

Section 19 Flood and Water Management Act 2010

Report Title: Langer Road, Felixstowe, Suffolk

Report Reference(s): CRN 00326075,

00325793, 00326892, 00326688, 00325794, 00325728, 00325711



| | Name | Date |
|-----------------------------|-------------|------------------------------|
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| Responsible Officer: | J Skilton | |
| Checked by: | Simon Curl | July 2021 |
| RMA Review: | | September 2021 |
| Approved by: | Matt Hullis | September 2021 |
| Date Published | | 4 th October 2021 |
| Actions Updated | | August 2022 |

Introduction

Suffolk County Council, Lead Local Flood Authority (LLFA) has determined that in accordance with our criteria, it is considered necessary and appropriate to carry out an investigation into this flood event.

This is 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).

Section 19 Local authorities: investigations

(1) On becoming aware of a flood in its area, a lead local flood authority must, to the extent that it considers it necessary or appropriate, investigate—

(a) which risk management authorities have relevant flood risk management functions, and

(b) whether each of those risk management authorities has exercised, or is proposing to exercise, those functions in response to the flood.

(2) Where an authority carries out an investigation under subsection (1) it must—

(a) publish the results of its investigation, and

(b) notify any relevant risk management authorities

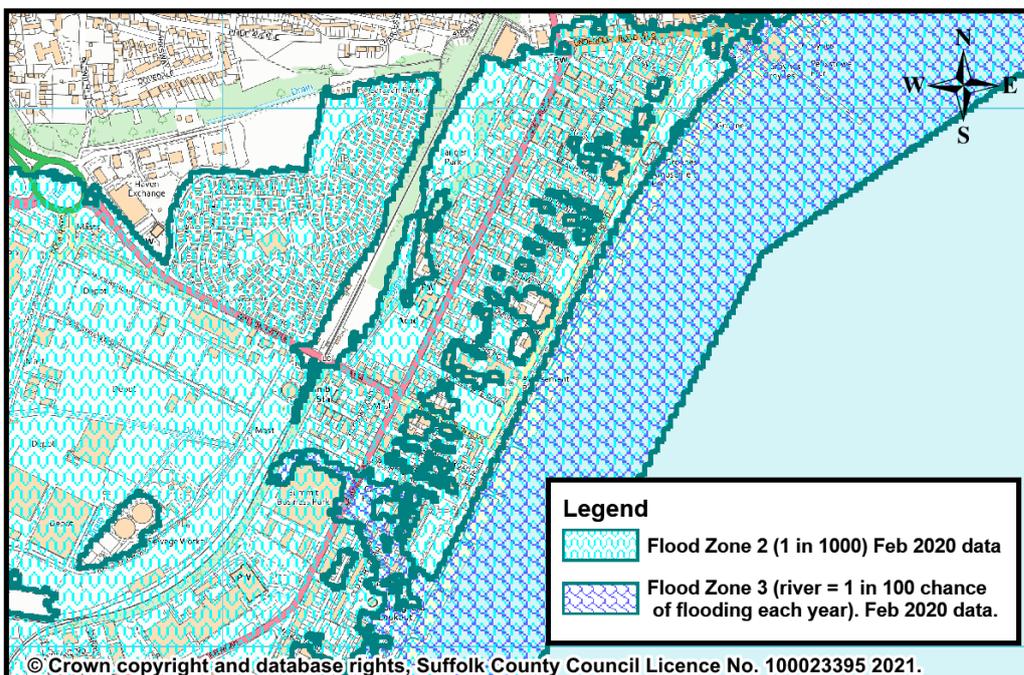
| | |
|----------------------------------------------------------------------------------------------------------|---|
| Criteria for an investigation (as per Appendix D of the Suffolk Flood Risk Management Strategy): | ✓ |
| There was a risk to life because of flooding? | |
| Internal flooding of one 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 | ✓ |
| Where a major transport route was closed for more than 10 hours because of flooding | |
| Critical infrastructure was affected by flooding | |
| There is ambiguity surrounding the source or responsibility of a flood incident | |

3. Effects of flood event e.g., internal flooding of main living area, flood of road etc

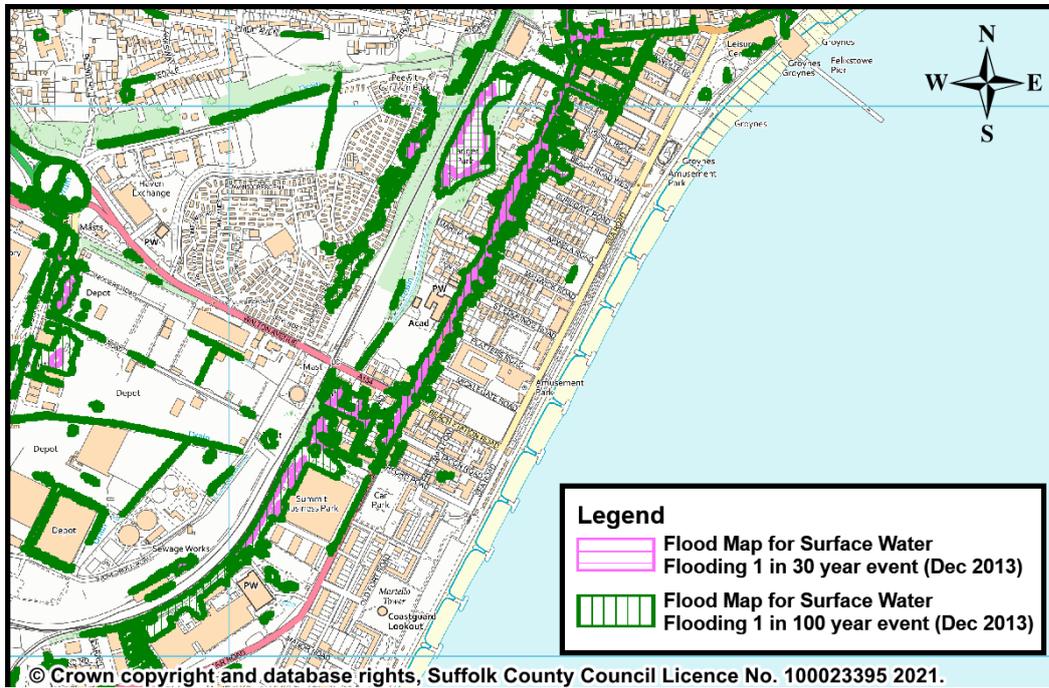
- 3.1 Internal flooding of 6 properties
- 3.2 Flooding of gardens
- 3.3 Flooding of public open space (Langer Park)
- 3.4 Flooding of the public highway
- 3.5 Ingress into the public foul water sewer

4. Predicted Flood Risk

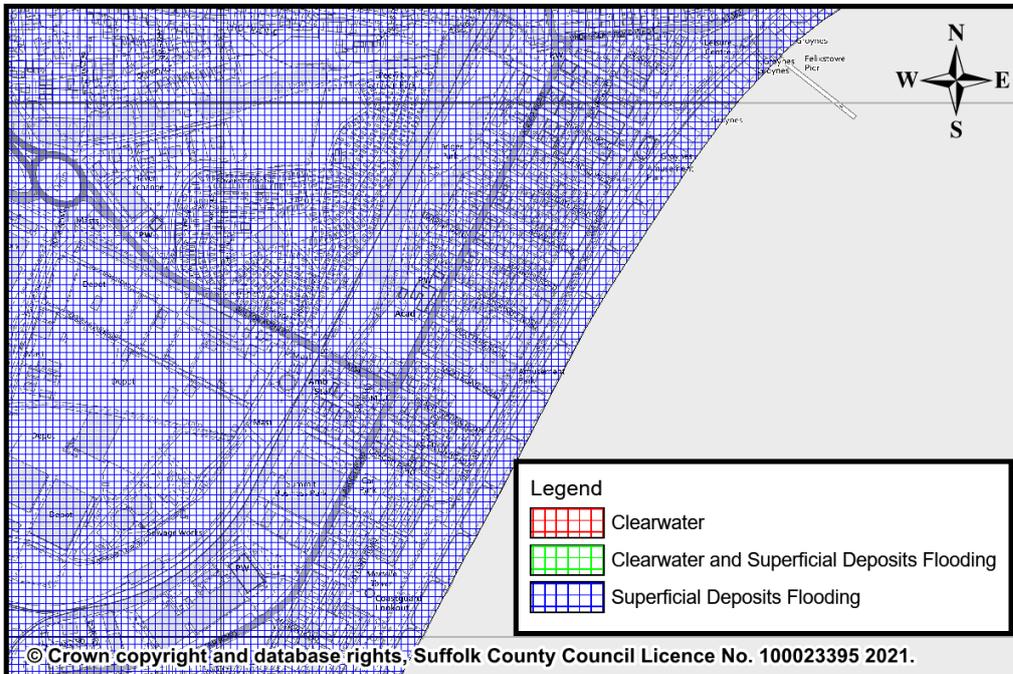
4.1 River & Coastal Predicted Flood Risk



4.2 Surface Water Predicted Flood Risk



4.3 Groundwater Predicted Flood Risk



5. Flooding Source(s) & Likely cause(s):

Sources

- Ground water
- Surface water

Likely causes

- Significant rainfall event
28mm in 90 mins, (5-year return period), peak was 21.6mm in 15 minutes, (93-year return period)
- Capacity of surface water drainage system
- Wash from vehicles driving through flood water
- Blocked surface water drainage assets

6. Photo(s) of flooding



7. Risk Management Authorities, Non Risk Management Authority and flood risk function(s)

| Risk Management Authority | Relevant Flood Risk Function(s) |
|----------------------------------|--------------------------------------------------------------|
| Suffolk County Council (SCC) | Lead local Flood Authority, Highways Authority & Asset Owner |

| | |
|--------------------------------------|----------------------------------------|
| Anglian Water (AW) | Asset Owner |
| East Suffolk Council (ESC) | Local Planning Authority & Asset Owner |
| | |
| Non Risk Management Authority | Relevant Flood Risk Function(s) |
| Homeowners | Duty to protect property |

8. LLFA Recommended Action(s):

| Action | Risk Management Authority | Timescale for response | Latest Progress Update for Actions April 2022 |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| To review the hydraulic capacity of surface water drainage system that drains the Langer Rd area. | SCC, AW, ESDC | 12 Months | Underway |
| Stakeholder meeting with Residents and support for any community flood group that forms. | SCC, AW, ESC | 3 months | Completed with additional update meeting in April 2022 |
| Review the potential to close Langer Rd to traffic during future storm events. | SCC Highways | 3 months | Road closure not possible, but SCC Highways agreed in principle to permanent “flip-down” warning signs – these would need to be funded and managed locally. Residents group to meet with Town Council to discuss proposal. |
| Develop a plan to offer property level mitigation measures to properties at risk who have not already had them fitted. | SCC, Lead Local Flood Authority | 6 months | SCC LLFA to collect contact details of residents of at risk property. Potential to add to ongoing resilience projects over the next 24 months where funding allows. |
| Agree a maintenance plan for the Highway drainage network on Langer Road and adjoining side streets | SCC Highways | 1 month | Plan in place – 12-month gulley clean schedule underway, latest clean was early April 2022 – of 107 gullies visited only 9 were not accessible due to “car-overs”, these will be returned to. |
| Agree and implement a maintenance plan for the associated | AW | 1 month | Plan in place – regular check and clear visits by AW staff. |

| | | | |
|--------------------------------------------------------------------------------------------------------|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| grates (Walton Creek) within Langer Park | | | |
| Agree and implement a maintenance plan for the open drainage channel (Walton Creek) within Langer Park | ESC | 1 month | Maintenance plan written, costing being undertaken for major channel clearance in late summer 2022, followed by 3-year cycle of future clearance of channel vegetation. |

9. Review of Actions

This report will be reviewed and updated every 6 months until actions are marked as complete

| Reviewer | Date of Review |
|-------------|--------------------------------|
| J. Skilton | 18 th November 2021 |
| Matt Hullis | 25 th April 2022 |
| | |

Disclaimer

This report has been prepared and published as part of Suffolk County Council's responsibilities under Section 19 of the Flood and Water Management Act 2010. It is intended to provide context and information to support the delivery of the local flood risk management strategy and should not be used for any other purpose.

The findings of the report are based on a subjective assessment of the information available by those undertaking the investigation and therefore while all reasonable efforts have been made to gather and verify such information may not include all relevant information. As such it should not be considered as a definitive assessment of all factors that may have triggered or contributed to the flood event.

The opinions, conclusions and recommendations in this Report are based on assumptions made by Suffolk County Council when preparing this report, including, but not limited to those key assumptions noted in the Report, including reliance on information provided by third parties.

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The implications for producing Flood Investigation Reports and any consequences of blight have been considered. The process of gaining insurance for a property and/or purchasing/selling a property and any flooding issues identified are considered a separate and legally binding process placed upon property owners and this is independent of and does not relate to Suffolk County Council highlighting flooding to properties at a street level. Property owners and prospective purchasers or occupiers of property are advised to seek and rely on their own surveys and reports regarding any specific risk to any identified area of land.

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