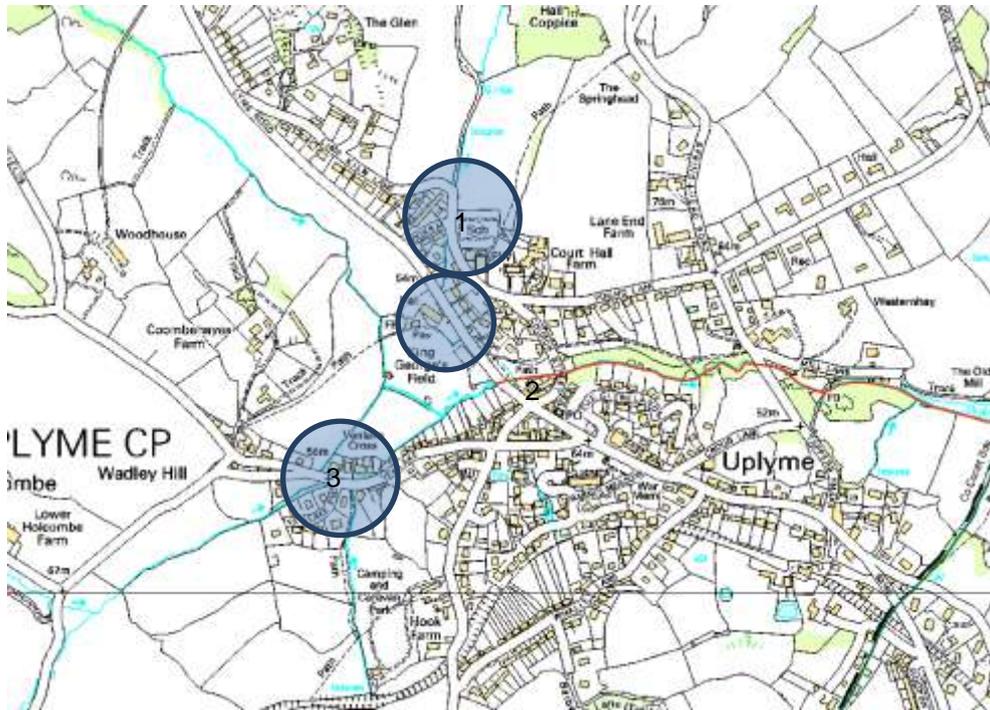


Uplyme

Key Flood Risk Areas:



The watercourse from direction of Valley View Farm which is culverted under Lime Kiln Lane and Cooksmead becomes rapidly blocked with shingle/gravel/silt debris. Upstream a large 'goyle' has formed which has the potential to increase silt loading within the watercourse at this location. The culvert surcharges and floods/deposit materials onto the highway, this flood water was responsible for the flooding of properties within Cooksmead and the bottom of Pound Lane. This watercourse runs behind the Post Office and the local filling station and responsible for flooding at this location. The watercourse then enters two stone cross culverts under the B3165 outside the Village hall and at the bottom of the Village hall car park discharging into the River Lyme downstream of the B3165 bridge. The cross culvert running from the filling station to the village hall surcharge causing flooding of the B3165. Informal grips are cut into the verge adjacent to the Village hall car park to allow flood water to re-enter the channel (which reaches bank fall) and prevent properties adjacent to the highway flooding. The culvert at the bottom of the Village Hall car park surcharged and causes flooding to the Tennis Courts and the cricket fields. The flooding at Venlake was caused by the watercourse adjacent to PROW (footpath), which is then culverted under the highway via a 600mm dia. pipe discharging into a ditch adjacent to the highway. The flooding which occurred at this location was a combination of events, the culvert had insufficient capacity to take the flow conditions at the time and surcharged onto the highway, also a collapse of the riparian banks along the watercourse caused significant flooding to a property adjacent to the watercourse and the footpath.



600 mm passing under Lime Kiln Lane/Pounds Lane into ditchcourse running adjacent to No.1 Cooks Mead. Large accumulation of gravel blocking culvert entrance particularly during high flows. Informal silt trap constructed within channel but difficulties gaining access to clear. Formal silt trap could be constructed at this location however culvert immediately upstream suffers blockage and flows onto highway

Once culvert is blockage flows are diverted onto the highway causing flooding to properties on Cooksmead/Pound Lane. Deposition of material onto the highway. DCC Highways continues to clear up debris which is extensive and follow up jetting to highway gullies in area. Now a regular occurrence in time of storm conditions. Road becomes impassable.



Ditchcourse running adjacent to No.1 Cooks Mead flowing to 450/600 mm culvert passing under Cooksmead into Brooklands. Large accumulation of gravel blocking culvert entrance particularly during high flows. Culvert quickly surcharges and flood waters onto the highway.





Flooding to the rear of Brooklands resulting from channel behind property being overwhelmed when flows are backed up from highway culvert. Flood relief channel has been constructed to convey flows around property in high flow conditions which is still to be completed.



The cross culvert (masonry arch approximately 1mx0.5m) running from the filling station to the village hall surcharges causing flooding of the B3165. Becomes rapidly blocked with shingle/gravel/silt debris and potential for silt trap at this location. Grips were then cut into the verge adjacent to the Village hall car park to allow flood water to re-enter the channel (which was bank fall) and prevent properties adjacent to the highway flooding

Cable crossing downstream of the first culvert crossing of the B3165 outside Uplym Village Hall. Installed during the construction of the Village Hall. During high flows acts as a weir raising levels potentially to height of upstream culvert. Silting up reducing flow results in the channel overtopping and flooding to village hall.

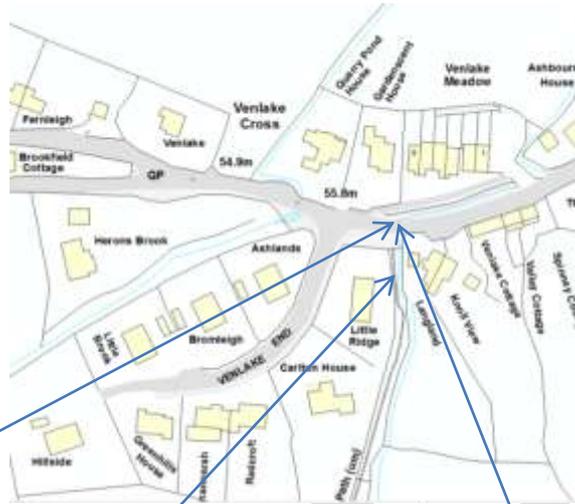


Masonry culvert downstream of Village Hall (approximately 1mx0.5m - potentially problems with channel gradient) quickly surcharges raising water levels within the channel and floods the Tennis Courts. Culvert turns right angles due to the realignment of the channel. DCC Highways continue to carry out reactive machine clearance to inlet/outlets of culverts followed by jetting to remove silt/debris from invert. Informal flood channel created to allow flood waters when surcharging to flow into Tennis courts (photos below). Potential for permanent flood relief channel to be constructed at this location to convey flows directly to the River Lyn upstream of the road bridge.





DRAFT



600mm culvert discharging into open ditch at right angles. Downstream channel smaller in capacity than that upstream section. Culvert becomes quickly blocked with large shingle/gravel and floods road.

Issues with stability of upstream riparian banks, previous collapse caused significant flooding to properties within Venlake.

Potential for silt trap to prevent blockage to existing culvert and assessment of culvert and downstream channel for capacity. Potential bank works to upstream to prevent risk of collapse and blockage.



Historic Flooding

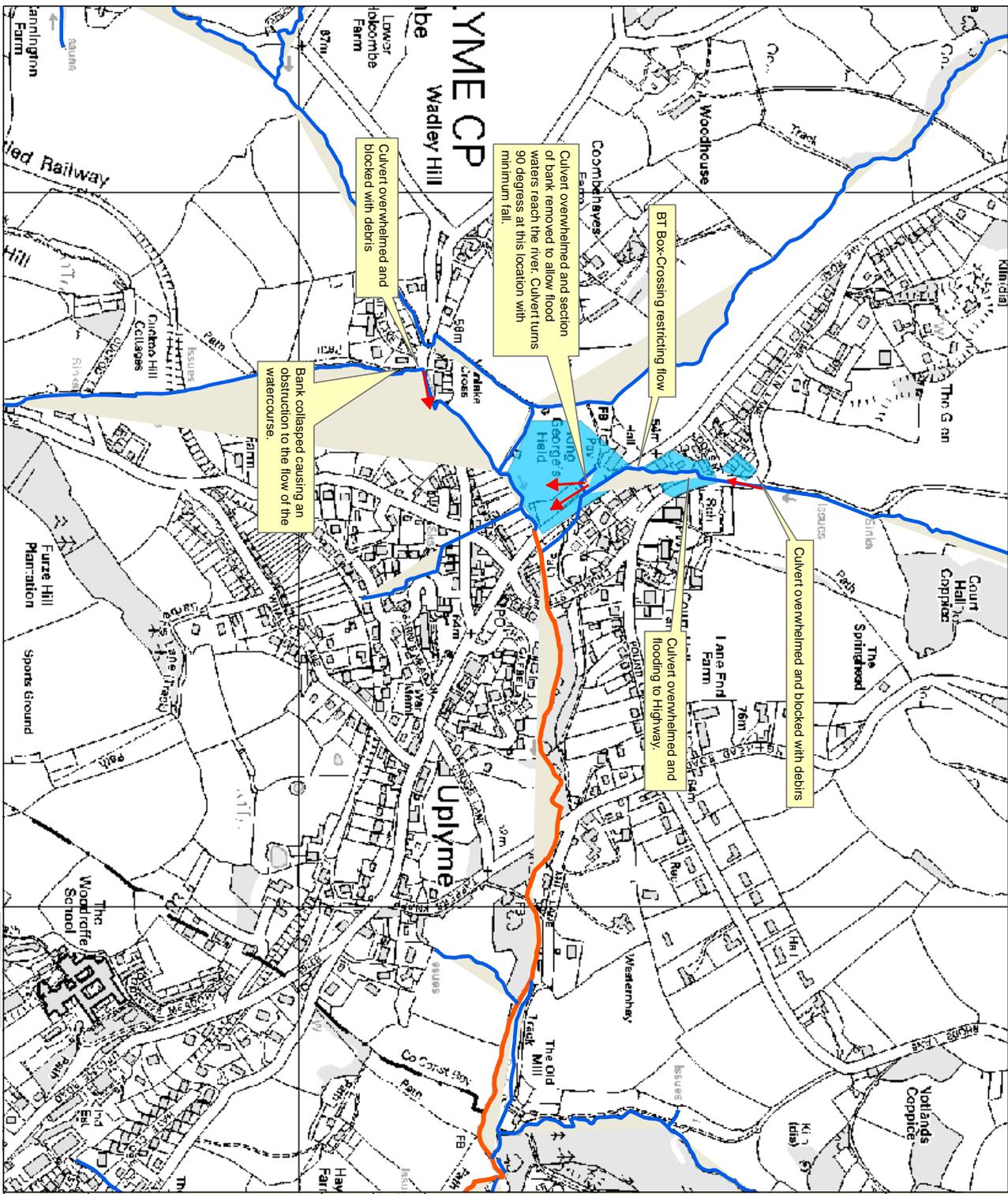
From the records of historic flooding within Uplyme the following events have been highlighted:

- 26/12/1979: 1 pub flooded probably the New Inn, Uplyme.
- 07/08/1997: Flooding reported at this location, number of properties unknown.
- 07/01/2001: The river was out of bank in a number of places with the water then getting back into the river further down and not causing any damage to property. There was however one land owner at Greenclose, Lyme Road (near the petrol station)
- 07/01/2001: Fire and Rescue pumping out – Talbot Arms
- 08/12/2007: Flooding affecting electrics within pound lane (The Chayce) and flooding of road.
- 07/07/2012 Approximately 14 properties were flooded during the incident on the 7th of July, in addition to the village hall, Post Office and local filling station, which were very close to flooding.
- 23/12/2012 Heavy rains at various times, especially overnight 22nd/23rd December 2012 causing various flooding incidents, especially in Venlake, KG V field and Cooks Mead.
- 12/01/2012 On Saturday 12th January 2013, heavy rainstorms caused further extensive flooding in Uplyme in the Cooks Mead/B3165 Lyme Road, Church Street, Venlake and Cuckoo Lane areas of the village. Seven properties had flooding, including the Post Office/Petrol Station, and part of the Village Hall, although nobody had to be evacuated. All the culverts in the area were surcharged or blocked. Venlake and Cuckoo Lane were closed overnight and there was considerable erosion to the upper reaches of streams and debris therefrom deposited further downstream. Fire Brigade and DCC Highways were in attendance.

Uplyme Flood Incident 7th July 2012

-  Flow
-  River Network:
-  Ordinary Watercourse
-  Main River
-  Indicative flooded property outline

This map shows the indicative flood outline and should not be used to identify any individual properties.



Date: NOV 2012

Scale: 0 30 60 120 Meters




Flood Risk Management
Planning, Transportation and Environment
Devon County Council
Place Directorate
Lincolne House, County Hall
Exeter, EX2 4QD

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