

Recordable Environmental Incident Summary



Mereenie Oil and Gas Field – Environment Management Plan

The following information has been compiled to satisfy the reporting requirements for recordable incidents under Part 3, Division 1, Regulation 35 of the Petroleum (Environment) Regulations. During the period from 3 to 31 March 2021¹ there were 3 recordable incidents.

SUMMARY OF RECORDABLE INCIDENTS UNDER SEC 35 PETROLEUM (ENVIRONMENT)							
QUARTERLY REPORTING PERIOD – 3 to 31 March 2021				ENVIRONMENT MANAGEMENT PLAN – Mereenie Oil and Gas Field			
Incident date	Area / location	Incident summary	Actual consequence ²	Corrective actions	Relevant Environment Performance Standard	Effect on Relevant Environmental Outcome	Additional Regulator Notification
7 March 2021 8am	Mereenie Well – EM40	During a well lease review it was identified that there was a small leak on the stem of the choke valve on EM40. The leak was identified when the meter run was isolated, and the pressure drew down quicker than expected. Due to the minor nature of the leak, there is no way to identify when the leak started or how much gas was released.	Minor	<u>Immediate</u> - The valve was operated to slow the leak. - A work order was raised and completed to change out the packing in the valve.	No uncontrolled release	Minor impact with the gas quickly dissipating into the atmosphere	n/a
9 March 2021 8am	Mereenie CTP	While conducting routine maintenance at the CTP, there was a minor gas leak from the quarter inch tubing from 1st stage suction bottle on K403. The connection failure was found whilst the unit was isolated and under pressure. Due to the minor nature of the leak, there is no way to identify when the leak started or how much gas was released.	Minor	<u>Immediate</u> - A work order was raised and completed to replace the tubing.	No uncontrolled release	Minor impact with the gas quickly dissipating into the atmosphere	n/a
16 March 2021 6:45am	Mereenie ESS	While conducting daily routines at the ESS an operator identified a small pinhole leak on the closed water drain pipework. The leak resulted in approximately 5 litres of oily water being spilt to grade.	Minor	<u>Immediate</u> - The impacted area was cleaned up and the contaminated soil was removed to the on-site bio pit.	No uncontrolled release	No impact as the soil was immediately removed and the area remediated	n/a

¹ The period of the report is less than the required 90 days however the dates have been amended to reflect the requirement to now report quarterly as per guidance from the Minister on 24 March 2021.

² From risk assessment

Risk Matrix

Impact Type							Probability						
							Remote	Unlikely	Possible	Likely	Frequent		
							Conceivable, but only in extreme circumstances	Event is unlikely to occur during the life-span of a project	Event may occur during the life-span of a project	Event likely to occur during the life-span of a project	Recurring event during the life-span of a project		
							<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		
Impact Level	Health and Safety		Environment	Community	Legal	Reputation	Financial AUD\$						
	Extreme	5 or more fatalities or life-threatening injury / illness or total permanent disability.	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 \$20m Cashflow impact in excess of \$5m	High	Very High	Very High	Very High	Very High	
		Critical	1-4 fatalities or life-threatening injury / illness or total permanent or partial disability.	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, 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 >\$10m to \$20m Cashflow impact >\$1m to \$5m	High	High	High	Very High	Very High
			Serious	Injury or illness resulting in partial disability, lost time, or alternative / restricted duties.	Long term reversible impacts on / off site or to vulnerable or near threatened species, habitats, ecosystems.	Impacts to the community or social wellbeing. High levels of community tension. Long / medium term partially reversible damage to area/s of cultural significance.	Charges against any employee (not described above). Non-compliance with conditions of licence to own or operate an asset or to conduct an activity. Litigation - exposure to damages, fines, or costs. Short-term non-voluntary suspension of trading CTP securities on the ASX.	More than one stakeholder group’s opinion or view influencing other stakeholders, reported through media channels with some reach and influence. Negative national / state media for 1 day.	Loss of value >\$2.5m to \$10m Cashflow impact >\$500k to \$1m	Medium	Medium	High	High
		Moderate		Injury or illness to 1 or more people resulting in medical treatment.	Medium / short-term impact on / off site or to low risk / least concern / 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 >\$500k to \$2.5m Cashflow impact >\$250k to \$500k	Low	Medium	Medium	Medium
Minor			Injury or illness requiring first aid to 1 or more people, or no treatment recorded.	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 >\$250 to \$500K Cashflow impact >\$50 to \$250k	Low	Low	Low	Medium	Medium