

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 2 September to 1 December 2020 there were four recordable incidents.

SUMMARY OF RECORDABLE INCIDENTS UNDER SEC 35 PETROLEUM (ENVIRONMENT)							
QUARTERLY REPORTING FOR PERIOD 2/9/2020 TO 1/12/2020				ENVIRONMENT MANAGEMENT PLAN – Mereenie Oil and Gas Field			
Incident date	Area / location	Incident summary	Actual consequence ¹ (from risk assessment)	Corrective actions	Relevant Environment Performance Standard	Effect on Relevant Environmental Outcome	Additional Regulator Notification
5 October 2020 2pm	West Mereenie Flowline	Whilst depressurising the west Mereenie 300 flowline as part of an integrity campaign a plugged drain valve suddenly released which resulted in a small gas release. The gas release lasted for less than 10 seconds and was so minor it could not be calculated.	Minor	<u>Immediate</u> - The valve was shut which stopped the release of gas.	No uncontrolled release of gas	Negligible impact as the gas quickly dissipated into the atmosphere.	n/a
6 October 2020 8am	Mereenie CTP	While draining liquids from an open drain into a spill container under V-424 in the plant, the container fell and approximately 2 litres of oil spilt onto the ground.	Minor	<u>Immediate</u> - Contaminated soil was removed to the bio-pit and the area treated with micro-blaze.	No spills or lead of hazardous material	Negligible impact as the soil was immediately removed and the area remediated.	n/a
2 November 2020 8am	Mereenie Camp	While undertaking a routine inspection of the electric fence around grey water pond, a crack in the top of a 90mm PVC pipe was identified and leaking. It was assumed that livestock grazing in the area had trampled the pipe which carries treated wastewater from bio cycles to pond. It is estimated that approximately 100 litres of grey water was spilt.	Minor	<u>Immediate</u> - Repaired the impacted section of the PVC pipe. - Repaired the fence. <u>Additional</u> - Added replacement of the pipe to the scope for plumber during their next planned visit.	No unregulated disposal of greywater	Negligible impact as the greywater soaked into the surrounding area and has promoted growth of natural vegetation.	n/a

¹ To be attached to the incident & report / advice

Incident date	Area / location	Incident summary	Actual consequence ² (from risk assessment)	Corrective actions	Relevant Environment Performance Standard	Effect on Relevant Environmental Outcome	Additional Regulator Notification
1 December 2020 2pm	Mereenie CTP	During a heavy rainfall event, water began pooling and rising in the pit which resulted in the flare being extinguish resulting in gas venting from the flare. It is estimated that 652.7 sm ³ of gas was vented during the incident which is equivalent to 2.6 tCO ₂ e or 0.00006% of scope 1 and 2 emissions recorded at Mereenie during FY20.	Minor	<u>Immediate</u> - Barricaded the area and notified employees. - Install diversion bank around the pit to direct water away preventing entry. <u>Additional</u> - Assess the design of the pit and consider the installation of a drain to remove any excess water.	No uncontrolled release of gas	Negligible impact as the gas quickly dissipated into the atmosphere.	n/a

² To be attached to the incident & report / advice

Risk Matrix

							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	
Impact Type							<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	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	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	