

Application Form

Marine discharge consent

Application for a marine discharge consent to undertake a notified or non-notified activity.

Under section 38 of the Exclusive Economic Zone and Continental Shelf (Environmental Effects) Act 2012.

Send to the Environmental Protection Authority:

- By email (eez.info@epa.govt.nz)
- By post (Private Bag 63002, Wellington 6140)
- In person (Level 10, 215 Lambton Quay, Wellington)



Environmental
Protection Authority
Te Mana Rauhi Taiao

New Zealand Government

Completing this application form

This application form should be used if you intend to apply for a marine discharge consent under the Exclusive Economic Zone and Continental Shelf (Environmental Effects) Act 2012 (the EEZ Act).

All notified and non-notified discretionary activities requiring a marine discharge consent are described in the Exclusive Economic Zone and Continental Shelf (Environmental Effects - Discharge and Dumping) Regulations 2015 (the D&D Regulations).

[View the D&D Regulations](#)

The information requirements for making an application are described in sections 38 and 39 of the EEZ Act and regulation 35 of the D&D Regulations.

Your application must:

- a) Be made in the prescribed form, and
- b) Fully describe the proposal, and
- c) Include an impact assessment prepared in accordance with section 39 and any regulations (including regulation 35 of the D&D Regulations).

If these requirements of the EEZ Act are not met, the EPA may return your application as incomplete or request further information from you to complete your application. You may attach additional information to support your application.

We recommend that you discuss these information requirements with EPA staff before lodging the application. Contact details are: 0800 208 338 (from within New Zealand) and +64 04 916 2426 (from overseas), or you can email the EPA at eez.info@epa.govt.nz.

Please send the EPA an electronic copy of your application. Please separate large documents into smaller files less than 30 MB.

All documents lodged with this application, or that are referred to in the application, must be indexed in Section 7: Attachments.

Your personal and company information will be held by the EPA and used in relation to this application. You have the right to access and correct personal information held by the EPA. All information held by the EPA is subject to the Official Information Act 1982. Your full business contact details may be publicly available through our website. Your personal contact details (phone number, address and email) will not be made publicly available.

Section 1: Applicant Details

Organisation name:

Tamarind Taranaki Limited

Postal Address:

Level 8, 33 Gill Street, New Plymouth 4342

Phone:

+64 6 759 2173

Email:

simon.knapman@tamarindresources.com

Key contact name:

Simon Knapman

Phone:

+64 6 759 3717

Email:

simon.knapman@tamarindresources.com

Petroleum Mining Permit/License number (if applicable):

PMP 38158

I understand that the EPA will recover all its actual and reasonable costs associated with processing this application.

Signed



Date

7/3/18.

Section 2: Types of activities covered in this application

What type(s) of discharges are you applying for? Tick the box(es) that apply.

Non-notified activities		Notified discretionary activities	
<input type="checkbox"/>	Discharge of harmful substances described in regulation 4(a) and (b) from offshore processing drainage, displacement water, and production water from an existing structure.	<input checked="" type="checkbox"/>	<u>Discharge of harmful substances described in regulation 4(a) and (b) from offshore processing drainage, displacement water and production water unless discharged from an existing structure or for the purpose of a test flow of an exploration well.</u>
<input type="checkbox"/>	Discharge of harmful substances described in regulation 4(a) and (b) from production water for the purpose of a test flow of an exploration well.	<input type="checkbox"/>	Discharge of seawater used for operational purposes that is contaminated with oil from new floating production storage and offloading facilities and floating storage units that exceeds 15 parts per million, without dilution
<input type="checkbox"/>	Discharge of seawater used for operational purposes that is contaminated with oil from existing floating production storage and offloading facilities and floating storage units that exceeds 15 parts per million, without dilution.	<input type="checkbox"/>	Discharge of sediments by mineral operations other than petroleum operations.
<input type="checkbox"/>	Discharge of harmful substances described in regulation 4(a) from mining activities.		
<input type="checkbox"/>	Discharge of harmful substances contained in drilling fluids.		

Term	Definition
Existing structure	Structure placed prior to 31 October 2015*
New structure	Structure placed on or after 31 October 2015*

*Section 2 of the D&D Regulations

Section 3: The proposal	
Provide a full description of your proposal	Page reference in application or EIA
<p>Tamarind Taranaki Limited (Tamarind) is applying for consents related to activities associated with the side-track drilling within the Tui oil field in New Zealand’s Exclusive Economic Zone (EEZ). The Tui Field is located in the offshore Taranaki Basin in PMP38158 (see figure below) and comprises five producing oil wells, with processing of the produced well fluids by a Floating Production, Storage and Offloading Facility (FPSO).</p> <p>This Marine Discharge Consent addresses those activities listed under section 16 (1) of the Discharge and Dumping Regulations that are associated with the operation of a drilling rig.</p> <p>Specifically, this Marine Discharge Consent application relates to drainage from deck drains from a drilling rig, which is a notified activity. Any other harmful substance discharges associated with future works and that are not authorised under existing approved Discharge Consents will be the subject of a separate non-notified Marine Discharge Consent application to be submitted at a later date.</p> <p>The application is supported by the accompanying document - <i>Tui Field Drilling Activities - Impact Assessment to Support Notified Marine Consent and Marine Discharge Consent Applications</i>, which provides supporting information.</p>	<p>Section 3.6 (Page 64 - 69)</p>
Provide an anticipated timeline for the proposal or outline timeframes to give effect to the proposal	
<p>The activities are anticipated to commence in Autumn 2018 and continue for up to approximately 9 months. The consent is sought for a total period of up to 5 years.</p>	<p>Section 3.6 (Page 64 - 69)</p>
Provide a map showing the location of the activity/activities, including New Zealand map grid reference coordinates	
<p>Please refer to Figure 1.1 and Table 1.2 in the attached Impact Assessment.</p>	<p>Section 1.2 (Page 5 - 6)</p>

Identify the information that addresses the decision-making matters set out in sections 59(2A) and 60 of the EEZ Act	
<p>As part of the proposed activities for which Marine Consent is being sought Tamarind has identified the potential for discharges of harmful substances through offshore processing drainage from a drilling rig brought into the permit area. As the potential discharge activity does not meet the criteria for Regulation 16(2) or 16(3) Tamarind is applying for a notified Marine Discharge Consent under the Discharge and Dumping Regulations. The current application for a Marine Discharge Consent is sought under Regulation 16(1) for the planned discharge of harmful substances via the deck drain system on board the drilling rig. Due to the early planning phase of the proposed activities Tamarind is unable to provide exact details of the deck drain system on board the drill rig, as the specific rig to be utilised for this work has not yet been contracted.</p> <p>To assist in the decision making with respect to Tamarind's current application, best available information regarding the likely characteristics of the deck drainage system on board drilling rigs under consideration and the general nature of chemicals potentially discharged through the drainage system have been included in Section 3.6 in the accompanying Impact Assessment.</p> <p>The effects of proposed activities on the environment and existing interests are addressed comprehensively in Section 8 of the Impact Assessment.</p> <p>References to the relevant Impact Assessment sections addressing each of the requirements of the decision making criteria in s.59 and s.60 the EEZ Act are provided in Tables 2.3 and 2.4 of the Impact Assessment.</p>	<p>Section 2.2 (Page 19 - 37)</p> <p>Section 3.6 (Page 64 - 69)</p> <p>Section 8 (Page 170 -179)</p>

Section 4: Impact assessment

Attach your impact assessment as Appendix 1 to this application. Your assessment needs to contain the information below and must comply with section 39 of the EEZ Act and regulation 35 of the D&D Regulations. Please include the page number(s) indicating where the information can be found within your assessment.

The impact assessment must contain the required information in:

- such detail as corresponds to the scale and significance of the effects that the activity may have on the environment and existing interests; and
- sufficient detail to enable the EPA and persons whose existing interests are or may be affected to understand the nature of the activity and its effects on the environment and existing interests.

	Page ref.
4.1 Describe the activity (or activities) for which consent is sought	Section 3.6 (Page 64 - 69)
4.2 Describe the current state of the area where it is proposed that the activity will be undertaken and the environment surrounding the area	Section 4 (Page 71 – 96)
4.3 Identify persons whose existing interests are likely to be adversely affected by the activity	Section 1.3

	(Page 9 – 15)
<p>4.4 Identify the effects of the activity on the environment and existing interests (including cumulative effects and effects that may occur in New Zealand or in the sea above or beyond the continental shelf beyond the outer limits of the exclusive economic zone)</p>	<p>Section 8 (Page 170 -179)</p> <p>Section 9 (Page 180 - 181)</p> <p>Section 10 (Page 184)</p>
<p>4.5 Identify the effects of the activity on the biological diversity and integrity of marine species, ecosystems, and processes</p>	<p>Section 8 (Page 170 -179)</p>
<p>4.6 Identify the effects of the activity on rare and vulnerable ecosystems and habitats of threatened species</p>	<p>Section 8 (Page 170 -179)</p>
<p>4.7 Describe any consultation undertaken with persons described above in 4.3 and specify those persons who have given written approval to the activity</p>	<p>Section 1.4 (Page 15 – 17)</p>
<p>4.8 Include copies of any written approvals to the activity</p>	N/A
<p>4.9 Specify any possible alternative locations for, or methods for undertaking, the activity that may avoid, remedy, or mitigate any adverse effects</p>	<p>Section 1.5 (Page 17 – 18)</p>
<p>4.10 Specify the measures that could be taken to avoid, remedy, or mitigate the adverse effects identified (including measures that the applicant intends to take).</p>	<p>Section 8 (Page 170 -179)</p> <p>Section 9 (Page 180 - 181)</p> <p>Section 11 (Page 194 – 196)</p>
<p>4.11 Describe the effects of the activity on human health</p>	<p>Section 8.3.5 (Page 178-179)</p>

Section 5: Description of discharges

Information is required for each substance in the application that is ecotoxic to aquatic organisms according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. In order to assess the ecotoxicity of each product, we require the following information for each of the harmful substances you propose to discharge:

Product Name	Best currently available information on potential ecotoxic substances that may be discharged in deck drainage is included in <i>Section 3.6.2</i> of the Impact Assessment.
HSNO Approval Code	
SDS provided (<5 years old)	
All hazard classifications for product	
CAS # of each component and maximum concentration (in g/L and %) of each component	
Specific gravity kg/m ³ of product (and of each component if possible)	
Product state (e.g., solid/liquid). If a liquid mixture, state whether an emulsion; suspension; other	
Solubility in water (mg/L) of product and/or each component	
Use category (e.g., biocide, corrosion inhibitor)	
Maximum concentration at point of discharge (ppm or mg/L)	
Maximum volume discharged per event (L)	Best currently available information on potential ecotoxic substances that may be discharged in deck drainage is included in <i>Section 3.6.2</i> of the Impact Assessment.
Frequency of discharge (number per day, week, or month)	
Minimum interval between discharges	
Acute and chronic aquatic ecotoxicity endpoint(s) for product or each component. E.g., Median Lethal Concentration (LC ₅₀)/Median Effect Concentration (EC ₅₀) or No Observed Effect Concentration (NOEC) values. Please provide supporting studies or evidence	
Sediment reworker ecotoxicity report (for 'sinkers') of product or of each component.	
Bioaccumulation and persistence data for each component. Please provide supporting studies or evidence	

Section 5: Related applications, consents, permits and/or licences

Does your proposal require related applications for marine consent under the EEZ Act?

No

Yes, the consents required are listed below.

What other consents or permits/licences are required for the proposed activity/activities?

None

The required consents, permits and licences are listed below.

Activity	Type of consent required	Reference (if applicable)	Authorisation granted (Y/N)
Installation, operation and removal of a drilling rig, side-track drilling of up to 5 wells, and associated logistic and environmental monitoring activities.	Marine Consent		N – Application concurrent with this marine discharge consent application.

Section 7: Attachments

List **all** documents submitted with the application.

Attachment number	Document name	Author	Document Version
01	Impact assessment under s 39 EEZ Act - <i>Tui Field Drilling Activities - Impact Assessment to Support Notified Marine Consent and Marine Discharge Consent Applications</i>	ERM New Zealand Ltd	Rev 0

Further information

More detailed information is available on our website at www.epa.govt.nz or by contacting us directly.

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