

Quarterly Recordable Incident Report



Please check the following boxes if applicable to this report

Nil Incident Report:

Interest holder name:	Imperial Oil and Gas	Titleholder business address:	Level 19, 20 Bond Street, Sydney, NSW 2000	Title of environment management plan for the activity:	Imperial 2020-21 Drilling Program NT Exploration Permit (EP) 187 (IMP2-6.1)
Activity type: (e.g. drilling, seismic, HF, production)	Drilling,	Quarter, Year:	Q3 29/12/2020 to 29/03/2021	Title details: (e.g. Exploration Permit no., Production License no.)	EP187

Incident date and time	All material facts and circumstances	Environmental outcome Or performance standard breached OR Environmental impact or risk not specified in the approved EMP	Immediate action taken to avoid or mitigate any adverse environmental impacts or risks of the incident, including actions to stop or control the incident	Corrective action taken, or proposed, to prevent a similar incident occurring in future
07/02/2021 And 14/02/2021	<p>Weekly inspections by Imperial's contractor were not undertaken on the scheduled weeks of 7/02/2021 and 14/02/2021 due to excessive rain and resultant safety concerns accessing the site.</p> <p>The contractor was unable to attend the site due to rain and safety concerns accessing the site. The data submitted for these weeks was determined from visual inspection through the remote site photographic telemetry.</p>	<p>Performance Standard</p> <p>Monitoring EP187 area to minimise impacts to fauna habitat and sensitive vegetation.</p>	<p>Immediate Action</p> <p>The site conditions were continuously checked daily through the remote site photo telemetry system.</p> <p>Impacts</p> <p>No environmental impacts were observed because of this recordable incident.</p> <p>On the 21/2/2021 the contractor was able to access the site and confirmed that no resultant impact occurred as a result of this incident.</p>	<p>Due to the environmental weather patterns for EP187, it may not be possible for all weekly site inspections to occur if they cannot be undertaken in a safe and secure manner</p> <p>To assist with remote site monitoring Imperial has upgraded its remote telemetry capability to include pond level telemetry in addition to the photographic telemetry system.</p>

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17/01/2021	<p>A section of the wastewater pit fauna fencing was first known to have fallen over on 17/01/2021.</p> <p>The fence panels were reported in the weekly site inspection report on 19/01/2021.</p> <p>The contractor who visited the site wasn't able to raise the fence due to the safety requirements in doing so. The fallen over fence panels were stood back up on an additional contractor site visit on the 23/1/2021 with the supplementary delivery of extra supporting fence panels to ensure that the fencing would not fall over again.</p> <p>It was believed that the fence fell over in a storm passing the Carpentaria 1 site between the 16th and 17th of January.</p>	<p>Performance standard:</p> <ul style="list-style-type: none"> No asset integrity failures 	<p>Immediate Action</p> <p>The immediate action undertaken by the Imperial office was to notify the contractor who undertakes the weekly site inspection reports.</p> <p>Imperial staff had already ordered more star pickets and fence panels for the site as mentioned in previous QRIP to act as stabilising panels for the fence line. These materials were available on-site for installation on 23/01/2021.</p> <p>The contractor on the weekly site inspection (19/1/2021) was not able to stand back up the fauna fence due to safety reasons.</p> <p>Multiple contractors attended site on the 23/01/2021 and together reinstalled the fencing with additional re-enforcement of the fence line with extra materials to assist in stabilising the fence in future rain events.</p> <p>Impact</p> <p>No environmental impacts were observed because of this recordable incident. Contractor inspection of site confirmed that there was no fauna casualties as a result of the fence being down over this period of time between 17/01/2021 and 23/01/2021.</p>	<p>Multiple contractors attended site on the 23/01/2021 to reinstall and re-enforce the fence line with extra fencing panels to assist in stabilising the fence to ensure that the fence line would not fall over again in future storm events.</p> <p>The materials previously mentioned in the Q2 October to December 2020 Quarterly Recordable Incident Report arrived on site.</p>
21/02/2021 26/02/2021	<p>On the weekly inspections of the 21/02/2021 and 26/02/2021 the imperial contractor noted that there were sections of the sedimentation fence which was missing due to being eaten by cows and being brittle from the sun.</p>	<p>Performance standard:</p> <ul style="list-style-type: none"> No asset integrity failures 	<p>Immediate Action</p> <p>The immediate action undertaken by the contractor was to replace the missing sedimentation fence.</p> <p>The immediate action undertaken by the Imperial office staff was to order more sedimentation fence to be delivered to site as a backup.</p>	<p>The corrective action undertaken by the contractor was to replace the missing sedimentation fence. The corrective action undertaken by the Imperial office staff was to order more sedimentation fence to be delivered to the site as a backup.</p> <p>Due to the environmental weather patterns for the EP187 and the working cattle station that is operational on the Carpentaria-1 wellsite, no resultant environmental impact no further action is being taken.</p>
4/1/2021 19/01/2021	<p>On the weekly inspections of the 04/01/2021 and 19/01/2021 the imperial contractor noted that there were sections of the sedimentation fence which was missing due to weather events and being brittle from the sun.</p>	<p>Performance standard:</p> <ul style="list-style-type: none"> No asset integrity failures 	<p>Impact</p> <p>No environmental impacts were observed because of these recordable incidents. Contractor inspections of the site confirmed that there were no resultant erosion issues due to this sedimentation fence missing.</p>	<p>Imperial office staff will ensure that there is plenty of back up sedimentation fence available should this issue arise.</p>

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4/02/2021	<p>Imperial became aware of an incomplete sampling analysis on 29/1/2021. Imperial wrote to DEPWS on 04/02/2021 after investigating the cause of improper sampling.</p> <p>The sump testing was not undertaken to the prescribed analysis of Section C.8 of the Code of Practice: Onshore Petroleum Activities in the Northern Territory.</p> <p>Through the Imperial Oil and Gas incident investigation process it was determined that the reason for the missing testing results was a miscalculation by the Laboratory as to the total sample volume required to run the tests, and therefore the size of the containers supplied to Imperial.</p> <p>This calculation has been updated in the Laboratories systems to ensure that the appropriate containers for sampling will be sent to the field in the future.</p>	<p>Environmental Risk not specified in the approved EMP:</p> <p>Incorrect supply of sampling containers for the testing amounts.</p>	<p>Immediate Action</p> <p>The immediate action undertaken by the Imperial was to have the Laboratory send out a new set of bottles to do the re-sampling of the suite of analytes. Imperials sampling contractor was also notified of the requirement for extra sampling and notified of the re-mobilisation requirement.</p> <p>Impact</p> <p>No environmental impacts have occurred due to this recordable incident.</p>	<p>Imperial has had the laboratories update their system with the accurate container requirements to ensure that the appropriate sampling can be undertaken.</p>
25/02/2021	<p>On the 25/02/2021 the water level within the mud sump was pumped down 100mm as a precautionary action. Approximately 100,000L of waste water was transferred into the Turkeys Nest.</p> <p>This precautionary action was undertaken to ensure that the available freeboard of 1.6m was not within foreseeable rain potential.</p> <p>It was determined on the 25th that the Turkeys Nest did not meet the fauna proof fencing requirements. The required fauna mesh panel fence was not installed before the movement of wastewater.</p> <p>Upon this determination, Imperial office staff undertook ordering fauna proof fences which are still on back order.</p>	<p>Performance standard:</p> <ul style="list-style-type: none"> No asset integrity failures 	<p>Immediate Action</p> <p>The immediate action undertaken by the Imperial was to order more of the fauna proof fencing and review the procedures for the wastewater freeboard management plan.</p> <p>Impact</p> <p>No environmental impact has occurred due to this recordable incident.</p>	<p>Imperial’s wastewater freeboard management plan was reviewed and updated to include a check of the fencing requirements of supplementary storage before pumping operations.</p> <p>Fauna fence will be installed once it arrives on site.</p>

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<p>4/1/21 12/1/21</p>	<p>The following weekly site inspection reports detailed on 4/1/21 and 12/1/21 reports on two avian fauna deceased in the drilling waste sump.</p> <p>The species of these avian species was classified through the Birds In the Backyard website as promoted on the Northern Territory "how to identify an animal" website (https://nt.gov.au/environment/animals/identify-species).</p> <p>The species were determined by comparison of photographs provided to Imperial staff by on-site contractors as the Crested Pigeon (<i>Ocyphaps Lophotes</i>)</p> <p>The Crested Pigeon is native to Australia and is common throughout most of the mainland.</p> <p>The Crested Pigeon has a "secure" conservation status and it of "least concern as a threatened status species.</p>	<p>Performance standard:</p> <ul style="list-style-type: none"> • No native fauna impacts (injury or fatality). 	<p>Immediate Action</p> <p>The immediate action undertaken by the Imperial was to remove the birds from the sump for identification and disposal.</p> <p>It was determined that no fauna of importance or significance was impacted. No species of endangered</p> <p>Impact</p> <p>No wide-scale environmental impact is determined to have occurred because of this performance standard incident.</p>	<p>The corrective action taken was to remove and dispose appropriately of the deceased fauna.</p>