

Quarterly Summary Report about recordable incidents under Sec 35 Petroleum (Environment) Regulations

SUMMARY OF RECORDABLE INCIDENTS UNDER SEC 35 PETROLEUM (ENVIRONMENT) REGULATIONS QUARTERLY REPORTING FOR PERIOD 09/03/2019 TO 07/06/2019							
ENVIRONMENT MANAGEMENT PLAN – Mereenie Gas Field							
Incident date (dd/mm/yy)	Area / location	Incident summary	Actual consequence (from risk assessment) ¹	Corrective actions	Relevant Environment Performance Standard	Effect on Relevant Environmental Outcome	Other Regulator notification
03/04/19	Mereenie Gas Field (Well EM15)	<p>Unplanned gas release on the gas reinjection pipeline in the vicinity of the EM15 well due to a failed insulation gasket, resulting in approximately 15,000 standard cubic meters of treated natural gas being released.</p> <p>Mereenie operators became aware of a potential gas release on the above ground gas reinjection pipeline. It was investigated and identified as treated natural gas escaping from the injection line near the EM15 well site. The pipeline and associated processing facility were immediately shut down and isolated, and the gas release ceased as a result. Upon further investigation it was found that a gasket, placed between two flanges of a pipeline joint had failed.</p>	Minor	<ul style="list-style-type: none"> The pipeline and associated processing facility were immediately shut down and isolated A new gasket was installed, and the system was pressure tested to confirm that no further gas release existed before the gas processing facility and pipeline were returned to normal operations. An investigation was undertaken to identify the cause of the gasket failure and to determine appropriate corrective actions. Stocks of gaskets of the same type have been removed from site A risk-based process has been implemented to 	Asset Integrity - No Uncontrolled Releases	No environmental harm	DPIR; NT Worksafe

				replace similar gaskets in use with a more robust style of gasket. High priority locations have been replaced, with a program in place to replace remainder (in lower pressure applications) within 3 months.			
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¹To be attached to the incident & report/advice

Risk Matrix

		Impact Type						Likelihood					
								Remote	Highly Unlikely	Unlikely	Possible	Likely	Highly Likely
		Conceivable, but only in extreme circumstances	Event is very unlikely to occur during the life-span of a project	Event is unlikely to occur during the life-span of a project	Event may occur during the life-span of a project	Event may occur frequently during the life-span of a project	Recurring event during the life-span of a project						
		Health and Safety	Environment	Community	Legal	Reputation	Financial AUD\$	<1% chance of occurring within the next year.	>1% chance of occurring within the next year	>10% chance of occurring within the next year	>30% chance of occurring within the next year	>60% chance of occurring within the next year	>90% chance of occurring within the next year
Impact Level	Catastrophic	Multiple fatalities or life-threatening injury / illness or total permanent disability to multiple people (3 or more).	Extensive permanent impact on / off site or damage to critically endangered species, habitats, ecosystems.	Extensive irreversible impacts to the community or social wellbeing. Long term social unrest. Permanent damage to area/s of cultural significance.	Charges against any director or senior executive involving jail, substantial fine or loss of right to manage the company. Public inquiry – requiring considerable resources and senior executive time. Loss of an asset or loss of licence to operate an asset. Permanent non-voluntary suspension of trading CTP securities on the ASX.	Multiple stakeholder groups confirming coordinated action, as reflected in media channels with significant reach and influence. Negative international or prolonged national media (e.g. 2 weeks).	Loss of value in excess of \$10m Cashflow impact in excess of \$5m	High	High	Very High	Very High	Very High	Very High
	Critical	Single fatality or long life-threatening injury / illness or total permanent disability to a small no. of people (less than 3).	Extensive long term partially reversible impact on / off site or damage to endangered species, habitats, ecosystems.	Extensive reversible impacts to the community or social wellbeing. Prolonged community outrage. Extensive long term partially reversible damage to area/s of cultural significance.	Charges against any director, senior executive or senior manager involving fines but not involving jail or the loss of right to manage the company. Prolonged major litigation – exposure to significant damages, fines or costs. Suspension or restrictions to the benefit of an asset or operate an asset. Prolonged non-voluntary suspension of trading CTP securities on the ASX.	Multiple stakeholder groups mobilising and encouraging other to act, as reflected in media channels with significant reach and influence. Negative media national for 2 days or more.	Loss of value >\$5m to \$10m Cashflow impact >\$1m to \$5m	High	High	High	Very High	Very High	Very High
	Major	Injury or illness to one or more people resulting in permanent partial disability or more than 5 days lost time or alternative / restricted duties for 1 month or more.	Long term reversible impacts on / off site or to vulnerable or near threatened species, habitats, ecosystems.	Significant impacts to the community or social wellbeing. High levels of community tension. Long term partially reversible damage to area/s of cultural significance.	Charges against any employee (not described above). Major litigation - exposure to damages, fines or costs. Short-term non-voluntary suspension	More than one stakeholder group's opinion or view influencing other stakeholders, reported through media channels with some reach and influence. Negative national media for 1 day.	Loss of value >\$1m to \$5m Cashflow impact >\$500k to \$1m	Medium	Medium	Medium	High	Very High	Very High
	Serious	Injury or illness to one or more people resulting in up to 5 days lost time or alternative / restricted duties for up to 1 month.	Serious medium-term reversible impacts on / off site or to low risk / least concern species, habitats, ecosystems.	Moderate impacts to the community or social wellbeing. Moderate levels of community tension. Serious medium-term reversible impacts to area/s of cultural significance.	Non-compliance with conditions of licence to own or operate an asset or to conduct an activity. Litigation - exposure to damages, fines or costs. Non-compliance with internal controls with a serious impact.	More than one stakeholder group offering an opinion or view reported through media channels with some reach and influence. Negative state media.	Loss of value >\$500k to \$1m Cashflow impact >\$250k to \$500k	Low	Low	Medium	Medium	High	High
	Moderate	Injury or illness to 1 or more people resulting in medical treatment.	Moderate short-term impact on / off site or to common regional species, habitats, ecosystems.	Small scale impacts to the community or social wellbeing. Isolated examples of community tension. Moderate short-term impact to areas of cultural significance.	Moderate non-compliance with external mandatory obligations or breach of contractual or other legal obligations (not described above). Litigation possible. Non-compliance with internal controls with a moderate impact	A single stakeholder group drawing attention to an incident, issue, or approach conveyed through local media channels.	Loss of value >\$50k to \$500k Cashflow impact >\$50k to \$250k	Low	Low	Low	Medium	Medium	Medium
	Minor	Injury or illness requiring first aid to 1 or more people, or no treatment recorded (record only).	Minor near source impact on / off site – readily dealt with.	Minor community impact / short-term impact to areas of cultural significance – readily dealt with.	Minor non-compliance with external mandatory obligations or breach of contractual or other legal obligations. Non-compliance with internal controls with a minor impact.	A person or organisation within a stakeholder group signalling an interest in an incident, event or approach, using channels with limited reach or influence. Public concern restricted to local complaints.	Loss of value \$0 to \$50K Cashflow impact >\$0 to \$50k	Low	Low	Low	Low	Medium	Medium