



Flooding HOTSPOTS

**There are three
identified locations...**



Flooding Matters in the Parish - 25th November 2021



Identified Flooding Hotspots within the Parish of Copythorne



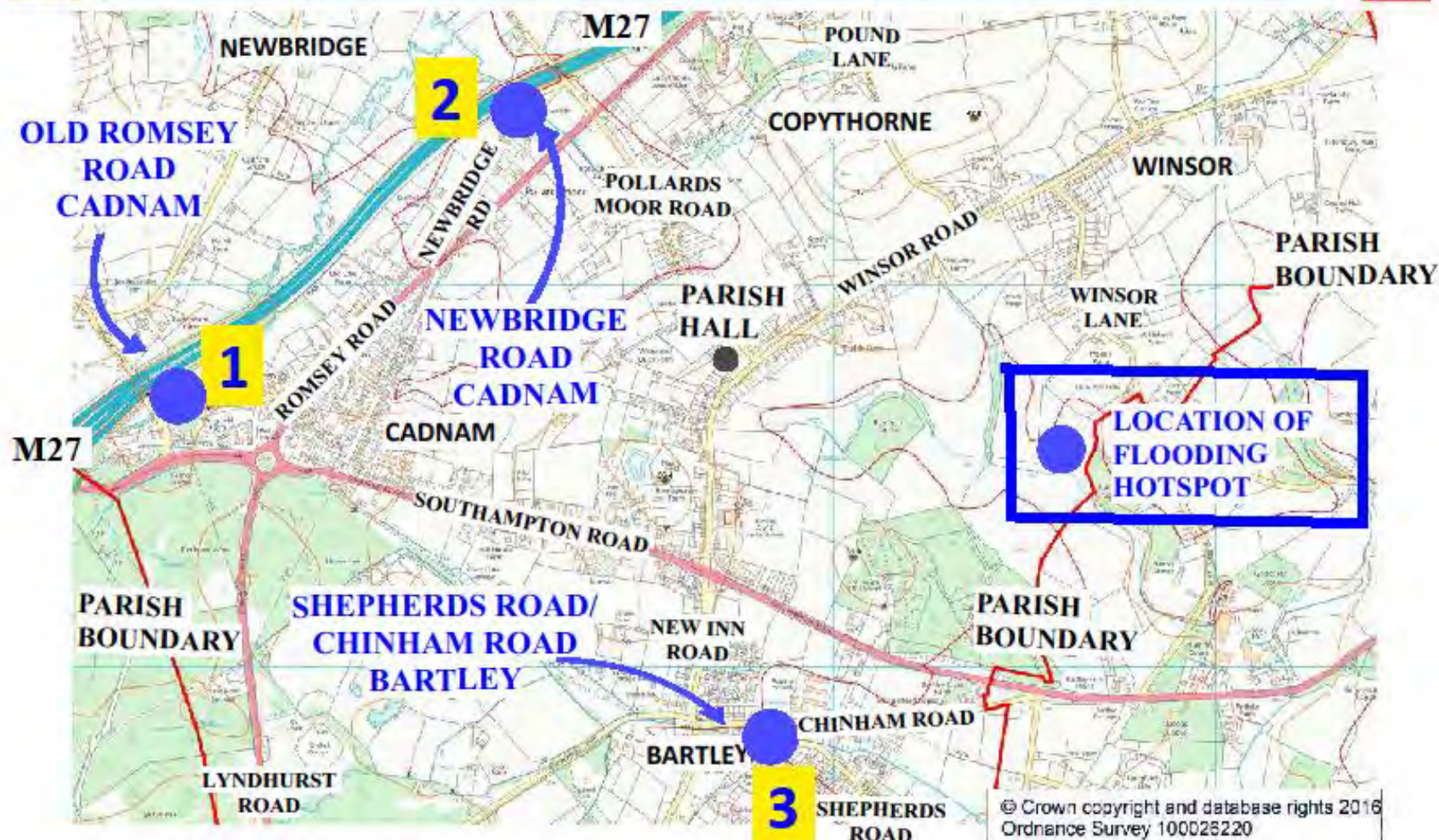
1 CADNAM: Old Romsey Road due to the capacity of the culvert where the Cadnam River passes under Cadnam Lane just before the lane goes under the M27 motorway.

2 CADNAM: Newbridge Road due to the capacity of the culvert where a tributary of the Cadnam River passes under the M27 motorway. This also impacts Romsey Road and Pollards Moor Road.

3 BARTLEY: Shepherds Road/Chinham Road due to the capacity of the culvert where Bartley Water passes under Shepherds Road. This also impacts on Riverside Close, Bartley.



Flooding Matters in the Parish - 25th November 2021

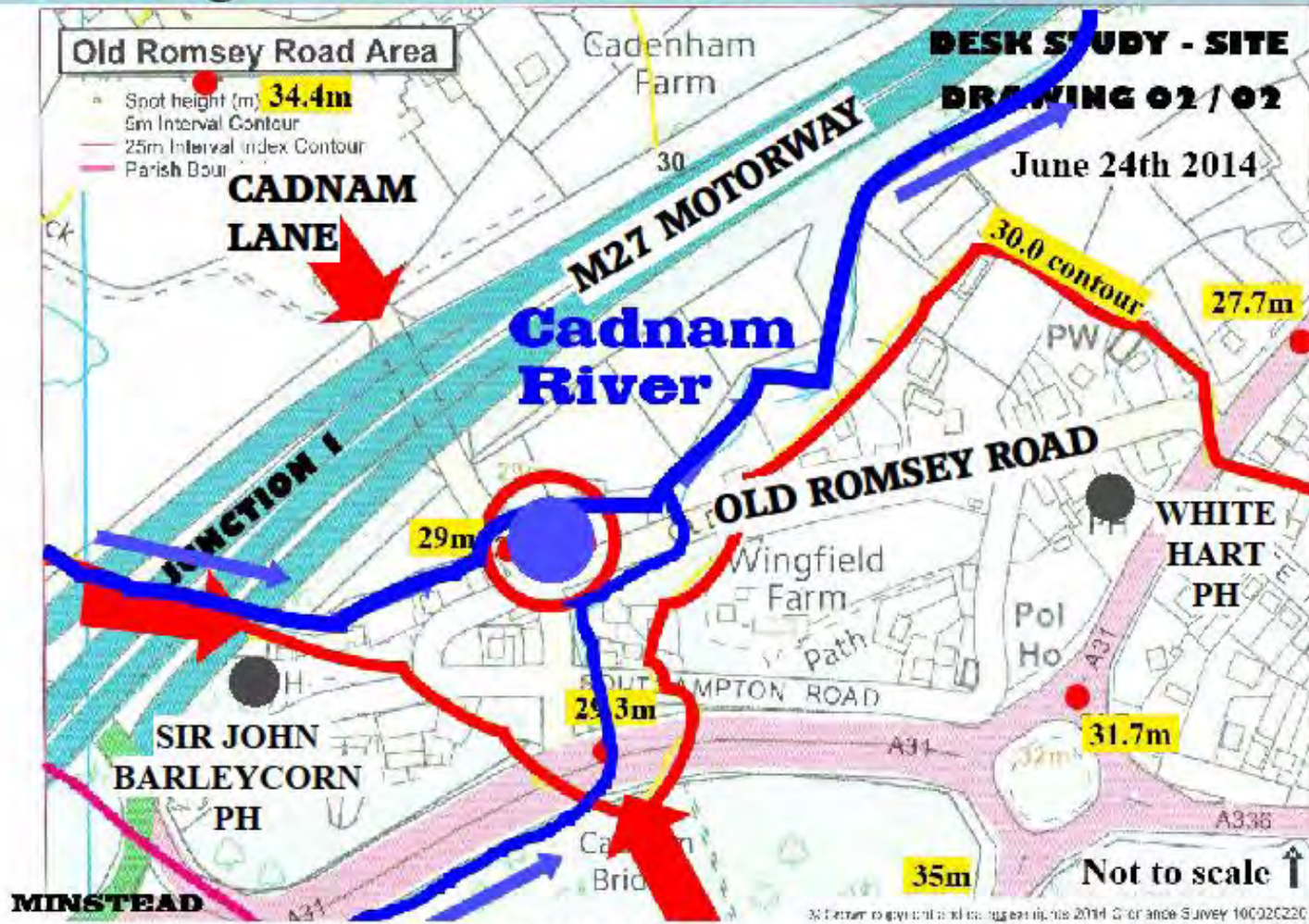


Flooding Hotspots - Locations

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Flooding Hotspots 1 - Old Romsey Road, CADNAM

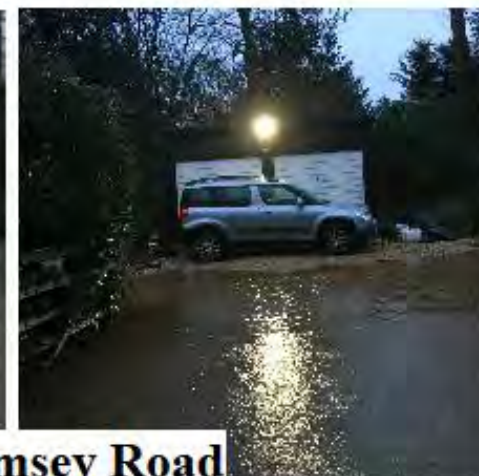
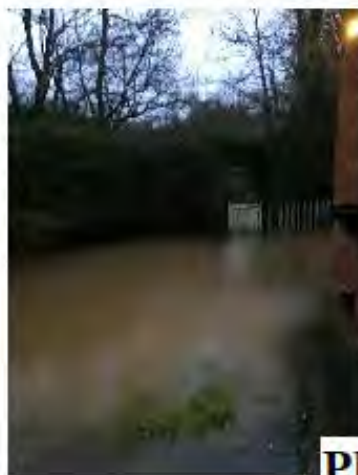
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Flooding Matters in the Parish - 25th November 2021



Photos taken in January 2014 in Cadnam Lane



Photos taken in January 2020 in Old Romsey Road

Flooding Hotspot 1 - Old Romsey Road, CADNAM



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Flooding Hotspot - Old Romsey Road, Cadnam - SUMMARY

Properties flooded internally in Winter of 2000 -2001

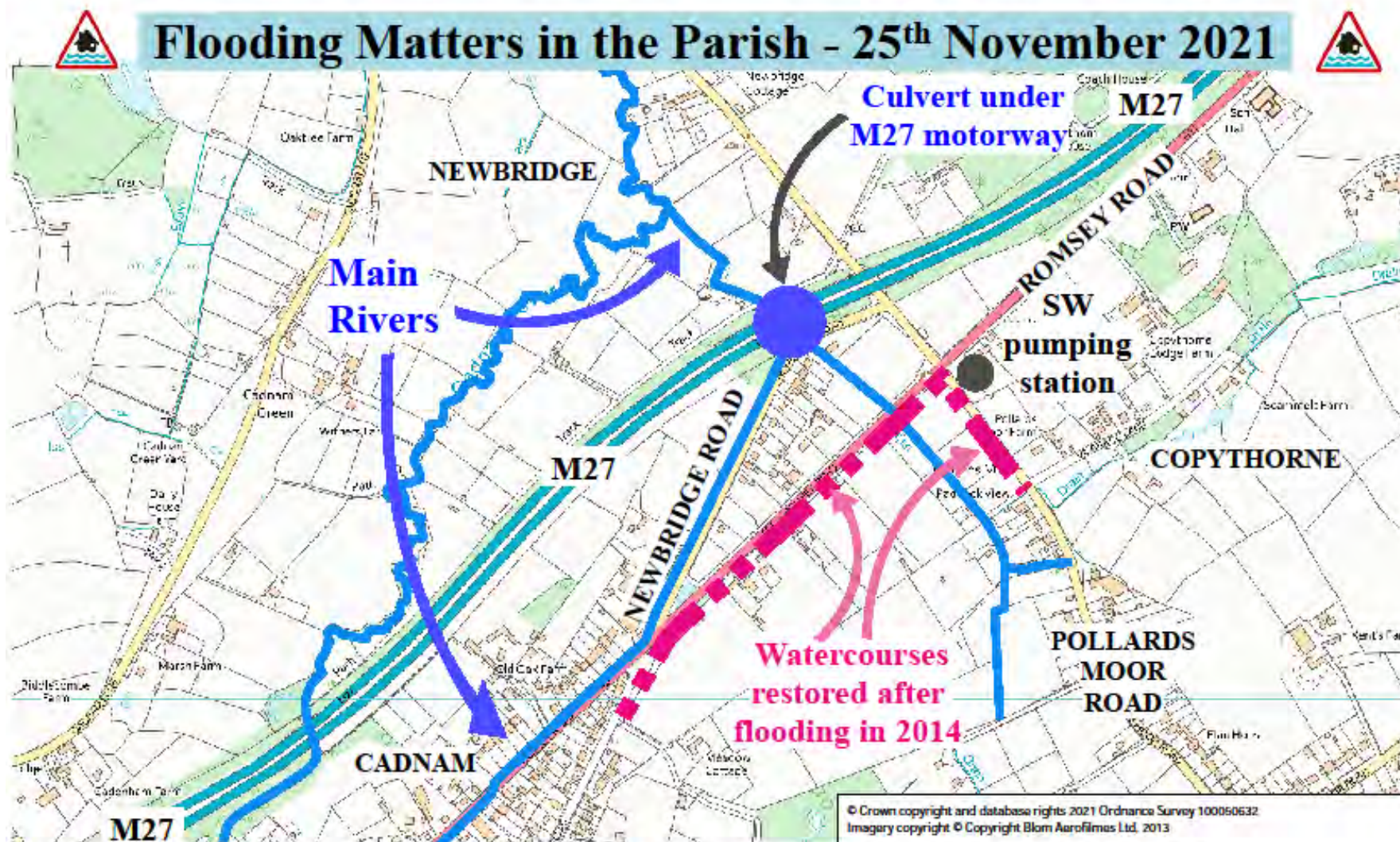
EA/Halcrow report stated:

Three properties in Cadnam (*Property names redacted*) suffered external flooding during the winter of 2000 – 2001. Road flooding was also experienced in this area. These properties have a history of flooding and are being investigated by the Agency and are not covered further here.

Properties flooded internally in Winter of 2013 -2014

Three properties were awarded Government flood resilience grants

**The Council continues to work with the
Environment Agency.**



Flooding Hotspot 2 - Newbridge Road, CADNAM



Flooding Matters in the Parish - 25th November 2021



Photos taken in November 2014 after “remedial” watercourse works

Flooding Hotspots - Newbridge Road, CADNAM - Photos



Flooding Matters in the Parish - 25th November 2021



Flooding Hotspot - Newbridge Road, Cadnam - SUMMARY

Properties flooded internally in Winter of 2000 - 2001 **Environment Agency report stated:**

“...properties suffered internal flooding 2000 - 01, ... 7 in Cadnam and one each in Copythorne and Winsor. Properties in Bartley and Winsor were also affected by foul sewage flooding.”

Four properties in this local catchment were flooded

Properties flooded internally in Winter of 2013 - 2014
Four properties, which were not the same four as above,
were awarded Government flood resilience grants.



Flooding Matters in the Parish - 25th November 2021



Flooding Hotspot 2 - Newbridge Road, Cadnam

The Lead Local Flood Authority (HCC) has produced a report, available on the Councils website, covering this location.

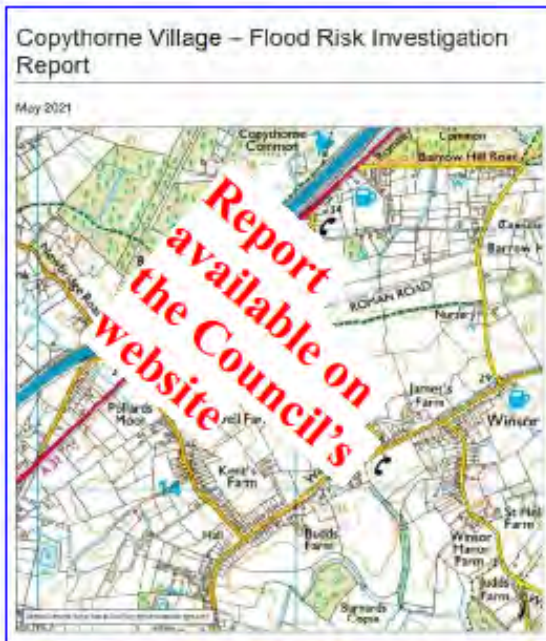
The report was prepared:

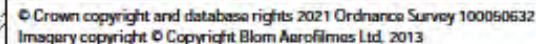
“...to understand the flood event that occurred in 2013 - 14.”

The report states:

“HCC have records of only one property suffering from internal flooding (damp only) in 2000-01. It should be noted this flooding was not reported to have re-occurred in 2013 - 14 when there was highway flooding in the area.”

The Parish Council is currently bringing to HCC's attention the inaccuracies contained within this report.





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Video of flooding in Chinham Road and Shepherds Road, Bartley.





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Flooding Hotspot - Chinham & Shepherds Road, Bartley

**Environment Agency report on
Winter 2000 - 2001: states:**

Halcrow



**ENVIRONMENT
AGENCY**

“...11 properties in Bartley suffered internal flooding.

Bartley and Winsor were also affected by foul sewage flooding.

In the Chinham Road area flooding has occurred three times between 1994 and 1999. The Environment Agency has no records of events prior to 1994.

New Forest District Council is investigating the feasibility of constructing a scheme in the area. They will determine the cost benefit during their feasibility studies. Works in this area would reduce the impact of flooding in Chinham Road, Shepherds Road and Riverside Close.”



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Bartley Flood Relief Scheme - 2005



1. EXECUTIVE SUMMARY/RECOMMENDATIONS

In recent years 28 properties within the Bartley Village watercourse catchment have been flooded internally and a further 40 have been affected by external/garden flooding during rainfall events with return periods of less than five years. More extreme events will cause more flooding.

Options for alleviating the problem are as follows:-

- The 'Do Nothing' option has been considered but is unacceptable.
- The 'Ongoing Maintenance' option would not make a material difference to the existing inadequacies of the present drainage system and has therefore been discounted.
- It is therefore considered that to provide the protection necessary to prevent flooding of property that a scheme be implemented in the form of either flood storage and/or attenuation.

The “Do Nothing” option, which was the “unacceptable” one was, by default, the option implemented



Flooding Matters in the Parish - 25th November 2021



Properties flooded internally in Winter of 2013 - 2014
A minimum of nine properties were flooded internally
and therefore were awarded Government flood
resilience grants.

Location of known
properties that were
awarded flood grants
following the 2013 -
2014 Winter flooding



Flooding Hotspot - Chinham & Shepherds Road, Bartley

