

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 1 Apr 2021 to 30 Jun 2021 there were 4 recordable incidents.

| SUMMARY OF RECORDABLE INCIDENTS UNDER SEC 35 PETROLEUM (ENVIRONMENT) | | | | | | | |
|--|-----------------|---|---------------------------------|--|---|--|-----------------------------------|
| QUARTERLY REPORTING FOR PERIOD 1 April to 30 June 2021 | | | | ENVIRONMENT MANAGEMENT PLAN – Mereenie Oil and Gas Field | | | |
| Incident date | Area / location | Incident summary | Actual consequence ¹ | Corrective actions | Relevant Environment Performance Standard | Effect on Relevant Environmental Outcome | Additional Regulator Notification |
| 23 April 2021 8.10am | Mereenie ESS | When setting up to blow down EM16 flow line through the test separator, the flare went out venting a small amount of gas to atmosphere. Due to the short duration of the incident (less than 2 minutes) the gas released was not able to be calculated. | Minor | <u>Immediate</u> - The flare was re-lit | No uncontrolled release | Negligible impact with the gas quickly dissipating into the atmosphere. | n/a |
| 13 May 2021 6.45am | Mereenie Wells | Prior to restarting EM30, the instrument gas knock-out pots where drained. However, upon restart approximately 1tr of oil was released and spilt to grade. | Minor | <u>Immediate</u> - A bund was positioned under the control valve and excess liquids drained. - Impacted soil was removed and the area remediated. <u>Additional</u> - Tubing has been connected to the positioner vent and directed to a bund to eliminate any further possibility of spill. | No uncontrolled release | Negligible impact as the soil was immediately removed and the area remediated. | n/a |

¹ From risk assessment

| Incident date | Area / location | Incident summary | Actual consequence | Corrective actions | Relevant Environment Performance Standard | Effect on Relevant Environmental Outcome | Additional Regulator Notification |
|-------------------------|-------------------|---|--------------------|--|---|---|-----------------------------------|
| 14 June 2021 6.00am | Mereenie CTP | During the routine daily inspection, a minor leak was identified emanating from the control valve stem packing at the CTP. 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> - Gas levels in the area checked - Stem packing nuts tightened until leak stopped. <u>Additional</u> - Monitoring of the leak point to ensure the leak has been effectively stopped. | No uncontrolled release | Negligible impact as the gas quickly dissipated into the atmosphere | n/a |
| 18 June 2021 10.20pm | Mereenie Pipeline | During pipeline pressure testing, a pin hole leak was identified in the WM150 gas transfer line resulting in a slow releasing gas leak. It is estimated that 12.2 sm ³ of gas was vented during the incident which is equivalent to 0.05 tCO ₂ e or 0.0000007% of scope 1 and 2 emissions recorded at Mereenie during FY20. | Minor | <u>Immediate</u> - The pipeline was immediately isolated and the area where the gas leak was detected was demarcated. <u>Additional</u> - The gas transfer line has been repaired, however the line has not been recommissioned. - An investigation has been initiated to determine the reason for the leak. | No uncontrolled release | Negligible impact as the gas quickly dissipated into the atmosphere | DITT |

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 |