



**ROTORUA  
LAKES COUNCIL**  
Te Kaunihera o ngā Roto o Rotorua

# **Kaupapataka Agenda**

## **NOTICE OF A MEETING OF INFRASTRUCTURE AND ENVIRONMENT COMMITTEE**

**Date:** Wednesday 3 July 2024

**Time:** 9:30 am

**Venue:** Council Chamber

### **MEMBERSHIP**

**Chair**

Cr Barker

**Members**

Cr Wang (Deputy Chair)

Cr O'Brien

Cr Paterson

Cr Brown

Cr Maxwell

Cr Kereopa

Cr Lee

Cr Waru

Cr Kai Fong

Mayor Tapsell

**Quorum**

6

**Andrew Moraes**

**Chief Executive**

## NGĀ TUKUNGA HAEPAPA A TE KAUNIHERA

## INFRASTRUCTURE AND ENVIRONMENT DELEGATIONS

<b>Type of Committee</b>	Whole of Council Committee
<b>Subordinate to</b>	N/A
<b>Subordinate Committees</b>	N/A
<b>Legislative Basis</b>	Schedule 7, clause 30 (1) (a), Local Government Act 2002.
<b>Purpose</b>	To develop, implement, monitor and review strategies, policies, plans and functions associated with Infrastructure and environment activities.
<b>Membership</b>	Mayor Deputy Mayor All councillors
<b>Quorum</b>	6
<b>Meeting frequency</b>	Monthly
<b>Delegations</b>	<ul style="list-style-type: none"> <li>• Oversee the management of council’s infrastructure assets, utility services and public facilities including: <ul style="list-style-type: none"> <li>• Transportation</li> <li>• Three waters</li> <li>• Land drainage</li> <li>• Laboratory services</li> <li>• Waste collection, landfill, recycling</li> <li>• Sports, Reserves and Recreation</li> <li>• Cemetery</li> <li>• Civil Defence Emergency Management</li> </ul> </li> <li>• Accountable for the development and implementation of the Infrastructure Strategy, Asset Management Plan and inputs on infrastructure related projects associated with Development Contributions Policy</li> <li>• Oversight of progress of design and build projects such as, but not limited to: <ul style="list-style-type: none"> <li>○ Waste water treatment plant</li> <li>○ Sewerage schemes (Rotoiti/Rotoma/Rotoehu, Tarawera</li> <li>○ Development of major facilities for example Museum, Aquatic Centre, Libraries</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ Water storage and drainage for growth</li> <li>○ Infrastructure provision for growth</li> <li>○ Major transport projects, cycleways</li> <li>○ Reticulation of water supplies</li> <li>● Undertake master planning of strategic facilities and spaces</li> <li>● Encourage engagement with organisations within the sector to consider environmental matters including:             <ul style="list-style-type: none"> <li>○ Climate change response, both mitigation and adaptation</li> <li>○ Biodiversity</li> <li>○ Waste Minimisation</li> <li>○ Environmentally sustainable practices</li> <li>○ Environmental aspects of energy, transport and water</li> <li>○ Monitoring and reporting against action within the Climate Action Plan</li> <li>○ Monitor Council’s contribution to the Te Arawa Vision (specifically in relation to Infrastructure and Environment outcomes)</li> <li>○ The provision and maintenance of facilities and space for the general use of the public for recreation of all kinds including sporting activities, passive enjoyment, open spaces, play areas, toilets and changing sheds, flower beds, trees and shrubs, and display areas</li> <li>○ The production of Management Plans and the general management of reserves in compliance with the Reserves Act 1977 and the general administration of the Reserves Act 1977 with the exception of the Hearings of Objections to the Classification of Reserves and Management Plans</li> <li>○ The leasing of recreational land for commercial recreational purposes</li> <li>○ The beautification of public gardens and parks</li> <li>○ Street trees</li> </ul> </li> <li>● Council controlled organisations (CCO’s) - advising on the content of the annual Statement of Expectations, agreement on Statement of Intent, monitoring against the Statement of Intent the financial and non-financial performance of CCO’s</li> <li>● Make appointments and authority to remove appointments to Council-Controlled Organisations (CCO’s).</li> </ul>
<p><b>Relevant Statutes</b></p>	<p>All the duties and responsibilities listed above must be carried out in accordance with the relevant legislation.</p>

## Order of Business

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**1 KARAKIA WHAKAPUAKI – OPENING KARAKIA****Tūtawa Mai**

Tūtawa mai i runga

Tūtawa mai i raro

Tūtawa mai i roto

Tūtawa mai i waho

Kia tau ai te mauri tū

Te mauri ora, ki te katoa

Hāumi e. Hui e. Tāiki e!

**Tūtawa Mai**

I summon from above

I summon from below

I summon from within

I summon the surrounding environment

The universal vitality and energy to infuse and enrich all present

Enriched, unified and blessed

**2 NGĀ WHAKAPĀHA – APOLOGIES**

The Chair invites notice from members of:

1. Leave of absence for future meetings of the Infrastructure and Environment Committee; or
2. Apologies, including apologies for lateness and early departure from the meeting, where leave of absence has not previously been granted.

**3 WHAKAPUAKITANGA WHAIPĀNGA – DECLARATIONS OF INTEREST**

Members are reminded of the need to be vigilant to stand aside from decision making when a conflict arises between their role as a member and any private or other external interest they might have.

**4 NGĀ TAKE WHAWHATI TATA KĀORE I TE RĀRANGI TAKE - URGENT ITEMS NOT ON THE AGENDA****Items of business not on the agenda which cannot be delayed**

The Chair will give notice of items not on the agenda as follows:

Matters Requiring Urgent Attention as Determined by Resolution of Rotorua Lakes Council

The Chair shall state to the meeting.

1. The reason why the item is not on the agenda; and
2. The reason why discussion of the item cannot be delayed until a subsequent meeting.

The item may be allowed onto the agenda by resolution of the Rotorua Lakes Council.

s.46A (7), LGOIMA

**Discussion of minor matters not on the agenda.**

Minor Matters relating to the General Business of the Rotorua Lakes Council.

The Chair shall state to the meeting that the item will be discussed, but no resolution, decision, or recommendation may be made in respect of the item except to refer it to a subsequent meeting of the Rotorua Lakes Council for further discussion

s.46A (7), LGOIMA

**5 TE WHAKAŪ I NGĀ MENETI - CONFIRMATION OF MINUTES****5.1 MINUTES OF THE INFRASTRUCTURE AND ENVIRONMENT COMMITTEE MEETING HELD ON 5 JUNE 2024****RECOMMENDATION**

That the minutes of the Infrastructure and Environment Committee Meeting held 5 June 2024 be confirmed as a true and correct record.

# Minutes

Infrastructure and Environment Committee meeting held Wednesday 5 June 2024 at 9:30 am  
Council Chamber, Rotorua Lakes Council

MEMBERS PRESENT: Cr Barker (Chair)  
Cr Wang (Deputy Chair), Mayor Tapsell, Cr Kai Fong, Cr Brown, Cr Lee,  
Cr Kereopa, Cr O'Brien, Cr Waru (via Zoom).

APOLOGIES: Cr Maxwell, Cr Paterson, Cr Kereopa (lateness).

STAFF PRESENT: A Moraes, Chief Executive;  
O Hopkins, Executive Manager, Corporate Planning & Governance;  
T Collé, Group Manager, Corporate Services;  
S Michael, Group Manager, Infrastructure & Environment;  
R George, Director, Infrastructure & Environmental Solutions;  
R Pitkethley, Manager, Active & Engaged Communities;  
D Cossar, Manager, Governance & Democracy;  
N Michael, Senior Communications Advisor;  
S Main, Communications Advisor;  
R Griffith, Governance & Democracy Advisor.

The meeting opened at 9.31am.

The Chairperson welcomed elected members, media, staff and members of the public.

## 1 KARAKIA WHAKAPUAKI – OPENING KARAKIA

Cr Lee opened the meeting with a prayer.

## 2 NGĀ WHAKAPĀHA – APOLOGIES

### **RESOLVED IE 24/06-006**

Moved: Cr O'Brien

Seconded: Mayor Tapsell

- 1. That the apologies from Cr Maxwell, Cr Paterson, and Cr Kereopa for lateness be accepted.**

**CARRIED**

**3 WHAKAPUAKITANGA WHAIPĀNGA – DECLARATIONS OF INTEREST**

None.

**4 NGĀ TAKE WHAWHATI TATA KĀORE I TE RĀRANGI TAKE – URGENT ITEMS NOT ON THE AGENDA**

None.

**5 TE WHAKAŪ I NGĀ MENETI - CONFIRMATION OF MINUTES****RESOLVED IE 24/06-007**

Moved: Cr Kai Fong

Seconded: Cr Wang

- 1. That the minutes of the Infrastructure and Environment Committee meeting held 1 May 2024 be confirmed as a true and correct record.**

**CARRIED**

**6 PŪRONGO KAIMAHI – STAFF REPORTS****6.1 PROGRESS REPORT - INFRASTRUCTURE AND ENVIRONMENT****RESOLVED IE 24/06-008**

Moved: Mayor Tapsell

Seconded: Cr Waru

- 1. That the report Progress Report - Infrastructure and Environment be received.**

**CARRIED**

Stavros Michael and Rob Pitkethley overviewed the report.



**7 HE WHAKATAUNGA KIA HOKI ATU TE ARONGA O TE HUI HAI HUI TŪMATAWHĀNUI – RESOLUTION TO MOVE INTO PUBLIC EXCLUDED (TO CONSIDER AND ADOPT CONFIDENTIAL ITEMS)**

**RESOLVED IE 24/06-009**

Moved: Cr Brown

Seconded: Mayor Tapsell

That Infrastructure and Environment Committee resolves to exclude the public on the grounds contained in Section 48(1) of the Local Government Official Information and Meetings Act:

General subject of each matter to be considered	Reason for passing this resolution in relation to each matter	Ground(s) under section 48 for the passing of this resolution
<b>7.1 – Confidential Minutes of the Infrastructure and Environment Committee Meeting held 1 May 2024</b>	Please refer to the relevant clause/s in the open meeting minutes	Good reason for withholding exists under section 48(1)(a).
<b>7.2 - Statement of Intent for InfraCore Limited for the Year Commencing 1 July 2024</b>	<p>s7(2)(b)(i) - the withholding of the information is necessary to protect information where the making available of the information would disclose a trade secret</p> <p>s7(2)(b)(ii) - the withholding of the information is necessary to protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information</p> <p>s7(2)(c)(ii) - the withholding of the information is necessary to protect information which is subject to an obligation of confidence or which any person has been or could be compelled to provide under the authority of any enactment, where the making available of the information would be likely otherwise to damage the public interest</p>	s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist under section 6 or section 7
<b>7.3 - Wastewater Treatment Programme Update and Approval of Contract 22/037 Variation</b>	<p>s7(2)(h) - the withholding of the information is necessary to enable Council to carry out, without prejudice or disadvantage, commercial activities</p> <p>s7(2)(j) - the withholding of the information is necessary to prevent the disclosure or use of official information for improper gain or improper advantage</p>	s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist under section 6 or section 7

**CARRIED**

**8 TE KARAKIA WHAKAMUTUNGA – CLOSING KARAKIA**

Cr Lee closed the meeting with a prayer.

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The Meeting closed at 11.06am.

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To be confirmed at the Infrastructure and Environment Committee meeting on 3 July 2024.

Rotorua Lakes Council is the operating name of Rotorua District Council

**6 NGĀ TĀPAETANGA – PRESENTATIONS**

**6.1. TE WHARE TAONGA O TE ARAWA (ROTORUA MUSEUM) STRENGTHENING AND RESTORATION PROJECT UPDATE**

**7 PŪRONGO KAIMAHI – STAFF REPORTS****7.1 PROGRESS REPORT - INFRASTRUCTURE & ENVIRONMENT**

**Doc ID: 20376721**

**Prepared by: Stavros Michael, Group Manager, Infrastructure and Environmental Solutions**

**Approved by: Andrew Moraes, Chief Executive**

**Attachments: 1. Progress Report**

**HE TŪTOHUNGA****RECOMMENDATION**

- 1. That the report Progress Report - Infrastructure & Environment be received.**



# Progress Report

<b>To:</b>	Mayor, Chair and Members – Infrastructure and Environment Committee
<b>Meeting Date:</b>	3 July 2024
<b>Group:</b>	Infrastructure and Environment Committee
<b>Group Manager:</b>	Stavros Michael
<b>Report approved by:</b>	Andrew Moraes, Chief Executive
<b>Components:</b>	Network performance – Transport; Network performance – Waters; Environmental Performance; Emergency Management; Active and Engaged Communities

## Stats and Facts

**MAY**  
**2024**

### Connection applications in May 2024:

	No. of applications	New dwellings connected
Water	20	27
Water – major subdivision	1	85 lots
Stormwater	2	2
Wastewater	11	18
<b>Totals</b>	<b>34</b>	<b>132</b>



Te Waerenga Road Emergency Works

**Wastewater schemes progress**

East Rotoiti: 80% Biolytix units installed  
 Tarawera: 80% of Stage 1 mains and 269 of 444 boundary connections installed



Paradise Valley Road Emergency Works

Ohu: Waka | Network Performance - Transport

Transport Capital Projects

Programme	Projects	Progress
Subsidised renewals	Resurfacing (critical for maintaining integrity of road foundations)	2023/24 reseal programme 100% complete. Approx 5% of total network has been resealed this year. Average lifespan of seals is 15 years.
Subsidised renewals	Pavement rehabilitation (about 0.3% of network targeted per year)	Completed projects: Yankee Rd, Whirinaki Valley Rd, King St.
Subsidised renewals	Footpaths (approx. 600km of footpaths in total in Rotorua)	2024 programme completed with 2km renewed. On average we aim to renew 1.5% of footpaths annually. Average lifespan is 75 years. Approx 5km of paths renewed for the year were within design life limits.
Subsidised Cycleways (LOS)	About 60km of cycleways constructed since 2018	Aim is to encourage more active transport to reduce emissions and road demand and contribute to community health. No further networks planned as no allocation in 2024-34 LTP for years 1-3.
Subsidised Minor Improvements (LOS)	Local road improvements and Road to Zero projects	<ul style="list-style-type: none"> <li>• Programmed 2024 priorities are based on NZTA benefit cost criteria.</li> <li>• Traffic calming for Jervis St and Huia St in design stage and community feedback will be sought subject to funding availability from July 2024 and depending on the National Funding advice to be received in August 24.</li> <li>• Speed Management Plan is on hold pending new national policy direction.</li> <li>• Dansey Rd minor safety improvements expected to be finished by end of June 2024.</li> <li>• Oturoa Rd minor safety works completed.</li> </ul>
Subsidised Emergency Works	Emergency storm damage repairs to restore level of service (LOS).	Valley Rd, Galatos Rd, Pongakawa Valley Rd and Puaiti Rd sites completed. Paradise Valley Rd and Te Waerenga Rd well underway and expected to be completed June/July.
Unsubsidised Renewals	Parks road renewals to maintain integrity of road condition	Sites programmed for 2024 resealing programme and embedded into contractual schedules. Programme now complete.
Unsubsidised Street Improvements (LOS)	Improvements to enhance LOS to rural and urban areas	<ul style="list-style-type: none"> <li>• Umuroa St (Mamaku) and King St (urban) improvements complete.</li> <li>• Kokako St carpark design complete. Delivery will be paused as there is no allocation in the 2024-34 LTP for years 1-3.</li> </ul>
Unsubsidised Rural Seal Extension (LOS)	Sharp Rd	<ul style="list-style-type: none"> <li>• Sharp Rd seal extension now complete.</li> <li>• Design for Tawhero St West complete.</li> </ul>
Unsubsidised Growth (LOS)	Upgrades to support growth	Wharenui Rd upgrade complete, Geddes Rd and Airport/Eastgate intersection in design, to be tendered once detailed design and final estimates are complete. East Gate intersection improvements awaiting NZTA planning approval.

Programme	Projects	Progress
CIP-funded	Eastside cycleways and pedestrian crossings (Central Govt Economic stimulus package)	<ul style="list-style-type: none"> <li>Morey St finished and one crossing on Vaughan Rd (RFH to Te Ngae Rd) still to be completed.</li> <li>Porikapa Rd shared path construction scheduled to start in June-24.</li> </ul>
CERF-funded Transport Choices	<p>Shared paths and zebra crossing upgrades (various)</p> <p>BOPRC Enhancing Public Transport in Rotorua</p>	<p>Designs completed. Construction subject to funding after CERF funded Transport Choices package was paused by Government.</p> <p>Refresh Project on hold – subject to funding. Proposed new bus stops/shelters Amohau St to accommodate new bus routes. Government funding for these works is subject to the Draft National Land Transport Programme 2024-2027.</p>

**Transport Operations**

- Programmed seal maintenance proactive/cyclical and reactive works are ongoing and no material defects or service disruptions have occurred.
- Unsealed road metalling programme only up to the level allowed by available budget but ready to respond to weather impacts if any occur as emergency response.
- Storm damage works: General reactive clean-up and reinstatement from weather events ongoing and are adaptive to the risk created by weather events.
- Environmental maintenance: seasonal mowing is now complete.
- Traffic services maintenance: annual re-marking complete and streetlight maintenance ongoing.
- Network and Asset Management: annual condition surveys are now completed and validated.

**NZTA/Waka Kotahi State Highways**

RLC provided feedback on the proposed Regional Land Transport Plan (RLTP), as summarised in the previous progress report. We are now awaiting the decisions to be made by the Government Policy Statement and the funding allocations of the National Land Transport Programme.

**Ohu: Wai | Network Performance - Water**

**Main Water Capital Projects**

**Water Main Renewals/ Upgrades**

Background	Progress
<p>Renewal and upgrade of water mains is essential to ensure asset sustainability, resilience of the water supply network and to reduce water loss from ageing pipelines.</p> <p>On average, approx. 1.5% of the 800km network is renewed per year. Average life expectancy is 75 years.</p>	<ul style="list-style-type: none"> <li>• Diamond St and Matipo Ave complete.</li> <li>• Old Quarry to Clayton Rd water main complete.</li> <li>• Handcock to Reporoa Rd along SH5 complete.</li> <li>• Te Ngae Rd Stage 2 (managed by agreement with NZTA as part of road upgrade) is complete.</li> <li>• Aquarius Dr complete.</li> <li>• Kawaha Point Rd complete.</li> <li>• Old Taupo Rd complete</li> <li>• Dickens St underway</li> </ul>

**Morey Street Stormwater Detention Dams**

Background	Progress
Two detention dams under construction on Morey St to reduce potential occurrence/impacts of flooding in lower catchment and provide for the upstream growth in Ngāti Whakaue Tribal Lands (NWTs) 1100 houses. A \$15M funding agreement with Crown Infrastructure Partners (CIP) was agreed to assist with the funding of the dams.	After I&E Committee approval to expand project scope and contract value to meet Regulatory Authority’s building consent conditions, contract adjustments progressing to complete most works by June 2024 so certifications can be obtained, and the CIP held funds released to Council (\$13m.) Full project scheduled to be completed by September.

**Linton Park Dam**

Background	Progress
<p>The existing detention dam was below current safety standards and at risk of failure. This project will enhance capacity in line with the western stormwater management plan and mitigate against flooding in Mangakakahi/Utuhina catchments.</p> <p>Funding contribution of \$6.8m from Department of Internal Affairs. Balance from RLC and IAF funds.</p> <p>Works critical part of western catchment stormwater master plan to enable future housing.</p>	<p>Construction of embankment portion of dam is now complete and construction of lusing wall on top of dam is nearly complete. Planning actions in progress to secure consents for enhanced spillway to offset need to construct another dam at Linton Park West. Applications being submitted to IAF programme to transfer those funds to this project to cover the additional works required. IAF has signalled its preliminary support for this reallocation.</p>

**Victoria Street to Wastewater Treatment Plant (WWTP) Sewer Main Upgrade**


Background	Progress
Trunk sewer main between Victoria St and the wastewater treatment plant (WWTP) conveys sewage from western areas. Capacity is under-sized for increasing demand, sometimes resulting in overflows during rain events. A duplicate main will increase capacity and allow rehabilitation of the existing main.	Proposed sewer alignment through Sanatorium Reserve not supported by iwi. Section one from Victoria St to Marist Rugby Park can be progressed now. Alignment options for second section from Marist Park to WWTP being evaluated and will be presented to iwi. The agreed route will then be taken to detailed design.

**Peka Block Development Enabling - Water and Wastewater**



Background	Progress
<p>RLC is providing enabling infrastructure for water supply and wastewater services for Peka Block land development with delivery planned in two stages:</p> <p>Stage 1 – Install new water main from Hemo Reservoir to Peka Block along SH5 and install new pressure wastewater main along SH5 from just north of intersection of SH30 to Peka.</p> <p>Stage 2 - Construction of wastewater pump station.</p>	<p>Stage 1 – A contract has been awarded for installation of the water and wastewater pipelines. Construction started.</p> <p>Stage 2 – Design of the wastewater pump station has paused until its location is finalised. Once the location is agreed, procurement will follow. Target completion is May 2025.</p>



**East Rotoiti/Rotomā Sewerage Scheme**

Background	Progress
<p>The scheme aims to remove adverse environmental effects of septic tanks and improve the health of the lakes and communities.</p> <p>Biolytix pre-treatment units are being installed on properties, connecting to underground network leading to Rotoiti Wastewater Treatment Plant.</p>  <p><i>Photo: Lakefront dewatering</i></p>	<ul style="list-style-type: none"> <li>• 100% of Rotomā and more than 80% of East Rotoiti units installed and now operating.</li> <li>• Wastewater treatment plant operating in compliance with resource consent conditions.</li> <li>• Māori whenua and marae installations yet to progress as trustee consensus and Māori Land Court decisions are required.</li> <li>• Marae Committees to be advised Council has made final funding allocation in line with scope of the tenders and no additional funding will be provided for high-capacity systems installation.</li> <li>• Whenua Māori properties will be addressed as legal matters are concluded.</li> <li>• Council has made decisions on the final net capital targeted rate for the benefit zone properties as part of 2024-34 LTP deliberations.</li> <li>• Future growth properties will be addressed as they occur and installations will be made once building consents have been issued.</li> </ul>

**Wastewater Treatment Plant (WWTP) Upgrade**

Background	Progress
<p>Upgrade will greatly enhance treatment capacity and quality to meet new consent requirements and projected future growth demand.</p> <p>Upgrade comprises membrane bioreactor (MBR) technology with full UV disinfection. Construction completion planned for end of calendar year 2025 followed by one-year ‘proving period’.</p> <p>Current forest irrigation system to remain in place pending completion of the Sustainable Forest Approach (SFA) project.</p>  <p><i>Photo: Civil Construction of new MBR.</i></p>	<p>Civil construction of the new MBR and UV plant continues. Foundations for the new Inlet Works and Lift Pump Stations is now underway (see pic below); containment Cell now fully covered and will remain un-capped until all ground works are completed.</p> <p>Construction on track for completion January 2026, followed by one-year “proving period” to demonstrate performance compliance.</p> <p>Progress and cost status of the works and the primary WWTP was presented to I&amp;E Committee 5 June with resolutions made now being given effect.</p> 

Water Planning Projects


Resource consent renewal of four water supply takes

Background	Progress
<p>Resource consents for the major urban supplies expire in 2026: Karamū Tākina (Central), Waipā and Hemo (Eastern), Rewarewa (Hamurana) and Wai-iti (Rotoriti), Rotomā (Lake Rotomā).</p> <p>Technical assessments and iwi/hapu engagement are required to support new resource consent applications and enable cultural impact assessments.</p>	<p>Technical assessments to support the applications have been completed and scoping of consent applications is underway. Application for Waipā/Hemo water take consents renewal accepted by BoPRC and existing use rights granted until a new consent is approved.</p> <p>Cultural Values and Impacts Assessments for Karamū/Tākina and Rewarewa (Hamurana) consent applications are underway. Council is working with mana whenua on the Karamū/Tākina water source (about 40% of our central supplies) to progress a joint consent application and further develop the long term relationship with Council. A presentation by iwi to Council is planned for around August to outline aspirations for a relationship agreement with Council to pursue mutually agreed objectives.</p> <p>Such MoU will include anticipated future costs that are currently not included in the LTP.</p>

Rotorua Urban Area – Comprehensive Stormwater Resource Consents

Background	Progress
<p>BoPRC requires RLC to consolidate its 39 stormwater discharge resource consents for urban Rotorua and apply for a single comprehensive consent to cover the whole urban catchment. This will be managed through a comprehensive catchment management plan for streamlined, consistent management of stormwater discharge and associated works.</p> <p>Iwi/hapu engagement is necessary for the cultural impact assessment.</p>	<p>This resource consent has numerous complexities that are currently being considered and worked through. RLC requires time to assess and respond to submissions and develop a collaborative framework for managing stormwater which incorporates the required support of all stakeholders.</p> <p>RLC is pursuing establishing an MoU with BoPRC for stormwater quality management.</p> <p>RLC was granted an extension of time but less than requested. We are formulating a programme to best meet various considerations as much as possible within available timeframe. A new risk assessment approach for managing industrial sites and trade activities is being developed as a key part of the strategy for stormwater management</p>

**Tarawera Sewerage Scheme**

Background	Progress
<p>Approved implementation: Stage 1 - street mains, trunk mains, pump station, including connection to Ōkāreka scheme. Stage 1 is programmed to align with \$6.5m MfE Deed Funding commitments.</p> <p>Stage 2 will be construction of 430 individual LPGP units to connect properties to the reticulation system.</p>  <p><i>Photo: Air filter installation</i></p>	<p>Construction for the first pump station at Cliff Road has started and is progressing.</p> <p>As earlier reported, officers are preparing an application to the District Court for an injunction to prevent any interference with the works necessary for completion of Stage 1. This was publicly notified in May. A preliminary date for hearing the application has been set for late June. The Rotokākahi Board of Control had advised it opposes the injunction application and wishes to postpone the court hearing until early July. The Committee will be kept updated on the court’s decisions.</p> <p>Progress: 16km of pressure mains installed, 14km pressure testing completed, 269 of 444 boundary assemblies installed.</p> <p>DDL Contracting awarded Stage 2 and arrangements being made to obtain Locality Plans and Building Consents before the physical start of the scheme in October 2024.</p> <p>Ongoing communications and updates taking place between officers and the local residents’ association, as well as the collective working group established for Tarawera.</p> <p>Project updates are emailed to over 350 email addresses and quarterly updates to all stakeholders, including progress against budgets and anticipated risks, are in effect.</p>

**Water Operations**

**Three Waters Reforms**

The new framework for water services delivery comprises three pieces of legislation, the second of which, the Local Government (Water Services Preliminary Arrangements) Bill, was introduced in early June 2024 and requires Council to submit a Water Services Delivery Plan within 12 months of the Bill’s enactment. The overarching purpose of the Plans is for councils, (individually or jointly), to publicly demonstrate their intention and commitment to delivering water services in ways that are financially sustainable, meet regulatory quality standards for water network infrastructure and water quality, and unlock housing growth.

Through development of these Plans, Councils will provide an assessment of their water infrastructure, how much they need to invest, and how they plan to finance and deliver it through their preferred service delivery model. Ringfencing of water services and revenue from other council activities is a key feature of the Plans. The Plans can also be prepared jointly, and so provide an opportunity for councils to have conversations with other Councils about joint arrangements for water services delivery.

To demonstrate financial sustainability, Councils will have to show what needs to be invested to deliver water services to regulated standards and to provide for growth. They will also have to show how they will fund and finance long-term investment in water infrastructure, including renewals and operating costs.

We will need to consider our delivery model options and need to indicate, by September 2024, whether we will prepare a plan in cooperation with other local authorities or alone. These are significant matters to explore and form a Council position, based on data and legal clarity during the next few months.

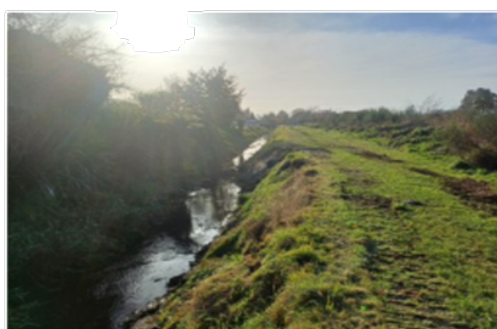
**Stormwater:**

- A rainstorm on 21 May brought significant short duration rainfall to catchments to the south and west of Rotorua city. This caused significant local flooding in Ngakuru and the Utuhina, Mangakakahi and Ngongotahā streams and resulted in concern for residents in the Western Road area. Rainfall in other parts of the city was moderate and caused only generally minor surface flooding.



*Photos above: Flooding of the Mangakakahi and Ngongotaha streams Tuesday, 21 May 2024.*

- The general drain maintenance programme has continued.



*Photos above: Kawaha Point Road drain clearance work and re-shaping of the bank being carried out by Goodrick Contracting Ltd, to address safety and capacity concerns*



**Photo above:** Clayton Road scruffy dome is collecting run-off from Mountain Road but further improvements are needed to capture more of the overland flow

**Water Supplies:**

- Rotorua has the best tasting public water in the country, according to judges of this year’s IXOM National Water Taste Test carried out on 16 May, run by the Water Industry Operations Group NZ. The competition compares taste, odour and appearance of water samples submitted by water authorities, raising awareness about our drinking water quality and the efforts of local water operators and their teams to deliver safe, clean drinking water to their communities. The sample submitted by Rotorua was from the central urban supply network that serves approximately 42,500 residents. It came out on top after comparison with 19 other waters from around the country.
- The major generator installation at the Karamū Tākina (Central Urban) Water Treatment Plant is completed with the entire plant able to be run from the unit. We are currently testing to confirm noise levels are to the accepted dba readings at the boundary. This significant upgrade will provide resilience through power-related issues, ensuring uninterrupted 24/7 potable water treatment operations.



**Photo:** Generator at the Karamū Tākina (Central Urban) Water Treatment Plant

- The replacement Waipā pump has been re-installed. This has taken just under two years from initial order to installation after the first unit arrived from Australia damaged and had to be returned for rebuilding. This is one of the three main pumps supplying water to the Eastern and Ōkāreka water supplies.



**Photo:** Waipā Pump

**Wastewater:**

- A joint in the large diameter underground final effluent pipeline between the existing final clarifiers and final effluent ponds at the WWTP failed, requiring urgent repair. This was carried out by TRILITY under their operational contract. This pipeline will become redundant when the WWTP upgrade is complete.
- TRILITY has installed a new gate and security fence at the Depot St pump station to deter theft and illegal dumping.

**Ohu: Taio | Environmental Performance & Climate Change****Climate Change****High Lake Levels**

A joint RLC/BoPRC working group was formed to consider the effects of high lake levels that have impacted infrastructure and properties to identify long-term viable options to mitigate and adapt to the impacts and improving community resilience. Technical information on cause and effect was collated for consideration in February/March with the next meeting set for mid-May. The objective was to make recommendations to the Rotorua Te Arawa Lakes Programme Strategy Group around August 2024. The Strategy Group has decided to pause this work and include its scope into the wider review of the Strategy for all the lakes.

**Emissions Reductions**

We are undertaking various mitigation actions like enabling and encouraging active modes of transport and waste reduction to reduce emissions and energy consumption. We are monitoring our corporate emissions.

**Adaptation**

Climate change effects cause significant cumulative impacts on infrastructure and core services. The focus of current efforts is on climate adaptation in predicting impacts and designing improvements to networks that would, as far as possible, help reduce risk to properties and our receiving environment. Key are the major stormwater projects. As well as providing for future growth, they are sized to reduce the flood risk to homes and property from high intensity rainfall events in a climate impacted future.

**Framework and performance measures**

To ensure RLC will meet its responsibilities and achieve targets, we will evaluate the Rotorua Climate Change Action Plan, national guidelines, targets and legislation, and climate preparedness planning guidelines to identify action required by RLC and within our sphere of influence, and any gaps in our current work programme. A framework will be developed showing required actions, standards and targets and identifying performance measures, areas of responsibility/accountability and requirements. This will start subject to Long-term Plan decisions.

**Safe and Sustainable Journeys**

- Delivery of Road Safety Education continues. During Road Safety Awareness week staff and our road safety mascot Ruru visited twenty Early Childhood Education centres and Kohanga Reo to promote road safety. All centres were given the 'Road Safety with Ruru' book to help reinforce the safety messages shared. The book was written, designed and produced in-house.
- Bike Ready safety skills sessions were run at Rotorua Primary School and Te Kura Kaupapa Māori o Hurungaterangi, which were delivered in Te Reo.
- Two 'Be Bright' winter cycle safety pit-stop were held at Kawaha Point Road and Ranolf Street.
- Six new bus shelters have been installed this month. Bus stops and shelters were upgraded to be fully accessible. Pohutukawa Drive x2, Vaughan Road, Warwick Drive, Ford Road, Homedale Street.

- 31 'Share with Care' concrete etchings were created on new shared paths. Method was changed from the soda-blast method to the vapour-blast method. Benefits of changing the method is that we changed from using an out-of-town contractor, more cost effective, and vapour-blasting (using garnet) is more eco-friendly than the soda-blasting method.



*Photo: New bus shelter, Warwick Drive*



*Photo: 'Share with Care' concrete etching*

## Waste Management

### Landfill

Scheduled inspections, monitoring and routine maintenance are ongoing. Maintenance and repair of ageing surface water infrastructure and regular water quality monitoring at the landfill site continue. Activities that have taken place since the last report including: removal of another group of wildling pines; possum control among the native plantings. The access road to the transfer station has been built up and augmented with bitumen grindings to strengthen it and surface water channelling has been improved.

### Refuse Collections

Kerbside collection services are functioning well with no significant issues. Smart Environmental has been undertaking wheelie bin tracking and placement optimisation work, identifying and removing surplus bins that have ended up at the wrong properties, leading to double tipping by some households.

### Recycling Collections

Promotion of the national standardised collections appears to have had a positive impact on the quality of material being collected. Contamination is being closely monitored and we expect improved results during the next few months. Kerbside recycling service is functioning well with no significant issues to report.

### The Resourceful Rotorua Litter Reduction Campaign

This is progressing with 77 bins removed to date. Most were underused and 42 from the CBD area were in places there were 8 litter bins placed at each intersections (two on each corner). Amohia Street had 32 bins from Eruera Street to Haupapa Street, a distance of just 340m with very few cafes and food businesses. Sixteen of these have been removed. Since the campaign was launched on 29 April, there been no requests received to put removed bins back. There were 15 requests relating to bins overflowing, mostly relating to sites where there are ongoing issues with bagged household refuse or business waste filling up the bins. There was one request to replace a burnt-out bin at Ngongotahā.

### Waste Minimisation Education

Two free home composting workshops continue to be provided each month, along with a subsidy offer on a small range of composting equipment.

Waste-related community events or activities supported by RLC have included:

- Hamurana Road clean-up – a roadside clean-up by a small group of volunteers between Ramada Resort and Unsworth Road while the road was closed for marathon participants (arranged with the organisers). Two RLC staff assisted, RLC provided bags and gloves and disposed of litter collected. 42 bags (2,500 litres) of litter were collected, and more than 300 glass bottles and several bangs of cans separated for recycling.
- Handover of Repair Cafe to a community-based organising committee, to be hosted and supported by Envirohub. The committee is currently working to establish ongoing Repair Cafe events to occur monthly.

## Water Quality

A draft Rotorua urban water quality monitoring programme is progressing through detailed mapping to support the Comprehensive Urban Stormwater Consent (CSC) previously mentioned. Monitoring informs freshwater quality, management, identifies stream contaminants and informs possible mitigation actions.

Council's stormwater bylaw and BoPRC's Natural Resources Plan limit do not allow contaminants exceeding permitted levels to be discharged to urban waterways. We are developing a risk matrix for stormwater discharges from industrial sites. RLC and BoPRC staff will then meet to clarify areas of responsibility and how we can work effectively to manage contaminants from industrial sites. This will inform the MoU to support the Comprehensive Stormwater Consent. We will then respond to CSC Submissions.

Trade waste consents and audits continue to help protect the wastewater network and maintain a reduced load of fats and oils in the wastewater treatment plant influent, which has lowered but not eliminated the risk of sewer overflows from fat blockages.

## Emergency Management

### Updates

#### Response

The EOC was partially activated in response to the 21 May 2024 rain event which initially required only a 'business as usual' response from Council staff and contractors to localised surface flooding, slips and fallen trees. However, the intensity of rainfall in the upper catchment of the Ngongotahā stream resulted in that stream rising rapidly, by almost 5m in just over four hours. The stream level peaked at about 10.45 am when it over-topped its banks and water began to flow across Western Road onto some properties.



Due to uncertainty about whether the stream would continue to rise, the EOC was activated and CDEM welfare staff were sent to Western Road to provide support, reassurance and advice to residents. FENZ also deployed and established a Safe Forward Point and Command Post near Western Road to support an emergency evacuation, if required. Within an hour of the EOC being activated, the level of the Ngongotahā stream began to drop and was again contained within its banks. The EOC was deactivated later that afternoon.

### Readiness

The annual audit of the RLC EOC was recently completed by EMBOP staff. A draft report has been sent to RLC CDEM for feedback. No significant operational deficiencies were identified and the comment in the summary section was very positive. An extract from the summary is as follows:

*“The audit of Rotorua Lakes Council (RLC) EOC demonstrated that the Council clearly has the capability and capacity to respond to events and has continued with their ongoing progress to address previously identified corrective actions. This has been achieved through a combination of knowledgeable, experienced staff and a continual enthusiasm of EOC staff to engage in training and exercising.”*

Rotorua CDEM staff are currently revising and updating all Standard Operating Procedures and Operational Plans for the Rotorua EOC. It is anticipated that work will take another four months.

NEMA has requested that each CDEM Group provide feedback on the recommendations in Sir Jerry Matepaere’s report into the response to severe weather events in 2023 (Cyclone Hale in January, heavy rain event late January/early February, and Cyclone Gabrielle in February) which was released in April 2024. Rotorua CDEM staff are working collaboratively with other CDEM staff in BoP Group to prepare a response.

### Staffing and Training

Linda Johnston recently resigned from her CDEM role and accepted a position in the Rotorua library. Her position will be advertised shortly. EOC staff numbers are stable and routine training is continuing.

## Ohu: He Hapori Kaikaha | Active and Engaged Communities

### Open Space Capital Projects

### Reserve Improvements

The later stages of the Whakarewarewa Forest development are progressing well with the section of the new shared path from the Lakefront to Motutara Point now complete. The consent of the removal of the dilapidated timber walkway along the lake edge is expected in early June and once obtained Te Arawa Lakes Trust (TALT) will undertake the removal.

Work on the new forest access from Tarawera Road is well underway and now nearing completion. The power cable relocation was able to be actioned by the primary contractor so this saved considerable time and potential cost variations. The budget has sufficient contingency so this alternative forest access project is expected to be completed before the end of June and within overall budget.

Works have been completed and still continuing to make the Whakarewarewa Forest Loop Great Ride to a higher level and provide a more enjoyable experience for all. This includes some resurfacing, better drainage, separating a couple of 2-way sections and creating better management of congestion areas. This work is being done in conjunction with the Rotorua Trails Trust and other preferred suppliers.



*Photo: New surfacing work on the Whakarewarewa Forest Loop Great Ride*

**Playground Renewals**

Tenders for renewal of the Boyes Park playground have been received and are being evaluated. Meanwhile, renewal of the Karenga Park playground is well underway with works expected to be finished mid-June. We are also installing a new Permaloo toilet close to the playground and this work will start mid-June at a cost of approximately \$190,000 (GST excl.). These Karenga Park projects remain on schedule to be delivered within the planned timeframes and budgets.



*Photo: Karenga Park playground accessibility areas being prepared*

Engagement on the Ōhinemutu playground renewal has started, with initial discussions with village residents to help develop a draft design. Engagement will then be extended to include the broader community as well as tamariki from several schools. Renewal of this playground is expected to be carried out in early 2025.

Soft-fall safety surfaces at Stoney Point Reserve and Chapman Place were completed in May and Kuirau Park and Te Ariki Place resurfacing is scheduled for June.

**Toilet Block Renewals**

The new Permaloo toilet blocks for Lake Okaro and Guy Roe Reserve have been completed and are now operational. These dry-vault toilets have replaced the older septic tank systems that had numerous problems at high lake levels and performed poorly on lake water quality. Refurbishment of the eastern Hamurana Reserve toilet block is also progressing with reopening scheduled for late June.



**Photo: Eastern Hamurana Toilet block refurbishment underway**

The Puarenga Park toilets have been refurbished to include additional space for a female changing area as well as a general tidy up. The Puketawhero Park toilets are currently being refurbished with roofing being replaced and new wall lining/wiring and plumbing reinstated. This was required after a serious vandalism event and fire earlier in the year. The Ray Boord sports park toilets and change rooms will also be refurbished in June with replacement of roofing, a new ceiling and reinforcement of the surrounding retaining wall.

#### **Sports Facility Use and Events**

Local winter sports codes began their winter seasons in May with rugby, football, rugby union, hockey and netball all getting underway. Many thousands of children and adults participate in winter sports each year and the season runs through generally to the end of September.

The Rotorua Marathon was held during May with more than 6000 competitors across the various events and the Brass Monkey, a national frisbee event, held at indoor and outdoor facilities with 200 players competing over two days. The Aotearoa NZ Māori Rugby League Tama tournament (U15 and U17 boys) and the Kotiro tournament (U15 and U17 girls) will be held in June at Puketawhero and Puarenga parks.

#### **Sports Field Renovations**

The autumn maintenance period for various sports fields across the city has been completed although verti-draining treatment of the fields will continue where required over the winter. The Stadium No 1 field is still being worked on in preparation for later winter games.

#### **Open Spaces Maintenance**

RLC staff work with the BoPRC to identify pest plant species new to the region and carry out necessary controls of new or established noxious species infestations. Recent control of a climbing spindle berry infestation was undertaken. This pest plant is a "Notice of Direction" species and we had several sites around the city. The below picture on Okawa Bay Road shows a recent control area and during summer we had good success with control measures across the district to severely reduce the spread of noxious species on public recreation and road reserve land. Follow-up control this coming spring and summer should reduce these infestations down to minimal levels, moving to eradication in the next few years.



***Photo: Climbing spindle berry control site on Okawa Bay Road***

A substantial street tree adjacent to Otonga School was poisoned by persons unknown last year. Unfortunately we receive 1-2 incidences of this type of activity each year and this was a significant Giant Redwood. After waiting an extended period to see if it would recover it was finally decided it would have to come down. The tree was felled by Arb Men, local subcontractors to Infracore.



***Photo: Poisoned Giant Redwood being removed from Otonga Road***

**8 HE WHAKATAUNGA KIA HOKI ATU TE ARONGA O TE HUI HAI HUI TŪMATAWHĀNUI – RESOLUTION TO MOVE INTO PUBLIC EXCLUDED (TO CONSIDER AND ADOPT CONFIDENTIAL ITEMS)**

**PUBLIC EXCLUDED**

1. Exclusion of the Public
2. The general subject of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

<b>RECOMMENDATION</b>		
<p>That Infrastructure and Environment Committee resolves to exclude the public on the grounds contained in Section 48(1) of the Local Government Official Information and Meetings Act:</p>		
<b>General subject of each matter to be considered</b>	<b>Reason for passing this resolution in relation to each matter</b>	<b>Ground(s) under section 48 for the passing of this resolution</b>
<p><b>8.1 - Confidential Minutes of the Infrastructure and Environment Committee Meeting held on 5 June 2024</b></p>	<p>Please refer to the relevant clause/s in the open meeting minutes.</p>	<p>Good reason for withholding exists under Section 48(1)(a).</p>
<p><b>8.2 - Contract 23-001 Organic Services - Contract Commencement Report</b></p>	<p>s7(2)(b)(ii) - the withholding of the information is necessary to protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information</p> <p>s7(2)(h) - the withholding of the information is necessary to enable Council to carry out, without prejudice or disadvantage, commercial activities</p>	<p>s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist under section 6 or section 7</p>

**9 TE KARAKIA WHAKAMUTUNGA – CLOSING KARAKIA**

Kia whakairia te tapu

Restrictions are moved aside

Kia wātea ai te ara

So the pathway is clear

Kia turuki whakataha ai

To return to every day activities

Kia turuki whakataha ai

To return to every day activities

Hāumi e. Hui e. Tāiki e!

Allied, enriched, unified, and blessed