

## Worksheet 10: Identifying Treatment Options for the Top Risks in the Community

The preferred treatment options identified for each risk in the last column of this worksheet can be used to assist the fire department to set its type and level of fire protection services. Refer to the **Setting the Type and Level of Fire Protection Services** section of this guideline.

<b>Identifying Treatment Options for the Top Risks in the Community</b> Using Worksheets 1 to 9 identify the top risks or issues/concerns for each of the nine profiles, and identify the preferred treatment option for each.		
<b>Mandatory Profiles</b>	<b>Top Risk or Issues/Concerns</b>	<b>Preferred Treatment Option</b> (refer to the Risk Treatment Options section for suggested treatment options and considerations)
Geographic Profile	Body of water impacts training, equipment for response	Accept Risk - Implement water/ice rescue training protocols, OGs, and activities
	Body of water impacts response time	Accept Risk - Implement appropriate response protocols, OGs, and activities
	Body of water – recreational/tourist activities	Avoid and Mitigate Risk – public education and hotel inspection programs required
	Large Rural area	Accept Risk - Implement appropriate response protocols and Mutual Aid water shuttle, OGs, and activities
	Large Nuclear Power facility within the Municipality	Transfer the Risk - Industrial Fire Brigade with their own inspection and prevention programs Mutual Aid partnership and drill/training opportunities annually

<b>Mandatory Profiles</b>	<b>Top Risk or Issues/Concerns</b>	<b>Preferred Treatment Option</b> (refer to the Risk Treatment Options section for suggested treatment options and considerations)
Building Stock Profile	Lightweight Construction	*Note: For LWC see FM Directive 2022-001  Mitigate Risk – Ensure adherence to FM directive 2022-001 to inform pre planning activities related to emergency responses.
	Age of buildings	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response.
	Use of buildings	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response.
	Building density	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response.
	Height and area	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response.
	Historic and culturally significant buildings	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response.

Mandatory Profiles	Top Risk or Issues/Concerns	Preferred Treatment Option (refer to the Risk Treatment Options section for suggested treatment options and considerations)
Critical Infrastructure Profile	Electricity Distribution	Accept Risk - Implement appropriate response protocols, OGs, and activities Contact information carried by Dispatch service as well as listed in Response vehicles
	Hospital	Accept Risk - Implement appropriate response protocols, OGs, and activities Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response.
	Telecommunications	Accept Risk - Implement appropriate response protocols, OGs, and activities
	Water treatment/Waste water	Accept Risk - Implement appropriate response protocols, OGs, and activities Emergency contacts for Municipal Services carried on response vehicles
	Natural Gas Network	Accept Risk - Implement appropriate response protocols, OGs, and activities Transfer the Risk - Emergency contacts for Natural gas provider
	0 to 18 ages	Avoid the Risk - Education Initiatives through daycares, schools and active presence at Public events
	19 and over	Avoid the Risk - Public education initiatives through various media and active presence at Public events

<b>Mandatory Profiles</b>	<b>Top Risk or Issues/Concerns</b>	<b>Preferred Treatment Option</b> (refer to the Risk Treatment Options section for suggested treatment options and considerations)
Demographic Profile	60 and over ages	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response in Seniors' homes and Long term Care Facilities.
Hazard Profile	High winds - Tornados	Accept Risk - Implement appropriate response protocols, OGs, and activities Initiate EMO operations
	Extreme cold	Accept Risk - Implement appropriate response protocols, OGs, and activities
	Extreme heat	Accept Risk - Implement appropriate response protocols, OGs, and activities
	Road and Highway	Accept Risk - Implement appropriate response protocols, OGs, and activities
	EMS - Medical Calls	Accept Risk - Implement appropriate response protocols, OGs, and activities Conform to tiered response guidelines
	Industrial Fire Brigade - Bruce Power EPS	Accept Risk - Implement appropriate response protocols, OGs, and activities As per Bruce County Mutual Aid

<b>Mandatory Profiles</b>	<b>Top Risk or Issues/Concerns</b>	<b>Preferred Treatment Option</b> (refer to the Risk Treatment Options section for suggested treatment options and considerations)
Public Safety Response Profile		
Community Services Profile	Canadian Red Cross	Accept Risk - Implement appropriate response protocols, OGs, and activities Transfer the Risk - Activate EMO protocols
	Vulnerable Occupancies	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response. Accept Risk - Implement appropriate response protocols, OGs, and activities
	Small to Mid-Scale Businesses	Mitigate Risk - Establish routine fire safety inspection program. Conduct pre planning activities related to emergency response. Accept Risk - Implement appropriate response protocols, OGs, and activities

<b>Mandatory Profiles</b>	<b>Top Risk or Issues/Concerns</b>	<b>Preferred Treatment Option</b> (refer to the Risk Treatment Options section for suggested treatment options and considerations)
Economic Profile		
Past Loss and Event History Profile	Single Unit Fires	Avoid the Risk - Public education initiatives through various media and active presence at Public events Accept Risk - Implement appropriate response protocols, OGs, and activities
	Mobile Home Fires	Avoid the Risk - Public education initiatives through various media and active presence at Public events Accept Risk - Implement appropriate response protocols, OGs, and activities
	Non OBC Fires	Accept Risk - Implement appropriate response protocols, OGs, and activities
	Medical Calls	Accept Risk - Implement appropriate response protocols, OGs, and activities
	Motor Vehicle Collisions	Accept Risk - Implement appropriate response protocols, OGs, and activities