Attachment C
Hazard Vulnerability Assessment Tool
Technological Events

EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	Total Score (Relative Threat*)
	Likelihood this will occur	Possibility of death or injury	Physical losses and damages	Interruption of services	Preplanning	Time, effectiveness, resources	Community/ Mutual Aid staff & supplies	
SCORE	0 = NA 1= Low 2 = Moderate 3 = High	0 = NA 1= Low 2 = Moderate 3 = High	0 = NA 1= Low 2 = Moderate 3 = High	0 = NA 1= Low 2 = Moderate 3 = High	0 = NA 1 = High 2 = Moderate 3 = Low or none	0 = NA 1 = High 2 = Moderate 3 = Low or none	0 = NA 1 = High 2 = Moderate 3 = Low or none	0 - 21
Electrical failure	3	1	1	1	1	1	1	9
Communications failure	2	1	1	2	1	1	1	9
Fire alarm failure	2	1	1	1	1	1	1	8
Fire, internal	2	2	2	3	1	1	1	12
Flood, internal	2	1	2	2	1	1	2	11
Fuel shortage (diesel) generator only	1	2	2	3	1	2	2	13
Generator failure	2	2	2	2	2	2	2	14
Hazmat exposure, internal	1	2	2	3	2	2	1	13
HVAC failure	2	1	2	2	2	2	2	13
Information systems failure	2	1	2	3	2	2	2	14
Medical gas failure/**supply**	2	2	1	2	2	2	2	13
Medical vacuum failure/equip	0	0	0	0	0	0	0	0
Natural gas failure	2	2	2	2	2	2	2	14
Sewer failure	2	2	2	2	2	2	2	14
Steam failure	0	0	0	0	0	0	0	0
Structural damage	1	2	3	3	2	2	1	14
Transportation failure	1	2	0	2	2	2	2	11
Unavailability of supplies	2	2	2	2	2	2	2	14
Water failure	1	1	1	2	2	2	2	11

*Threat increases with higher number