

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

Trans-Tasman Resources Limited iron sand extraction and processing application

M27 – Minute of the Decision-Making Committee – 17 February 2017

Expert Conferencing

1. On 3 February 2017 the Decision-making Committee (DMC) issued Minute 20, identifying topics and witnesses to attend expert conferencing.
2. On 10 February 2017 the Decision-making Committee (DMC) issued Minute 24, updating topics and witnesses to attend expert conferencing.
3. On 15 February 2017 the DMC received a memorandum from the Fisheries Submitters seeking leave for Mr Bruce Clarke be included in the expert conferencing session on conditions and planning.
4. Having considered the request, the DMC directs Mr Clarke to participate in expert conferencing on conditions and planning, as provided for in the **updated Appendix (version 2)** to this Minute.
5. All the directions made in DMC Minutes 20 and 24 continue to apply to the **updated Appendix (version 2)**.

For the DMC:



Alick Shaw
DMC Chair
17 February 2017

Updated Appendix 1 (version 2): Table of attendees and dates (tentative)

Sediment plume modelling

Day 1 - Monday 13 February 2017 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 ¹	Laboratory Testing and Plume Modelling
Dr Peter Longdill	DoC (requested by DMC)	
Dr Alexis Berthot/ Dr David Petch (Tele/video Conference)	EPA	Sediment Mobilisation and Transport

Eco-toxicity effects

Day 1 – Monday 13 February 2017. Facilitator: 2

Experts to attend	Nominated By	Topics Covered
Dr Mark James	TTRL	Bio-accumulation
Dr Ngaire Phillips	KASM and Greenpeace	Eco-toxicity
Dr Tom Cresswell	EPA	Eco-toxicity

¹ 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.

Effects of sediment plume on primary production

Day 2 Tuesday 14 February 2017 Facilitator: 1

Experts to attend	Nominated By	Topics Covered
Dr Lawrence Cahoon	TTRL	Primary Productivity and optical effects
Dr Mark James	TTRL	Primary Production
Dr Greg Barbara	The Fisheries Submitters	Primary Production
Dr Peter Longdill	DoC (requested by DMC)	
Dr Tony Chiffings (Tele/video Conference)	EPA	Plankton

Effects on fishing

Day 2 – Tuesday 14 February 2017. Facilitator: 2

Experts to attend	Nominated By	Topics Covered
Dr Alison MacDiarmid	TTRL	Commercial fisheries
Mr Andrew Smith	The Fisheries Submitters	Fisheries
Dr Jeremy Helson	The Fisheries Submitters	Fisheries management
Dr Greg Barbara	The Fisheries Submitters	Fisheries
Mr Steve Halley	MPI (at request of the DMC)	Fisheries
Dr Don Robertson	EPA (at request of the DMC)	Fisheries

Effects on benthic ecology in particular sensitive receptor areas

Day 3 – Wednesday 15 February 2017. Facilitator: 1

Experts to attend	Nominated By	Topics Covered
Dr Mark James	TTRL	Overall ecological effects
Dr Iain MacDonald	TTRL	Existing Environment
Dr Alison MacDiarmid	TTRL	Marine effects and benthic ecology
Dr Shaw Mead	KASM and Greenpeace	Ecological Effects and Benthic
Dr Ngaire Phillips	KASM and Greenpeace	Eco-toxicity
Dr Greg Barbara	The Fisheries Submitters	Marine Ecology
Mr Ian Baxter (Tele/video Conference)	EPA	Benthic Ecology

Effects on fish

Day 4 – Thursday 16 February 2017. Facilitator: 1

Experts to attend	Nominated By	Topics Covered
Dr Alison MacDiarmid	TTRL	Effects on Fish
Dr Mark James	TTRL	Effects on Fish
Dr Ngaire Phillips	KASM and Greenpeace	Eco-toxicity
Dr Greg Barbara	The Fisheries Submitters	Effects on Fish
Dr Tony Chiffings (Tele/video Conference)	EPA	Effects on Fish

Effects on seabirds

Day 4 – Thursday 16 February 2017. Facilitator: 2

Experts to attend	Nominated By	Topics Covered
Dr David Thompson	TTRL	Seabirds
Dr John Cockrem	KASM and Greenpeace	Seabirds
Relevant expert to be identified	DOC (at request of the DMC)	

Effects on marine mammals

Day 5 – Friday 17 February 2017. Facilitator: 1

Experts to attend	Nominated By	Topics Covered
Dr Simon Childerhouse	TTRL	Marine Mammals
Dr Alison MacDiarmid	TTRL	Marine mammals
Mr Anton van Helden	Royal Forest and Bird Protection Society New Zealand	Marine Mammals
Dr Elisabeth Slooten	KASM and Greenpeace	Marine Mammals
Dr Leigh Torres	KASM and Greenpeace	Marine Mammals
Dr Greg Barbara	The Fisheries Submitters	Marine Mammals
Relevant expert to be identified	DOC (at request of the DMC)	
Dr Tony Chiffings (Tele/video Conference)	EPA	Marine Mammals

Economics

Day 5 – Friday 17 February 2017 Facilitator: 2

Experts to attend	Nominated By	Topics Covered
Mr Jim Binney	KASM and Greenpeace	Economics
Mr Wennie van Lint (Tele/video Conference)	EPA	Economics
Mr Jason Leung-Wai	TTRL	Economics

Coastal stability/processes

To be arranged with parties and facilitator

Experts to attend	Nominated By	Topics Covered
Dr Terry Hume	TTRL	Coastal stability
Mr Derek Todd	The Fisheries Submitters	Coastal Hazards

Conditions and planning

At a date during the hearing to be identified.

Experts to attend	Nominated By	Topics Covered
Dr Philip Mitchell	TTRL	Planning and Conditions
Mr Daniel Govier	TTRL	Monitoring of effects and management plans
Ms Natasha Sitarz	Royal Forest and Bird Protection Society New Zealand	Planning and Conditions
Mr Graham Young	Ngati Ruanui	Planning
Ms Helen Anderson	The Fisheries Submitters	Environmental Planning
Mr Bruce Clarke	The Fisheries Submitters	Environmental Risk
Dr Rob Lieffering	EPA	Conditions

Appendix 2: Witnesses not proposed to participate in expert conferencing

Expert witnesses with no topic or peer

Witness	Nominated By	Topic
Dr Mike Patrick	TTRL	Overview of other legislation
Dr Barrie Forrest	TTRL	Biosecurity
Mr Buddy Mikaere	TTRL	Cultural impacts assessment
Dr Robert Overy (By Skype)	Origin Energy Resources Kupe NZ Ltd (OERKL)	Geotechnical impacts of the application on OERKL's current and future operations
Mr Chris Carra (By Skype)	Origin Energy Resources Kupe NZ Ltd (OERKL)	Impacts of the application on OERKL's current and future operations

Other witnesses

Witness	Nominated By	Topic
Mr Alan Eggers	TTRL	Chairman TTRL
Mr Matthew Brown	TTRL	Geotechnical
Mr Shawn Thompson	TTRL	Operational Description Project Description
Mr Tokatumoana Walden	TTRL	Stakeholder Engagement
Mr Ant Piper	The Fisheries Submitters	Fisheries
Mr Doug Saunders- Loder	The Fisheries Submitters	Fisheries
Ms Karen Pratt	-	General
Ms Maria Cashmore	Ngati Ruanui	General evidence

Ms Catherine Iorns and Mr Dale Scott	Ngaa Rauru Kiiitahi	Legal
Mr Te Huia Bill Hamilton (via Skype)	Ngaa Rauru Kiiitahi	Human Rights, the Treaty of Waitangi
Turama Hawira	Ngaa Rauru Kiiitahi	Traditional Customary evidence
Dr Andrew Erueti	Ngaa Rauru Kiiitahi	Indigenous rights
Dr Jacinta Ruru/Sarah Down	Ngaa Rauru Kiiitahi	Indigenous rights
Mr Owen Hobbs	Origin Energy Resources Kupe NZ Ltd (OERKL)	Overview Evidence
Mr Iain Curril	Origin Energy Resources Kupe NZ Ltd (OERKL)	Current Operations and Future Expansion
Mr Martyn Alyward	Origin Energy Resources Kupe NZ Ltd (OERKL)	Operations
Ms Kirsty Woods	Te Ohu Kaimoana Trustee Ltd	Customary fisheries