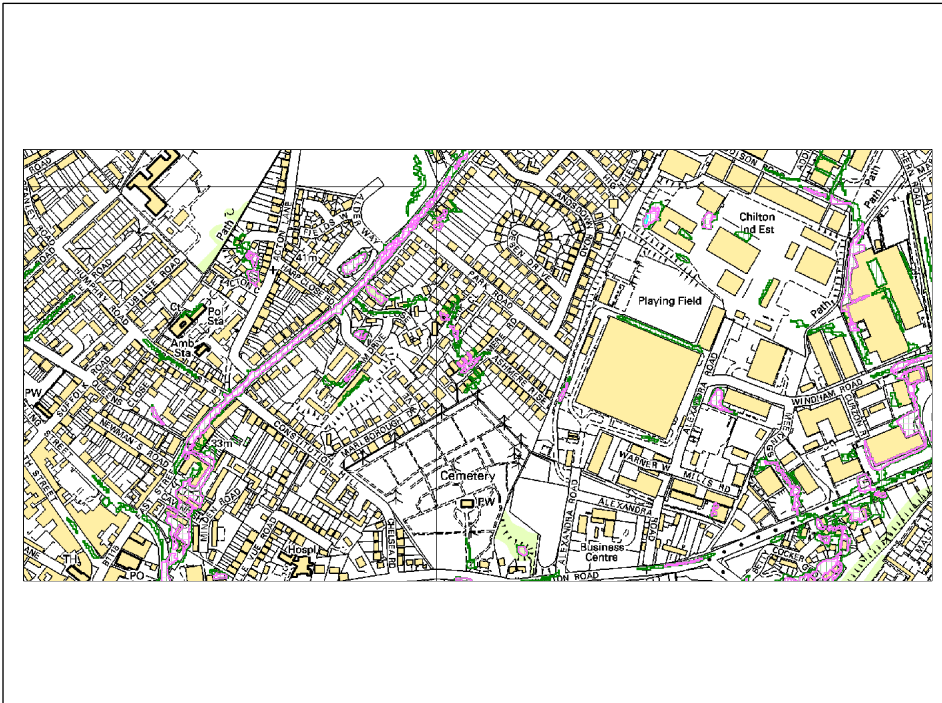
**History:** Locals claim East Street has flooded previously.

**Causes:**

- Possible exceedance of design capacity of surface water drainage system
- SCC Highway drainage
- Anglian Water surface water
- Prolonged period of heavy rain
- Large catchment to drain
- Rain water from properties is discharged onto pavement from a large number of properties in East Street and adjoining roads

**Additional Information:**

The area of East Street is listed on the pluvial flood maps as being at risk during a 1:30 and 1:100 year rainfall events.



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## Risk Management Authority with Relevant Flood Risk Functions:

- Anglian Water (*Surface water drainage* maintenance & asset owner)
- Suffolk County Council (Public highway maintenance & asset owner)

## Recommendations:

1. Maintenance schedule highway drainage to be reviewed
2. Highway surface water drainage system design to be reviewed and additional gullies considered
3. Confirmation from Anglian Water on the capacity of their surface water system in East Street
4. Property level protection to be considered by residents

## Actions:

Action	Responsible Authority	Timescale for response
Capacity of AW surface water to be advised	Anglian Water	28 November 2014
Road gullies to be cleared	Suffolk County Council	Completed
Map of East Street highway drainage to be produce, providing location, type and capacity.	Suffolk County Council	28 November 2014
Review of current maintenance schedule (every 9 months) for East Street to be looked into.	Suffolk County Council	28 November 2014

	Name	Date
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<b>Checked by:</b>	Jeff Horner	18 August 2014
<b>RMA Review</b>	Anglian Water & Suffolk County Council	29 September 2014
<b>Approved by:</b>	Jeff Horner	29 September
<b>Published Date</b>		

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