

HAZARD VULNERABILITY ASSESSMENT EVENTS INVOLVING HAZARDOUS MATERIALS

9/18/22

R7 HVA FY23

EVENT	PROBABILITY <i>Likelihood this will occur</i>	SEVERITY = (MAGNITUDE - MITIGATION)						RISK <i>Relative threat*</i>
		HUMAN IMPACT <i>Possibility of death or injury</i>	PROPERTY IMPACT <i>Physical losses and damages</i>	BUSINESS IMPACT <i>Interuption of services</i>	PREPARED-NESS <i>Preplanning</i>	INTERNAL RESPONSE <i>Time, effectivness, resouces</i>	EXTERNAL RESPONSE <i>Community/ Mutual Aid staff and supplies</i>	
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Extensive 2 = Moderate 3 = Low	0 = N/A 1 = Extensive 2 = Moderate 3 = Low	0 = N/A 1 = Extensive 2 = Moderate 3 = Low	0 - 100%
Mass Casualty Hazmat Incident	1	2	1	1	2	1	2	17%
Small Casualty Hazmat Incident	2	2	1	1	2	1	2	33%
Chemical Exposure, internal	1	2	2	1	2	2	2	20%
Small-Medium Sized Internal Spill	1	2	1	1	2	2	2	19%
Large Internal Spill	1	2	2	1	2	2	2	20%
Improper disposal of medical waste	2	1	1	1	2	2	2	33%
Radiologic Exposure, Internal	1	2	2	1	2	2	2	20%
Radiologic Exposure, External	1	2	2	3	3	3	2	28%
Mass Decontamination Adult/Peds	1	1	2	2	3	3	3	26%
AVERAGE								

*Threat increases with percentage.

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Created by: Emergency Preparedness Site Committee

Reviewed/Revised: xx/xxxx

RISK = PROBABILITY * SEVERITY		
0.25	0.42	0.59