

LIKELIHOOD OF OCCURRENCE

CONSEQUENCE

SEVERITY	PEOPLE	ENVIRONMENT	ASSET/ PRODUCTION	REPUTATION	SECURITY	Description	RARE	UNLIKELY	POSSIBLE	LIKELY	ALMOST CERTAIN
							1	2	3	4	5
INSIGNIFICANT	No injury/First aid case or minor health effects.	Release/spill with limited impact to environment and contained at location.	Negligible damage with minimum cost of repair (cost <10,000 USD)/No loss of production.	Public awareness may exist, but no public media attention.	No social or security issues.	1					
MINOR	Medical treatment case (injury/illness), may include modified work duties.	Release/spill with minor impact on environment, but no permanent effect.	Minor damage with negligible time for repair (<100,000 USD)/Production loss less than 24 hours.	Slight local media or political attention.	Minor community disruption or security issues (eg. Small fights, minor thefts).	2					
MODERATE	Loss time injury/illness or severe health effect.	Release/spill with moderate, short-term impact on environment that extends beyond site boundary.	Significant damage requiring restricted access and less than a week to repair (<1,000,000 USD)/Production loss less than 7 days.	Regional local media or political attention.	Significant community disruption (protests which partially stop work, blackmail, major fight or significant theft).	3					
MAJOR	Single fatality or permanent disability or health effects resulting in disabling illness.	Release/spill with serious medium-term impact on environment.	Major damage with sustained access limitations. Repair time over a week (<10,000,000 USD)/Production loss between 8-30 days.	National media or political attention.	Important community disruption (protests which stop work, fraud or corruption).	4					
CATASTROPHIC	Multiple fatalities or health effects resulting in multiple disabling illnesses.	Release/spill with significant long-term impact on environment extending over large area.	Extensive damage with complete site shutdown and access prohibited (>10,000,000 USD)/Operations completely shut down for more than a month.	International media or political attention.	Large community disruption (violent labor unrest, destruction of critical equipment, murder, hijacking, kidnapping or piracy).	5					

Low Risk	Acceptable	Manage for a continued improvement.
Medium Risk	Tolerable	Identify additional controls and recovery measures and implement so that risk has been reduced to the lowest level that is reasonably practicable.
High Risk	Unacceptable	Shall identify additional controls and recovery measures and implement based on hierarchy of controls.