

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

Report Title:

Moverley Way,
Aldeburgh,
Suffolk

Report Reference:

FW2019-1248

	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/s: FW2019-1248

2.1 Location: Moverley Way, Aldeburgh, Suffolk, IP15 5LQ

2.2 Flood Event Date: 06/10/2019

2.3 Reported to SCC Date: 18/10/2019

2.4 Investigation Commencement Date: 21/10/2019

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	X



2.6 OS Grid Reference: 64610 25724

2.7 Extent of flooding: Single property flooding internally on multiple occasions resulting in damage to property.

2.8 Effect of flooding: Internal and external flooding to property. Ground floor of property flooded by approximately 125mm-150mm.

2.9 History: 10th July 2017 and 6th October 2019 – Both events caused similar internal and external damage to property.

2.10 Flooding Source: Surface Water

2.11 Potential Causes:

- Significant rainfall event
- Existing road drainage in Moverely Way exceeded capacity due to the high intensity of runoff over the road catchment:
 - a) Insufficient capacity in the existing highway system to dispose of surface water in these types of events and/or
 - b) Anglian Water's surface water sewer exceeded its capacity causing connecting systems to surcharge.

- The presence of a bund to the north of Moverley Way contributed to the accumulation of surface water in a confined area resulting in an isolated area of deep water. If bund was not present, surface water may have dispersed over a larger area resulting in a shallower depth of water.

2.12 Additional Information:

- The end of Moverley Way is within an area identified as being at risk from surface water flooding during the 1:30 and 1:100 pluvial event.
- Nearest rain gauge (Thorpeness) recorded 51mm of rainfall over 4.5hrs, equating to a 1:40yr storm
- Highway drainage discharges to Anglian Water Surface Water sewer.

3.0 Risk Management Authority with Relevant Flood Risk Function

- Suffolk County Council
- Anglian Water Services

3.1 Functions:

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

4.0 Recommendations:

- Suffolk County Council highways authority to inspect and clear highway drainage (gully and connections) and consider increase of drainage in low spot.
- Anglian Water to investigate surface water sewer in Moverley Way and establish whether system has adequate capacity.
- Homeowner(s) to explore the addition of flood resilience measures to their properties i.e. property level resilience (PLR).

4.1 Recommended Actions:

Action	Responsible Authority	Timescale for response	Latest Progress Update for Actions
Investigate, maintain and potentially improve road drainage in effected area	SCC Highways Authority	June 2020	Comments provided but action remains outstanding.
Investigate/model SW system and identity if it has capacity.	Anglian Water	June 2020	No acknowledgement of the need for this action by AWS. Action remains outstanding.

Advise residents of Property Level Resilience measures.	SCC Lead Local Flood Authority	January 2020	
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