

**Water and Land Working Party**  
**Wednesday 28 October 2020 at 1:00pm**

**AGENDA**

## Water and Land Working Party Agenda

Meeting to be held in the Council Chamber  
36 Water Street, Whangārei  
on Wednesday 28 October 2020, commencing at 1:00pm

**Please note: working parties and working groups carry NO formal decision-making delegations from council. The purpose of the working party/group is to carry out preparatory work and discussions prior to taking matters to the full council for formal consideration and decision-making. Working party/group meetings are open to the public to attend (unless there are specific grounds under LGOIMA for the public to be excluded).**

### MEMBERSHIP OF THE WATER AND LAND WORKING PARTY

Chairperson, Councillor Justin Blaikie

Councillor Jack Crow	Councillor Amy Macdonald	Councillor Marty Robinson
Councillor Joce Yeoman	Ex-Officio Penny Smart	TTMAC Representative Georgina Connelly
TTMAC Representative Alan Riwaka	TTMAC Representative Janelle Beazley	TTMAC Representative Mira Norris
TTMAC Representative Victor Holloway		

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<b>1.0 HOUSEKEEPING</b>	
<b>2.0 APOLOGIES</b>	
<b>3.0 DECLARATIONS OF CONFLICTS OF INTEREST</b>	
<b>4.0 REPORTS</b>	
<b>4.1</b> Receipt of Action Sheet	3
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<b>4.3</b> Hokianga Harbour Project - Modelling Contaminant Loading	5
<b>4.4</b> Summary of New Land and Water Management Work	6

**TITLE:** Receipt of Action Sheet  
**ID:** A1377443  
**From:** Kathryn Pabirowski, Regulatory Services Admin/PA  
**Authorised by** Colin Dall, Group Manager - Regulatory Services, on date 23 October 2020  
**Group Manager:**

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### **Executive summary/Whakārapopotanga**

The purpose of this report is to enable the meeting to receive the current action sheet.

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### **Recommendation**

That the action sheet be received.

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### **Attachments/Ngā tapirihanga**

Attachment 1: Action Sheet - 29 July 2020  

## ACTIONS – Water and Land Working Party

29 July 2020

Item	Agreed Action	Action By
3.1 Review of Action Points from the Last Meeting	<ul style="list-style-type: none"><li>▪ Draft a letter to MPI to find out when it plans to undertake a more comprehensive review of the National Environmental Standard for Plantation Forestry, noting the council's concerns about the accuracy of the standards erosion classification with respect to Northland's soils. Recommendation from Working Party was that the draft letter be reviewed and approved by council prior to it being also sent to the Minister for the Environment.</li></ul>	Colin Dall <i>(to co-ordinate)</i>
3.2 Preparing for the next Drought – 2020 Drought and Improving Water Resilience	<ul style="list-style-type: none"><li>▪ Present the "Preparing for the next Drought – 2020 Drought and Improving Water Resilience" presentation (or similar) to TTMAC.</li></ul>	Jason Donaghy Colin Dall

**TITLE:** Hokianga Harbour Project - Modelling Contaminant Loading

**ID:** A1379433

**From:** Colin Dall, Group Manager - Regulatory Services

**Authorised by Group Manager:** Colin Dall, Group Manager - Regulatory Services, on date 23 October 2020

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### **Executive summary/Whakarāpopototanga**

Improving the health of the Hokianga Harbour and catchment is of interest to the Northland Regional Council and the local community.

To better understand the processes and activities influencing water quality in the catchment and Harbour, the council commissioned Land and Water Science (“LWS”) to apply the physiographic approach to model the catchment’s and Harbour’s current and pre-human nutrient (nitrogen and phosphorus), sediment and E. coli loads.

LWS will be presenting the outcomes of this work at the Working Party meeting on 28 October 2020. Some presentation slides may be circulated prior to the presentation on Tuesday 27 October.

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### **Recommended actions**

Nil – for information purposes only

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### **Attachments/Ngā tapirihanga**

Nil

**TITLE:** Summary of New Land and Water Management Work  
**ID:** A1379416  
**From:** Colin Dall, Group Manager - Regulatory Services  
**Authorised by** Colin Dall, Group Manager - Regulatory Services, on date 23 October 2020  
**Group Manager:**

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### Executive summary/Whakarāpopototanga

The following table provides a brief summary to the Working Party for its information of new projects that relate to water and land management that the Northland Regional Council has either initiated or is supporting:

Project	Status
Water quality state model (physiographic controls) for Northland	Report completed September 2020.
Northland specific customised CLUES (Catchment Land Use for Environmental Sustainability) model for Total Nitrogen, Total Phosphorous and E.coli	Model completion due by end of 2020.
Supporting NIWA Lake dynamic modelling trial – Lake Ōmāpere	NRC currently providing water quality, lake level and flow (at lake outlet) data.
2019-2020 drought impacts on Northland river ecosystem health	Stage 1 report on state and trends for river ecosystem health at 60 sites completed in September 2020. Stage 2 report on detailed analysis of drought impacts due by June 2021.
Microplastics monitoring – marine and lake sites – AIM <sup>2</sup> (Aotearoa Impacts and Mitigation of Microplastics) and GALACTIC (GlobAl Lake miCroplasTICs) projects	Sampling completed in August and September 2020.
Supporting NIWA and Ngāti Kuta project to survey the ecology of the Ipipiri platform in the Bay of Islands	NRC support to be provided in October/ November 2020. Report due to be completed by mid-2021.
Coastal erosion tool	In development.
Whangarei Urban Awa Project	Project manager recruited in September 2020.

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### Recommended actions

Nil – for information purposes only.

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### Attachments/Ngā tapirihanga

Nil