



10 July 2018

Lauren Wallace
1 Dawson Street
Private Bag 2013
DX NP0056
New Plymouth 4342
New Zealand

Dear Lauren

Request for Further Information from Tamarind Taranaki Limited (Tamarind)

The Board of Inquiry (the Board) has asked me to request the following further information under section 54(1) of the Exclusive Economic Zone and Continental Shelf (Environmental Effects) Act 2012 (the EEZ Act) relating to your applications for marine consent to undertake sidetrack development drilling within the Tui Field, and for marine discharge consent to discharge offshore processing drainage from deck drains aboard a drill rig.

The further information is necessary, in the Board's opinion, to assist it in understanding and determining the applications. The further information requested and the reasons for requesting this information are attached in **Appendix 1** to this letter.

In accordance with section 55 of the EEZ Act, within five working days from the date of this request you must either:

- a. provide the requested information; or
- b. write to the EPA agreeing to provide the requested information; or
- c. write to the EPA informing it that you refuse to provide the requested information.

If the Board receives written confirmation from you that you agree to provide the requested information, we are then required to set a reasonable time by which you must provide the information to us (section 55(2) of EEZ Act).

We anticipate that **23 July 2018** is a reasonable date for providing the further information. If you think you will be unable to provide the information to us by that time, please indicate a date by which you will be unable to provide it to us.

Please provide this further information to the EPA. The information will form part of your application and will be made available on the EPA website and provided to other parties.

If you have any questions or further queries please don't hesitate to contact the Project Lead, Amy Selvaraj on 021 676 494 or Amy.Selvaraj@epa.govt.nz.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'R. Johnson'.

Richard Johnson
Manager EEZ Applications
Climate, Land & Oceans

Appendix 1 - Further information requested, July 2018

Section 54 Further Information Requests			Reason
<u>Installation, operation, and removal of a semi-submersible drilling rig</u>			
1	a	<p>Section 3.2.1 of the Impact Assessment (IA) states that drilling rig anchors will be spread around the drilling rig at a diameter of 1.5km - 2.5km. This would result in the anchors protruding from the 500m exclusion zone established under Continental Shelf (Umuroa Installation Safety Zone) Regulations 2008.</p> <p>How will the risks associated with anchor protrusion from the exclusion zone be limited?</p>	So that the Board can better understand the potential adverse effects arising from the installation operation and removal of the drilling rig.
	b	Alternatively, how will anchor protrusion be prevented from occurring?	
2	a	Provide information on the locations intended for contingency rig placements in response to equipment and weather downtime.	
	b	Provide confirmation of the baseline conditions of the benthic environment at these locations.	
3		Provide the expected layout and design of the Offshore Processing Drainage system once the drilling rig is selected.	
4	a	Provide confirmation on the layout of chain, wire and anchor spread to be used for anchoring the drilling rig, once it has been chosen.	
	b	<p>If the number of anchors has the potential to vary due to metocean conditions, please provide information on:</p> <ul style="list-style-type: none"> i. the number of anchors that will be required by the drilling rig under different sets of metocean conditions; and ii. the details of the activities necessary for adjusting the number of anchors in response to changing metocean conditions. 	
5		Will a temporary structure be placed on the seafloor to allow Remotely Operated Vehicles to hold position for extended periods during operations?	
6	a	Are there protective structures already in place which act to mitigate against potential damage to flowlines and the umbilical during activities associated with the current applications?	
	b	If not already present, will such structures be installed?	
	c	If such structures are going to be installed, please provide information on the potential effects of their placement and removal that are relevant to the restricted activities listed in section 20 of the EEZ Act.	

Section 54 Further Information Requests			Reason
<u>Oil spill modelling</u>			
7		Provide justification for the hind cast data timelines used in modelling.	So that the Board can better understand the potential adverse effects arising from an oil spill event
8	a	Provide confirmation of development well pressure statuses.	
	b	Provide information on how long flow from the well would be expected to occur under normal operating conditions, if injection is suspended.	
9		Provide justification for the chosen environmental thresholds used in modelling. The chosen thresholds appear high relative to other oil spill modelling studies carried out by RPS.	
10		A significant proportion of the released oil is not accounted for in the RPS modelling reports. Please provide a summary of the mass balance at the end of simulations, specifically explaining the fate of the persistent fraction.	