

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

Report Title:

Alde Lane,
Aldeburgh,
Suffolk

Report Reference:

FW2019-1059

	Name	Date
Lead Officer:	Ellie Beecroft	
Created by:	Ellie Beecroft	November 2019
Checked by:	Simon Curl	November 2019
RMA Review:		December 2019
Approved by:	Matt Hullis	January 2020
Date Published		13 th January 2020

1.0 Suffolk County Council (SCC) 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: FW2019-1059

2.1 Location: Alde Lane, Aldeburgh, Suffolk, IP15 5DZ

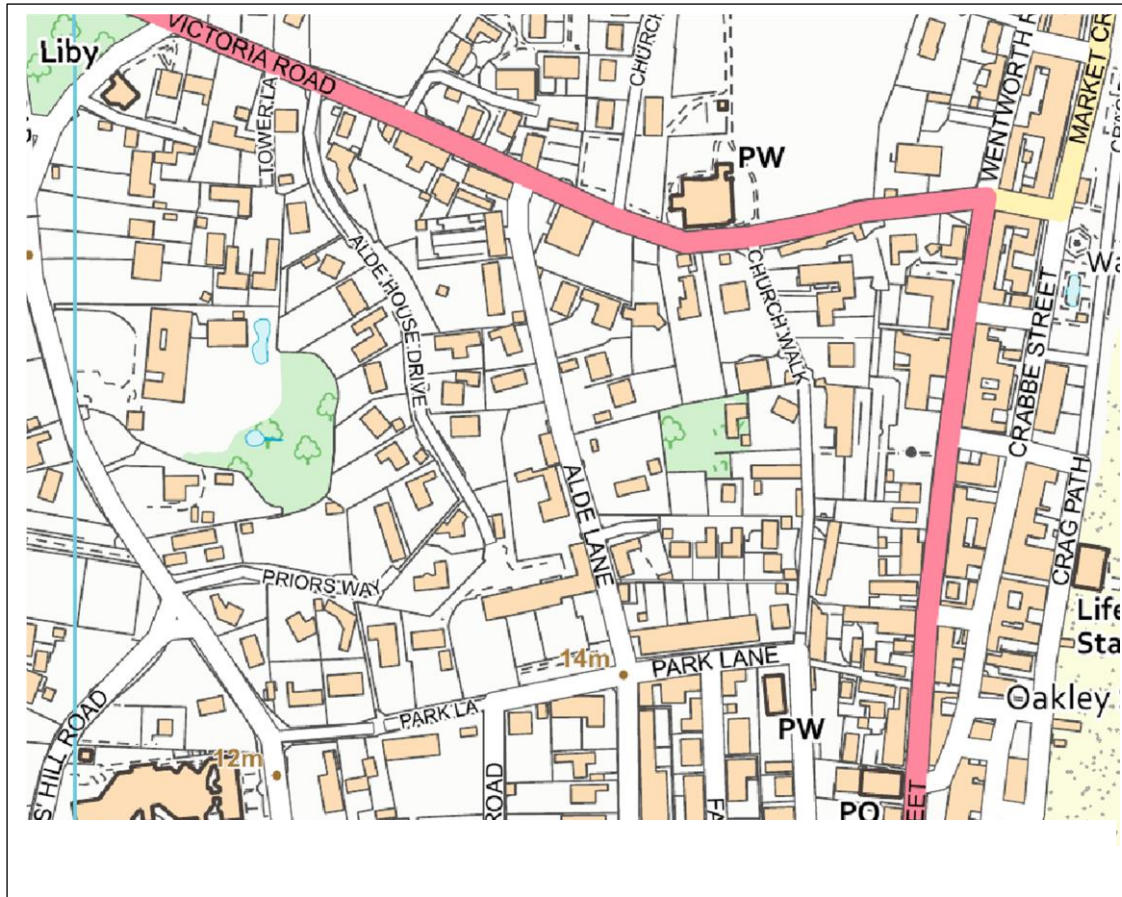
2.2 Flood Event Date: 06/10/2019

2.3 Reported to SCC Date: 07/10/2019

2.4 Investigation Commencement Date: 07/10/2019

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	✓



- 2.6 OS Grid Reference:** 64626 25671
- 2.7 Extent of flooding:** Single property flooding internally on multiple occasions resulting in damage to property.
- 2.8 Effect of flooding:** Water seeping through multiple entrances at rear of property. Ground floor of property flooded.
- 2.9 History:** 10th July 2017 & 6th October 2019 – The 2017 event saw water enter property from toilet rather than private foul manhole in rear garden. Damage was isolated to the internal property during the 2017 event but saw damage to both the internal and external property in 2019.
- 2.10 Flooding Source:** Surface Water overflowed from private foul manhole in rear garden and entered property.
- 2.11 Potential Causes:**
- Significant rainfall event
 - Anglian Water's foul sewer may have become blocked or overwhelmed causing connecting systems to surcharge.

- Highway drainage and customers private foul system may be connected causing surface water from highway to enter property.
- Private foul network may be the low point in the system and be initial route for water to surcharge.

2.12 Additional Information:

- Drainage layout plan from architect confirmed private foul system affected not surface water system.
- Nearest rain gauge (Thorpeness) recorded 51mm of rainfall over 4.5hrs, equating to a 1:40yr storm.
- Foul water flooding was not recorded. Debris from highway visible in rear garden.

3.0 Risk Management Authority with Relevant Flood Risk Function

- Suffolk County Council
- Anglian Water Services

3.1 Functions:

- Suffolk County Council (Public highway maintenance & asset owner)
- Anglian Water Services (Sewer maintenance & asset owner)

4.0 Recommendations:

- Suffolk County Council highways authority to investigate where highway drainage discharges to, this is suspected to be AWS combined system.
- Anglian Water to investigate foul sewer in Alde Lane and establish whether system is in fact a combined system, is blocked or has insufficient capacity.

4.1 Recommended Actions:

Action	Responsible Authority	Timescale for response	Latest Progress Update for Actions
Determine outfall location of highway gullies.	SCC Highways Authority	January 2020	Gullies outfall into AWS sewer: <ul style="list-style-type: none"> - SCC Highways Authority survey queries capacity in AWS system. - SCC Highways unable to survey part of system due to sections being full of water - Query blockage in AWS system.

Investigate/model foul sewer system and identify if it has capacity.	Anglian Water Services	June 2020	Comments provided regarding possible blockage in system. Action remains outstanding.
Investigate possibility of non-return valve on private foul drainage.	Anglian Water Services/Homeowner	June 2020	No acknowledgement of the need for this action by AWS. Action remains outstanding.
Site meeting between Risk Management Authorities to confirm outcomes of actions and establish way forward.	SCC Highways Authority and Anglian Water Services	June 2020	