

Church Farm, Pound Lane, Hardwicke,  
Queadgely, Gloucestershire GL2 4RL

Flood Evacuation Plan (FEP)

10<sup>th</sup> August 2023, Rev V1



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### Quality Assurance

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## 1.0 Introduction

The Hardwicke Court Estate wishes to convert a disused barn into a single dwelling. A planning application is being submitted via Class Q and the submission has been discussed with the Planning Officer.

A Flood Risk Assessment and Drainage Strategy dated 3<sup>rd</sup> May 2018, V1, (FRADS) by Clive Onions Ltd has been prepared and the Planning Officer has requested that a Flood Evacuation Plan (FEP) also be submitted, with provision for flood warning. This FEP considers the findings of the FRADS and shows that the site will be safe for its lifetime for the occupants of the proposed dwelling and their access during flooding.

According to the Environment Agency (EA) Flood Map for Planning part of the site is located within Flood Zone (FZ) 3. The South Gloucestershire SFRA shows the west of the site to be in Flood Zone 2 and the east to be in Flood Zone 1.

However, the site is outside the EA's area within which flood warnings are currently offered, highlighting the considered low flood risk at the site.

This FEP describes the flood risk, warning periods, the EA Flood Warning Codes and includes the EA's Personal Flood Plan for the occupants to complete.

The barn floor is raised above the surrounding land and significantly above the predicted flood level at the end of the lifetime, and as such the proposals are safe and comply with the relevant National Planning Policy Framework (NPPF) Paragraph, 167 (e).

## 2.0 Site Description and Setting

The site is located in the rural area south of Hardwicke, within a group of barns associated with an adjacent occupied dwelling at Church Farm, Pound Lane, Hardwicke, Gloucestershire, GL2 4RL.

The main access to the site from major services (ie Gloucester) is along Pound Lane from the east, which joins the A38 some 800m to the east of the site.

The Gloucester and Sharpness Canal is 470m to the west, and the River Severn is some 3.2km west of the site (as the crow flies).

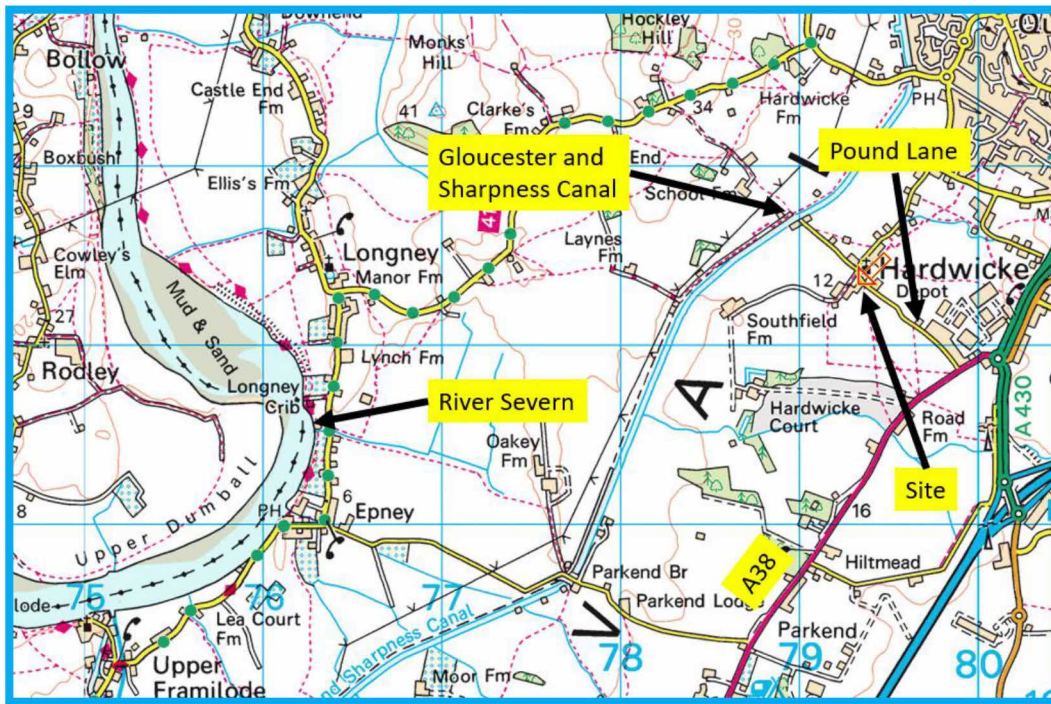


Figure 1 Site Location showing key features references in text (Streetmap)

### 3.0 Flood Risk and Access

#### 3.1 Fluvial Flood Risk

The EA site-specific Flood Risk Map for Planning, supplied in response to an EA enquiry, shows the access within the site to be in Flood Zone 1 and shallow flooding on a short length of Pound Lane.

The wider published Flood Map for Planning shows the source of flooding to be the River Severn, and flooding would be caused by a coincidence of high flows in the River Severn potentially combined with high tides and surge tides.

The River Severn, the source of the potential flooding, is some 4.3km southwest of the site, due to high ground in a direct line between the site and the River Severn.

The conditions which could potentially lead to flooding are likely to be;

- Heavy rain in the upper catchment of the River Severn, causing flooding in the Gloucestershire area – in 2007 the flooding occurred 3 days after the heavy rains.
- A low pressure weather system crossing the Atlantic. Experience has shown that the Met Office gives several days' warning of such conditions, and recent experience has shown that 3 days' warning of a surge tide is routine.
- The combination of a high tide surge and heavy rain is rare, since the low pressure systems first cause the surge tide, then progresses across the

country causing heavy rain, and then the rain increases river flow, by which time the surge tide has past.

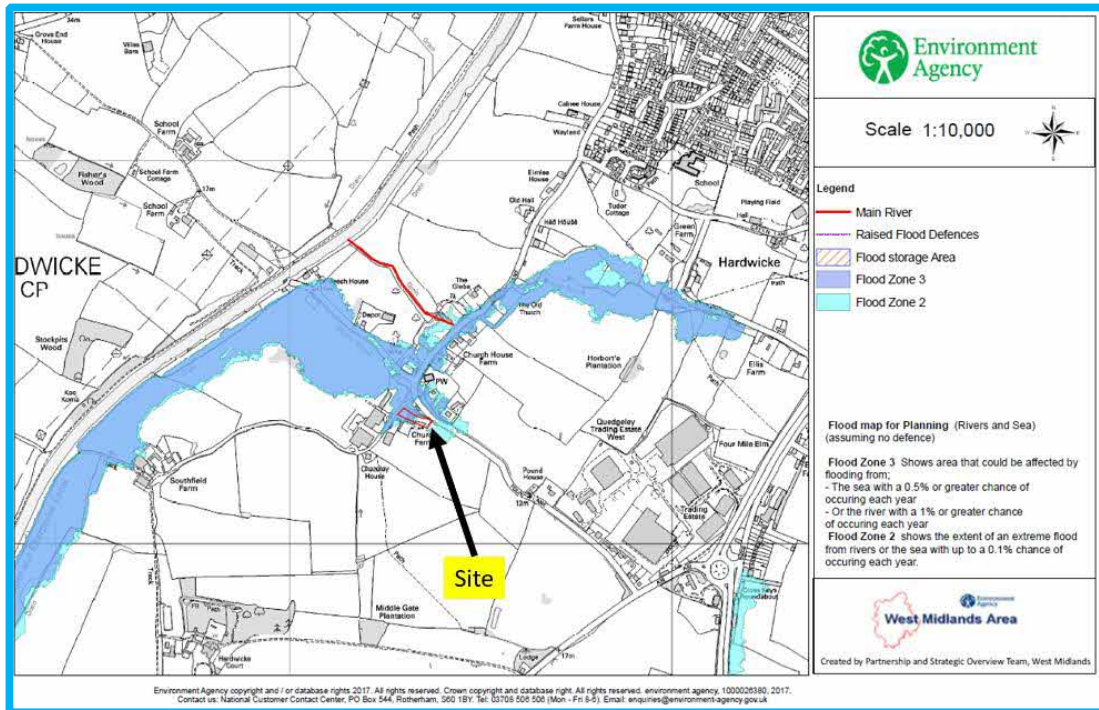


Figure 2 EA Product 4 site-specific flood map with site arrowed

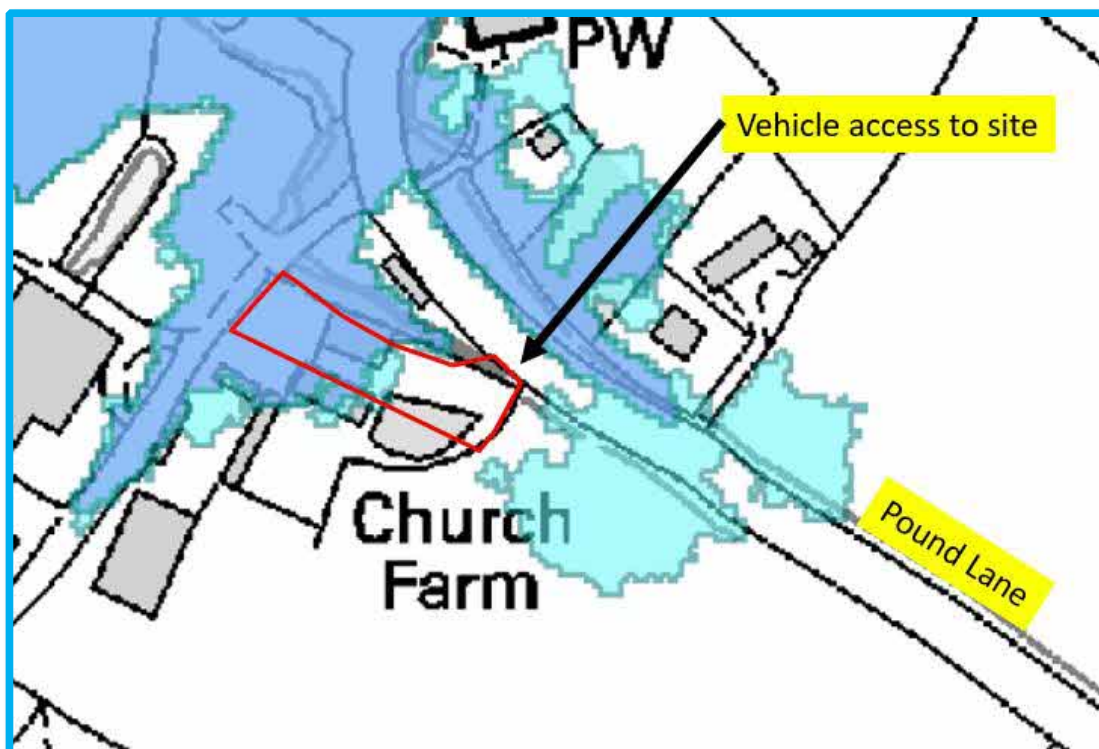


Figure 3 Extract from EA site-specific flood map showing west of site in FZ3 and site access to the east in FZ 1. Note Pound Lane is shown to be in FZ2 over a short distance (and the roadside ditches are not defined – see later).

The plan below shows that not only is there warning for the low pressure system causing the storm, but also the time for the water level to build up in the River Severn, then the 'flood wave' to travel down the river, then the banks of the river to breach and floodwater to travel the 4.4km to the site, which as can be seen, is at the extreme extent of the predicted flood zone.

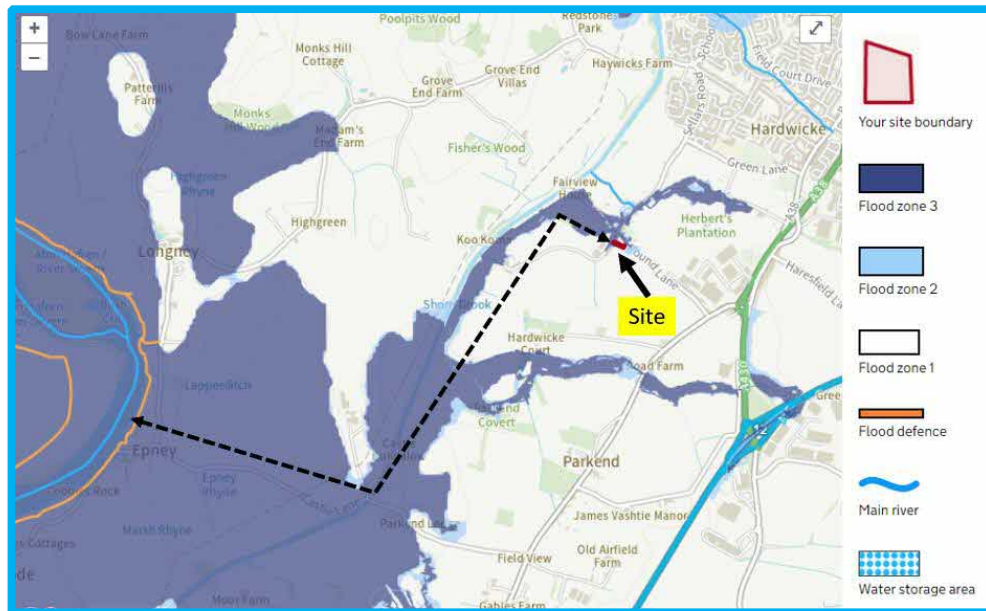


Figure 4 EA Flood Risk Map for Planning with the flood pathway in black broken line

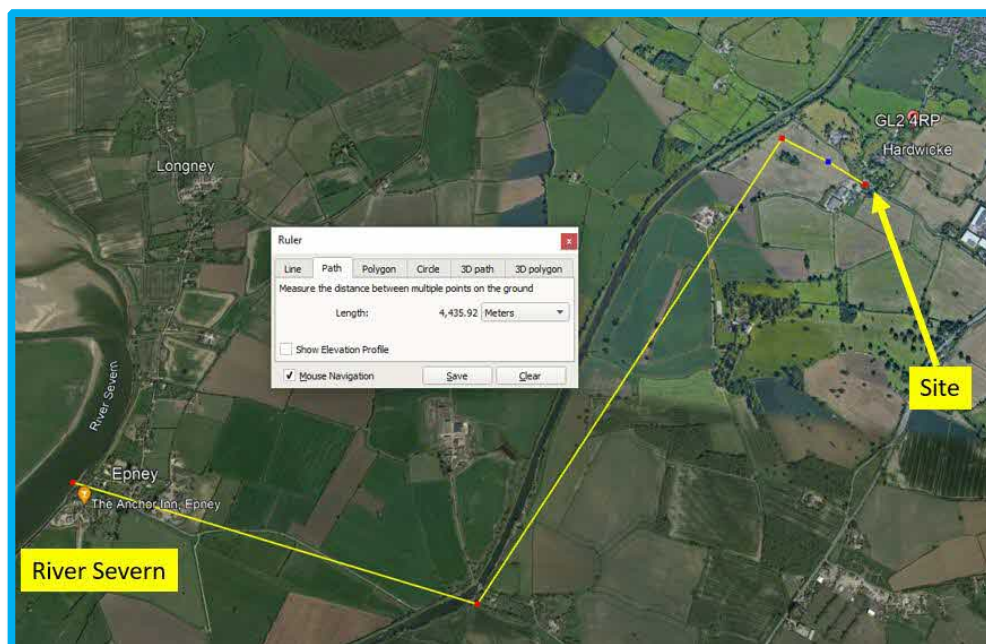


Figure 5 Google Earth image with same flood pathway superimposed, showing the travel distance over 4.4km



The above description of the flood mechanism shows that there are likely to be in the order of 4 – 5 days warning, new broadcasts, weather forecasts, social media reports etc before flooding would reach Chapel Farm in the most extreme event.

Furthermore, the Defra/EA report 'Flood Risks to people, Phase 2, FD2320/TR2 Guidance Document' shows that a hazard some 4km from the source of a breach in flood defences is categorised as Danger for Some, because it is remote from the source, moving slowly, and tending to be shallow, as in this case. This is an acceptable hazard within the guidance.

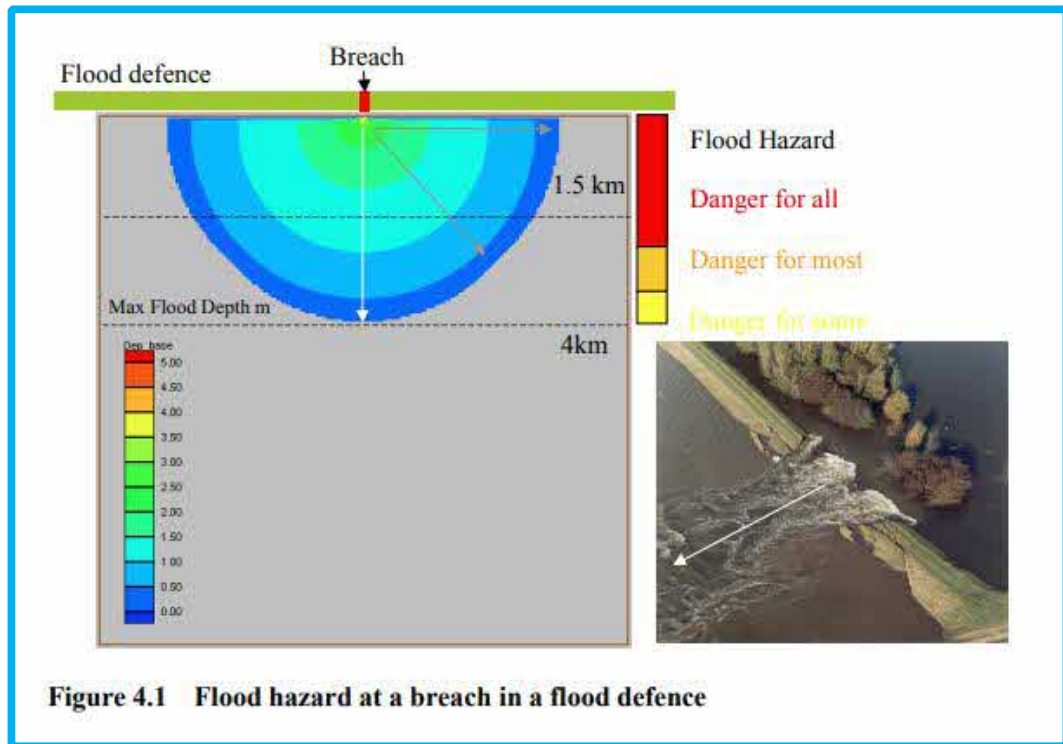


Figure 6 Extract from Defra/EA report 'Flood Risks to people, Phase 2, FD2320/TR2 Guidance Document' showing low hazard (in yellow text) 4km from source of flood.

Referring to the Stroud District Council SFRA and considering climate change, it is clear that at this remote location from the source of flooding there is insignificant change in the flood risk due to climate change and the effect is not discernible at the site.

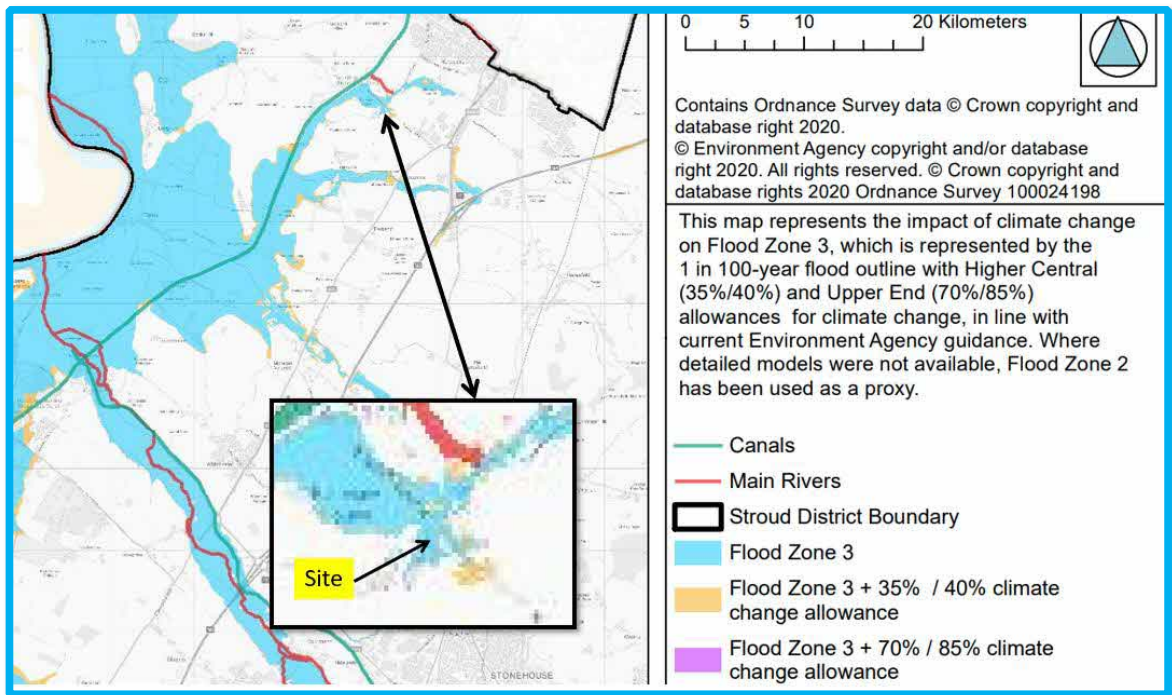


Figure 7 Extract from Stroud District Council SFRA showing impact of climate change is negligible at the site.

In Summary, the warning time of fluvial flooding at the site is in days, and the hazard is shown to be low. This shows that the proposal is safe in terms of fluvial flood risk.

### 3.2 Surface Water Flood Risk

The EA surface water flood risk map for the design case (Medium Risk Scenario) shows that the site is at very low risk of flooding, and that shallow flooding of less than 300mm occurs on Pound Lane.

However, given that the lane is raised above the surrounding fields (which are not shown to be at risk of flooding) and the lane has substantial roadside ditches, the judgment is that the water would be collected in the ditches and the road is likely to be free from flooding.

This site-specific assessment therefore shows that the road is above the surrounding land, which is not shown to be flooded, and that the surface water will be gathered and conveyed in the historic ditches which are there for that purpose. In summary, the following images show the surface water flood risk map, the ditches with site access, and the Hazard Rating Table to show that the proposal is safe for its lifetime.



Figure 8 EA Surface water flood map showing the site to accessible with less than 300mm of flooding along Pound Lane



Figure 9 Site superimposed on EA surface water flood map showing building and access to Pound Lane free from flood risk (using bridge access). Note that section of Pound Lane shown flooded is similar to that show on the fluvial map, confirming that the fluvial flooding is also less than 300mm deep.

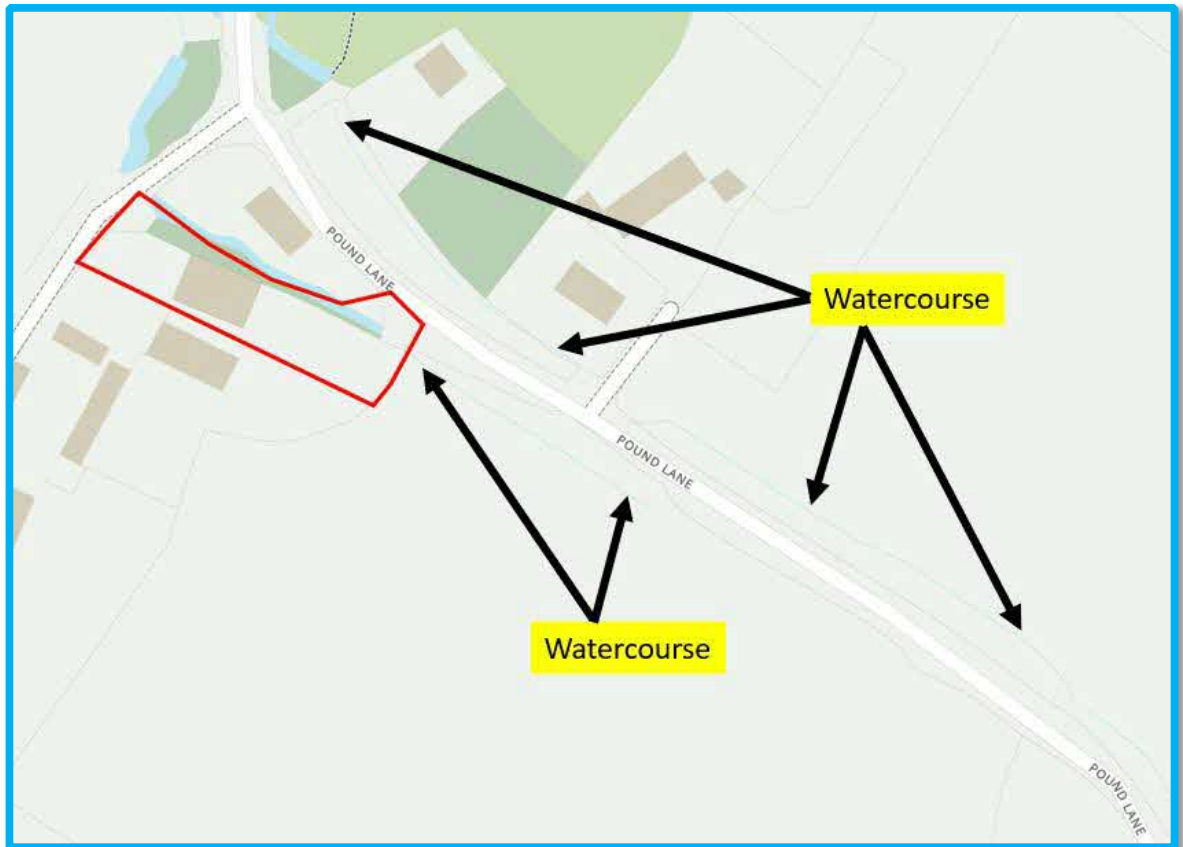


Figure 10 Ordnance Survey map showing roadside ditches



Figure 11 Goole Streetview image showing substantial roadside ditches, Pound Lane above the surrounding land and the established site access.



Figure 12 Established site access off Pound Lane

This table is recommended for development planning and control use.

Table 4 – Hazard to People Classification using Hazard Rating ( $HR = d \times (v + 0.5) + DF$ ) for (Source Table 13.1 of FD2320/TR2 - Extended version)

HR	Depth of flooding - d (m)												
	DF = 0.5				DF = 1								
Velocity v (m/s)	0.05	0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.80	1.00	1.50	2.00	2.50
0.0	0.03+0.5 = 0.53	0.05+0.5 = 0.55	0.10+0.5 = 0.60	0.13+0.5 = 0.63	0.15+1.0 = 1.15	0.20+1.0 = 1.20	0.25+1.0 = 1.25	0.30+1.0 = 1.30	0.40+1.0 = 1.40	0.50+1.0 = 1.50	0.75+1.0 = 1.75	1.00+1.0 = 2.00	1.25+1.0 = 2.25
0.1	0.03+0.5 = 0.53	0.06+0.5 = 0.56	0.12+0.5 = 0.62	0.15+0.5 = 0.65	0.18+1.0 = 1.18	0.24+1.0 = 1.24	0.30+1.0 = 1.30	0.36+1.0 = 1.36	0.48+1.0 = 1.48	0.60+1.0 = 1.60	0.90+1.0 = 1.90	1.20+1.0 = 2.20	1.50+1.0 = 2.55
0.3	0.04+0.5 = 0.54	0.08+0.5 = 0.58	0.15+0.5 = 0.65	0.19+0.5 = 0.69	0.23+1.0 = 1.23	0.30+1.0 = 1.30	0.38+1.0 = 1.38	0.45+1.0 = 1.45	0.60+1.0 = 1.60	0.75+1.0 = 1.75	1.11+1.0 = 2.11	1.30+1.0 = 2.30	1.68+1.0 = 2.68
0.5	0.05+0.5 = 0.55	0.10+0.5 = 0.60	0.20+0.5 = 0.70	0.25+0.5 = 0.75	0.30+1.0 = 1.30	0.40+1.0 = 1.40	0.50+1.0 = 1.50	0.60+1.0 = 1.60	0.80+1.0 = 1.80	1.00+1.0 = 2.00	1.50+1.0 = 2.50	2.00+1.0 = 3.00	2.50+1.0 = 3.50
1.0	0.08+0.5 = 0.58	0.15+0.5 = 0.65	0.30+0.5 = 0.80	0.38+0.5 = 0.88	0.45+1.0 = 1.45	0.60+1.0 = 1.60	0.75+1.0 = 1.75	0.90+1.0 = 1.90	1.20+1.0 = 2.20	1.50+1.0 = 2.50	2.25+1.0 = 3.25	3.00+1.0 = 4.00	3.75+1.0 = 4.75
1.5	0.10+0.5 = 0.60	0.20+0.5 = 0.70	0.40+0.5 = 0.90	0.50+0.5 = 1.00	0.60+1.0 = 1.60	0.80+1.0 = 1.80	1.00+1.0 = 2.00	1.20+1.0 = 2.20	1.60+1.0 = 2.60	2.00+1.0 = 3.00	3.00+1.0 = 4.00	4.00+1.0 = 5.00	5.00+1.0 = 6.00
2.0	0.13+0.5 = 0.63	0.25+0.5 = 0.75	0.50+0.5 = 1.00	0.63+0.5 = 1.13	0.75+1.0 = 1.75	1.00+1.0 = 2.00	1.21+1.0 = 2.25	1.50+1.0 = 2.50	2.00+1.0 = 3.00	3.50	4.75	6.00	7.25
2.5	0.15+0.5 = 0.65	0.30+0.5 = 0.80	0.60+0.5 = 1.10	0.75+0.5 = 1.25	0.90+1.0 = 1.90	1.20+1.0 = 2.20	1.50+1.0 = 2.50	1.80+1.0 = 2.80	3.40	4.80	6.50	7.80	9.50
3.0	0.18+0.5 = 0.68	0.35+0.5 = 0.85	0.70+0.5 = 1.20	0.88+0.5 = 1.38	1.05+1.0 = 2.05	1.40+1.0 = 2.40	1.75+1.0 = 2.75	3.10	3.80	4.50	6.25	8.00	9.75
3.5	0.20+0.5 = 0.70	0.40+0.5 = 0.90	0.80+0.5 = 1.30	1.00+0.5 = 1.50	1.20+1.0 = 2.20	1.60+1.0 = 2.60	3.00	3.40	4.20	5.80	7.00	9.00	11.00
4.0	0.23+0.5 = 0.73	0.45+0.5 = 0.95	0.90+0.5 = 1.40	1.13+0.5 = 1.63	1.35+1.0 = 2.35	1.80+1.0 = 2.80	3.15	3.70	4.60	6.50	7.75	10.00	12.25
4.5	0.25+0.5 = 0.75	0.50+0.5 = 1.00	1.00+0.5 = 1.50	1.25+0.5 = 1.75	1.50+1.0 = 2.50	2.00+1.0 = 3.00	3.50	4.00	5.00	6.00	8.50	11.00	13.50
5.0	0.28+0.5 = 0.78	0.60+0.5 = 1.10	1.10+0.5 = 1.60	1.38+0.5 = 1.88	1.65+1.0 = 2.65	3.20	3.75	4.30	5.40	6.50	9.25	12.00	14.75

Flood Hazard Rating (HR)	Colour Code	Hazard to People Classification
Less than 0.75		Very low hazard - Caution
0.75 to 1.25		Danger for some – includes children, the elderly and the infirm
1.25 to 2.0		Danger for most – includes the general public
More than 2.0		Danger for all – includes the emergency services

Figure 13 Extract from FD2320/TR2 showing that 300mm is a safe depth (Up to Hazard Rating 1.25 is accepted as safe)

#### 4.0 Safe Access at Peak of Design Flood Event

The above assessment of the fluvial and surface water flood risks shows that access to and from the site will be safe for its lifetime at the peak of the predicted flooding, and therefore complies with paragraph 167 (e) of the National Planning Policy Framework (NPPF).

## 5.0 Flood Warning and Access

It has been explained above that the occupants of the site will have several days' warning of potential flooding. The EA considers flood risk and warning areas, and if residents are not within the flood warning area, they are usually unable to receive warnings.

The site is currently not in an area which could benefit from EA warnings (see Figure 14 below).

However, we would advise the residents to complete a Personal Flood Plan (as in Appendix 2) and also contact the EA to see if they can register with the EA's Flood Warning Service. The EA would usually write to existing residents if they extend the flood warning area to include their postcode.

The fact that the site is outside the EA's flood warning area emphasises the low flood risk that the EA considers applies to the site.

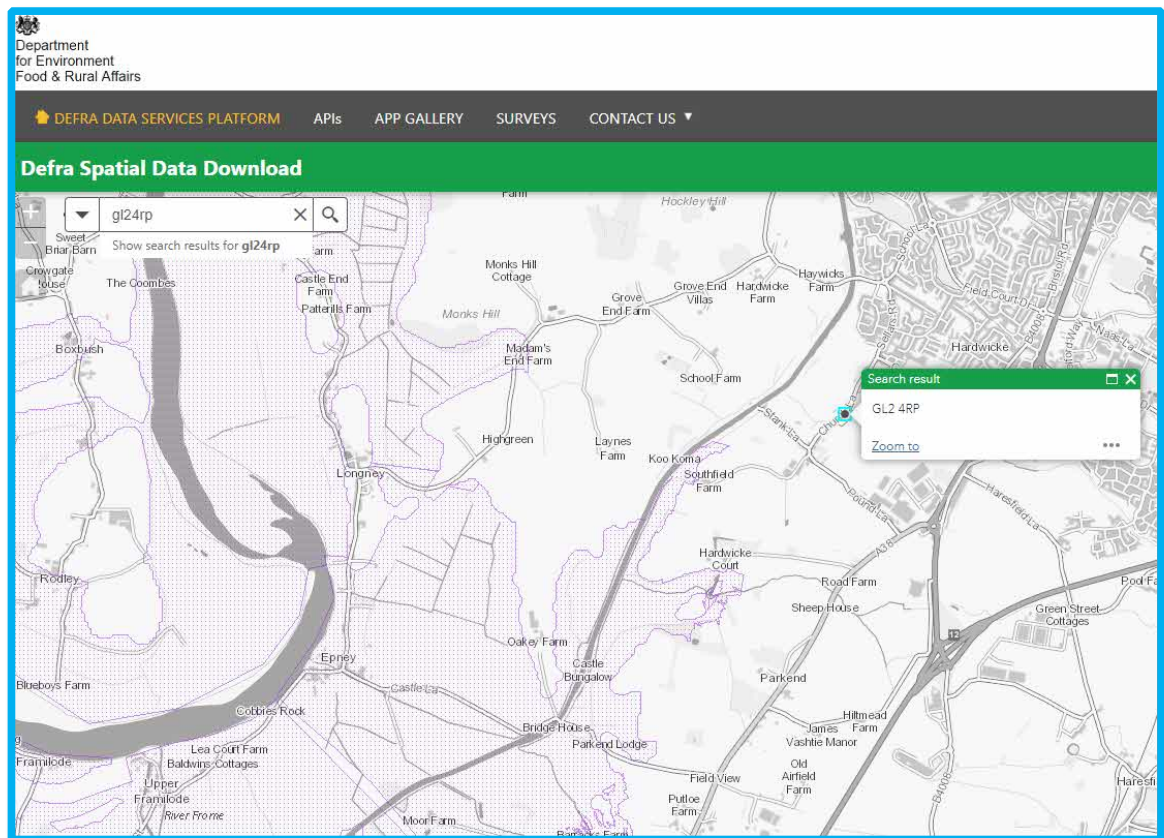


Figure 14 Extract from EA Flood Warning Areas map, showing sit to be outside the warning area (purple stippled areas).

The occupants have the choice of remaining in the building, which is safety above the predicted flood level, or they can travel eastwards along Pound Lane to the A38 and then to the main services in Gloucester.

## 6.0 Conclusions

It is proposed to change the use of a barn via Class Q. The barn is in a group of buildings adjacent to an occupied dwelling.

A Flood Risk Assessment and Drainage Strategy (FRADS) has been prepared which describes the flood risk to the site.

In consultation about the proposal, the Planning Officer has requested a Flood Emergency Plan (FEP) with provision for flood warning.

This FEP has undertaken a site-specific assessment to the flood risk to the site and access in the context of the Emergency Plan.

This FEP shows the following;

- The fluvial flood risk is low and has several day's warning

- The site is some 4.4km from the potential source of predicted fluvial flooding, providing further warning,

- Surface water flooding does not affect access within the site

- Shallow surface water flooding of less than 300mm is predicted on the Lane, although this assessment considers the water will collect into the substantial roadside ditches

- The depth of predicted flooding is less than Hazard Rating 1.25, and therefore safe

- The site is outside the EA's Flood Warning Zone, highlighting the low flood risk anticipated

- This report recommends nevertheless that the occupants seek to Register with the EA's Flood Warning Service




- The occupants will complete the Personal Flood Plan in Appendix 2

The above assessment shows that the occupants will be able to safely leave the site at the peak of the predicted design flood, and that the proposal complies with the NPP.

It is important that nobody is complacent about flooding, and Appendix 1 includes the Flood Warning Codes as a precaution.



# Appendix 1 Environment Agency Flood Warning Codes

<h2>Three-day flood risk forecast</h2>	 <p><b>FLOOD ALERT</b></p>	 <p><b>FLOOD WARNING</b></p>	 <p><b>SEVERE FLOOD WARNING</b></p>	<h2>Warning no longer in force</h2>
<p><b>What it means</b> Be aware. Think ahead. Keep an eye on the weather situation.</p> <p><b>When it's used</b> Daily forecasts of flood risk on our website <a href="http://www.environment-agency.gov.uk">www.environment-agency.gov.uk</a>. These are updated more frequently for higher flood risk situations.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Information updated daily on the Environment Agency website.</li> <li>The information includes the current and forecast situation and how this is likely to affect each county in England and Wales over the next three days.</li> </ul> <p><b>Impact on the ground</b> Maps will show one of four levels of risk for each county:</p> <ul style="list-style-type: none"> <li>Green = no risk of flooding</li> <li>Yellow = low risk of flooding</li> <li>Amber = medium risk of flooding</li> <li>Red = high risk of flooding</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Check the forecast on our website.</li> <li>Remain aware of the impending weather conditions for your area.</li> </ul>	<p><b>What it means</b> Flooding is possible. Be prepared.</p> <p><b>When it's used</b> Two hours to two days in advance of flooding.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Forecasts that indicate that flooding from rivers may be possible.</li> <li>Forecast intense rainfall for rivers that respond very rapidly.</li> <li>Forecasts of high tides, surges or strong winds.</li> </ul> <p><b>Impact on the ground</b></p> <ul style="list-style-type: none"> <li>Flooding of fields, recreation land and car parks.</li> <li>Flooding of minor roads.</li> <li>Flooding of farmland.</li> <li>Spray or wave overtopping on the coast.</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Be prepared to act on your flood plan.</li> <li>Prepare a flood kit of essential items.</li> <li>Avoid walking, cycling or driving through flood water.</li> <li>Farmers should consider moving livestock and equipment away from areas likely to flood.</li> <li>Call <b>Floodline on 0845 988 1188</b> for up-to-date flooding information.</li> <li>Monitor local water levels on the Environment Agency website <a href="http://www.environment-agency.gov.uk">www.environment-agency.gov.uk</a>.</li> </ul>	<p><b>What it means</b> Severe flooding. Danger to life.</p> <p><b>When it's used</b> When flooding poses a significant risk to life or significant disruption to communities.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Actual flooding where the conditions pose a significant risk to life and/or widespread disruption to communities.</li> <li>On-site observations from flooded locations.</li> <li>A breach in defences or failure of a barrier that is likely to cause significant risk to life.</li> <li>Discussions with partners.</li> </ul> <p><b>Impact on the ground</b></p> <ul style="list-style-type: none"> <li>Deep and fast flowing water.</li> <li>Debris in the water causing danger.</li> <li>Potential or observed collapse of buildings and structures.</li> <li>Communities isolated by flood waters.</li> <li>Critical infrastructure for communities disabled.</li> <li>Large number of evacuees.</li> <li>Military support.</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Stay in a safe place with a means of escape.</li> <li>Be ready should you need to evacuate from your home.</li> <li>Co-operate with the emergency services.</li> <li>Call 999 if you are in immediate danger.</li> <li>Call <b>Floodline on 0845 988 1188</b> for up-to-date flooding information.</li> </ul>	<p><b>What it means</b> No further flooding is currently expected for your area.</p> <p><b>When it's used</b> When a flood warning or severe flood warning is no longer in force.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Risk of flooding has passed.</li> <li>River or sea levels have dropped back below severe flood warning or flood warning levels.</li> <li>No further flooding is expected.</li> <li>Professional judgment and discussions with partners agree that a severe flood warning status is no longer needed.</li> </ul> <p><b>Impact on the ground</b></p> <ul style="list-style-type: none"> <li>No new impacts expected from flooding, however there still may be:</li> <li>standing water following flooding;</li> <li>flooded properties;</li> <li>flooding or damaged infrastructure.</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Be careful. Flood water may still be around for several days and could be contaminated.</li> <li>If you've been flooded, ring your insurance company as soon as possible.</li> </ul>	<p><b>Advice to operational organisations</b></p> <ul style="list-style-type: none"> <li>The three-day forecast is the public facing version of the Flood Guidance Statement that category 1 and 2 responders receive.</li> <li>Advice for organisations varies depending on the level of flood risk and is provided on the Flood Guidance Statement issued by the Flood Forecasting Centre.</li> </ul> <p><b>Advice to operational organisations</b></p> <ul style="list-style-type: none"> <li>Check your flood response plans to see how your organisation needs to respond.</li> <li>Speak to your local Environment Agency Flood Warning Duty Officer for the latest forecast information.</li> <li>Dial into Flood Advisory Service teleconferences.</li> <li>Advise the public to call <b>Floodline on 0845 988 1188</b> for up-to-date flooding information.</li> <li>Please report any flooding in your area to your local Environment Agency office.</li> </ul>
<p><b>What it means</b> Severe flooding. Danger to life.</p> <p><b>When it's used</b> When flooding poses a significant risk to life or significant disruption to communities.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Risk of flooding has passed.</li> <li>River or sea levels have dropped back below severe flood warning or flood warning levels.</li> <li>No further flooding is expected.</li> <li>Professional judgment and discussions with partners agree that a severe flood warning status is no longer needed.</li> </ul> <p><b>Impact on the ground</b></p> <ul style="list-style-type: none"> <li>No new impacts expected from flooding, however there still may be:</li> <li>standing water following flooding;</li> <li>flooded properties;</li> <li>flooding or damaged infrastructure.</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Be careful. Flood water may still be around for several days and could be contaminated.</li> <li>If you've been flooded, ring your insurance company as soon as possible.</li> </ul>	<p><b>What it means</b> Severe flooding. Danger to life.</p> <p><b>When it's used</b> When flooding poses a significant risk to life or significant disruption to communities.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Risk of flooding has passed.</li> <li>River or sea levels have dropped back below severe flood warning or flood warning levels.</li> <li>No further flooding is expected.</li> <li>Professional judgment and discussions with partners agree that a severe flood warning status is no longer needed.</li> </ul> <p><b>Impact on the ground</b></p> <ul style="list-style-type: none"> <li>No new impacts expected from flooding, however there still may be:</li> <li>standing water following flooding;</li> <li>flooded properties;</li> <li>flooding or damaged infrastructure.</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Be careful. Flood water may still be around for several days and could be contaminated.</li> <li>If you've been flooded, ring your insurance company as soon as possible.</li> </ul>	<p><b>What it means</b> Severe flooding. Danger to life.</p> <p><b>When it's used</b> When flooding poses a significant risk to life or significant disruption to communities.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Risk of flooding has passed.</li> <li>River or sea levels have dropped back below severe flood warning or flood warning levels.</li> <li>No further flooding is expected.</li> <li>Professional judgment and discussions with partners agree that a severe flood warning status is no longer needed.</li> </ul> <p><b>Impact on the ground</b></p> <ul style="list-style-type: none"> <li>No new impacts expected from flooding, however there still may be:</li> <li>standing water following flooding;</li> <li>flooded properties;</li> <li>flooding or damaged infrastructure.</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Be careful. Flood water may still be around for several days and could be contaminated.</li> <li>If you've been flooded, ring your insurance company as soon as possible.</li> </ul>	<p><b>What it means</b> Severe flooding. Danger to life.</p> <p><b>When it's used</b> When flooding poses a significant risk to life or significant disruption to communities.</p> <p><b>Triggers</b></p> <ul style="list-style-type: none"> <li>Risk of flooding has passed.</li> <li>River or sea levels have dropped back below severe flood warning or flood warning levels.</li> <li>No further flooding is expected.</li> <li>Professional judgment and discussions with partners agree that a severe flood warning status is no longer needed.</li> </ul> <p><b>Impact on the ground</b></p> <ul style="list-style-type: none"> <li>No new impacts expected from flooding, however there still may be:</li> <li>standing water following flooding;</li> <li>flooded properties;</li> <li>flooding or damaged infrastructure.</li> </ul> <p><b>Advice to the public/media</b></p> <ul style="list-style-type: none"> <li>Be careful. Flood water may still be around for several days and could be contaminated.</li> <li>If you've been flooded, ring your insurance company as soon as possible.</li> </ul>	<p><b>Advice to operational organisations</b></p> <ul style="list-style-type: none"> <li>Recovery phase will have started.</li> <li>Advise the public to call <b>Floodline on 0845 988 1188</b> for advice on what to do if they have been affected by flooding.</li> </ul> <p><b>Advice to operational organisations</b></p> <ul style="list-style-type: none"> <li>Check flood response plans for actions required at this stage.</li> <li>Advise the public to put their safety first and to be ready to evacuate should the authorities decide it's needed.</li> <li>Develop clear messages for local communities and the public.</li> </ul>



# Appendix 2 Personal Flood Plan

## Personal flood plan

**Environment Agency**

**Name**

**Let us know when you've completed your flood plan by calling Floodline on 0345 988 1188.**  
This will help us learn more about how people are preparing for flooding.

**Are you signed up to receive flood warnings?**  
If not call Floodline on 0345 988 1188 to see if your area receives free flood warnings.

General contact list	Company name	Contact name	Telephone
Floodline	Environment Agency		<div style="background-color: black; width: 100px; height: 15px;"></div>
Electricity provider			
Gas provider			
Water company			
Telephone provider			
Insurance company and policy number			
Local council			
Local radio station			
Travel/weather info			

**Key locations**

Service cut-off	Description of location
Electricity	
Gas	
Water	


**Who can help/who can you help?**

Relationship	Name	How can they/you help?
Relative		
Friend or neighbour		

Be prepared for flooding. Act now

## Personal flood plan

### What can I do NOW?



Put important documents out of flood risk and protect in polythene

Check your insurance covers you for flooding

Look at the best way of stopping floodwater entering your property

Make a flood plan and prepare a flood kit

Find out where you can get sandbags

Identify who can help you/ who you can help

Identify what you would need to take with you if you had to leave your home

Understand the flood warning codes

**What can you do if a flood is expected in your area?**

Actions	Location
<p><b>Home</b></p> <ul style="list-style-type: none"> <li>● Move furniture and electrical items to safety</li> <li>● Put flood boards, polythene and sandbags in place</li> <li>● Make a list now of what you can move away from the risk</li> <li>● Turn off electricity, water and gas supplies</li> <li>● Roll up carpets and rugs</li> <li>● Unless you have time to remove them hang curtains over rods</li> <li>● Move sentimental items to safety</li> <li>● Put important documents in polythene bags and move to safety</li> </ul>	
<p><b>Garden and outside</b></p> <ul style="list-style-type: none"> <li>● Move your car out of the flood risk area</li> <li>● Move any large or loose items or weigh them down</li> </ul>	
<p><b>Business</b></p> <ul style="list-style-type: none"> <li>● Move important documents, computers and stock</li> <li>● Alert staff and request their help</li> <li>● Farmers move animals and livestock to safety</li> </ul>	
<p><b>Evacuation - Prepare a flood kit in advance</b></p> <ul style="list-style-type: none"> <li>● Inform your family or friends that you may need to leave your home</li> <li>● Get your flood kit together and include a torch, warm and waterproof clothing, water, food, medication, toys for children and pets, rubber gloves and wellingtons</li> </ul>	

There are a range of flood protection products on the market to help you protect your property from flood damage. A directory of these is available from the **National Flood Forum** at [www.bluepages.org.uk](http://www.bluepages.org.uk)

## Be prepared for flooding. Act now

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The consultant will follow accepted procedure in providing the services but given the residual risk associated with any prediction and the variability which can be experienced in flood conditions, the consultant takes no liability for and gives no warranty against actual flooding of any property (client's or third party) or the consequences of flooding in relation to the performance of the service.