

**STANDING ENVIRONMENT ITEM
DRAFT DERWENT CATCHMENT FLOOD MANAGEMENT PLAN**

RISK MATRIX – ANNEX A

Issue/Risk	Consequences if allowed to happen	Likelihood	Impact	Mitigation	Mitigated Likelihood	Mitigated Impact
<p>The risk lies in not commenting on the DCMP is the risk that high level EA policy will have been set regarding food management which might not take into account fully the issue the community faces..</p> <p>Policy could be set dependant on costs of mitigation as opposed to taking into account the devastation to the community and individuals</p> <p>EG:</p> <p>There have been a number of flash floods in small steep catchments, i.e., Helmsley 2005 and the summer floods of 2007, which have demonstrated the risks to people that may arise during such events.</p> <p>It is important that the risks faced</p>	<p>Inadequate attention to flood defences and prevention leading to flooding to properties, damage to infrastructure and potential danger to life.</p> <p>However there is a limit as to the influence of the Council on EA strategy.</p>	3	C	<p>Ensure that RDC responds to the Plan taking account of local issues</p>	2	B

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<p>in Rapid Response Catchments are understood by all who will be called upon to provide that response.</p> <p>The Ryedale area has 6 Rapid Response Catchment Action Plans namely, Helmsley, Hawnby, Rievaulx, Levisham Station, Fangdale Beck and Pickering.</p>						
<p>The Council with regard to consultation should ensure that the EA takes into account high risk areas. The risk in not doing so could reduce the potential of EA funding into these areas to mitigate against flood risk</p> <p>EG: The Community Risk Register looks at hazards within North Yorkshire and uses a scale system based on the likelihood of the incident happening and the impact of the incident if it did happen. The scores are then</p>	<p>Inadequate attention to flood defences and prevention leading to flooding to properties, damage to infrastructure and potential danger to life.</p> <p>However there is a limit as to the influence of the Council on EA strategy.</p>	3	C	<p>Ensure that RDC responds to the Plan taking account of local issues</p> <p>Eg: There is no mention in the plan of flood defence for Pickering.</p> <p>Over time climate change will reduce the effectiveness of flood defences in Malton and Norton and Old Malton</p>	2	B

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<p>added together to produce a rating of low, medium, high and very high. For Ryedale the flooding risks are either high or very high. To view the Community Risk Register go to: http://www.nysp.org.uk/downloads/</p> <p>A very similar system to the Risk Register was used for the Ryedale Flood Risk Matrix. The risks that scored highest on the Flood Risk Matrix are detailed below. Likelihood and impact ratings have been assigned following the guidelines in the Civil Contingencies Act 2004 guidance <i>Emergency Preparedness (Annex 4D and 4F)</i>.</p> <p>Very High risk <i>Pickering Area</i> – this area is presently undefended, making the likelihood of flooding over the</p>						

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<p>next highly likely with a major impact with approximately 200 properties at risk.</p> <p><i>Malton & Norton</i> – although this community is now defended, there is a possibility of these defences being overtopped leading to significant impact with approximately 250 properties at risk in Malton and Norton.</p> <p>High risk <i>Malton & Norton defence failures.</i> Although the likelihood of this occurring is considered as rare, the impact would be significant with a large area and a high number of properties becoming inundated if left unchecked.</p> <p><i>Old Malton</i> – there would be moderate impact caused by the defences overtopping (possible) or breached (unlikely) over the next 5 years.</p>						

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<p><i>Sinnington</i> is undefended and the likelihood of flooding during the next 5 years is highly possible with the impact considered moderate with 97 properties at risk as a worse case scenario</p>						

Score	Likelihood	Score	Impact
1	Very Low	A	Low
2	Not Likely	B	Minor
3	Likely	C	Medium
4	Very Likely	D	Major
5	Almost Certain	E	Disaster

