

## Risk Calculator for the Community Risk Register

### Measures of Likelihood (Probability)

Level	Descriptor	Chance	Description
1	Very unlikely	0 – 9%	The event will only occur in exceptional circumstances
2	Unlikely	10 – 29%	The event occurs very infrequently - 10's of years
3	Possible	30 – 69%	This event occurs infrequently - once every 5 years
4	Likely	70 – 89%	The event is expected to occur at least once a year
5	certain	90 – 100%	This event occurs multiple times a year

### Measures of Severity (Impact)

Level	Descriptor	Description
1	Negligible	The event has a minimal affect on the Council, our communities and the environment.
2	Slight	The event would have minor effect on the Council, communities and environment requiring an isolated operational response and affecting a single to multiple residences.
3	Moderate	This event will have a moderate effect on the Council affecting a single service area and require an operational response throughout a single community for e.g. an entire street
4	Major	This event will have a major effect on the local environment and multiple local communities. It will affect multiple service areas within the Council and require a sustained response from the Strategic Emergency Management Team. The event will require a detailed recovery plan.
5	Catastrophic	This event will have a devastating effect on the local environment. It has the potential to affect the entire of the Borough and require a major multi-agency response. Recovery actions will be widespread and prolonged.

### Risk Assessment Matrix – Level of Risk

Catastrophic	5	10	15	20	25
Major	4	8	12	16	20
Moderate	3	6	9	12	15
Slight	2	4	6	8	10
Negligible	1	2	3	4	5
 <b>SEVERITY</b>	Very Unlikely	Unlikely	Possible	Likely	Certain
	<b>LIKELIHOOD</b> 				

Minimal	Tolerable	Moderate	Severe
The impact of this risk is minimal. The risk is either of a sufficient low score to not pose any major threat or the likelihood of its occurrence is extremely unlikely.  This risk should be monitored for any change and controls applied appropriately.	The impact of this risk is minor. The risk should be planned against as part of the Major Incident Plan and procedures.  It may be prudent to consider a low frequency monitoring schedule for this risk.	The impact of this risk is significant and would generate a moderate short-term emergency response and recovery.  The risk should have its own operational Emergency plan, which should be communicated and tested with all relevant stakeholders.	The impact of this risk would generate a mutli-agency emergency response.  Resulting in a large prolonged response and protracted and complex recovery arrangement. There should be detailed response and recovery plan put in place should this risk occur.