



## ERP Planning (Emergency Response Plan)

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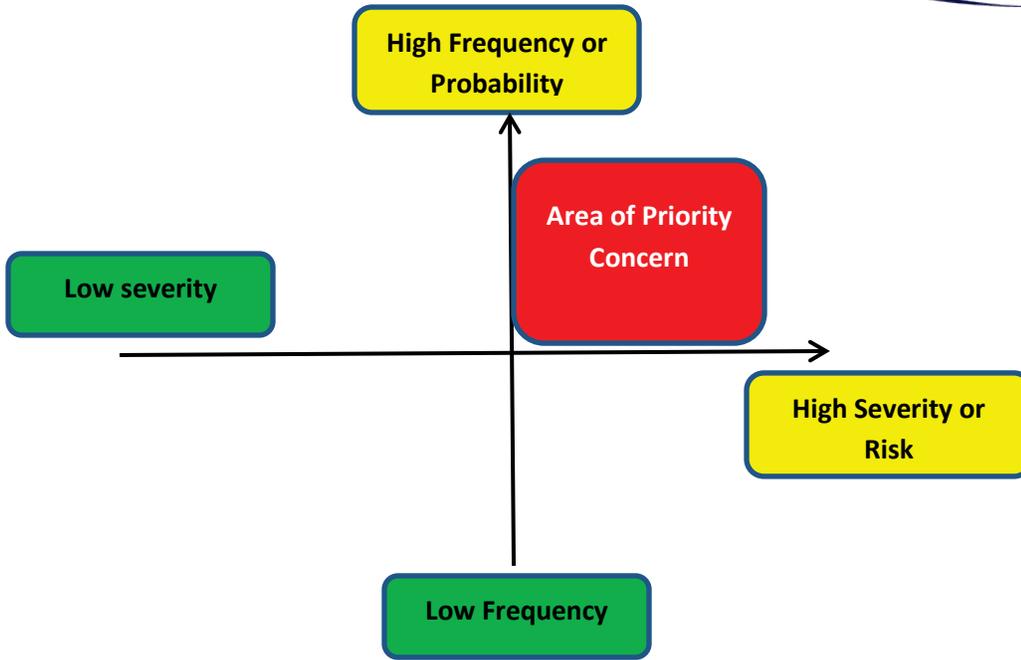
### Four Pillars of Emergency Management

There are four major components or phases in emergency management:

- **Prevention and Mitigation** – to reduce the impact or risks associated with hazards through pro-active measures taken before an event occurs, e.g. through land use management, public education, building protective structures such as dykes, channels, culverts, ditching.
- **Preparedness** – to make ready to respond to a disaster and manage its consequences through measures taken prior to an event, e.g. emergency response plans, business continuity plans, mutual aid assistance agreements, resource inventories, training, equipment and exercises to qualify and improve the plan.
- **Response** – to act during or immediately after a disaster to manage its consequences through, e.g. emergency public warning systems, emergency communications, search and rescue, emergency medical assistance, evacuation, mutual aid assistance, and business continuity management. The response must minimize the suffering and losses associated with disasters.
- **Recovery** – to repair or restore conditions to an acceptable level through measures taken after a disaster, e.g. return of evacuees, trauma counselling, reconstruction, minimizing economic impact and financial assistance programs. The recovery must include long term recovery, prevention and mitigation and assessment of preparedness.

Figures on next page shows where priorities must be placed based on Probability and Risk of any hazard.

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	Impact or Risk	Trivial or No Disruption	Low Disruption	Moderate Disruption	High Disruption	Health Safety	Life Threat
Probability		1	2	3	4	5	6
Unlikely	1	Green	Green	Green	Yellow	Yellow	Red
Low	2	Green	Green	Yellow	Yellow	Red	Red
Medium	3	Green	Yellow	Yellow	Yellow	Red	Red
Likely	4	Green	Yellow	Yellow	Red	Red	Red
High Almost Certain	5	Yellow	Yellow	Red	Red	Red	Red



## Using the Templates to Assess Event Probability and Risk

Using the graphs above to assist in completing the “Event Probability Risk Matrices” that is contained in Appendix 1 will assist in developing a better emergency response plan. It will identify hazards in your business and local area some of which you may not have thought of or been aware of. This information gathering tool may be used by your companies ERP Planning Team to assess the hazards associated with your business and build your ERP.

The events have been broken into three categories: human events, technological events and natural events. The first rating will show the probability of such an event happening in your community, the second rating will determine the risk it poses and the third, the preparedness level will be adjusted as the plan is developed, exercised and reassessed. There are empty spaces on the evaluation matrices to allow more events to be added as necessary. Evaluate every potential event in each of the three categories of probability, risk and preparedness.

Issues to consider for Probability include but are not limited to:

- Known risk
- Historical data
- Manufacturers or vendors statistics
- Future growth of population and industry

Issues to consider for risk include but are not limited to:

- Threat to life or health
- Multiple properties
- Environment
- Economy
- Overwhelming local resources

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- Require provincial or federal assistance
- Disruption of services
- Damage or failure possibilities
- Loss of community trust
- Financial impact
- Legal issues

Issues to consider for preparedness include but are not limited to:

- Status of current plans
- Training status
- Insurance
- Availability of backup systems
- Community resources
- Mutual aid agreements

Another useful assessment matrices that explains the levels is contained in Appendix 2

## Compiling a Contact List and a Resource Directory

After completion of the hazard matrices, resource forms will be added in a database format that can be accessed by the regional dispatch and Lamont County's Emergency Coordinators industrial documents. It will be in hard copy as well in your ERP.

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