

# Angarrack Flood Plan

The purpose of this plan is principally to alleviate the effects of flooding from the Angarrack river and surface water run-off, for residents of 3 properties in Hatch's Hill and several properties in Riverside. Copies of this flood plan will be made available to all affected residents and holiday homes for the benefit of guests.



## Angarrack Flood Risk Assessment

<b>Hazard</b> Flooding from Angarrack river via Northern tributary	<b>Likelihood</b> Flooding from heavy, intense, prolonged rain	<b>Severity</b> During periods of very high Rainfall, flash storms can be severe	<b>Consequence</b> Properties and adjacent roads may be affected
<b>Hazard</b> Flooding from surface water run-off	<b>Likelihood</b> Dependent on amount and height of river level	<b>Severity</b> Could be severe in Hatch's Hill area	<b>Consequence</b> Properties and adjacent roads may be affected
<b>Hazard</b> Flooding from culvert overflow	<b>Likelihood</b> Flooding in heavy, continuous rain, if blockage occurs	<b>Severity</b> During periods of prolonged heavy rain, could be severe	<b>Consequence</b> Properties and adjacent roads may be affected

The main risks are flooding from Angarrack River via its Northern tributary and from surface water run-off when the drains cannot cope. This flood plan deals with these threats.

Some surface water drains discharge into the river, the level of which can rise quickly during long periods of heavy rainfall, preventing the surface water dispersing and putting several properties at risk.

Residents who are members of the Angarrack Flood Group and liaise with Cornwall Council and the Environment Agency on a regular basis are:

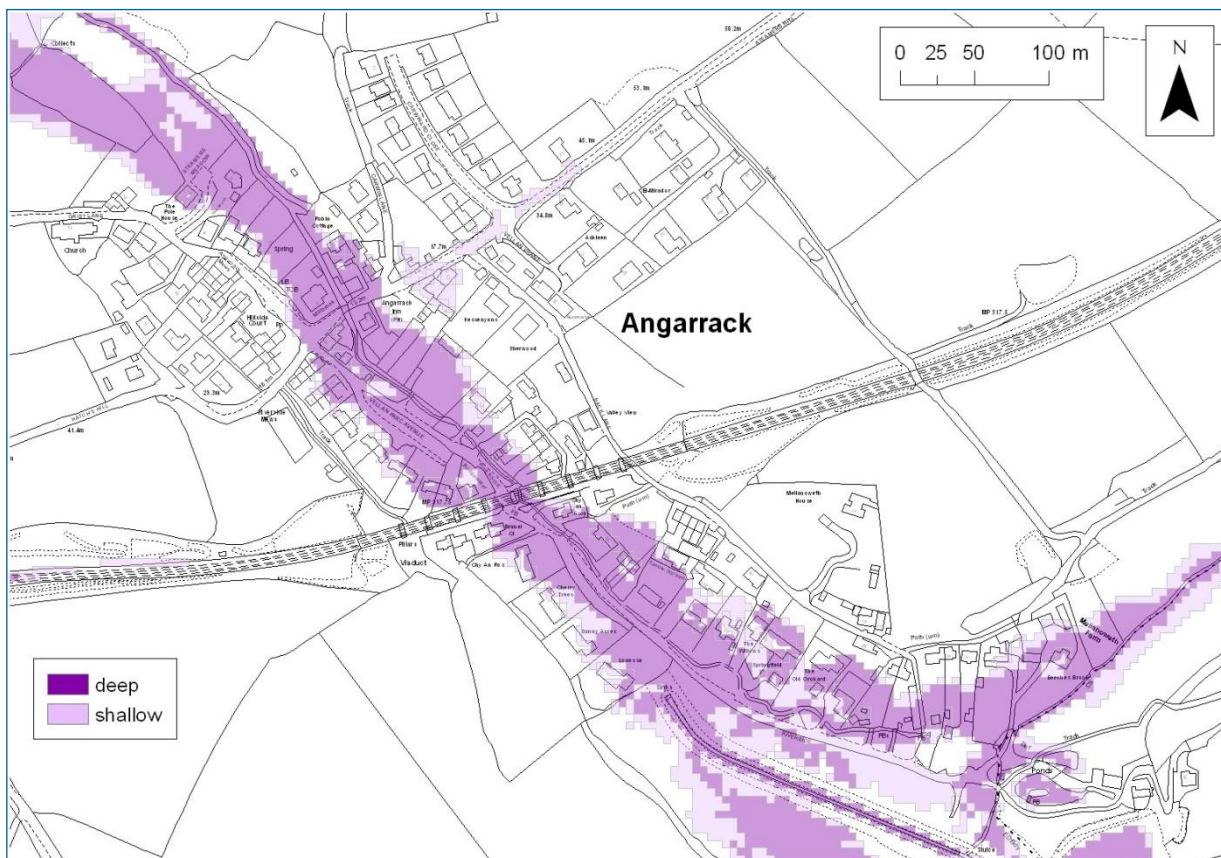
**Cllr. Brian Capper**  
Sweetlarks, 25 Riverside  
**01736 753838**

**Mike Witheridge**  
20 Riverside  
**01736757208**

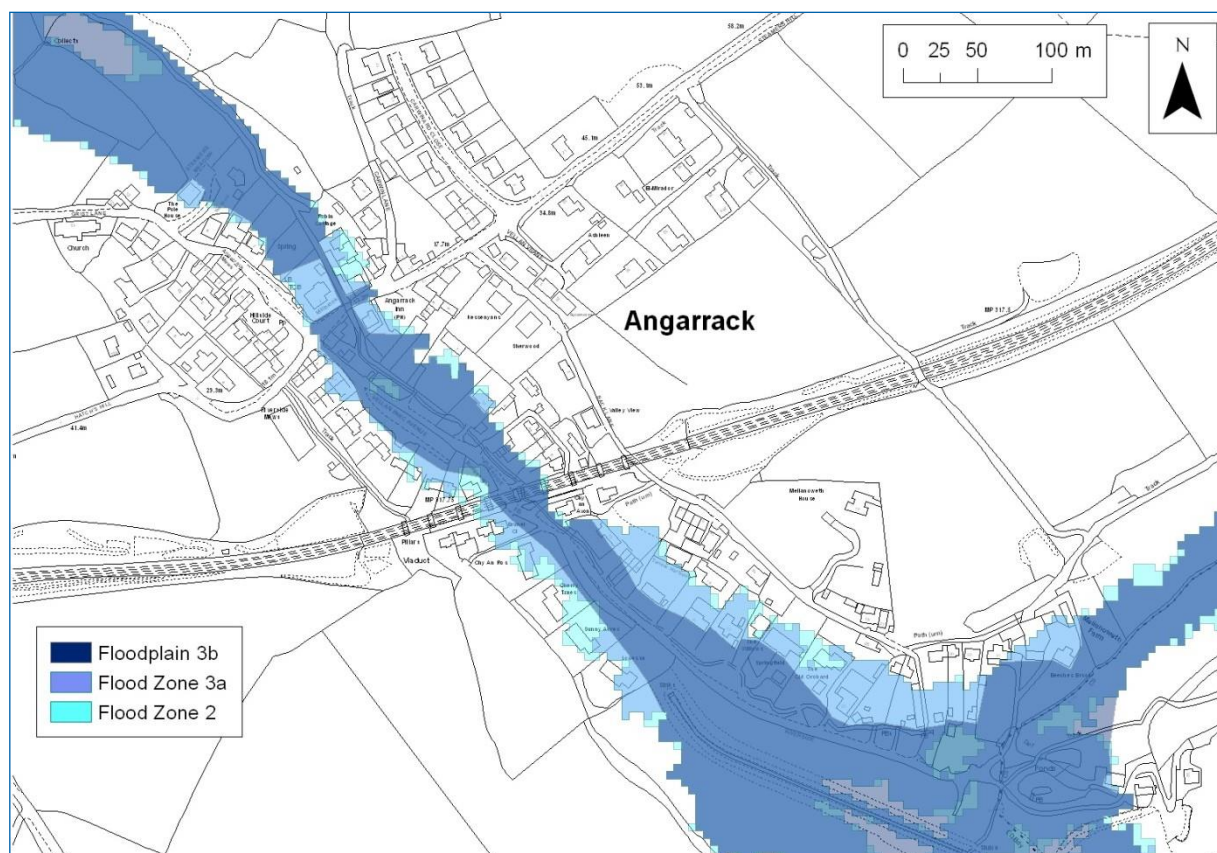
**John Barnicoat**  
16 Riverside  
**01736 759604**

**Chris Bray**  
Cherrytrees, Riverside  
**01736 753306**

## Surface Water Flood Map



## Fluvial (river) Flood Map



## Flood Management Procedures

- Debris catcher installed on upstream side of culvert.
- CCTV installed on upstream side of culvert and monitored by the EA.
- The penstock gate on the culvert is normally closed to prevent flows into the river.
- The Environment Agency currently keeps the culvert clear and strims the river bank twice a year.
- Volunteer Flood Wardens will monitor the river and culvert and report issues to the EA.
- Riparian owners have been advised of their responsibility to keep the river clear.
- Road drains cleared annually and also when necessary.
- Volunteer Flood Wardens will monitor the drains and report any blockages to Highways.
- Additional drains installed on Hatch's Hill.
- Flood Proof doors fitted to nos. 2 and 3 Hatch's Hill

## Desirable additional measures, not yet implemented:

- Extend the drain pipe in the river, by the road bridge, to increase capacity for surface water to drain away.
- Restore the 'throttle' device on the Northern tributary, to slow down excessive flows.
- Clear excess silt in the river, by and under the road bridge, to increase capacity.

## Equipment

Sandbags and a pump are available, particularly for nos. 2 and 3 Hatch's Hill.

During periods of expected heavy or prolonged rainfall, the following procedures will be followed.

## Monitoring Process

- Residents can sign up for an alert from the Floodline Warnings Direct service provided by the EA [www.environment-agency.gov.uk/flood](http://www.environment-agency.gov.uk/flood).

- A 10 Point Household Flood Action Plan has been provided to all households at risk.
- Copies of this Flood Plan will be supplied to all households at risk.
- Flood Wardens will monitor the state of the river and surface water and cascade warnings as necessary.

## Action during flooding process

### Matters that will need to be considered:

1. To alert the Emergency Services and other responders such as Fire and Rescue, Highways, Police, Environment Agency, Western Power and Cornwall Council's Emergency Planning as necessary.
2. To man any affected roads to stop drivers and advise them not to proceed, until the emergency services take over.
3. To liaise with the Emergency Services on their arrival and during the event.
4. If there is a need for a designated rest centre, Angarrack Community Centre/Methodist Church will be used.

## Clear up process

- To consult with agencies and report issues.
- To remove road closure equipment
- To ensure drains/gullies are clear – contact Cornwall Council if not.

## Maintenance of equipment between events

- To ensure drains/gullies that effect the area are kept clear of debris and report any problems to the EA or CC.

## Revision of plan

This is a working document and will be reviewed on a regular basis, not less than annually.

## Emergency Contact Information

Cornwall Council Emergency Planning

**0300 1234 100**

Cornwall Council Highways (24 hours)

**0300 1234 222**

Cornwall Council General Enquiries

**0300 1234 100**

Devon and Cornwall Constabulary

**999 (non-emergency: 101)**

Cornwall Fire & Rescue **999**

South Western Ambulance Service **999**

Environment Agency (Floodline)

**0345 988 1188 or 0845 988 1188**

Environment Agency

(Incident Line **0800 807 060**)

Hayle Town Council - Clerk: Ellie Giggall

**01736 755005**

## Village contacts in the event of an emergency in Angarrack

Chris Bray - 4 x 4

**01736 753306**

Chris Bray - Chainsaw

**01736 753306**

Brian Capper - Community Centre keyholder

**01736 753838 / 07753 814999**

Tony Uren - Community Centre keyholder

**01736 753914 / 07971 920996**

Malcolm Bryant - Community Centre keyholder

**01736 753788**

