

# EXCLUSIVE ECONOMIC ZONE AND CONTINENTAL SHELF (ENVIRONMENTAL EFFECTS) ACT 2012 (the Act)

## Trans-Tasman Resources Limited iron sand extraction and processing application

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M29 – Minute of the Decision-Making Committee – 22 February 2017

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### Further Expert Conferencing

1. On 3 February 2017 the Decision-making Committee (DMC) issued Minute 20, identifying a number of topics and witnesses to attend expert conferencing. One of these sessions was on the topic of sediment plume modelling. On 10 February 2017 the DMC issued Minute 24, updating topics and witnesses to attend expert conferencing. On 20 February 2017 the DMC heard evidence from experts on sediment plume modelling at the hearing in Wellington.
2. Having considered the evidence provided on the sediment plume model, the DMC considered it would be of value for an additional expert conferencing session on this evidence, where the experts are to focus on establishing appropriate worst case scenario parameters (eg wave periods and conditions, percentage of fines, ocean current flows, no pit at beginning of run, sloping edges of the pit) to apply to a re-run of the sediment plume model.
3. Mr Holm for the applicant requested the addition of Dr MacDiarmid and Dr James who it was stated would need to assess what the new parameters should be. This was objected to by Ms Haazen on behalf of KASM and Greenpeace on the basis that these experts would be involved in matters beyond their expertise, and that other experts would also have to assess this new information and an opportunity would be needed to do this.
4. Having considered these points, the DMC wishes to be clear that at this point the extra session is about the putting the worst case scenario parameters into the model, and not about assessing the effects of the plume that would then be predicted. Therefore, the DMC directs that only the participants in the original session on sediment plume modelling attend this further expert conferencing session as provided for in the **Appendix** to this Minute and that this session focus on establishing appropriate worst case scenario parameters to apply to a re-run of the sediment plume model. This will maintain a consistent approach to expertise and the matters already agreed between these experts through the earlier session. The opportunity for other experts to respond to this new information will be provided.

5. Parties are invited to put forward to the EPA any suggested parameters to be considered as soon as practicable.
6. The further expert conferencing session will be run in general accordance with the directions made in DMC Minutes 20 and 24. The DMC notes that the facilitator will contact each of the witnesses directly to arrange the logistics of the session.

**For the DMC:**

A handwritten signature in blue ink, appearing to read 'Alick Shaw', is positioned above the typed name.

Alick Shaw  
DMC Chair  
22 February 2017

## Appendix 1: Table of attendees and dates (tentative)

### **Sediment plume modelling**

Further conferencing session – Date to be confirmed. Facilitator: 1

Experts to attend	Nominated By	Topics Covered
Dr Michael Dearnaley	TTRL	Sediment plume modelling
Mr Dougal Greer	KASM and Greenpeace	Sediment and Plume Modelling
Dr Greg Barbara	The Fisheries Submitters	Sediment Plume Modelling
Mr Joris Jorissen	The Fisheries Submitters <sup>1</sup>	Laboratory Testing and Plume Modelling
Dr Alexis Berthot/ Dr David Petch (Tele/video Conference)	EPA	Sediment Mobilisation and Transport

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<sup>1</sup> The fisheries submitters include: The New Zealand Federation of Commercial Fishermen Inc, Talleys Group Limited, Southern Inshore Fisheries Management Company Limited, Cloudy Bay Clams Limited.