

Under the Resource Management Act 1991

And

In the matter of Proposed Plan Change 2 to the Rotorua District Plan

STATEMENT OF EVIDENCE OF GREGORIO PASCUA MANZANO

Dated 22 September 2020

TOMPKINS | WAKE

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INTRODUCTION

- 1 My full name is Gregorio (Greg) Pascua Manzano.
- 2 I am the Manager Infrastructure Planning for Rotorua Lakes Council (**RLC**). I have held this role for the last five years.
- 3 I am authorised to give this evidence on behalf of RLC as a territorial authority with statutory duties under the Local Government Act 2002 (LGA) and the Resource Management Act 1991 (RMA) to provide essential infrastructure to the community of Rotorua District. One focus of my role, in this respect, relates to the Three Waters infrastructure being infrastructure required to convey stormwater, wastewater and drinking water.

HEARING PANEL QUESTIONS ON RLC STORMWATER INITIATIVES

- 4 Due to illness I have not been able to attend the first or second days of the hearing on Proposed Plan Change 2 (**Plan Change**) to the Operative Rotorua District Plan (**District Plan**), however I understand the Plan Change Hearing Panel (**Hearing Panel**) has sought further information on RLC's current stormwater initiatives within the Lake Rotorua Catchment. I will do my best to provide this further information in my evidence.

Comprehensive Stormwater Consent

- 5 RLC originally applied to Bay of Plenty Regional Council (**Regional Council**) for a comprehensive stormwater consent (**CSC**) in 2001. The CSC application was the subject of two substantial updates in June 2015 and again in December 2018. The CSC application includes the Pukehangi Heights Development Area as part of a Rotorua Urban Stormwater Catchment Management Plan submitted as part of the 2018 update.
- 6 The CSC application process was then subject to a high level review by Regional Council in 2019. This review was completed earlier this year.

- 7 Following the Regional Council review, a meeting was convened between RLC, Regional Council and Te Arawa Lakes Trust (**TALT**) in late June to discuss iwi engagement and the development of a cultural impact assessment (**CIA**) to assist the Regional Council's consideration of the CSC application.
- 8 The CSC application is currently the subject of three significant work flows:
- a RLC has prepared a framework for iwi engagement which is now awaiting TALT consideration and approval. A CIA will be developed as an outcome of that engagement. Engagement with the wider community will occur in parallel with iwi engagement.
 - b RLC continues to undertake and analyse water quality samples in critical outlets. This analysis will supplement information already contained in the CSC application.
 - c The Regional Council is undertaking a technical review of the CSC application. RLC will then update the CSC application in response to the outcomes of the review.

Catchment Management Plan

- 9 A Rotorua Urban Stormwater Catchment Management Plan (**CMP**), covering the entire Rotorua urban area, including the Pukehangi Heights Development Area (subject to its current pre-Plan Change 2 zoning under the Operative District Plan), was prepared and submitted in support of the CSC application in 2018.

Stormwater Masterplan

- 10 The objective of the Rotorua Stormwater Masterplan (**Stormwater Masterplan**) is to identify integrated flood management solutions to facilitate urban growth in Rotorua and, as a result, form the basis of RLC's capital mitigation works¹ to address stormwater issues in catchments

¹ Works are intended to cover both the upgrade of existing infrastructure and construction of new infrastructure.

earmarked for development. The Pukehangi Heights Development Area is contained in the Stormwater Masterplan's Catchments 14 and 15 as illustrated in **Annexure 1** of my evidence.

- 11 The Stormwater Masterplan will involve two separate but related phases of work:
 - a Phase 1 involves an assessment of concept options to identify preferred options. This includes stormwater / flood modelling. An outline of the tasks to be undertaken in Phase 1 is attached as **Annexure 2** to my evidence.² Work in Phase 1 commenced in May this year.
 - b Phase 2 will involve a detailed feasibility investigation of the preferred option(s) identified through Phase 1. Work in Phase 2 will not commence until the completion of Phase 1.
- 12 I understand that a draft Stormwater Masterplan will be ready in mid-November. A final Stormwater Masterplan will be issued following a comprehensive review of the draft by RLC. The Phase 2 work will then commence to confirm the feasibility and design of the preferred option(s) identified in Phase 1.
- 13 In December 2019 RLC contacted relevant landowners to provide an indicative timeline and set out the programme of the stormwater management projects including the Stormwater Masterplan. A copy of that letter is attached as **Annexure 3** to my evidence.
- 14 I have also attached a flowchart illustrating RLC's overall stormwater consenting process as **Annexure 4**.

Greg Manzano

Manager Infrastructure Planning, Rotorua Lakes Council

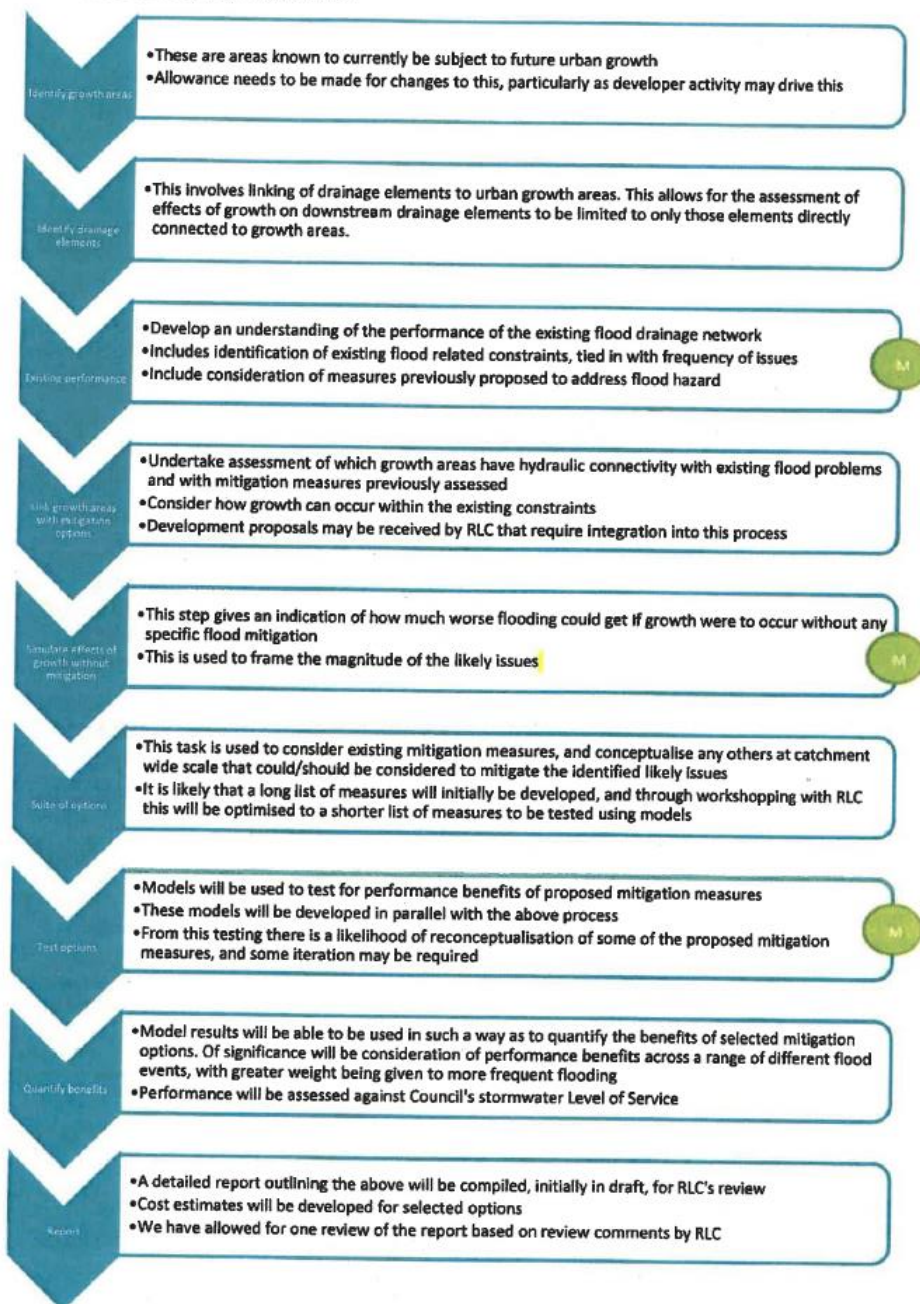
22 September 2020

² Modelling is a component of those tasks identified by a green M symbol.

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Stormwater masterplanning process



Annexure 3



6 December 2019

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Re: Works proposed to assist with development within the Pukehangi Heights Plan Change Area

The work the Council has carried out in preparing a Plan Change for the Pukehangi Heights Development Area has highlighted the influence that stormwater management has on planning for this area. The purpose of this letter is to set out the programme of stormwater management projects that Council is leading and funding for the Utuhina Catchment, with a view to positively enabling development to occur at Pukehangi Heights.

The proposed Structure Plan for the Pukehangi Height Development Area shows the indicative location of stormwater detention areas and the main overland flow paths based on Conceptual Stormwater Management Plans prepared for each of the three properties within the Development Area.

Finalising the design of the stormwater management system for the development is constrained by currently incomplete information on the Utuhina catchment. An effective Catchment Management Plan for the total catchment requires modelling that will enable consideration of issues such as future development, current flooding risk, and climate change. This work is underway, but not yet complete. The Council has an obligation under the Regional Policy Statement to reduce risk in areas where existing flood risk is high.

Given these unresolved issues, the proposed Plan Change provisions require a catchment based Stormwater Management Plan to be prepared prior to any subdivision and development occurring. Developers will also need to obtain stormwater discharge consents from the Bay of Plenty Regional Council to enable development to occur. This will require an assessment of water quality and quantity effects, consultation with a range of stakeholders including Iwi, and consideration of effects on downstream risks and other potentially affected persons.

The council recognises that the proposed Plan Change provisions are a relatively onerous requirement for any individual land owner or developer to meet. The Council also recognises that land owners and developers may lack the ability to act where the most practicable and efficient mitigation option may not be on the land that they own, or under their control.

For these reasons, the council is leading the necessary programme of work to provide catchment based stormwater solutions that will enable development at Pukehangi Heights to proceed once the Plan Change becomes operative.

The table on the following page sets out the current situation for each of the main workstreams.

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Rotorua Lakes Council is the operating name of Rotorua District Council.

Project	Current Situation	Timing	Leader
Utuhina Catchment Modelling	BOPRC are leading the work on stormwater modelling in collaboration with RLC. The modelling results will inform the other workstreams.	The timeframes for completion are dependent on calibration of the model.	Kathy Thiel-Lardon
Flood Risk Assessment	OPUS and NIWA are assisting with the assessment of flood risk under Risk Management Framework of the RPS.	Timing is subject to modelling being completed – early next year is likely.	Kate Dahm/Kim Smith
Stormwater Master Plan	TnT are assisting with the development of Stormwater Master Plan for critical catchments. The Pukehangi Heights Development Area is identified as a critical catchment. Decisions on infrastructure investment will be determined based on the results of scenario modelling that will be completed in conjunction with BOPRC.	The intention is to complete the Master Plan by January/February 2020. The infrastructure upgrade investment required will be included in the 2021/2031 LTP update for adoption in June 2021. If the work programme is approved, this will be for implementation within the 10 year LTP period.	Greg Manzano
Comprehensive Stormwater Consent Application or Collective Discharge consent for the three sites	An application for a CSC was lodged with BOPRC in June 2015. The CSC covers all of Rotorua Urban Area. The application is currently on hold awaiting the submission of further information. RLC is currently working with TALT to facilitate the development of the	Commissioning and completion of the CIA is expected to take approximately 6 months starting with iwi and hapu workshops.	Greg Manzano

Project	Current Situation	Timing	Leader
	<p>Cultural Impact Assessment (CIA) to submit with the application.</p> <p>Opportunities are being considered to enhance the discharge consent application process with modelled data. This will ensure that issues are addressed effectively and efficiently on a comprehensive basis across the catchment, thereby simplifying the future development consent process.</p> <p>The application will be extended to include the critical catchments from the Stormwater Master Plan, including Pukehangi Heights Development Area.</p> <p>Should the CSC be delayed Council will consider progressing an individual discharge consent for the Pukehangi Heights plan change area.</p>		
Pukehangi Plan Change	<p>Plan Change documentation is ready for notification, pending decision from the Minister on use of the Streamlined Plan Change process.</p>	<p>The current programme (based on streamlined process) assumes:</p> <ul style="list-style-type: none"> • Public Notification - January 2020 • 180 Working Days from Ministers decision to use SPP through to Commissioners recommendations to Minister. 	

With the indicated timeframes, we believe there is a likelihood that the key stormwater questions (size of on-site detention areas and downstream risk) will be able to be answered in time for the Pukehangi Heights Plan Change hearing.

I will provide an update on the programme at regular intervals (3-monthly) and bring any other issues to your attention as required. In the meantime, I encourage you to support and participate in the programme when the opportunity arises.

If you have any questions, please contact me.

Yours sincerely
Rotorua Lakes Council

Henry Weston
Group Manager - Operations

Stormwater Consenting Process

1. Comprehensive Stormwater Discharge Permit

Applicant: RLC Consent Authority: BOPRC

- Resource Management Act 1991 and Regional Natural Resources Plan
- Authorises existing discharges within Rotorua's urban area
- Provides for the level of development allowed by the district plan
- Conditions of consent will include a catchment management plan
- Timing: Application lodged 2001, further information provided 2015 and 2018, currently subject to technical review by BOPRC and consultation with iwi.



2. Discharge permit for Pukehangi Heights

Applicant: RLC Consent Authority: BOPRC

- Resource Management Act 1991 and Regional Natural Resources Plan
- Can be added to the comprehensive stormwater discharge permit, or pursued as a separate application (either for the Utuhina Catchment or the Development Area)
- Would be a collaborative process with landowners
- Timing: Application to be developed and lodged following confirmation of Plan Change 2



3. Stormwater management plans

Applicant: Landowners Consent Authority: RLC

- Required by Plan Change 2 to the Rotorua District Plan
- Catchment-wide modelling will have been completed by RLC as part of the Discharge Permit for Pukehangi Heights
- Landowners can either comply with RLC's discharge permit, or design their own system and apply for a separate discharge permit
- Timing: Forms part of applications for subdivision consent within the Development Area.

Stormwater Masterplan (RLC)

- Non statutory process
- Intended to inform Council's decisions regarding the provision of stormwater infrastructure within future growth areas
- Timing: Stage one due mid November 2020. Stage two timeframe not yet determined

