

## QUEEN CAMEL PARISH – Flood Risk Assessment (FRA)

### Introductory Notes

- 1: This document has been produced by the Queen Camel Flood Committee (FC) for the purposes of identifying all flood related risks within the parish, serving the local community in accordance with the FC Terms of Reference.
- 2: The document serves as the FC primary management tool for the development, initiation and sustainment of flood mitigation plans.
- 3: This document will be regularly reviewed. The periodicity of review will not exceed 12 months.
- 4: The document identifies two levels of risks, as follows;
  - Tier 1 Risk: Risk directly attributable to flood
  - Tier 2 Risk: Risk indirectly attributable to flood

Flood Authorities and supporting sources of information;

Environmental Agency Website:

[www.gov.uk/government/organisations/environment-agency](http://www.gov.uk/government/organisations/environment-agency)

SSDC (Local Lead Flood Authority):

[www.southsomerset.gov.uk/environment/emergency-planning/flooding/](http://www.southsomerset.gov.uk/environment/emergency-planning/flooding/)

Somerset Local Authorities' Civil Contingencies Unit (SLACCU):

[www.somerset.gov.uk/organisation/partnerships/somerset-local-authorities-civil-contingencies-partnership/](http://www.somerset.gov.uk/organisation/partnerships/somerset-local-authorities-civil-contingencies-partnership/)

Community Resilience In Somerset Project (CRISP):

[www.communityresiliencesomerset.org.uk/](http://www.communityresiliencesomerset.org.uk/)

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#	Risk Description	With the consequence that ...	Probability	Impact	Category	Mitigation	Probability	Impact	Revised Category
1	<b>Rising Water</b> Henshallbrook overflows to the A359  [Greater than 2” rain in 12hrs]  <b>Tier 1 Risk</b>	<b>Local Property Damage</b>  Rising Water increases the risk and damage to property.	3	3	Medium	Reduce by; - Water Course Maintenance #A - FC Communications Plan #B - Correct setting sluice gates at ‘The Old Mill’ #C - Flood Protection (Property flood prevention measures – gates, NRVs, Underfloor Pumps .....etc) #D - Sandbags ready on standby and distributed by FC Team as required. #E - Move Vehicles to High Ground	2	2	Low
2	<b>Rising Water</b> Henshallbrook overflows to the A359  <b>Tier 1 Risk</b>	<b>Commuter Vehicle Damage</b>  Vehicles and passengers become stuck in water	4	3	Medium	Reduce by;  Mitigation as in in item 1, plus  - Road Closure Plan #F - Warning Signs #F	1	3	Low
3	<b>Rising Water</b>  Deep & Fast flowing water courses [River Cam and Henshallbrook]  <b>Tier 1 Risk</b>	<b>Risk to Life by Drowning</b>  Deep water becomes invisible, unpredictable water flows / loss of footing increasing risk to human /pet life.	2	5	Low	Reduce by;  - Increasing local awareness - Warning Signs and Barricade Tape positioned at known danger spots #G - Road Closures #F	1	5	Low
4	<b>Rising Water</b>  Flooding Property  <b>Tier 1 Risk</b>	<b>Risk to Human / Pet life</b>  An increased threat to Human or Pet Life	3	3	Medium	Reduce by; - EA advice in preparation of Flooding - Help Team Rescue #H - Emergency Contact Plan #B - Flood Protection (Property flood prevention measures – gates, NRVs, Underfloor Pumps .....etc) #D - Sandbags ready on standby and distributed by FC Team as required. #E	2	2	Low

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#	Risk Description	With the consequence that ...	Probability	Impact	Category	Mitigation	Probability	Impact	Revised Category
5	<b>Rising Water</b> Flooding Fields  <b>Tier 1 Risk</b>	<b>Risk to Livestock</b> Drowning or Starvation of animals as food source and access to fields become cut off.	2	2	Low	Reduce by;  - Emergency Contact Plan #B	2	2	Low
6	<b>Surge Water</b> Henshallbrook overflows to the A359  <b>Tier 1 Risk</b>	<b>Local Property Damage</b> Passing Vehicles create waves and surges of water that increases the risk of damage to property.	3	2	Low	Reduce by;  Mitigation as in in item 1, plus  - Road Closure Plan #F	1	2	Low
7	<b>Surge Water</b> With the river Cam already at high water <b>Tier 1 Risk</b>	<b>Local Property Damage</b> Incorrect use of water course control assets up-river to QC parish	2	2	Low	Reduce by;  - Increased Awareness of responsibilities and fines - Report events to the LLFA	2	2	Low
8	<b>Muscular Injuries or Strains</b> Preparation or transportation of Sand Bags <b>Tier 2 Risk</b>	<b>Physically Impairment</b> Impact on Fitness to support FC role, prolonged injury or insurance claim	3	2	Low	Reduce by;  - FC Team (sufficient persons) - Correct Equipment (Trolley, Sand Hopper) - Manual Handling Brief	2	2	Low
9	<b>Injuries or Strains</b> Manual control of Sluice Gates at 'The Old Mill'  <b>Tier 2 Risk</b>	<b>Physically Impairment</b> Impact on ability to perform correct gate setting, prolonged injury or insurance claim.	2	2	Low	Reduce by;  - Advance Preparation #C - Correct setting sluice gates at 'The Old Mill' #C - Correct Maintenance - Owner absence contingency plan (Back-up operator) #C	2	2	Low

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#	Risk Description	With the consequence that ...	Probability	Impact	Category	Mitigation	Probability	Impact	Revised Category
10	<b>Incorrect setting of Sluice Gates at the 'Old Mill' in times of Flooding</b>  <b>Tier 2 Risk</b>	<b>Increased risk to localised flooding</b>	2	3	Low	Reduce by;  - As item 9 (above)	2	2	Low
11	<b>Insurance</b>  Excessive premiums or failure to secure Insurance cover  <b>Tier 2 Risk</b>	<b>Property owner pays for own repairs.</b>  Increased financial pressures and stress	2	3	Low	Reduce by;  - EA advice - Flood Re - Knowledge Share	1	3	Low
12	<b>Vehicles stranded in flood water blocking access for Emergency Services</b>  <b>Tier 2 Risk</b>	<b>Risk to Human / Pet life</b>  An increased threat to Human or Pet Life	2	3	Low	Reduce by;  Mitigation as in in item 1, plus  - Road Closure Plan #F - Warning Signs #F			Low

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## Flood Mitigation Plans

Plan Ref	Brief Description	Custodian/ Responsible	Last update	Plan Details
#A	Water Course Management	EA, SSDC, Highways and Riparian Owners	n/a	<p>Information Only (Available for Circulation by request);</p> <p><u>River Cam</u></p> <p>Environmental Agency (River Cam) maintenance work plan – website link  <a href="http://www.gov.uk/government/publications/river-and-coastal-maintenance-programme">www.gov.uk/government/publications/river-and-coastal-maintenance-programme</a></p> <p>Also refer River Cam Flood Alleviation Scheme - schedule of work 'operative check sheet' for Queen Camel, as follows (Contact: Steve Scaddon Mob 07776 160640).</p> <p>6 Monthly checks to be completed April and October annually;</p> <ul style="list-style-type: none"> <li>➤ Flood Bank: Inspect and report defects (108 Metres)</li> <li>➤ Bridges: Check Bridges (x2), hand railing and clear blockages / silt</li> <li>➤ 'The Old Mill' – Check Weir Structure – Clear debris, remove weeds</li> <li>➤ 'The Old Mill' – Cut Grass and Check Spillway</li> <li>➤ Flood Walls and Revetments – Remove Weeds from Walls (100M)</li> </ul> <p>Outfall Maintenance to include; -</p> <p>Clear vegetation from headwall and from around flap. Clean Hinges and lubricate with suitable oil/grease. Clear inside culvert of obstructions/ debris. Clear a good sized area in front of flap from debris mud/silt. Check sealing ring is okay and that the outfall flap is operating correctly.</p> <p><u>Highway Culvert</u> Highways Authority – Remove blockages and Silt</p> <p><u>Mill Court Culvert</u> Riparian Owner responsibility :</p> <p><a href="http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/454562/LIT_7114.pdf">www.gov.uk/government/uploads/system/uploads/attachment_data/file/454562/LIT_7114.pdf</a></p>

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#B	Flood Emergency Contact Plan	Daniel Casley	01:01:17  Reviewed 6 monthly or before if significant changes occur.	<p>FC requirement: Provides up to date contact details to assist (Circulate);</p> <ul style="list-style-type: none"> <li>➤ The process of local communication to provide early warning to property owners (known to be at risk of flooding) and those with local flood responsibilities to support parish residents who require flood advice or support in times of flood.</li> <li>➤ Local flood contacts for flood advice</li> <li>➤ Other flood and emergency numbers (other than local parish)</li> </ul> <p><i>Note: The FC designated coordinator (currently GL) initiates the local communication warning based on the following triggers;</i></p> <ul style="list-style-type: none"> <li>- EA Warning communication (Email, House Phone &amp; Mobile) <a href="http://www.gov.uk/sign-up-for-flood-warnings">www.gov.uk/sign-up-for-flood-warnings</a> <a href="http://flood-warning-information.service.gov.uk">flood-warning-information.service.gov.uk</a></li> <li>- Rain Monitor (greater than 2" of water over 12 hours)</li> <li>- Weather Reports</li> </ul>
#C	The Old Mill – Sluice Gate Management	Martin Lilley / FC chair	n/a	<p>FC Requirement (with Riparian Owner permissions);</p> <p>Owner will be responsible for correct adjustments of Sluice Gates and will notify FC Chair any periods of absence. FC chair or delegated FC member will make adjustment to sluice gates during any absence of the owner.</p>
#D	Property Flood Prevention Measures	FC	n/a	<p>Advice /Info references only (for those that are designated at risk and have not yet taken advantage of funding schemes);</p> <p><a href="http://www.knowyourfloodrisk.co.uk/sites/default/files/FloodGuide_ForHomeowners.pdf">http://www.knowyourfloodrisk.co.uk/sites/default/files/FloodGuide_ForHomeowners.pdf</a></p>

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#E	Sand Bags	FC	n/a	<p>FC Requirement to maintain a stock of ready to use Sandbags.</p> <p><b>Sock Quantity</b> : 100 Bags : 1 remaining bulk bag</p> <p><b>Location</b> : Laurie Chards Barn / Yard</p> <p><b>Distribution</b> : To know properties under threat when imminent threat Prevalent</p> <p>Council Supplied Sand Bags <a href="http://www.southsomerset.gov.uk/environment/emergency-planning/request-sandbags/">www.southsomerset.gov.uk/environment/emergency-planning/request-sandbags/</a></p>
#F	Highway Road Closures (Operation Gannex)	Road Closure Team / Police	tbc	<p>FC Requirement to initiate a communication to the Road Closure lead person (Copy of Operation Gannex File held by G.L.)</p> <p>The FC Coordinator (currently GL) via the contact plan (#B) initiates the Road Closure Team.</p>
#G	Non-Highway warning signs and areas to cordon off	FC	n/a	<p>FC requirement to position signage and /or barricade tape in known areas of risk to the public.</p> <p>Identified Areas:</p> <ul style="list-style-type: none"> <li>- Signs @ Grace Martins Lane, Laurel Lane, Dark Lane and Packhorse Bridge</li> <li>- Post and Barricade Tape @ Low Wall Area between culverts (by triangle)</li> </ul>
#H	Help Team	Help Team Lead	n/a	FC requirement to maintain a Help Team with defined helper contacts.
#J	Flood Insurance	FC	n/a	<p>FC advice to parish residence under threat of Flood.</p> <p><a href="http://www.floodre.co.uk/homeowner/">www.floodre.co.uk/homeowner/</a> <a href="http://www.southsomerset.gov.uk/environment/emergency-planning/flooding/#insurance">www.southsomerset.gov.uk/environment/emergency-planning/flooding/#insurance</a></p>

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