
RAVENSDOWN RESOURCE CONSENT RENEWAL PROJECT
TECHNICAL FOCUS GROUP
MEETING 1 MINUTES - FINAL¹

DATE Thursday 15 April 2021
TIME 12:00pm - 3:00pm
VENUE Ravensdown Ltd, Awatoto, LNI Upstairs Meeting Room and Video Conference

IN ATTENDANCE

Andrew Torrens - Ravensdown	Aki Piper - Kohupātiki Marae
Helen Hurring - Ravensdown	Margi McGuire - Kohupātiki Marae
Bruce Wills - Ravensdown (Director)	Taylor Materoa - Kohupātiki Marae
Marlane Harmer - Ravensdown	Nigel Halpin - BioRich
Jamie Thompson - Ravensdown	Sam Robinson - Ravensdown Customer
Stephen Daysh - Mitchell Daysh	Matthew Brady - DOC (linked via teams)
Anita Anderson - Mitchell Daysh	Senitra Nathan-Marsh - DOC
Malcom Miller - HBRC	Reynold Ball - HBDHB
Tania Diack - HBRC	Glynn O'Rourke - HBDHB
Jack Blunden - HBRC	Tom Kay - Forest and Bird (linked via teams)
Andrew Curtis (PDP) - HBRC Technical Advisor (linked via teams)	
Shane Kelly (Coast and Catchment) - HBRC Technical Advisor (linked via teams)	

APOLOGIES

Chris Wootton - DOC	Chad Tareha - Ngāti Pārau Hapū
Jesse Friedlander - Fish and Game	Antony Rewcastle - HBRC
Ami Coughlan - Fish and Game	Tania Eden - Te Taiwhenua o Te Whanganui-a-Orutū

1. Karakia and Lunch

2. Opening and Introductions

Bruce Wills

- Bruce provided the group an introduction to the consent renewal project noting that the Ravensdown Board would like the reconsenting process to be an open, honest and transparent process.

¹ Confirmed at TFG Meeting 2, 18 May 2021.

3. Background to Technical Focus Group

Stephen Daysh

Presentation - see attached

- Stephen noted that the TFG should be an engagement group for questions, ideas and information rather than for consultation as this group has specific technical knowledge in terms of each individuals expertise and values. The TFG will also provide opportunities for Ravensdown to build relationships for the future.
- Stephen summarised the sites long term working resource consents, noting that applications for the renewal of the sites air and water discharge permits will be lodged with the HBRC in November 2021. The discharge permit for a dye study to provide information for the renewal has been granted and this study was completed in March 2021. A variation to the existing air discharge permit to provide for an upgrade to the manufacturing plant, including a new single stack (chimney) has recently been lodged with the HBRC. An associated land use consent for this upgrade has also been granted by NCC.
- Stephen outlined the process being undertaken by Ravensdown for the renewal of the two consents. Background technical work commenced in 2020. The current focus is to undertake an Alternative Discharge Options Assessment that is a requirement of section 105 of the RMA for the process and stormwater discharge and the air discharge from the site. This options assessment considers the nature of the discharge and possible receiving environments. Ravensdown would like the TFG to assist with this options assessment through feedback on the alternatives and provide a vehicle for engagement with the wider community in an open manner. Ravensdown will then develop the discharge strategy for the air and water discharges that will be subject to the assessment of effects and the consent renewal application. A draft assessment of effects and associated technical reports will be prepared for review by the HBRC and key stakeholders prior to lodgement in November 2021.
- Stephen presented a slide outlining five possible receiving environments for the stormwater and process water discharge. Ravensdown are considering all options on an open minded basis and will produce a report that will be presented to the TFG for feedback.
- Stephen outlined the technical team that has been engaged by Ravensdown for the renewal project. Ravensdown would like to discuss the preparation of a cultural impact assessment report with the TFG members from the mana whenua hapū.

4. Feedback from members on their background and aims for involvement in the TFG

- Stephen Daysh, Partner, Mitchell Daysh - Engaged to assist Ravensdown with the resource consent renewal project. Aim to help Ravensdown achieve a sustainable long term discharge strategy for the site.
- Andrew Torrens, Works Manager, Ravensdown Ltd - Looking forward to getting the TFG members perspective and opinions through the process that can drive change and continuous improvement at the site.
- Anita Anderson, Senior Consultant, Mitchell Daysh - Engaged to assist Ravensdown with the resource consent renewal project.
- Helen Hurring, Napier Consents Manager, Ravensdown Ltd. Project Manager for the resource consent renewal project.
- Sam Robinson, Hawke's Bay farm owner and Ravensdown client and shareholder. TFG process is the intersection of environment, culture and economy.

- Reynold Ball and Glynn O'Rourke, Health Protection Officers, Hawke's Bay District Health Board. Focus on drinking water. Have been in initial discussions with Ravensdown as part of variation and had a site visit. May engage technical advisors from Emission Impossible and ESR in review of application.
- Jamie Thompson, PM - Hort. Market Development, Ravensdown Ltd. Future generations can be considered as a litmus test for the activities of companies like Ravensdown.
- Marlane Harmer, Workshop Fitter, Ravensdown Ltd. Ngati Kahungungu. Proud to work for Ravensdown, a company that cares for its employees and the environment. Sees that the TFG will provide an opportunity to network and learn and provide an opportunity to help the Awa.
- Aki Piper, Kohupātiki Marae and Operation Pātiki Charitable Trust. Looking forward to this process. The area is a coastal spawning ground for long finned tuna and flounder. Discharges into the river have deep effects. This is an opportunity for Ravensdown to do the right thing for the water and encourage life. A Maori saying is that if the Awa is not right, the people are not right.
- Margi McGuire, Kohupātiki Marae and Operation Pātiki Charitable Trust. Been through a journey for the last 10 years to understand the environment and the effects on the Awa, which are evident through less fish and more weeds. There is a duty to get life back to the Awa and give it time to readjust and bring back Aotearoa's pristine environment.
- Senitra Nathan-Marsh, DOC / Te Papa Atawhai, Ranger, Community - Kaitiaki, Ao Hāpori. Provides an eyes on the ground for DOC to this process with interests in the effects on conservation values. Appreciates being involved in the early stage of the project and will be involved alongside Chris Wootton.
- Nigel Halpin, Operations Manager, BioRich and Te Tua Station. Leases land off Ravensdown. Good to be involved as a neighbor and for wider interests of staff.
- Malcolm Miller, HBRC, Manager Consents. (Observer). Early involvement in these processes can help resolve issues. Some of the content will be beyond what is required to be consented but this process points to the intentions of Ravensdown.
- Tania Diack, HBRC, Team Leader Consents (Observer). Planner for these applications and will be the liaison person with the Council technical experts. Main point of contact if any information is need from the Council during the process.
- Jack Blunden, HBRC, Team Leader Compliance - Urban and Industrial (Observer). Councils Monitoring Officer for the Ravensdown site. Good to be involved. Helps to interpret conditions of consent when part of process.
- Taylor Materoa, Kohupātiki Marae. Interested in freshwater and oceans having undertaken various tertiary studies. Good to be involved in the process.
- Matt Brady, DOC / Te Papa Atawhai, Fresh Water Technical Advisor. Based in Hamilton after being based in the Napier office previously and from Taradale so familiar with the site. Provides support to the local office and the decision maker. Would like to see the best outcomes for conservation.
- Andrew Curtis, PDP, Technical Director - Air Quality. Engaged by HBRC as a Technical Expert. Background in chemical engineering. Currently working with HBRC on the air discharge variation application for the changes to the scrubber and stack. Role to ensure that the discharge does not result in adverse effects on the environment, people, and buildings.

- Shane Kelly, Coast and Catchment. Engaged by HBRC as a Technical Expert for coastal water quality and marine ecology. Will assist HBRC to assess the adequacy of the information.
- Tom Kay, Forest and Bird, Freshwater Advocate. From Taradale so familiar with the site. Involved to observe the process. Considers that Ravensdown is operating in an interesting space and context with the use of fertiliser increasing and phosphate imports. Ravensdown should consider sustainability and science.
- Stephen and Helen noted the apologies that were received from various parties.
- Stephen has also been in touch with Marei Apatu from Te Taiwhenua O Heretaunga. Marei could not be part of the TFG due to other commitments and he also said they would have preferred to have been involved in earlier discussions. Aki and Margi said they would keep in touch with Marei.
- Stephen also said that following preliminary meetings, Napier City Council declined to be part of the TFG. Discussions are ongoing separately with Ravensdown around wider Awatoto discharge options.
- Tania said that she will work with the HBRC's Asset Management team to confirm if a representative can be available for the TFG meetings.
- Stephen read an email from Chris stating that DOCs wider interests will be in wetland protection at Waitangi particularly around inanga/whitebait spawning sites, and showed a map of Upoko Conservation Area (Public Conservation Land) showing DOC land interests in the area.
- Stephen asked if any of the group had other ideas of people or groups that could be involved in the TFG.
 - Jamie noted that he had contacted a number of people from the horticulture sector however as it was a busy time of the year (harvest) it was difficult to get representation. He expected a horticultural customer would be identified to attend the TFG Meeting 2.
 - Taylor suggested representation from NKII - either Ngaio Tukia or Jenny Mauger. Anita noted that she had spoken to Shade Smith and he had said NKII would become involved only if asked by a marae or hapū. Margi offered to speak to Shade and Ngaio.
 - There were no other ideas from the group.
 - *NOTE: Tom Kay sent an email to Andrew on 19 April suggesting representatives from Taradale High School be invited to participate in the TFG.*
- To provide context to the group, Jamie explained Ravensdown is co-operative and owned by the shareholders. Shares are purchased for \$1 and only shareholders can be customers of Ravensdown.

Agreed Action 1: Follow up on TFG representation.

- **Horticulture representative - Jamie Thompson**
- **HBRC Asset Management Team - Tania Diack**
- **Shade Smith and NKII - Stephen Daysh and Margi McGuire**
- **Taradale High School representative - Andrew Torrens**

5. Feedback on Terms of Reference

All

- Stephen asked whether there were any questions or feedback on the Terms of Reference for the group. He confirmed that there would be a meeting fee of \$150 for members or their organisations, where attendance at the meetings is outside the scope of their employment.
- Reynold asked if the application would be notified. Stephen said that in his experience it was likely to be publicly notified. Malcolm noted that an applicant can request notification. Ravensdown are yet to decide if they would make this request.
- Shane asked if information presented to future TFG meetings would be pre-circulated. Stephen responded that the intention is to provide this a week prior to the meetings on a “best endeavors” basis. Ravensdown are also developing a project web page and public information will be loaded on to this page.
- Jamie asked that if TFG members could not attend a meeting and wanted to send an alternate, then could they please bring that person up to speed prior to the meeting so that the meetings weren’t held up by going back over information from previous meetings. It was confirmed an alternate was okay and all agreed the members should brief the new person on background matters.

Agreed Action 2: Ravensdown webpage link to be provided to TFG members when available - Helen Hurring

Agreed Action 3: Terms of Reference document to be finalised - Anita Anderson

6. Project Update

Andrew Torrens

- Andrew provided background information about the site and the resource consent renewal project.
 - The site was acquired in 1987 by Ravensdown.
 - The Napier Works has capacity to manufacturer 300,000 tonnes of super phosphate each year.
 - The site operates under three resource consents - Discharge to Air, Discharge to Water, and Watertake. The resource consent renewal project is for the Napier Work’s air and water discharge permits.
 - Ravensdown are working towards an application lodgment date of 30 November 2021 and will be looking for the maximum term of 35 years.
 - Ravensdown have engaged a team of experts to assist with the application.
 - A Governance Group or Steering Committee is overseeing the project for Ravensdown.
 - Ravensdown sees that the TFG is only part of the engagement process and Andrew wants to meet separately with parties to build relationships.

7. Final Questions and Comments

- Shane would like to come to site for a visit when he is in Napier. Andrew agreed to hosting Shane at time that suits.
- Tom may be able to attend some meetings in person.

- Matt asked about the current discharge monitoring and if this data could be made available. Stephen noted that this and the results of the recent dye study will be part of the background report being prepared by Streamlined Environmental. This report will be provided to the TFG when it is finalised.
- Tom asked about the compliance status for the site. Jack provided a Council view of compliance status and noted that there are no on-going non-compliance issues. Ravensdown will provide the TFG a summary of compliance.
- Jamie suggested that he provide some information or a presentation on research projects that Ravensdown are undertaking to help farmers / growers reduce nutrient loss in pasture and cropping.
- Bruce thanked the group for their time at the meeting and noted that he is encouraged by the open and honest approach of the group. He won't be attending every meeting but will keep in touch with the progress.

Agreed Action 4: Provide a summary of Ravensdown's compliance with the discharge to air and water consent conditions - Helen Hurring

Agreed Action 5: Provide further information on research projects - Jamie Thompson

Meeting Closed at 2.40 pm, followed by a site tour for those that were available.

Minutes prepared by Helen Hurring and Anita Anderson



RESOURCE CONSENT RENEWAL PROJECT

TECHNICAL FOCUS GROUP


Meeting 1 - Establishment of TFG
15 April 2021



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Agenda


1. Opening and Introductions	Bruce Wills
2. Background to Technical Focus Group	Stephen Daysh
3. Feedback from members re aims of TFG	All
4. Project update	Andrew Torrens
5. TFG and Project Programme	Stephen Daysh
6. General discussion / questions	All
7. Site tour	Andrew Torrens



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Current Key Resource Consents

Consent Type	Activity Description	Expiry
Discharge to Water	To discharge contaminants into water for the purpose of disposing of stormwater, cooling water from air compressors and a hydraulic drive, water from drinking fountains and a truck wash, water from cooling towers and high pressure boilers, and rinse water from a boiler water treatment plant into the Tūtaekuri River (Waitangi Estuary).	31 May 2022
Discharge to Water	To discharge, for a short-term and temporary duration, Fluorescent Red Rhodamine WT dye into water at the Awatoto Drain from the settling pond at Ravensdown Limited's superphosphate manufacturing plant. COMPLETE	31 May 2023
Discharge to Air	To discharge contaminants into the air from the operation of the company's fertiliser manufacturing plant at Awatoto, including the following processes: <ul style="list-style-type: none"> The manufacture of sulphuric acid, The manufacture of superphosphate fertiliser, The storage, blending and dispatch of bulk and bagged fertilisers and sulphuric acid, The receipt and storage (inside and outside) of raw materials and imported fertiliser, General site operations. <i>Change of Condition application lodged with HBRC (31 March 2021) to provide for an upgrade to the fluoride emission capture and control systems associated with the Manufacturing Plant.</i>	21 Oct 2022
Landuse (NCC)	To authorise a 50m discharge stack and to undertake earthworks associated with the plant upgrade. Granted	N/A
Watertake	To take water from well no's. 15986 and 15989 (150 mm diameters) for use in the manufacture of sulphuric acid and fertilisers.	31 May 2027



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Resource Consent Renewal Process

Stage	Task	Dates
1	Background Information / Baseline Assessment Reviews	2020 - April 2021
2	Undertake Alternative Discharge Options Assessment (RMA S105*)	April - May 2021
3	Confirm Discharge Strategy and Project Description - Air and Water Discharges a. Considering discharge parameters and concentrations / dilutions. b. Any site infrastructure improvements and timeframes.	June 2021
4	Prepare Assessment of Effects relating to selected Discharge Strategy and Project Description	June - July 2021
5	Draft Resource Consent Application and AEE **	October 2021

* RMA section 105 Matters relevant to certain applications
 (1) if an application is for a discharge permit or coastal permit to do something that would contravene section 15 or section 15B, the consent authority must, in addition to the matters in section 104(1), have regard to—
 (a) the nature of the discharge and the sensitivity of the receiving environment to adverse effects, and
 (b) the applicant's reasons for the proposed choice, and
 (c) any possible alternative methods of discharge, including discharge into any other receiving environment.

** Lodge by 30 November 2021

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Potential Receiving Environments for Stormwater and Process Water

- Tutaekuri / Waitangi Estuary Environment
- Land Environment via constructed wetland/soakage
- Land Environment as a source of irrigation water for crops
- Ocean Environment via NCC Stormwater and/or Trade Waste Infrastructure
- Ocean Environment via a new Ravensdown Pipeline

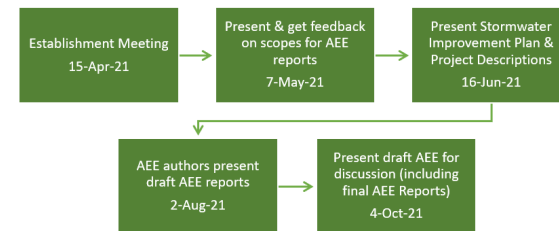
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Technical / AEE Assessments

Assessment	Provider	Technical Expert
Air Discharge		
Process Report - Acid Plant and Manufacture	Chemetics (Acid Plant) and JESA	Jesse Heusch and David Ivell
Air Discharge Strategy and Project Description	Tonkin + Taylor (T+T)	Richard Chilton
Air Quality Effects Assessment		
Vegetation Effects	Plant & Food Research Ltd	Stephen Trolove
Human Health Effects	Environmental Medicine Ltd	Francesca Kelly
Water Discharge		
Water Discharges Strategy and Project Description	Aurecon	Anna Lindgren, David Delagarza, Helen Caley
Estuarine and Marine Ecology and Water Quality	Streamlined Environmental Ltd	Ngairie Phillips, Mike Stewart, Sharon DeLuca
Groundwater Effects	Pattle Delamore Partners Ltd (PDP)	Neil Thomas
General		
Economic Assessment	Economic Solutions	Sean Bevan
Planning	Mitchell Daysh Ltd	Philip McKay
Cultural Impact Assessment	TBC	TBC

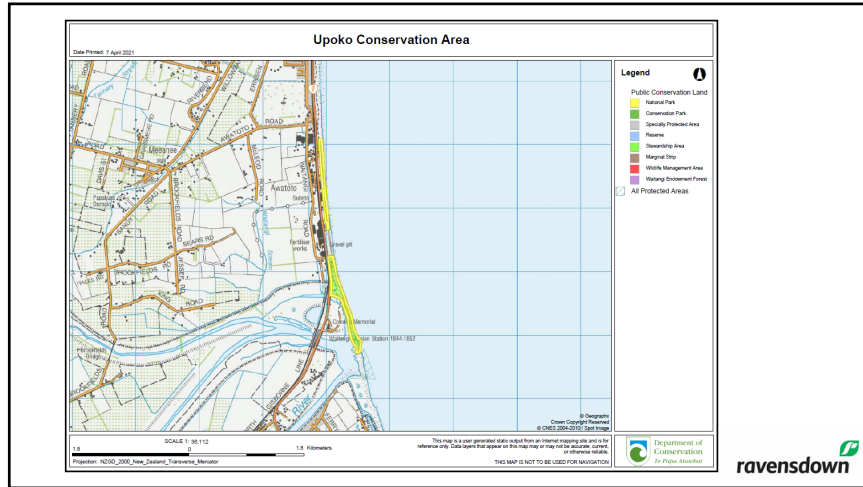
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TFG Programme



* Dates to be confirmed

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Health & Safety on Site

- As you would have experienced on other sites, Ravensdown has risks that we control to keep workers and visitors safe.
- Dust, fumes, sulfur and traffic.
- Please stay in a group with your hosts.
- Please wear the PPE provided at all times.
- If an emergency occurs and the evacuation alarm sounds, please follow your host to the appropriate evacuation assembly point.

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