

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 5, 6-10 O'Connell Street, Sydney, NSW 2000	Title of environment management plan for the activity:	IMP 4-3 2021-2025 Work Program
Activity type:	Seismic, Drilling, & Hydraulic Fracturing	Quarter, Year:	Q2, 1/04/2023 to 30/06/2023	Title details:	EP 187

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
April 2023	<p>Four groundwater bores on the Carpentaria 2 well pad and one groundwater bore on the Carpentaria 4 well pad are required to be sampled quarterly (due in April 2023) as per Ministerial Approval Condition 5 (ii). One of the 3 bores was not sampled on Carpentaria 2 and the bore on Carpentaria 4 was not sampled.</p> <p>Carpentaria 2: The water pump within one bore, RN042461, had malfunctioned when scheduled sampling was attempted on 26 April 2023. All other three bores were sampled on 26 April 2023.</p> <p>Carpentaria 4: DEPWS were preemptively notified on 19 April 2023 that quarterly Carpentaria 4 sampling for Ministerial Condition 5 (ii) would be delayed due to access track and wet season conditions. Sampling was successfully undertaken on the 17 May 2023.</p>	<p>Ministerial Condition 5: In support of clause B.4.17.2 of the Code of Practice: Onshore Petroleum Activities in the Northern Territory, the interest holder must:</p> <p>(ii) provide to DEPWS, via onshoregas.depws@nt.gov.au, the results of quarterly groundwater monitoring, within one month of collection, in a format to be determined by DEPWS.</p>	<p>Carpentaria 2: A crane truck was mobilized to pull and replace the malfunctioning pump from RN042461 on 11 May 2023. Pump retrieval was unsuccessful due to equipment failure. DEPWS was notified of the delay on 9 June 2023. New equipment has been ordered to re-attempt retrieval of the pump. Equipment mobilization and pump retrieval and sampling is scheduled mid-July 2023.</p> <p>Carpentaria 4: In May 2023, the start of the dry season, a civils team was mobilized to conduct maintenance on the Carpentaria 4 access track to allow access for groundwater sampling. Sampling was successfully undertaken on 17 May 2023 and results were submitted to DEPWS (28 June 2023) within one month of receiving the laboratory sample analysis report.</p>	<p>Carpentaria 2: Once the malfunctioning pump is retrieved, a new groundwater pump will be installed to continue quarterly groundwater sampling as planned. If retrieval is unsuccessful, DEPWS will be notified, and Imperial will provide an updated plan.</p> <p>Carpentaria 4: Imperial to investigate options to: Upgrade the access track to a standard that can more appropriately withstand wet season conditions. Alternatively, utilise all-terrain vehicles to reach sites during periods where soil saturation makes light vehicles prone to bogging.</p>
23 May 2023	<p>During a DEPWS site visit conducted on 23 May 2023 DEPWS identified that the Carpentaria 2 cutting pit, Carpentaria 2 wastewater tank and Carpentaria 4 cutting pit only had wet season freeboard markings (more conservative), not dry season freeboard markings.</p>	<p>All tanks marked with freeboard levels as per seasonal requirements. Pits will be marked with the appropriate freeboard for the season.</p>	<p>Materials were procured to mark the dry season freeboard limits on the tank and pits to supplement the existing wet season markers. DEPWS was provided photographs of the newly applied dry season markers on 4 July 2023.</p>	<p>Imperial are investigating a potential freeboard marker solution that incorporates incremental markings. This system will be particularly beneficial during instances of sensor failure, providing an additional level of redundancy and facilitating more accurate data gathering.</p>

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19 April 2023	Sampling of residual drilling fluids and drill cuttings at Carpentaria 4 delayed due to road and wet season conditions preventing access to Carpentaria 4 well pad.	<p>Ministerial condition 17, In support of clause C.4.1.2 of the code of practice: onshore petroleum activities in the Northern Territory, the interest holder must provide to DEPWS, via onshoregas.depws@nt.gov.au, no later than 3 months of completion of the drilling program on one well pad north and one well pad south of the Carpentaria Highway, a report that:</p> <ul style="list-style-type: none"> i. provides the outcome of assessment and leachability testing of residual drill fluids and drill cuttings; and ii. provides the recommended disposal option 	<p>DEPWS was notified on 19 April 2023 that sampling was delayed.</p> <p>Sampling by a suitably qualified third-party is scheduled to occur in August 2023.</p>	<p>Any future Ministerial Condition 17 sampling to be scheduled at drilling cessation, in the dry season.</p>

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30 June 2023	<p>Ministerial Condition 1 (ii) requires Imperial to provide an updated timetable on the last day of each quarter.</p> <p>Accordingly, a quarterly timetable, prepared for submission, was completed on 29 June 2023 and was emailed to Onshoregas.DEPWS@nt.gov.au on 30 June 2023.</p> <p>Regrettably, due to a technical glitch in the mailbox system, the quarterly timetable failed to send.</p>	<p>Ministerial Condition 1: The interest holder must submit to DEPWS, via Onshoregas.DEPWS@nt.gov.au the following:</p> <p>(ii): An updated timetable for the regulated activity that is to be provided on the last day of each quarter (being 31 March, 30 June, 30 September and 31 December each year), that identifies activities completed in the current quarter and:</p> <p>Regulated activities in the next quarter, including duration;</p> <p>Activities in the next quarter based on commitments in the EMP relevant to the stage of the activity including duration;</p> <p>Due dates for satisfaction of Ministerial approval conditions in the next quarter; and</p> <p>Due dates for regulatory reporting in the next quarter</p>	<p>It was flagged internally that the quarterly timetable had not been delivered to DEPWS.</p> <p>Promptly addressing this issue, the quarterly timetable was successfully resent on Sunday, 2 July 2023, prior to the next business day.</p>	<p>Continue quarterly timetable submitting as planned.</p>