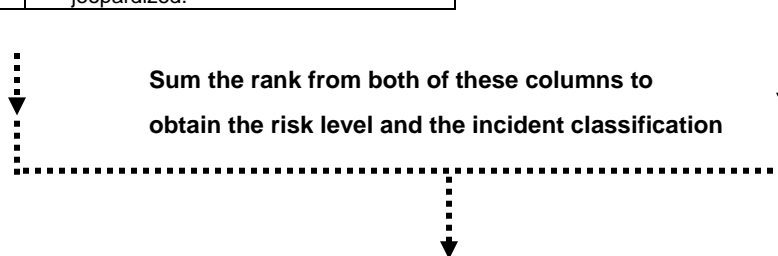


Appendix 4 Assessment Matrix for Classifying Incidents

Rank	Category	Example of consequence in category
1	Minor	<ul style="list-style-type: none"> No worker injuries. Nil or low media interest. Liquid release contained on lease. Gas release impact on lease only.
2	Moderate	<ul style="list-style-type: none"> First aid treatment required for on-lease worker(s). Local and possible regional media interest. Liquid release not contained on lease. Gas release impact has potential to extend beyond lease.
3	Major	<ul style="list-style-type: none"> Worker(s) requires hospitalization. Regional and national media interest. Liquid release extends beyond lease—not contained. Gas release impact extends beyond lease—public health/safety could be jeopardized.
4	Catastrophic	<ul style="list-style-type: none"> Fatality. National and international media interest. Liquid release off lease not contained—potential for, or is, impacting water or sensitive terrain. Gas release impact extends beyond lease—public health/safety jeopardized.

Rank	Descriptor	Description
1	Unlikely	The incident is contained or controlled and it is unlikely that the incident will escalate. There is no chance of additional hazards. Ongoing monitoring required.
2	Moderate	Control of the incident may have deteriorated but imminent control of the hazard by the licensee is probable. It is unlikely that the incident will further escalate.
3	Likely	Imminent and/or intermittent control of the incident is possible. The licensee has the capability of using internal and/or external resources to manage and bring the hazard under control in the near term.
4	Almost certain or currently occurring	The incident is uncontrolled and there is little chance that the licensee will be able to bring the hazard under control in the near term. The licensee will require assistance from outside parties to remedy the situation.

* What is the likelihood that the incident will escalate, resulting in an increased exposure to public health, safety, or the environment?



Risk level	Assessment results
Very low 2-3	Alert
Low 4-5	Level-1 emergency
Medium 6	Level-2 emergency
High 7-8	Level-3 emergency

Table 4. Incident response

	Incident classification			
Responses	Alert	Level-1 emergency	Level-2 emergency	Level-3 emergency
Communications				
Internal	Discretionary, depending on licensee policy.	Notification of off-site management.	Notification of off-site management.	Notification of off-site management.
External public	Courtesy, at licensee discretion.	Mandatory for individuals who have requested notification within the EPZ.	Planned and instructive in accordance with the specific ERP.	Planned and instructive in accordance with the specific ERP.
Media	Reactive, as required.	Reactive, as required.	Proactive media management to local or regional interest.	Proactive media management to national interest.
Government	Reactive, as required. Notify AER if public or media is contacted.	Notify local AER field centre. Call local authority and health authority if public or media is contacted.	Notify local AER field centre, local authority, and health authority.	Notify local AER field centre, local authority, and health authority.
Actions				
Internal	On site, as required by licensee.	On site, as required by licensee. Initial response undertaken in accordance with the site-specific or corporate-level ERP.	Predetermined public safety actions are under way. Corporate management team alerted and may be appropriately engaged to support on-scene responders.	Full implementation of incident management system.
External	On site, as required by licensee.	On site, as required by licensee.	Potential for multi-agency (operator, municipal, provincial, or federal) response.	Immediate multi-agency (operator, municipal, provincial, or federal) response.
Resources				
Internal	Immediate and local. No additional personnel required.	Establish what resources would be required.	Limited supplemental resources or personnel required.	Significant incremental resources required.
External	None.	Begin to establish resources that may be required.	Possible assistance from government agencies and external support services, as required.	Assistance from government agencies and external support services, as required.