# Far North District Council



# Te Kaunihera o Tai Tokerau ki te Raki

# AGENDA

# **Infrastructure Committee Meeting**

# Wednesday, 24 March 2021

Time: Location: 9.30 am Council Chamber Memorial Avenue Kaikohe

### Membership:

Cr Felicity Foy - Chairperson Mayor John Carter Deputy Mayor Ann Court Cr Dave Collard Cr Mate Radich Cr Rachel Smith Cr Kelly Stratford Cr John Vujcich Kaikohe-Hokianga Community Board Chairperson Mike Edmonds Te Hiku Community Board Chairperson Adele Gardner

Far North District Council Te Kaunihera o Tai Tokerau ki te Raki	Authorising Body	Mayor/Council
	Status	Standing Committee
	Title	Infrastructure Committee Terms of Reference
	Approval Date	7 May 2020
CONNUTTEE	Responsible Officer	Chief Executive

#### Purpose

The purpose of the Infrastructure Committee (the Committee) is to ensure cost effective, quality and sustainable infrastructure decisions are made to meet the current and future needs of Far North communities and that Councils infrastructure assets are effectively maintained and operated.

The Committee will review the effectiveness of the following aspects:

- Affordable core infrastructure to support healthy and sustainable living;
- Operational performance including monitoring and reporting on significant infrastructure projects
- Delivery of quality infrastructure and district facilities
- · Financial spend and reprogramming of capital works
- Property and other assets

To perform his or her role effectively, each Committee member must develop and maintain his or her skills and knowledge, including an understanding of the Committee's responsibilities, Councils' infrastructure assets such as roading, three waters and district facilities.

#### Membership

The Council will determine the membership of the Infrastructure Committee.

The Infrastructure Committee will comprise of at least six elected members (one of which will be the chairperson).

Mayor Carter Felicity Foy – Chairperson Ann Court – Deputy Chairperson Dave Collard Kelly Stratford John Vujcich Mate Radich Mike Edmonds Adele Gardner

Non-appointed councillors may attend meetings with speaking rights, but not voting rights.

#### Quorum

The quorum at a meeting of the Infrastructure Committee is 5 members.

#### **Frequency of Meetings**

The Infrastructure Committee shall meet every 6 weeks, but may be cancelled if there is no business.

#### **Power to Delegate**

The Infrastructure Committee may not delegate any of its responsibilities, duties or powers.

#### **Committees Responsibilities**

The Committees responsibilities are described below:

#### **Quality infrastructure and Facilities**

- Assess and provide advice to Council on strategic issues relating to the provision of Council's infrastructural activities and district facilities
- Review, and recommend to Council, policy and strategies for the delivery of infrastructural asset services
- Monitor achievement of outcomes included in the Infrastructure Strategy and other infrastructure strategies eg District Transport Strategy
- Ensure that Council protects its investment in its infrastructural assets in accordance with accepted professional standards
- Monitor the risks, financial and operational performance of the Council's infrastructural activities and facilities
- Monitor major contract performance measures/key result areas (KRAs)

#### Significant Projects - spend, monitoring and reporting

- Monitor significant projects
- Approve budget overspend (above tolerance levels in the CE delegations) and any reprogramming of capex for a project or programme provided that:
  - The overall budget is met from savings
  - The overall budget for capex is not exceeded. Where this is not the case, the Committee must either:
    - Recommend to Council that additional funding is approved (outside the Annual Plan or Long Term Plan process), or
    - Recommend as part of the next round of Long Term Plan or Annual Plan process that the funding is considered for inclusion.
- Approve tenders and contracts provided they are:
  - Up to \$3 million,
  - in accordance with the current year's plan, whether that be Annual Plan or Long Term Plan, and
  - o deemed low by the Significance and Engagement Policy

#### Compliance

- Ensure that operational functions comply with legislative requirements and Council policy
- Ensure that consents associated with Council's infrastructure are being met and renewals are planned for

#### Service levels (non regulatory)

 Recommend service level changes and new initiatives to the Long Term and Annual Plan processes.

#### Relationships

- Monitoring Council's relationship with the Northland Transportation Alliance
   Receive quarterly performance reports
- Monitoring Council's relationship with the Far North Waters Alliance Partner

#### Property

- Recommend to Council the acquisition or disposal of assets.
- Approve new leases and lease renewals (of non-reserve land), in accordance with the current years' plan, whether that be Annual Plan or Long Term Plan.

Receive updates on changes to national and regional policies that impact on Council provision of infrastructure and where appropriate make recommendation to Council.

#### **Rules and Procedures**

Council's Standing Orders and Code of Conduct apply to all the committee's meetings.

#### Annual reporting

The Chair of the Committee will submit a written report to the Chief Executive on an annual basis. The review will summarise the activities of the Committee and how it has contributed to the Council's governance and strategic objectives. The Chief Executive will place the report on the next available agenda of the governing body.

#### INFRASTRUCTURE COMMITTEE - MEMBERS REGISTER OF INTERESTS

Name	Responsibility (i.e. Chairperson etc)	Declaration of Interests	Nature of Potential Interest	Member's Proposed Management Plan
Hon John Carter QSO	Board Member of the Local Government Protection Programme	Board Member of the Local Government Protection Program		
	Carter Family Trust			
Felicity Foy (Chair)	Director - Northland Planning & Development	I am the director of a planning and development consultancy that is based in the Far North and have two employees. Property owner of Commerce Street, Kaitaia		I will abstain from any debate and voting on proposed plan change items for the Far North District Plan. I will declare a conflict of interest with any planning matters that relate to resource consent processing, and the management of the resource consents planning team. I will not enter into any contracts with Council for over \$25,000 per year. I have previously contracted to Council to process resource consents as consultant
				planner.
	Flick Trustee Ltd	I am the director of this company that is the company trustee of Flick Family Trust that owns properties Seaview Road – Cable Bay, and Allen Bell Drive - Kaitaia.		
	Elbury Holdings Limited	This company is directed by my parents Fiona and Kevin King.	This company owns several dairy and beef farms, and also dwellings on these farms. The Farms and dwellings are located in the Far North at Kaimaumau, Bird Road/Sandhills Rd, Wireless Road/ Puckey Road/Bell Road, the Awanui Straight and Allen Bell Drive.	

Name	Responsibility (i.e. Chairperson etc)	Declaration of Interests	Nature of Potential Interest	Member's Proposed Management Plan
	Foy Farms Partnership	Owner and partner in Foy Farms - a farm on Church Road, Kaingaroa		
	Foy Farms Rentals	Owner and rental manager of Foy Farms Rentals for 7 dwellings on Church Road, Kaingaroa and 2 dwellings on Allen Bell Drive, Kaitaia, and 1 property on North Road, Kaitaia, one title contains a cell phone tower.		
	King Family Trust	This trust owns several titles/properties at Cable Bay, Seaview Rd/State Highway 10 and Ahipara - Panorama Lane.	These trusts own properties in the Far North.	
	Previous employment at FNDC 2007-16	I consider the staff members at FNDC to be my friends		
	Shareholder of Coastline Plumbing NZ Limited			
Felicity Foy - Partner	Director of Coastline Plumbing NZ Limited			
	Friends with some FNDC employees			
Deputy Mayor Ann	Waipapa Business Association	Member		Case by case
Court (Deputy)	Warren Pattinson Limited	Shareholder	Building company. FNDC is a regulator and enforcer	Case by case
	Kerikeri Irrigation	Supplies my water		No
	Top Energy	Supplies my power		No other interest greater than the publics
	District Licensing	N/A	N/A	N/A
	Top Energy Consumer Trust	Trustee	Crossover in regulatory functions, consenting economic development and contracts such as street lighting.	Declare interest and abstain from voting.
	Ann Court Trust	Private	Private	N/A
	Waipapa Rotary	Honorary member	Potential community funding submitter	Declare interest and abstain from voting.
	Properties on Onekura Road, Waipapa	Owner Shareholder	Any proposed FNDC Capital works or policy change which may	Declare interest and abstain from voting.

Name	Responsibility (i.e. Chairperson etc)	Declaration of Interests	Nature of Potential Interest	Member's Proposed Management Plan
			have a direct impact (positive/adverse)	
	Property on Daroux Dr, Waipapa	Financial interest	Any proposed FNDC Capital works or policy change which may have a direct impact (positive/adverse)	Declare interest and abstain from voting.
	Flowers and gifts	Ratepayer 'Thankyou'	Bias/ Pre- determination?	Declare to Governance
	Coffee and food	Ratepayers sometimes 'shout' food and beverage	Bias or pre- determination	Case by case
	Staff	N/A	Suggestion of not being impartial or pre- determined!	Be professional, due diligence, weigh the evidence. Be thorough, thoughtful, considered impartial and balanced. Be fair.
	Warren Pattinson	My husband is a builder and may do work for Council staff		Case by case
Ann Court - Partner	Warren Pattinson Limited	Director	Building Company. FNDC is a regulator	Remain at arm's length
	Air NZ	Shareholder	None	None
	Warren Pattinson Limited	Builder	FNDC is the consent authority, regulator and enforcer.	Apply arm's length rules
	Property on Onekura Road, Waipapa	Owner	Any proposed FNDC capital work in the vicinity or rural plan change. Maybe a link to policy development.	Would not submit. Rest on a case by case basis.
David Collard	Snapper Bonanza 2011 Limited	45% Shareholder and Director		
	Trustee of Te Ahu Charitable Trust	Council delegate to this board		
Mate Radich	No form received			
Kelly Stratford	KS Bookkeeping and Administration	Business Owner, provides book keeping, administration and development of environmental management plans	None perceived	Step aside from decisions that arise, that may have conflicts
	Waikare Marae Trustees	Trustee	Maybe perceived conflicts	Case by case basis

Name	Responsibility (i.e. Chairperson etc)	Declaration of Interests	Nature of Potential Interest	Member's Proposed Management Plan
	Bay of Islands College	Parent Elected Trustee	None perceived	If there was a conflict, I will step aside from decision making
	Karetu School	Parent Elected Trustee	None perceived	If there was a conflict, I will step aside from decision making
	Māori title land – Moerewa and Waikare	Beneficiary and husband is a shareholder	None perceived	If there was a conflict, I will step aside from decision making
	Sister is employed by Far North District Council			Will not discuss work/governance mattes that are confidential
	Gifts - food and beverages	Residents and ratepayers may 'shout' food and beverage	Perceived bias or predetermination	Case by case basis
	Taumarere Counselling Services	Advisory Board Member	May be perceived conflicts	Should conflict arise, step aside from voting
	Sport Northland	Board Member	May be perceived conflicts	Should conflict arise, step aside from voting
Kelly	Chef and Barista	Opua Store	None perceived	
Stratford - Partner	Māori title land – Moerewa	Shareholder	None perceived	If there was a conflict of interest, I would step aside from decision making
John Vujcich	Board Member	Pioneer Village	Matters relating to funding and assets	Declare interest and abstain
	Director	Waitukupata Forest Ltd	Potential for council activity to directly affect its assets	Declare interest and abstain
	Director	Rural Service Solutions Ltd	Matters where council regulatory function impact of company services	Declare interest and abstain
	Director	Kaikohe (Rau Marama) Community Trust	Potential funder	Declare interest and abstain
	Partner	MJ & EMJ Vujcich	Matters where council regulatory function impacts on partnership owned assets	Declare interest and abstain
	Member	Kaikohe Rotary Club	Potential funder, or impact on Rotary projects	Declare interest and abstain

Name	Responsibility (i.e. Chairperson etc)	Declaration of Interests	Nature of Potential Interest	Member's Proposed Management Plan
	Member	New Zealand Institute of Directors	Potential provider of training to Council	Declare a Conflict of Interest
	Member	Institute of IT Professionals	Unlikely, but possible provider of services to Council	Declare a Conflict of Interest
Mike Edmonds	Chair	Kaikohe Mechanical and Historic Trust	Council Funding	Decide at the time
	Committee member	Kaikohe Rugby Football and Sports Club	Council Funding	Withdraw and abstain
Adele	N/A - FNDC Honorarium			
Gardner	Te Hiku Education Trust	Trustee		
	Te Ahu Charitable Trust	Trustee		
	ST Johns Kaitaia Branch	Trustee/ Committee Member		
	Te Hiku Sports Hub Committee	Committee Member		
	I know many FNDC staff members as I was an FNDC staff member from 1994-2008.			
Partner of Adele Gardner	N/A as Retired			

### Far North District Council

### Infrastructure Committee Meeting

### will be held in the Council Chamber, Memorial Avenue, Kaikohe on: Wednesday 24 March 2021 at 9.30 am

### Order Of Business / Te Paeroa Mahi

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### 1 KARAKIA TIMATANGA – OPENING PRAYER

#### 2 APOLOGIES AND DECLARATIONS OF INTEREST

Members need to stand aside from decision-making when a conflict arises between their role as a Member of the Committee and any private or other external interest they might have. This note is provided as a reminder to Members to review the matters on the agenda and assess and identify where they may have a pecuniary or other conflict of interest, or where there may be a perception of a conflict of interest.

If a Member feels they do have a conflict of interest, they should publicly declare that at the start of the meeting or of the relevant item of business and refrain from participating in the discussion or voting on that item. If a Member thinks they may have a conflict of interest, they can seek advice from the Chief Executive Officer or the Team Leader Democracy Support (preferably before the meeting).

It is noted that while members can seek advice the final decision as to whether a conflict exists rests with the member.

#### 3 DEPUTATION

Steve Cornwall has requested to speak to the Committee in regards to water supply issues for Paihia.

Carmen Zielinski has requested to speak to the Committee in regards to Item 5.1 - Kaikohe Waste Water Treatment Plant - Access Safety Assessment and Action Report.

#### 4 CONFIRMATION OF PREVIOUS MINUTES

#### 4.1 CONFIRMATION OF PREVIOUS MINUTES

File Number:	A3110047
Author:	Kim Hammond, Meetings Administrator
Authoriser:	Aisha Huriwai, Team Leader Democracy Services

#### TE TAKE PŪRONGO / PURPOSE OF THE REPORT

The minutes of the previous Infrastructure Committee meeting are attached to allow the Committee to confirm that the minutes are a true and correct record.

#### NGĀ TŪTOHUNGA / RECOMMENDATION

That the Infrastructure Committee confirm that the minutes of the meeting held 10 February 2021 be confirmed as a true and correct record.

#### 1) TE TĀHUHU KŌRERO / BACKGROUND

Local Government Act 2002 Schedule 7 Section 28 states that a local authority must keep minutes of its proceedings. The minutes of these proceedings duly entered and authenticated as prescribed by a local authority are prima facie evidence of those meetings.

#### 2) TE MATAPAKI ME NGĀ KŌWHIRINGA / DISCUSSION AND OPTIONS

The minutes of the meeting are attached. Far North District Council Standing Orders Section 27.3 states that no discussion shall arise on the substance of the minutes in any succeeding meeting, except as to their correctness.

#### Te Take Tūtohunga / Reason for the recommendation

The reason for the recommendation is to confirm the minutes are a true and correct record of the previous meeting.

## 3) NGĀ PĀNGA PŪTEA ME NGĀ WĀHANGA TAHUA / FINANCIAL IMPLICATIONS AND BUDGETARY PROVISION

There are no financial implications or the need for budgetary provision as a result of this report.

#### NGĀ ĀPITIHANGA / ATTACHMENTS

#### 1. 2021-02-10 Infrastructure Committee Unconfimed Minutes - A3077215 🗓 🛣

#### Te Hōtaka Take Ōkawa / Compliance schedule:

Full consideration has been given to the provisions of the Local Government Act 2002 S77 in relation to decision making, in particular:

- 1. A Local authority must, in the course of the decision-making process,
  - a) Seek to identify all reasonably practicable options for the achievement of the objective of a decision; and
  - b) Assess the options in terms of their advantages and disadvantages; and
  - c) If any of the options identified under paragraph (a) involves a significant decision in relation to land or a body of water, take into account the relationship of Māori and their culture and traditions with their ancestral land, water sites, waahi tapu, valued flora and fauna and other taonga.
- 2. This section is subject to Section 79 Compliance with procedures in relation to decisions.

He Take Ōkawa / Compliance requirement	Te Aromatawai Kaimahi / Staff assessment
State the level of significance (high or low) of the issue or proposal as determined by the <u>Council's</u> <u>Significance and Engagement Policy</u>	This is a matter of low significance.
State the relevant Council policies (external or internal), legislation, and/or community outcomes (as stated in the LTP) that relate to this decision.	This report complies with the Local Government Act 2002 Schedule 7 Section 28.
State whether this issue or proposal has a District wide relevance and, if not, the ways in which the appropriate Community Board's views have been sought.	It is the responsibility of each meeting to confirm their minutes therefore the views of another meeting are not relevant.
State the possible implications for Māori and how Māori have been provided with an opportunity to contribute to decision making if this decision is significant and relates to land and/or any body of water.	There are no implications on Māori in confirming minutes from a previous meeting. Any implications on Māori arising from matters included in meeting minutes should be considered as part of the relevant report.
Identify persons likely to be affected by or have an interest in the matter, and how you have given consideration to their views or preferences (for example – youth, the aged and those with disabilities).	This report is asking for the minutes to be confirmed as true and correct record, any interests that affect other people should be considered as part of the individual reports.
State the financial implications and where budgetary provisions have been made to support this decision.	There are no financial implications or the need for budgetary provision arising from this report.
Chief Financial Officer review.	The Chief Financial Officer has not reviewed this report.

#### MINUTES OF FAR NORTH DISTRICT COUNCIL INFRASTRUCTURE COMMITTEE MEETING HELD AT THE COUNCIL CHAMBER, MEMORIAL AVENUE, KAIKOHE ON WEDNESDAY, 10 FEBRUARY 2021 AT 9.35 AM

- **PRESENT:** Cr Felicity Foy, Cr Dave Collard, Cr Rachel Smith, Cr Kelly Stratford, Cr John Vujcich, Te Hiku Community Board Chairperson Adele Gardner
- **IN ATTENDANCE:** Greame MacDonald Group Manager Civil Defence Emergency Management
- **STAFF PRESENT:** Andy Finch (General Manager Infrastructure and Asset Management), Dean Myburgh (General Manager District Services), William J Taylor, MBE (General Manager Strategic Planning and Policy Acting), Janice Smith (General Manager Corporate Services Acting)

#### 1 KARAKIA TIMATANGA – OPENING PRAYER

Cr Smith started the meeting with a karakia.

#### 2 APOLOGIES AND DECLARATIONS OF INTEREST

#### APOLOGY

#### **COMMITTEE RESOLUTION 2021/1**

Moved: Cr Felicity Foy Seconded: Cr Rachel Smith

That the apology received from His Worship the Mayor John Carter and Deputy Mayor Ann Court and Member Mike Edmonds be accepted and leave of absence granted.

CARRIED

#### 3 **DEPUTATION**

Nill

#### 4 CONFIRMATION OF PREVIOUS MINUTES

#### 4.1 CONFIRMATION OF PREVIOUS MINUTES

Agenda item 4.1 document number A3052532, pages 14 - 17 refers.

#### COMMITTEE RESOLUTION 2021/2

Moved: Cr Dave Collard Seconded: Cr Felicity Foy

That the Infrastructure Committee confirm that the minutes of the meeting held 2 December 2020 be confirmed as a true and correct record.

CARRIED

#### 5 INFORMATION REPORTS

#### 5.1 ELECTROCOAGULATION WASTEWATER TREATMENT UPDATE

Agenda item 5.1 document number A3036914, pages 18 - 39 refers.

#### COMMITTEE RESOLUTION 2021/3

Moved: Cr Felicity Foy Seconded: Cr Rachel Smith

## That the Infrastructure Committee notes the report Electrocoagulation Wastewater Treatment.

CARRIED

At 9:54 am, Cr Kelly Stratford joined the meeting.

#### 5.2 NORTHLAND CDEM GROUP DROUGHT PLAN 2020-2021

Agenda item 5.2 document number A3051704, pages 40 - 56 refers.

#### COMMITTEE RESOLUTION 2021/4

Moved: Cr Kelly Stratford Seconded: Cr John Vujcich

That the Infrastructure Committee receive the report Northland CDEM Group Drought Plan 2020-2021.

CARRIED

#### 5.3 INFRASTRUCTURE AND ASSET MANAGEMENT MONTHLY BUSINESS REPORT FOR DECEMBER 2020

Agenda item 5.3 document number A3073355, pages 57 - 215 refers.

#### **COMMITTEE RESOLUTION 2021/5**

Moved: Cr Felicity Foy Seconded: Cr Kelly Stratford

That the Infrastructure Committee receive the report Infrastructure and Asset Management Monthly Business Report for December 2020.

CARRIED

#### 6 PUBLIC EXCLUDED

#### **RESOLUTION TO EXCLUDE THE PUBLIC**

#### **COMMITTEE RESOLUTION 2021/6**

Moved: Cr Felicity Foy Seconded: Cr Rachel Smith

That the public be excluded from the following parts of the proceedings of this meeting.

The general subject matter 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

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
6.1 - Confirmation of Previous Minutes - Public Excluded	s7(2)(h) - the withholding of the information is necessary to enable Council to carry out, without prejudice or disadvantage, commercial activities	s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting woul be likely to result in the disclosur- of information for which good reason for withholding would exist under section 6 or section 7
6.2 - Alternative Wastewater Treatment Technologies Review - Moxiepel	s48(2)(a)(i) - the exclusion of the public from the whole or the relevant part of the proceedings of the meeting is necessary to enable the Council to deliberate in private on its decision or recommendation where a right of appeal lies to any court or tribunal against the final decision of the Council in these proceedings	s48(2)(a)(i) - the exclusion of the public from the part of the meeting is necessary to enable the local authority to deliberate in private on its decision or recommendation

48 of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

#### 7 KARAKIA WHAKAMUTUNGA – CLOSING PRAYER

Councilor Stratford closed the meeting with a karakia.

#### 8 MEETING CLOSE

The meeting closed at 11.37 am.

The minutes of this meeting will be confirmed at the Infrastructure Committee meeting to be held on 24 March 2021.

.....

CHAIRPERSON

#### 5 **REPORTS**

#### 5.1 KAIKOHE WASTE WATER TREATMENT PLANT - ACCESS SAFETY ASSESSMENT AND ACTION REPORT

File Number:	A3111463
Author:	Troy Smith, Assistant Engineer
Authoriser:	Andy Finch, General Manager - Infrastructure and Asset Management

#### TE TAKE PŪRONGO / PURPOSE OF THE REPORT

To seek the Infrastructure Committee's approval to complete health & safety works associated with access to the Kaikohe Wastewater Treatment Plant (Ponds).

#### TE WHAKARĀPOPOTO MATUA / EXECUTIVE SUMMARY

The key points of this report are:

- A number of large pine and gum trees pose a health and safety risk to staff, visitors and neighbours of the Kaikohe WWTP surrounds.
- Clearance and trimming of the hazardous trees has been quoted to cost ~\$113,000 with project management included.
- Another option has recently been presented, whereby the harvesting of pine trees, together with the removal of the hazardous trees could be combined, to result in a small net revenue opportunity of \$44,000

#### NGĀ TŪTOHUNGA / RECOMMENDATION

That the Infrastructure Committee:

- a) approve the engagement of Northland Forest Managers to undertake the harvesting of the pines trees around the oxidation ponds in Cumber Road.
- b) approve the removal of some hazardous gum and pine trees over the access road, as outlined in Option 4.
- c) approve that the cost of replanting of an estimated \$4,000 is funded from the net revenue under Option 4.

#### 1) TE TĀHUHU KŌRERO / BACKGROUND

The Kaikohe WWTP is used daily by Far North Water staff and septic tank cleaning firms, to provide effective wastewater disposal for the area. The access to the treatment plant is lined with numerous large pine and gum trees, of which the majority overhang the accessway.

In June/July 2020, after a large branch fell on the road an experienced arborist was commissioned to further assess the trees and the risk that they pose to the treatment plant users. The arborist's report (attached to this report), discusses the condition of the trees and their recommendation to fell and/or trim those that are at the point of imminent failure.

Due to the safety risk these trees pose to users, 3 quotes were sought in August/September 2020 to undertake the works. Two quotes were for felling and removal only ranging in cost of \$70-75k, and 1 quote for the complete job that also included traffic management, dismantling of fencing, use of temporary fencing, re-instatement of permanent fencing, and site supervision. This quote was for \$113k

Following the receipt of these quotes, the tree work has been delayed due to:

- there being insufficient funding available; and
- advice from the contractors that this work is undertaken during summer.

In recent weeks, a neighbour to the Kaikohe WWTP, in conversation with the Mayor, has suggested that Council harvest the surrounding pine trees to offset the cost of the removal of the trees nearing the end of life. A separate feasibility report was commissioned to assess this potential.

#### 2) TE MATAPAKI ME NGĀ KŌWHIRINGA / DISCUSSION AND OPTIONS

#### Removal of trees at risk

The arborist's report outlines several key signs showing the trees decline:

- Regular heavy traffic has likely caused significant damage to the trees through root compaction
- The tree canopy is in heavy decline, with large standing dead tops above the road
- The lower branches are overloaded and show signs of bark lesions and cracking
- Almost all marked trees have a dominant lean over the access

It is stated that these factors indicate that the trees are at the end of their life span.

Nearing 7 months since the initial branch fall and arborist's assessment, the safety risk imposed to any users of the treatment plant access remains high.

Far North Waters staff have completed a more recent survey of the trees to grasp the scale of the project. There is a total of 38 large trees marked by the arborist for removal, 11 of which have a trunk diameter less 24 inches and the remaining 27 a greater diameter. The 11 smaller trees can be put through a chipper onsite, whereas the larger trees require extensive trimming, cutting, and winching to remove them safely. In addition, there are several dead/compromised branches that will need to be removed from some of the trees not marked for removal. There is an aerial map attached to this report, showing the area of trees for remedial action. Below are 2 example pictures taken on the 19<sup>th</sup> of February 2021.



Figure 1: Tree overhanging accessway



Figure 2: Tree size comparison

The more significant trees highlighted for removal are approaching approximately 30 - 35 metres tall, with a trunk diameter of ~2 metres at the base. The number of trees at this size will result in a significant tonnage in wood. Brief calculations estimate there could be 450 tonnes of wood to remove for the project. Although the wood is not viable to mill into timber, hence no return in sales, there could be a significant saving in transport and preparation costs if the wood is 'gifted' to a local firewood supplier for division and removal at their own cost. The wood chips / mulch resulting from the smaller trees could be provided to schools or parks for landscaping.

There are several potential options for consideration as outlined below:

#### Option 1 – Do nothing - \$0

The trees could be left standing.

- Potentially review of the works again in the future (1 2 years).
- Continual high risk to staff, septic tank cleaning firms and access to the plant if more branches or a tree should fall.
- No unbudgeted financial cost to Council at this stage.

#### Option 2 – Do minimum - ~\$50k

Only the most problematic trees could be removed along with trimming of other dead/compromised branches. This also includes the removal and reinstatement of the neighbouring boundary fence.

- Potential review of the works again in the future (2 5 years).
- Reduced yet moderate risk to the WWTP operators, users, and plant access.
- A moderate, unbudgeted financial cost to Council.
- Financially inefficient given there will be high set up costs for minimal felling work.
- This would require further assessment to identify the priority trees.

#### Option 3 – Arborist recommended - \$113k

Remove the arborist recommended trees (11 small and 27 large) along with trimming of other dead/compromised branches, approximately a total of 450 tonnes of wood. This also includes the removal and reinstatement of the neighbouring boundary fence.

- Potential review of the works again in the future (10+ years).
- Greatly reduced risk to the WWTP operators, users, and plant access.
- The most expensive option of the 3, with a high unbudgeted financial cost to Council.
- Financially efficient, balancing out high setup/equipment costs with a large scope of works.

Community benefit by providing a local supplier with wood and the greater community with a source of firewood, wood chips also to be donated.

Should Council choose this option, then an appropriate resolution would be:

That the Infrastructure Committee approve unbudgeted expenditure of \$113,085 (GST exclusive) for clearance and trimming of the declining trees as outlined in option 3, and direct award Far North Waters to undertake this work

#### Revenue opportunity of harvesting pine trees

Northland Forest Managers (NFM) were asked to investigate the viability of harvesting the pines trees around the oxidation ponds in Cumber Road, and the removal of some hazardous gum and pine trees over the access road.

#### Option 4 - Proceed with harvesting opportunity and the removal of "at-risk" trees

# The conservative **nett revenue to Council is estimated to be \$44,000** based on 4.8 ha of trees on Council land

This figure has been calculated based on:

- I. a pre harvest inventory that indicates there is at least 2,200 tonnes of merchantable logs
- II. a sales value of \$280,000 (based on the 2-year average return of \$135 per JASm<sup>3</sup> for A grade, with current spot price @ \$145 per JASm<sup>3</sup>)
- III. costs of harvest, transport, roading, planning, crew establishment, old tree removal, fencing, regrassing etc of \$236,000.

A number of factors were included in the costs of harvesting and removal, with allowances for;

- 2 stage logging due to concerns about the integrity and safety of the concrete road leading to the ponds if full logging truck and trailers were used
- Road maintenance should perimeter road deteriorate in inclement weather or not be as sturdy as anticipated
- Supervision by the lines company of felling of the trees near the transmission lines
- Archaeological approval due to burial site (NZAA website information may be incorrect)
- Allowance for removal of the old gum and pine trees along the road, some within two tree lengths of the house and power wires.

NFM have had an initial conversation with the neighbour (Zielinski) who has provided conceptual approval for use and alterations to their property to accommodate the proposed work

Removal of the trees needs to take place in dry conditions, with removal taking about 1 month

A detailed report is attached.

It is also worth noting that Council will need to replant this area within 4-years of harvesting at an estimated cost of \$4,000 so there is no impact with ETS requirements.

#### Te Take Tūtohunga / Reason for the recommendation

The current risk to staff, other users, and the plant access is too great to not act. Option 1 is not recommended.

Undertaking removal and trimming of only the highest priority trees will reduce the risk for the short term, however the project will still require equipment to remove the trees safely, thus associated with a high setup cost. It is also likely that similar work may need to be reviewed in several years, making this option financially and timely inefficient.

Although the highest financial cost, Option 3 is believed to be the most effective, efficient, and considerate option in terms of staff / user safety.

Option 4 is recommended as the cost of removal (option 3) can be offset from revenue in the harvesting of pines. While Council is not in forestry as core business, with the appointment of an expert to undertake this work, it seems the best option.

# 3) NGĀ PĀNGA PŪTEA ME NGĀ WĀHANGA TAHUA / FINANCIAL IMPLICATIONS AND BUDGETARY PROVISION

Option 3, the recommended option should Council not select a combined harvesting option, comes to a total of \$113,085 excluding GST. This will be unbudgeted expenditure if undertaken this financial year.

The preferred and recommended option 4 presents an opportunity for net revenue of \$40,000 (\$44,000 less \$4,000 for replanting), whilst still obtaining the initial objective of removing the high risk trees.

#### NGĀ ĀPITIHANGA / ATTACHMENTS

- Tree Removal Map 1 A3100908 1 Tree Removal Map 2 A3100907 1.
- 2.
- Arborist's Report A3100955 🗓 🛣 3.
- Cumber Road, Kaikohe Harvest Investigation Draft A3117720 🗓 🖾 4.

#### Te Hōtaka Take Ōkawa / Compliance schedule:

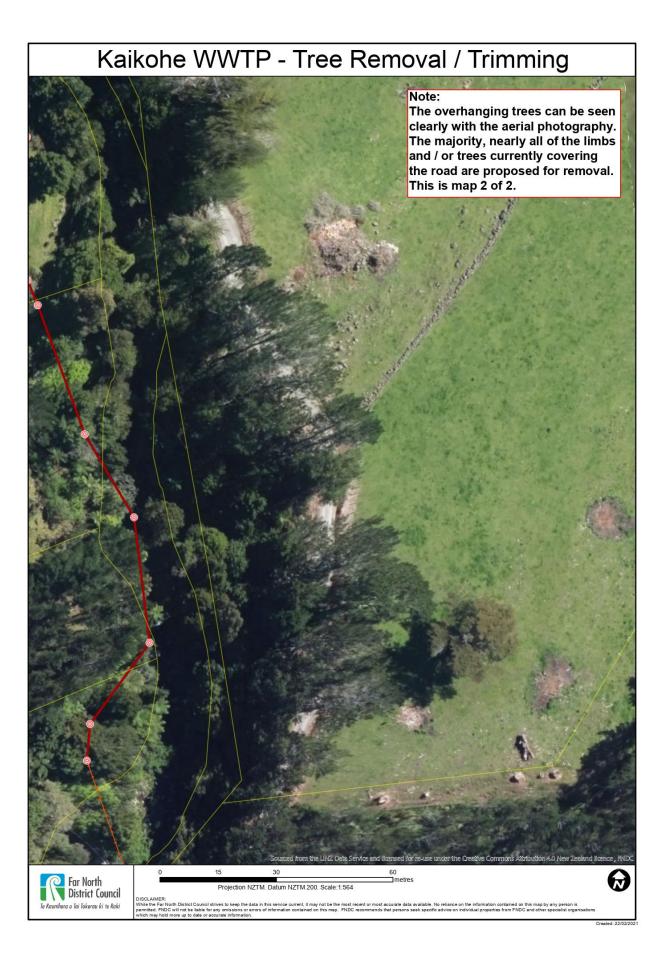
Full consideration has been given to the provisions of the Local Government Act 2002 S77 in relation to decision making, in particular:

- 1. A Local authority must, in the course of the decision-making process,
  - a) Seek to identify all reasonably practicable options for the achievement of the objective of a decision; and
  - b) Assess the options in terms of their advantages and disadvantages; and
  - c) If any of the options identified under paragraph (a) involves a significant decision in relation to land or a body of water, take into account the relationship of Māori and their culture and traditions with their ancestral land, water sites, waahi tapu, valued flora and fauna and other taonga.
- 2. This section is subject to Section 79 Compliance with procedures in relation to decisions.

He Take Ōkawa / Compliance requirement	Te Aromatawai Kaimahi / Staff assessment	
State the level of significance (high or low) of the issue or proposal as determined by the <u>Council's</u> <u>Significance and Engagement Policy</u>	Medium / high degree of significance due to the circumstances effect on user health and safety, and continuation of Council services.	
State the relevant Council policies (external or internal), legislation, and/or community outcomes (as stated in the LTP) that relate to this decision.	<ul> <li>In interest of maintaining Council (wastewater / sewage) service continuity for the community: <ul> <li>Local Government Act 2002</li> <li>Public Works Act 1981</li> </ul> </li> <li>The work relates to a number of external legislations: <ul> <li>Health and Safety at Work Act 2015</li> <li>Health and Safety at Work General Risk and Workplace Management Regulations 2016</li> <li>Electricity Hazards from Trees Regulations 2003</li> <li>CoP (Code of Practise) for Safety and Health in Forestry Operations</li> <li>CoP – Part 2: Maintenance of trees around power lines</li> <li>Best Practise Guidelines – Worksafe – Safe Manual Tree Felling</li> </ul> </li> <li>Also relevant to the accessway / road are: <ul> <li>Land Transport Act</li> </ul> </li> </ul>	
State whether this issue or proposal has a District wide relevance and, if not, the ways in which the appropriate Community Board's views have been sought.	This proposal pertains to the Kaikohe community and their wastewater services. It requires review from the Infrastructure Committee as it seeks approval of unbudgeted expenditure for operational work.	
State the possible implications for Māori and how Māori have been provided with	There are no foreseen implications for Māori.	

an opportunity to contribute to decision making if this decision is significant and relates to land and/or any body of water.		
Identify persons likely to be affected by or have an interest in the matter, and how you have given consideration to their views or preferences (for example – youth, the aged and those with disabilities).	<ul> <li>Those affected directly are:</li> <li>Council / Far North Waters staff</li> <li>Septage service trucks (Private firms)</li> <li>Users of the Kaikohe WWTP</li> <li>The owners of 76 Cumber Road, Kaikohe (Zielinski Holdings Limited).</li> </ul>	
State the financial implications and where budgetary provisions have been made to support this decision.	This is covered under section 3 of the report, where a proposed unbudgeted expenditure of \$113,085 GST exclusive is recommended.	
Chief Financial Officer review.	This has been reviewed by the CFO.	





Tree Report for Cumber Rd Kaikohe 13th July 2020

The basis for this report is to provide information for the facilitation of multiple tree removals along the road side leading down to the waste water site located at the end of Cumber Rd Kaikohe. I am a qualified Arborist with a level 4 national cert in Arboriculture and have 18 years experience. The detail laid out in this report is an assessment of tree health observed from the ground and based on my knowledge of tree health and structural defects.

On the morning of 13<sup>th</sup> July I met with Corey from Broad-spectrum and was shown a row of large gums and pines along the road side to the waste water dump these trees consisted of Eucalyptus and the Pinus species, although large and heavily dominate over the road, they are also posing a threat to neighbouring properties if they fail.

Without a root zone inspection my guess would be that this road and heavy compaction of roots has played a significant role in the decline of these trees.

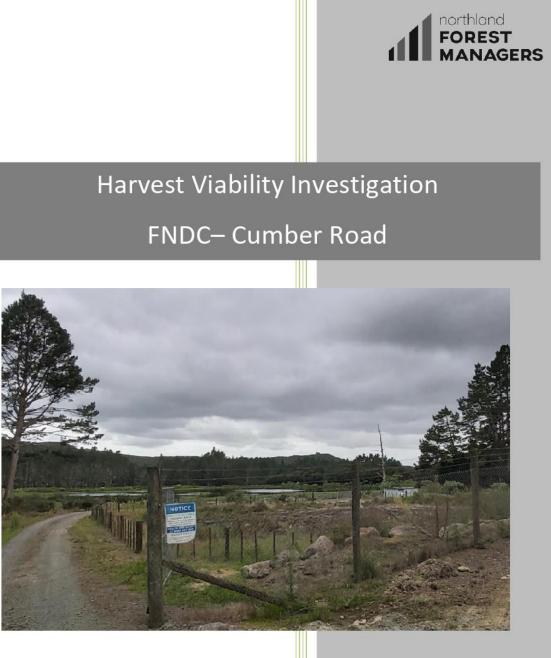
The canopy of the eucalyptus trees are showing major signs of retrenchment and are in heavy decline with large standing dead tops sitting above the road way. The leaves are small and showing signs of insect damage, this damage as well as chlorotic growth is normally associated with stress. The lower laterals are overloaded and extend over the roadway and towards the neighbouring property, bark lesions and cracks are also signs of almost imminent failure. The dead canopy of these trees are tall and heavy and pose an immediate threat and risk to anyone using the road or neighbouring property.

The Pine trees, although presenting slightly more vigour are also showing signs of decline with a sparse canopy and short chlorotic needles, some trees have also sustained recent branch failure over the road. Almost all of the marked trees have a dominate lean over the road and adjoining properties

Although no risk assessment was carried out, the potential for further failure here is high and given the reasonably high amounts of traffic using this road the potential for injury and or death would also be high if a mechanical failure of one of these trees was to occur.

#### Conclusion

Given the trees health and severe decline of large amounts of canopy the safest and cheapest way to deal with these trees would be to fell all trees marked with red paint and side trim over the road a few smaller trees.



CARL MULLER M: 0274 688 788 March 2021



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#### Summary

The Far North District Council asked Northland Forest Managers to investigate the viability of removing the pines trees around the oxidation ponds in Cumber road, and some hazardous gum and pine trees over the access road.

The conservative nett revenue to council is estimated to be \$44,000 based on 4.8 ha of trees on Council land (there is a further 0.5 ha on LINZ managed Crown Land that has been excluded from this analysis)

- This figure has been calculated based on a pre harvest inventory that indicates there is at least 2,200 tonnes of merchantable logs
- A sales value of \$280,000 (based on the 2-year average return of \$135 per JASm<sup>3</sup> for A grade, with current spot
   @ \$145 per JASm<sup>3</sup>)
- Costs of harvest, transport, roading, planning, crew establishment, old tree removal, fencing, regrassing etc of \$236,000.

A number of factors have been included in the costs of removal, with allowances for;

- 2 stage logging due to concerns about the integrity and safety of the concrete road leading to the ponds if full logging truck and trailers were used
- Road maintenance should perimeter road deteriorate in inclement weather or not be as sturdy as anticipated
- o Supervision by the lines company of felling of the trees near the transmission lines
- Archaeological approval due to burial site (NZAA website information maybe incorrect)
- Allowance for removal of the old gum and pine trees along the road, some within two tree lengths of the house and power wires.

Initial conversation with the neighbour (Zielinski) has conceptual approval for use and alterations to property as outlined below

Removal of the trees needs to take place in dry conditions, with removal taking about 1 month

This report provides a summary of the considerations and potential return from this work

The Earthworks and Harvest Management Plan has been developed using the following industry guidelines and standards:

- Approved Code of Practice for Safety and Health in Forest Operations.
- New Zealand Environmental Code of Practice for Plantation Forestry.
- New Zealand Forest Road Engineering Manual.
- Northland Forestry Earthworks and Harvesting Guidelines for Northland (Vol 2).

Consideration should be given to replanting the land, with a budget figure of \$2050/ha for pines trees appropriate.

#### Introduction

NFM was engaged to determine the viability of harvest of the trees around the oxidation ponds in Cumber Road, and remove hazardous trees on the private entrance road to these ponds.

The following information represents the harvest plan for Cumber Road, and the aspects considered when scoping the work. It provides a general description of the way the work is intended to be carried out.

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There is always the chance that when the work is being undertaken, it may happen in a slightly different manner to how it is described in this document. Weather conditions or operational conditions and issues on site at the time may result in a variation to the planned works.

Northland Regional Council will be provided with a harvest plan in a different format, as part of the notification process that is required under the National Environmental Standards – Plantation Forestry (NES-PF).

This plan covers specific areas that relate to the NES-PF and the regulations that are specific to;

- Earthworks for roads, and landings.
- Identification of harvest systems, setting identification and critical areas.
- Harvest timing and sequencing.
- Archaeological sites

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Aspect	Information	Considerations
Stocked Area	4.8 ha has been used due 0.5 ha of these trees being on Crown owned title.	Council will need to determine ownership of these trees
	The total stand area was mapped using aerial imagery as 5.3 Ha, compared to 5.4 Ha recorded in Ian Jenkins Valuation report from 2016.	
Year of Establishment	Reported as 1984	
Cadastral and Map Reference:	LINZ Parcel ID's 4859154, 4996119, 4996248 Lot 2 Deposited Plan 45233, Section 27 Block IV Punikitere Survey District, Section 2 Block III Punakitere Survey District -35.42613037,173.82286511 LINZ Parcel ID 4840258 appears to be crown property	As above, tree ownership on LINZ managed crown land will need to be confirmed

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FNDC CUMBER ROAD		
Archaeological Sites	One burial site within the titles above (P05/430), and some on neighbouring titles	<ul> <li>An archaeologist (\$4,500) has been allowed for to provide an opinion on impact/risk <ul> <li>This may/may not result in a reduction of harvestable area</li> </ul> </li> <li>The burial site described (by NZAA coordinates) as being on the property appears to match the description of the clearly visible area on the neighbouring property. This will need to be clarified.</li> </ul>
Erosion Susceptibility rating	25% High , 5% Moderate,69% Low,	The high risk area is subject to restrictions for roading on slopes >25°. There is only a small amount of >25°, and roading through this area is not planned.
Fish Spawning	Group B sensitivity on western stream , Northland Mud Fish (Neochanna heleios) 1 <sup>st</sup> April to 30 September	This will limit work in and around the stream during these periods.
Territorial Authority:	Far North District Council (FNDC)	
Regional Council	Northland Regional Council (NRC)	
Power Lines	Eastern Boundary – high tension powerlines within 2 tree lengths	An observer from the power company for 4 to 5 days \$5000 allowance
Fences	Removal of the pine trees may result in some damage to the boundary fences (estimated 600 m) Removal of the old trees on the entrance way will result in damage to the fence estimated 300 m)	An allowance has been made of \$7,000 for fencing requirements

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Bridge	Bridge P48 does not appear on the FNDC restricted weight bridge list, however its rating will need to be confirmed	In a brief discussion with the neighbour, it was suggested that they would be willing to remove some of the bank to allow for easier access. (\$1,500 allowed for)
	The bridge on the entrance way is currently too tight to easily get a truck and trailer around.	
Concrete Road	The slope (20°), width (3m on straights and 4m on corners), and concrete strength (single axle 13 tonne trucks) impacts the ability to remove full truck and trailer loads of logs from the site	Potential 2 stage logging to a staging location has been allowed for (\$11,000)
General Roading	It is understood that the track around the pond may be mainly capping metal.	This makes the job a dry weather job, rather than upgrading road at substantial expense. We have allowed for \$25,000 in road maintenance as a contingency.
Pipelines	We are unaware of any pipelines (Cory possibly providing a shapefile of pipeline location	
H&S Considerations	Oxidation pond risks, Old trees on entrance ways, water hazards, slopes, rocks, other traffic access along road Power wires to house, and transmission lines House within two tree lengths	<ul> <li>Workers may require vaccinations for Hep A, B and Tetanus</li> <li>Effluent trucks will need a radio system to facilitate continued operation</li> <li>Turn off power to house?</li> </ul>
Environmental Considerations	NES-PF requirements (see also fish spawning )	<ul> <li>Work around the stream to prevent mobilisation of soil will be carefully managed</li> </ul>
Forest Neighbours & Stakeholders	The property is bounded by several private landowners, and a Crown property	<ul> <li>The most impacted neighbours will be the Zielinskis. We met them have approval in broad terms with work with them to provide a suitable outcome for all parties</li> <li>As above 0.5 ha appear to be on the Crown Property.</li> </ul>

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### Pre Harvest Inventory

The mapped stand area is rather complex, with parts of the stands walked to determine boundaries between native and pine species.

3 plots covering 2.5% of the area were measured for tree height, form and diameter. The results from 37 trees are;

Parameter	Value
Basal Area	64 m²/ha
Mean Top Height	37.2 m
Mean Diameter at breast height	51 cm
Average Stem Size	1.9 m³

There is a high level of variability within the stands on stocked area, and old trees can be more brittle, so the Total Recoverable Volume (TRV) has been discounted to 75% (instead of the usual 85%)

The following grade mix has been used to estimate return. Prior to harvest an optimised sales plan will be completed to capture value from both local and export opportunities

Parameter	Value	Tonnes	Description
P40	14%	309	Premium grade pruned log
P30	6%	132	Pruned log
AO	10%	221	Premium grade unpruned log
A	28%	618	Unpruned log
К	16%	353	Small unpruned log
KI	18%	397	Industrial grade log
KIS	5%	110	Pulp Log (export)
Pulp	3%	66	Pulp Log (local)
Total	100%	2,207	

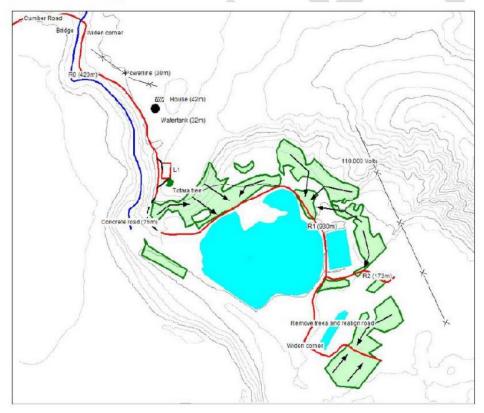
The grade mix has been discounted from the actual measured to provide some conservatism in the calculations



### **Financials**

Client:	FNDC Cumber	Road
Contract Type	Managed Sale	
Date:	9/03/2021	
Area:	4.8	На
TRV:	460	
Year of Establishment	1988	est
	excl GST	
	Total	
Weight tonnes	2,207	Per Tonne
Gross Revenue	\$281,085	\$127
Expenses		
Logging and Loading	\$97,518	\$44.19
Cartage	\$65,613	\$29.73
Roading, Landings, Equipment Delivery, Post harvest clean-up	\$60,450	\$27.39
Weighbridge	\$662	\$0.30
Planning, Engineering, Compliance, Marketing , Supervision, Monitoring, Finance	\$11,985	\$5.43
Total Expenses	\$236,229	\$107.05
INDICATION of possible return	\$44.857	\$20.33

### **Harvest Planning**



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### Ground Base Logging:

These types of machines are planned for the logging operation;

- Felling Machine,
- Grapple equipped excavator-based machine (shovel machine) used in conjunction with;
- Log Processor

### Variation to the Harvest Plan

The plan for accessing and extracting the trees may vary. Any changes to the harvest methodology relating to earthworks / harvesting required will be planned and discussed with the landowner and Northland Regional Council representatives.

### Engineering

Engineering program to access the woodlot

- Maintaining current road around pond
- Construction of a landing

General Specifications for Roads and Landings are:

- Roads 6.0m formation width (water table to water table), 4.0m carriageway/pavement (wider on corners)
   0.3m compacted metal depth (extra depth will be required in softer/wet areas)
- Road Grades: Adverse (uphill) <15%, Favourable (downhill) <19%
- Landing 2,000 3000m<sup>2</sup> (60m x 50m) as terrain allows

### **Road Aggregate**

- The road construction will require volumes of suitable aggregate to build a suitable road for logging trucks to use.
- Suitable rock/aggregate will be sourced from the farm, with capping aggregate brought in.

**Arterial Roads, Stub Roads & Stream Crossings** 

• The forest area is accessed via the unsealed road

### **Erosion & Sediment Control Plan**

Our normal process is;

- 'Opening' the work site will require careful planning to ensure exposed earth is keep to a minimum.
- Ensuring storm water controls are in place and metal is applied to the formed road surface as soon as practical is critical to enable work to continue after a rainfall event.
- If rain is expected before the works are totally completed, then ensuring that basic storm water controls are in place to control water and sediment runoff will be required.
- The location, size & frequency of erosion and sediment control structures (temporary or permanent) will require careful planning. Monitoring & maintaining these will be required to ensure these are operating adequately.
- Stabilisation of the work site may be required to cover the exposed earth around the landing area as it is close to the swamp.

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• Regular monitoring of the weather forecast will be required to determine weekly earthworks plan and the likelihood of rainfall events - Recommended weather sites: <u>www.metvuw.com</u>. or <u>www.metservice.com</u>

### Disclaimer

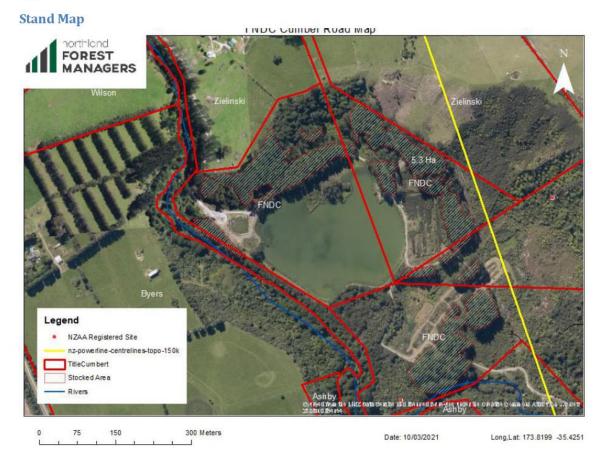
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### Appendices



northland FOREST MANAGERS

4

FNDC CUMBER ROAD

Stocked Area ESC (March 2018)

75

150

Other E SC2018 Low Moderate High Very High

0





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300 Meters

1

12

Long,Lat: 173.8211 -35.4255

Date: 10/03/2021



### Harvest return

											and a second		
Client:	FNDC Cumber	Road					\$3.58	Tonne (includer	- 4	north			
Contract Type	Managed Sale									FOR	EST	$\rightarrow$	
Date:	9/03/2021						3.50%	Net Revenue		MAN	AGERS	$\rightarrow$	
Area:	4.8	На								111241	HOLNO		
TRV:	460		EN predict	ion					· .				75
Year of Establishment	1988	est	ACR predict				Latest						
Tree Age	38	est	Date:	10/03/2021			Latest						
The Age		<u> </u>	Date.	TO O D D D D D									
Customer	Export	Export		Export	Export	Local	Export	Export	Export	Marasumi	Totai		
og Grade	P40	P30		AO	A	Post	Export	KI	KIS	Pulp	T GUAI		
Destination	MAP	MAP		LLAP	MAP	680	MAP	MAP	MAP	Forland			
Log Prioing													
Mee	\$172.00	\$107.00		\$101.00	\$106.00		\$127.30	\$118.00	\$110.00	\$46.00			
Demoncy	N2D	N2D	NZD	NZD	N2D	NZO	NZD	NZD	N20	NED			
Jaits (m3/V/as) Price Point	jas AWG	jas AWG	ANG	jas AWG	jas AWG	ANG	jas A/NG	jas AWG	jas ANG	AWG		$\rightarrow$	
ALL POINT	Airo	Ano	7003	Ano	And	AN S	AN9	ANG	000	Awo			
TRV (m3/ha)	64.365	27.585	0	46.0	128.7	0.0	73.6	82.8	23.0	13.7925	460		
(elume (m2)	3(8	132	0	221	818	0	363	387	110	68	2,207		
toen %	20%	8%		11%	28%		12%	16%	8%	1%	102%		
/siume (%) acjusted	14%	8%		10%	28%		18%	18%	296	3%	100%		
Serversion (m3/torne)	1.00	1.00	1	1.00	1 610	0	1 050	1 997	110	66	2.207	1.01	
Weight Ionnes	145	132	0	10%	20%	0	1010	10%	110	25	2,207	1.01	
Conversion (Jas/forme)	14%	101		1010		1	0.95	10%	0.78	1	100%	<b>⊢</b> → I	
NZDitonre AMG/AWG	1.44	1.41		1.60	5.01				676				
Price AWGIABO NZDA	\$188 BD	\$138.37	\$3.00	\$137.66	\$130.95	\$3.60	\$120.85	\$107.34	\$85.10	\$46.00			
Prodin Coefe (NZD/t):													
Fotal Prod Ocets	\$108.05	\$100.00		\$100.08	\$100.05	\$67.50	100.30	\$108.65	\$140.00	878.41			
lett Price per grade	\$72.60	\$30.37	\$0.00	\$29,55	\$22.95	\$0.00	\$12.65	-\$5.66	-\$22.20	-\$31,08	\$ 20.33	per tonne	Per Ha
Gross Revenue	\$55,797	\$18,321	\$0	\$30,355	\$80,915	\$0	\$42,630	\$40,652	\$9,467	\$2,979	\$211,085	\$127.37	\$58,50
ogging & Loading cost	12,902	6,959	0	9,921	27,906	0	15,009	17,875	4,965	1,192	97,518	\$14.19	\$20,2
Dertage oost	9,231	3,956	0	6,594	13,463	0	10,550	11,860	3,297	1,652	65,613	\$29.73	\$13,9
teading and other costs veighbridge charges	6,463	3,627	0	6,045	15,526	0	5,572	10,551	3,023	1,814	50,450	\$27.35 \$0.30	\$ 12,5
Wanagement+Planning (Isol Levy)	2.243	40		1,220	1412	0	1.823	1.796	435	240	11 905	\$5.43	\$2,4
Total Expenses	\$23,933	765	\$0	\$23,905	3,412 \$66,792	\$0	1,525	\$42,540	435	\$4,918	\$236,229	\$107.05	\$49.2
THE EXPERIME	800.007			840,797	999,1 Pa		100,000	010.040	11,700	10.010	1470,447	1101.00	140.4
Protit	\$22,429	\$4.021	50	\$6.520	\$14,179	50	\$4,465	-\$2,250	-\$2,450	-\$2,058	\$44,857	\$20.33	\$9.34
FIGH	944,947	04,021	eu.	40,020	\$14,175	ev	04,400	*92,200	104,400	-92,000	Q446,007	920.00	43,04
-													
Nett to Owner	\$22,429	\$4,021	\$0	\$6,520	\$14,179	\$0	\$4,465	-\$2,250	-\$2,450	-\$2,058	\$44,857		\$9,34
Browers Levy	\$101.95	\$43.69	\$3.00	\$72.82	\$203.91	\$3.00	\$116.52	\$131.08	\$36.41	\$21.85	\$728.24	\$0.33	
											plus GST		
											001		
Reading - Landing	6 4,950	cotimate only			m	im (or § cach	•						
teading maintenace		estimate only		Landings	1	33,000	\$3,000	0					
Yower Company	\$ 5,000									rnings to eo			
Read Control		estimate only								Hpe C shots			
Fencing	\$ 7.000	estimate only		Bridge Access	1	\$1,500	\$1.600			Close appro	ach Transpower		
Posharvest cleanup	\$ 4,000	estimate only									is to pull mere out		
stabil shment of crow	s 10.000	catinate only		Contingency (10			64.50			regrass/tidy	roval of driveway the	•	
stablishment Operation/Disestablishme	* -0,000	and the start of the		Contragency (19			44.94			- Passed St.	AN INTRACTO	++	
it cesis total	\$ 55,750	estimate only					\$4,860	I		- power to no	use	I	
vjest Fee	5 -	estimate only								-			
Bafety auditing (fallers/BBCs)		estimate only											
Archaeological assessment/monitoring	\$ 4,600	ectimate only		Fencing	700	10	\$7,000						
avirormental monitoring		ectimate only											
reposed Biosecurity Levy lotal other ocets	3 -	estimate only											
otal other ocets	\$ 60,467	\$ 27.38										$ \rightarrow $	
		L										<b>⊢</b> → I	
Aad	km	Dectination	rate/fcnae	max									
listance to port	116	MAP	29,8900										
Istance to DHH Whangard		WHO	0.0425										
istance to Resvall		6	8.8425										
istance to Marusumi	91	Portana	24.9600										
Distance to Walpapa Pine		Kerl	8.8425										
Distance to DROFT		CRO	8.8425										

Northland Porest Managers (1995) Limited | Private and Confidential

Northland Forest Managers (1995) Limited | Private and Confidential

13

### 5.2 HIHI WASTEWATER TREATMENT PLANT CAPITAL WORKS BUSINESS CASE

# File Number:A3110125Author:Mary Moore, Business Case SpecialistAuthoriser:Andy Finch, General Manager - Infrastructure and Asset Management

### TE TAKE PŪRONGO / PURPOSE OF THE REPORT

To present the detailed business case for the replacement of the Hihi Wastewater Treatment Plant and progress the planning of this capital works by approving the advancement of the preferred option identified, Option 3 - Membrane Bio Reactor, to detailed design.

### TE WHAKARĀPOPOTO MATUA / EXECUTIVE SUMMARY

Replacement of the Hihi Wastewater Treatment Plant has been the subject of investigation, discussion, and consultation without success for the last 20 years. The plant is currently in such poor condition that it is at risk of complete failure, with periodic breaches of consent conditions occurring and the risk of injury to operators is high. The plant is unable to meet seasonal demand and replacement is now the only option due to asset conditions beyond repair.

This project is required to meet Council's strategic priority - Affordable core infrastructure - and Community Outcome - Communities that are healthy, safe, connected and sustainable.

The detailed business case demonstrates a similar capital cost for Options 2 – Activated Sludge Plant (ASP) and 3 – Membrane Bio Reactor (MBR) with a slightly higher Whole of Life cost for MBR. However, after factoring in quality and time. MBR is the preferred option as it will deliver the required level of service. This compares to ASP which will deliver the required level of service most of the time.

The budget included in the Long-Term Plan 2018-2028 is insufficient to undertake the minimum required remedial works without replacing the treatment plant. Revised budget forecasts are currently included in Years 1 and 2 of the proposed Long-Term Plan 2021-2031. Additional budget may be required in Year 3, but this would be quantified in detailed design.

The Long-Term Plan 2021-2031 public consultation phase provides the opportunity for the district to answer the following questions:

- Do we need it?
- Is it the timing correct?
- Is the budget provision appropriate?

As affordability and the impact on rates continues to be a critical constraint in reaching an acceptable solution, further community consultation will provide them the opportunity to agree:

- Are the options relevant?
- Is the preferred option likely to achieve the best outcomes?
- Does the preferred option represent value for money?

Given the advanced deterioration of the plant, implementation of an acceptable solution is now regarded as a matter of urgency in order to avoid this community completely losing this service. While affordability continues to impede efforts to resolve the situation, it is acknowledged that this remains a critical issue for this community due to application of the current funding model.

### NGĀ TŪTOHUNGA / RECOMMENDATION

That the Infrastructure Committee recommend that Council:

- a) approves the detailed business case preferred Option 3 Membrane Bio Reactor, to be located on the existing Hihi Wastewater Treatment Plant site, to be advanced to detailed design and community consultation
- b) notes the potential cost of the preferred option and the impact upon rates.

### 1) TE TĀHUHU KŌRERO / BACKGROUND

The small coastal township of Hihi is located within the Doubtless Bay area of the Te Hiku ward, a short distant across the harbour from the Mangonui township. A popular retirement and holiday spot, Hihi's residential population numbers 200 during the winter months, growing to 400 during summer and peaking during the Christmas holiday period (24 Dec - 7 Jan) to 600+. All properties are served by roof tank water supply, so water usage is low for the catchment and connectors to the wastewater scheme include a campground operation.

Originally a temporary installation constructed circa 1975, the Hihi Wastewater Treatment Plant was designed using a 'least expense' approach with capacity to meet the needs of approximately 200 people. The treatment plant is located within the residential area with discharge of treated water to the harbour is via a wetlands system located a short distance outside of town. The consent for the plant expires in November 2022.

From early 2001, Council records have indicated the plant is structurally at the end of its life and unsafe. If it is not replaced the risks of injury to onsite personnel and of catastrophic failure is high. Periodic breaches of consent conditions are occurring due to insufficient flow and load treatment capacity to meet seasonal and peak population demand.

Relocation of the plant outside the residential area (adjacent to the wetlands) using the MBR option was investigated and widely supported by the community (79%) but was eventually (2011) discounted as viable on a cost/benefit basis.

In March 2019 a Conceptual Design Options report was prepared by WSP Opus. The options considered were:

- Conventional Activated Sludge
- Fixed Film Treatment
- Membrane Bioreactor (MBR)
- Other (Low energy treatment, Storm storage, relocation of treatment plant, and other discharge location)

The first three options were compared with the recommendation being to progress the MBR option for the purpose of setting a project budget. A peer review was also commissioned which raised several concerns about the disadvantages of the MBR option and further investigation was undertaken.

A structural condition assessment of the treatment plant was undertaken in the presence of the maintenance operator during October/November 2019 to confirm previously observed issues (2014) and assess if any further damage had occurred. While the assessment confirmed multiple issues and recommended substantial remedial works, the overall condition of the plant remained poor and at risk of failure.

In November 2019 an indicative business case highlighted several issues requiring resolution to enable a detailed business case to be completed. This prompted a Business Risk Assessment Workshop (Dec 2019) followed by an Options Workshop (Jan 2020). Both workshops were attended by FNDC (asset management & planning and project delivery), Far North Waters & Broadspectrum (operations & maintenance), as well as external engineering consultants.

The Options Workshop considered a long list of options:

- Option 1 Do minimum (refurbish aeration tank only)
- Option 2 Activated Sludge Plant (ASP)
- Option 3 Pump to Mangonui
- Option 4 Moving Bed Bioreactor

Option 5 - Membrane Bioreactor

From this long list, the following short list was determined with Option 3 – MBR identified as the preferred option based on estimated costings v. benefits:

Option 1 - Do minimum (tank refurbishment)

Option 2 - Activated Sludge Plant (ASP)

Option 3 - Membrane Bioreactor Plant (MBR)

The March 2020 Hihi Options Review report summarises these workshops and the Business Risk Assessment Workshop report (Appendix F) provides a comprehensive assessment of the issues and the associated risks.

The final steps to completing the detailed business case was to peer review the estimated costings and include a Whole of Life (WOL) analysis and a Rating Impact comparison.

**Note**: Attachments to this report have been abridged to those principal reports referenced in the Detailed Business Case. All other reports and appendices are available upon request.

### 2) TE MATAPAKI ME NGĀ KŌWHIRINGA / DISCUSSION AND OPTIONS

The detailed business case (Attachment 1) considers the following three options using a Whole of Life approach:

Option 1 - Do Nothing

Option 2 - Activated Sludge Plant (ASP)

Option 3 - Membrane Bioreactor Plant (MBR)

The outcome of this approach using the Options Workshop cost estimates reveals Option 3 - MBR as the recommended option as summarised below.

### Do Nothing

This option will not address the existing problems and this plant is not expected to meet future consent requirements once the consent is replaced in 2022.

The significant risks of this option include the increasing risk of injury to operators and the catastrophic failure of the plant leaving the community with no wastewater treatment and negative environmental consequences, the consequential needs to manually dispose of waste daily and a high risk of enforcement action being taken against Council.

Emergency measures (24/7) will be required to provide interim services to the community until such time as a replacement plant is commissioned.

This option is not recommended.

### Activated Sludge Plant (ASP)

A conventional solution known to operators, will achieve likely consent conditions for renewal in 2022, benefit the environment through improved effluent quality, be designed for future growth and peak loads and enable efficient operating and asset maintenance.

Performance is expected to drop during seasonal increases in load, particularly on ammonia and suspended solids, the overall rating of an ASP for this community is that it will deliver required levels of service most of the time.

Additional known risks associated with the site and process limitations will require ongoing monitoring and active management. The decommissioning and installation phase will also require close management to minimise plant downtime and control of these costs. Until a detailed design is completed it cannot be confirmed that this type of plant will fit or allow construction within the allowable footprint and additional funding may be required to accommodate this.

As ASPs are more susceptible to variable flows, repairs to the network are considered essential to the success of this project to reduce/eliminate irregular influx from stormwater.

Wetlands - the long-term deferral of maintenance and the impact of the most recent weather events indicates both the connective pipe network and wetlands need remedial work. The condition of the

rising main between the treatment plant and the wetlands is currently unknown but may well require renewal.

While the condition of the wetlands does not directly impact the operation of the treatment plant and it is not an interdependency for replacement of the treatment plant, the business case includes this work is for transparency and completeness.

This option is not recommended.

### Membrane Bio Reactor (MBR)

This option will ensure levels of service are maintained, will achieve likely future consent requirements, can be designed for future growth and peak loads (no drop in performance) and the need for the wetlands may be eliminated. Staged construction could minimise plant downtime and the plant's modular nature may enable relocation. The ability of an MBR to cope with seasonal loads may mean that the repair work to the network (required by ASP) is not imperative for the success of the treatment plant replacement.

MBR is a new system for FNDC and FNW Alliance which introduces the risk of recruitment and retention of suitably trained personnel as well as on-going operational costs. Membranes require a high level of maintenance and regular replacement (5-10 years) to ensure the plant operates efficiently and, being a more technical plant to manage, there will be a need for highly trained personnel including an on-site full-time operator. Increased energy usage and the need for regular chemical cleaning also contribute to higher running costs.

The slightly higher capital and Whole of Life costs of an MBR system returns better outcomes through the plant delivering a very high quality of effluent regardless of changes in load and is not susceptible to poor settlement due to Nocardia. These outcomes are particularly desirable for this community given the plant's location within the residential area and coastal proximity. A shorter construction timeframe also represents a desirable outcome for both the community and Council.

While there is the possibility of the MBR not requiring the wetlands, the existing wetlands would require decommissioning to ensure it did not pose an on-going environmental risk. The business case includes this work is for transparency and completeness.

Community consultation will be required to ensure the relevant options have been considered, and whether the preferred option will result in the best outcomes and represents value for money.

This option is recommended.

Other alternative options that could be considered to mitigate the overall cost of the project would include amendments to District Plan zoning to increase the number of potential residential properties connected or moving to individual on-site disposal. Both of these alternative options would have challenges, particularly in relation to climate change and sea level rise. Staff have not undertaken any diligence on these options.

### Te Take Tūtohunga / Reason for the recommendation

The detailed business case recommends Option 3 – MBR as the preferred option to achieve the Community Outcome and required levels of service based on an overall analysis of quality, time and whole of life cost analysis.

## 3) NGĀ PĀNGA PŪTEA ME NGĀ WĀHANGA TAHUA / FINANCIAL IMPLICATIONS AND BUDGETARY PROVISION

Due to the age and low-cost nature of the original plant, combined with a reactive maintenance approach, replacement of the plant will require a significant level of "new" capital investment.

The Long-Term Plan 2018-2028 includes a budget of \$1.89m for refurbishment of the treatment plant which was scheduled for delivery in FY 2019 - 2020.

Considerable effort has been invested since 2018 in specifying requirements and identifying possible options through structural assessments, design options, community consultation, and various stakeholder workshops to assess business risk and options. All of this, including the detailed

business case, demonstrates current budget provision as inadequate, with timely solutions expected to cost upwards of \$6m.

The draft Long-Term Plan 2021-2031 currently has a budget provision of \$6m for the capital replacement of the treatment plant which is scheduled for delivery in FY 2022 and 2023. The detailed business case indicates a budgetary requirement of \$6.3m, including network renewal, excluding wetlands works to be funded through Sludge Management budgets.

These costings will be updated as part of the detailed design phase.

The attached detailed business case estimates the capital costs of each of the three options as follows (these figures exclude contingency and professional fees):

### Option 1 – Unknown

The cost of emergency measures required in the event of failure will be a full operational cost and as this is expected to be a 24/7 service for which the daily cost is estimated at 15k - 20k. This cost would continue until such time as a new plant is commissioned which is could take anywhere from 12 - 24 months for which the capital cost would be like Options 2 or 3.

If successfully prosecuted, the Court may impose a fine which the RMA specifies a maximum fine of \$300k for a natural person and \$600k for any other person.

Option 2 - \$6,215,951

Option 3 - \$6,970,973 (including \$600k for network repairs)

Council's approach to funding the provision and availability of wastewater services is that each scheme will pay its own interest and depreciation costs using a separate targeted capital rate, whereas operating costs are funded based on a districtwide operating rate.

The above costs result in a new capital rate per SUIP (connection) of \$1,458.59 (Option 2 – ASP) and \$1,851.01 or \$1,677.48 (Option 3 including and excluding network repairs respectively). The capital rate is on-going but does not commence until the financial year after the project is completed which is forecast as November 2023. These new rate value represents an increase of \$1,000 - \$1,400 per SUIP.

### Operating costs

The total direct operating cost of the existing treatment plant increased 62% from 2018 (\$112k) to 2020 (\$183k). Current year direct operating costs are already tracking towards a 20% increase (\$220k) on the 2020 FY. The additional costs reflect the additional input required by the plant's operator to keep the plant functioning.

No additional operational rate impact has been calculated as the detailed business case whole of life analysis has used operational costs for both options like the actual total direct operating costs. The detailed design will provide accurate operating costs that will be used to better inform the impact on the on-going operational rate but at this point

While the impact of Options 2 and 3 on the Hihi community's rates is significant this must be weighed up against the unknown cost of 'Do Nothing'.

### NGĀ ĀPITIHANGA / ATTACHMENTS

- 1. Capital Works Business Case Hihi Wastewater Treatment Plant A3068094 (under separate cover)
- 2. Indicative Business Case A3071541 (under separate cover)
- 3. Indicative Business Case Appendix A Item 14 A3071878 (under separate cover)
- 4. Hihi WWTP Activated Sludge Reactor Report Only A3071492 (under separate cover)
- 5. Hihi Options Review A2894649 (under separate cover)
- 6. Hihi Options Review Appendix F Business Risk Assessment Workshop Report December 2019 A3071520 (under separate cover)
- 7. Hihi Options Review Appendix G Minutes of Option Workshop January 2020 A3071523 (under separate cover)

## 8. Hoskin Civil QS Report August 2020 - A3071535 (under separate cover) Te Hōtaka Take Ōkawa / Compliance schedule:

Full consideration has been given to the provisions of the Local Government Act 2002 S77 in relation to decision making, in particular:

- 1. A Local authority must, in the course of the decision-making process,
  - a) Seek to identify all reasonably practicable options for the achievement of the objective of a decision; and
  - b) Assess the options in terms of their advantages and disadvantages; and
  - c) If any of the options identified under paragraph (a) involves a significant decision in relation to land or a body of water, take into account the relationship of Māori and their culture and traditions with their ancestral land, water sites, waahi tapu, valued flora and fauna and other taonga.
- 2. This section is subject to Section 79 Compliance with procedures in relation to decisions.

He Take Ōkawa / Compliance requirement	Te Aromatawai Kaimahi / Staff assessment
State the level of significance (high or low) of the issue or proposal as determined by the <u>Council's</u> <u>Significance and Engagement Policy</u>	This matter is of high significance as the proposal will generate considerable community interest and the should the plant fail the prospect of adverse national publicity is high.
State the relevant Council policies (external or internal), legislation, and/or community outcomes (as stated in the LTP) that relate to this decision.	The relevant community outcome is: 'Communities that are healthy, safe, connected and sustainable'.
State whether this issue or proposal has a District wide relevance and, if not, the ways in which the appropriate Community Board's views have been sought.	The issue has specific relevance to the Hihi community. The Community Board's views have not been sought as the issue relates to the provision of core infrastructure which is outside the scope of the Community Board.
State the possible implications for Māori and how Māori have been provided with an opportunity to contribute to decision making if this decision is significant and relates to land and/or any body of water.	Māori will be included as part of the community consultation process with particular regard to environmental impacts.
Identify persons likely to be affected by or have an interest in the matter, and how you have given consideration to their views or preferences (for example – youth, the aged and those with disabilities).	Hihi community, ratepayers and local iwi/hapu will be included in the community consultation process.
State the financial implications and where budgetary provisions have been made to support this decision.	Financial provision included within the LTP 2018-2028 has been identified as insufficient. Revised financial provision of \$6m has been included in the draft LTP 2021-2031 for delivery of the capital works in financial years 2022 and 2023. Final costings would
	be determined in the detailed design phase.

	The rating impact of this is therefore contained within the rates movements of the LTP 21-31.
Chief Financial Officer review.	The Chief Financial Officer has reviewed this report.

### 6 INFORMATION REPORTS

6.1 INFRASTRUCTURE AND ASSET MANAGEMENT (IAM) MONTHLY BUSINESS REPORT FOR JANUARY 2021

File Number:	A3111480
Author:	Tania George, EA to GM - Infrastructure and Asset Management
Authoriser:	Andy Finch, General Manager - Infrastructure and Asset Management

### TE TAKE PŪRONGO / PURPOSE OF THE REPORT

To present a summary of Infrastructure and Asset Management activity and information items.

### TE WHAKARĀPOPOTO MATUA / EXECUTIVE SUMMARY

The Infrastructure and Asset Management Update provides an overview of Infrastructure and Asset Management activity for the period of January 2021.

### NGĀ TŪTOHUNGA / RECOMMENDATION

That the Infrastructure Committee receive the report Infrastructure and Asset Management (IAM) Monthly Business report for January 2021.

### TE TĀHUHU KŌRERO / BACKGROUND

This report presents a range of performance and interest items focussed around Council Infrastructure.

### TE MATAPAKI ME NGĀ KŌWHIRINGA / DISCUSSION AND NEXT STEPS

The information is attached in the form of a report.

## NGĀ PĀNGA PŪTEA ME NGĀ WĀHANGA TAHUA / FINANCIAL IMPLICATIONS AND BUDGETARY PROVISION

None.

### NGĀ ĀPITIHANGA / ATTACHMENTS

1. IAM Business Report as at 31 January 2021 - A3103362 🗓 🛣





## Infrastructure and Asset Management

## **Monthly Business Report**

JANUARY 2021

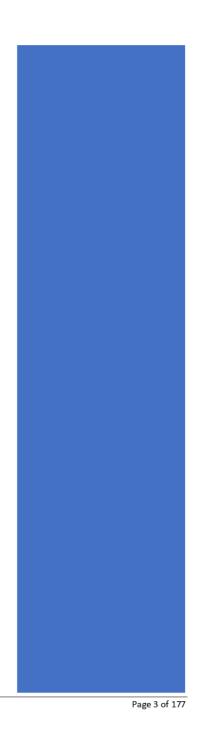
HE ARA TĀMATA CREATING GREAT PLACES Supporting our people

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### FEEDBACK

Many staff took the opportunity to have some well-deserved time off in January. We are very grateful to all those staff and contractors who took on the essential tasks during the break.

### RSL

Positive customer feedback for one of the RSL staff was received "Thank you to Elaine from RSL for the cleanliness and hard work at the Rainbow falls public toilets."

### FULTON HOGAN

RFS: 4040783

Compliment from Lauren:

07-Jan-2021 – Lauren has asked me to pass on her thanks for the work carried out on Masters Access Road, Ahipara.

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## CAPITAL SPEND ANALYSIS



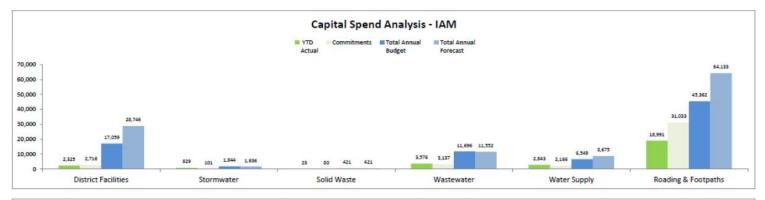
## Capital Spend Analysis as at 31-Jan-2021

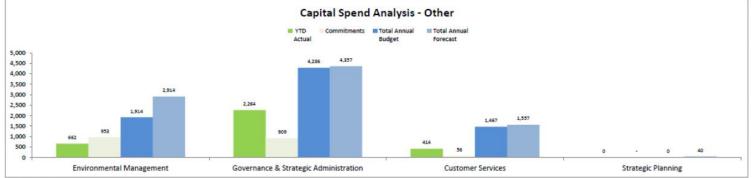
	YTD (\$000's)		Full Year (\$000's)							
LTP Group	YTD Actual	Commitments	LTP Budget	Carry Forward Budget	Total Annual Budget	Actual vs Budget %	Total Annual Forecast	Actual vs Forecast %	Forecast vs Budget %	Forecast vs Budget Variance
District Facilities	2,325	2,716	13,028	4,031	17,059	13.6%	28,746	8.1%	169%	11,687
Stormwater	829	101	1,179	666	1,844	45.0%	1,636	50.7%	89%	(209)
Solid Waste	23	80	325	96	421	5.5%	421	5.5%	100%	0
Wastewater	3,576	3,137	4,936	6,760	11,696	30.6%	11,552	31.0%	99%	(144)
Water Supply	2,843	2,166	4,495	2,054	6,549	43.4%	8,675	32.8%	132%	2,126
Roading & Footpaths	18,991	31,033	37,388	7,974	45,362	41.9%	64,133	29.6%	141%	18,771
IAM Total	28,589	39,233	61,351	21,580	82,931	34.5%	115,163	24.8%	139%	32,231
Environmental Management	662	953	0	1,914	1,914	34.6%	2,914	22.7%	152%	1,000
Governance & Strategic Administratio	2,264	909	2,334	1,952	4,286	52.8%	4,357	52.0%	102%	70
Customer Services	414	56	533	933	1,467	28.2%	1,557	26.6%	106%	90
Strategic Planning	0	-	0	0	0	0.0%	40	0.0%	0%	40
Other Total	3,340	1,918	2,867	4,800	7,667	43.6%	8,868	37.7%	116%	1,200
Total	31,929	41,151	64,219	26,380	90,599	35.2%	124,030	25.7%	137%	33,432

#### Comments:

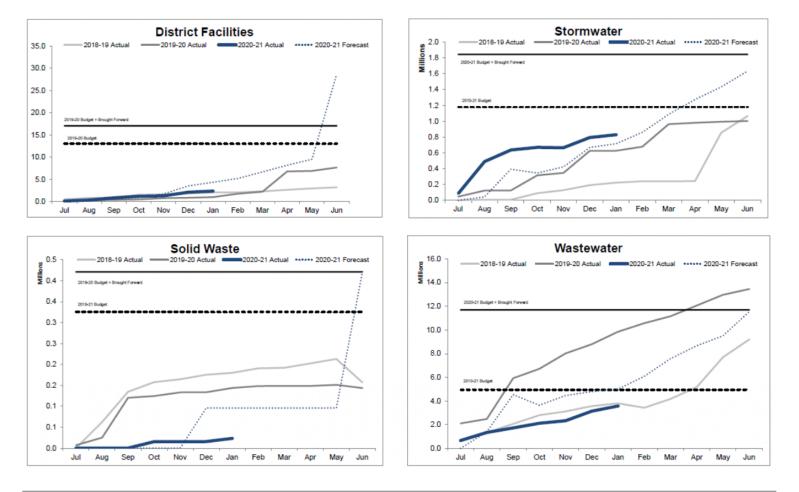
The 'Total Annual Forecast' is what is expected to be spent by 30 June 2021.

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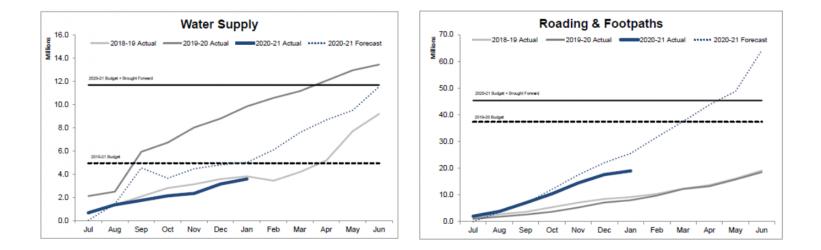




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### ROADING

To maintain the District's roading network in a satisfactory condition and in ccordance with national safety and engineering standards.

### EXECUTIVE SUMMARY

The final draft of a single Northland AMP document programme was completed and submitted to Waka Kotahi on the required date of 12<sup>th</sup> December 2020. Waka Kotahi are currently reviewing the Draft AMP document and the financial requests from each Council via a moderation process that started in September 2020 and is due to be completed in March 2021.

Drafting of the front end of RLTP and the RPTP continues to be progressed, with the back end containing the financial requests from each RCA which are currently being developed by each Council for inclusion in the final draft documents. The drafts were submitted to the RTC in December for review, with RTC approval expected in February 2021 to progress to consultation expected in March 2021.

The NTA Organisational Vision, Values and Behaviours have been finalised, including the development of associated logos to depict the Values and to support their meanings.

Average expenditure for "Business as Usual" activities in the 1<sup>st</sup> six months was \$22.2m, being 38.5% of total budget (vs. \$14.2m / 32.5% for 1<sup>st</sup> half of 2019/20), with a further \$5.1m of expenditure year to date on externally funded works, continuing to reflect the improvements in forward planning that are being implemented.

Good progress is being made in completing the significant 2020/21 Capital works programme with most works awarded and expenditure tracking at or near forecast. Monthly updates continue to be provided to Council's highlighting any "at risk" or "managed risk" projects, the volume of which is presently <5% of the total annual programme.

Implementation of the Okaihau-Kaeo-Waimate Speed Limit changes is now scheduled for mid-March (following the earlier reported delays as a result of supply chain issues of importing signs, sockets and posts from China.

Both FNDC Maintenance, Operations and Renewals (MO&R) Contracts have consistently exceeded 90% compliance for the first six months of the year.

Revenue received from ticket sales for the 2020/21 financial year to date is approximately 30% higher when comparing the same period for the previous two financial years, primarily as a result of a strong domestic tourism market due to the Covid-19 pandemic.

Customer interaction numbers are reducing to a more 'normal' level following the "storm spike" in Quarter 1.

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### 2021/24 AMP DEVELOPMENT PROGRESS

The current status of the development of this single AMP for Northland, has an overall progress against programme at 94% for the end of January 2021 (vs. 87% at end September 2020).

The final draft of a single Northland AMP document programme was completed and submitted to Waka Kotahi NZTA on the required date of 12th December 2020. Waka Kotahi are currently reviewing the Draft AMP document and the financial requests from each Council via a moderation process that started in September 2020 and is due to be completed in March 2021. The final AMP document, incorporating minor changes required by Waka Kotahi, and LTP adjustments to programmes by each Council, was completed and submitted at the end of January 2021. Some additional AMP Programme activities and improvement works may continue over the next few months but are likely to only impact the next version of the AMP document. Changes to the current final AMP document will only be required to be made if Waka Kotahi make significant changes to their programmes as a result of the moderation process, or Council's make significant changes to their programmes as a result of LTP consultation.

Waka Kotahi intends to consider the final submissions for the Maintenance, Operations and Renewals Programmes, (MO&R), in April 2021. Any final submissions on the Council's Capital Improvements Programmes are to be submitted by 21st May 2021 and will be considered by Waka Kotahi in June. This will include the prioritisation process of major Regional projects by the RTC following the RLTP consultation in March as detailed below.

Final approval of the NLTP programme will be considered by the Waka Kotahi Board by late August and the final approved NLTP is due to be published by early September 2021

### DEVELOPMENT OF THE DRAFT REGIONAL LAND TRANSPORT PLAN 2021/2027 (RLTP)

At the December 2020 Regional Transport Committee (RTC) meeting a report was tabled updating the committee on the progress made on the Draft Regional Land Transport Plan 2021/2027 (RLTP). Elected representatives and their support managers were linked to the "Strategic Front End" of the document via OneDrive with a request to include their comments and recommendations. These will be reviewed at the RTC meeting of 10 February 2021.

Following the meeting, both the elected representatives, their support managers and members of the Project Team attended a State Highway and Local Road Improvement (large projects) project prioritisation workshop in accordance with Section 16 (3) (d) of the Land Transport Management Act 2003. The elected representatives agreed on the prioritisation of the projects for inclusion in the Draft RLTP however due to several subsequent amendments made to the State Highway Improvements list, another workshop has been be scheduled following the RTC meeting of 10 February 2021 to reprioritise these projects.

It is planned to have the Draft RLTP out for public consultation on 24 February 2021 to 26 March 2021.

### CENTRAL GOVERNMENT POLICY SUBMISSIONS

There were no Central Government submissions in the past month.

### NTA ORGANISATIONAL VISION, VALUES & BEHAVIOURS DEVELOPMENT

A Key component of the NTA Organisation Improvement plan has included the development and rollout of the NTA Vision and supporting organisational values and behaviours. These have now been confirmed and endorsed (by both NTA Staff and the Alliance Leadership Group) and over the next three months the NTA will be undertaking several activities to support embedding the Vision, Values and Behaviours.

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The embedding process for the Values & Behaviours has already commenced through the nominations for monthly NTA staff awards being linked to demonstration of these Values & Behaviours. Each year there will be annual staff awards for each of the values along with an overall team award focused on the NTA Vision (to be awarded to the team who have encapsulated the ethos of the vision throughout the year).

### NTA Vision



### NTA Values



*INTEGRITY* - We are honest in all we do, and we deliver with openness and transparency



*INNOVATION* - We are open and flexible in the ways we work to deliver a better transport network for Northland



TEAM-WORK - We work together as one to deliver better and safer transportation for the people of Northland



RESPECT - We acknowledge, understand and accept diversity while supporting and celebrating good ideas



CUSTODIANS - Developing and improving Northland's transportation network



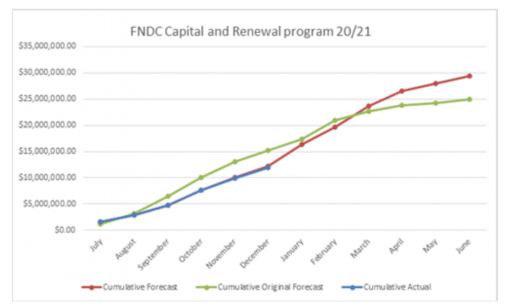
MANAAKITANGA - Generosity and care for our people, our partners, our communities and our visitors.

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## MBIE WORKER REDEPLOYMENT PROGRAMME (ORIGINAL \$2.2M + \$2M STORM VARIATION)

MBIE's economic stimulus package works are continuing well, with the removal of numerous hazardous trees, noxious plant species and roadside litter making visible improvements throughout the road network before Christmas. The original programme is scheduled for completion at the end of February 2021, with a request presently under review by MBIE for a time extension to allow completion of some remaining activities associated with the additional \$2m storm funding component.

Latest reports indicate that a significant number of the redeployed individuals have now been offered permanent roles within various contractor organisations.



### FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

The original forecast was undertaken at the start of the financial year when information was limited. The reforecast has occurred in November to include additional confirmed projects requiring delivery and has been aided with provision of additional information such as confirmed contractors' programmes.

### Projects started in January 2021

Category	Sub activity	Location		
215 - Structures Component Replacement	Bridge	General Bridge maintenance		
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017		
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road		

### Projects to start in February 2021

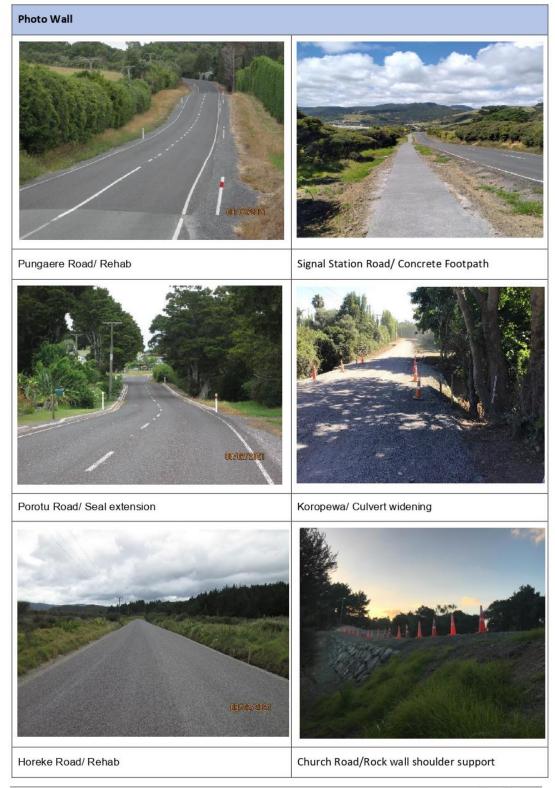
Category	Sub activity	Location		
140 - Minor Events	General Maintenance	Waikare Road - various locations		
214 - Sealed Road pavement rehabilitation	Rehabs	Waimatenui / Mataraua Road		
215 - Structures Component Replacement	Bridge	Scour protection across the network		
341 - Low Cost Low Risk	Lighting	Various District Roads		
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln		
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue		
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road		
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Te Taipui Rd to Matauri Bay School Link		
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294-330		
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound		
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner		
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95		
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Opononi Footpath - Waianga Place		
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Taumataiwi St Opononi		
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387		
Footpath Renewal Unsubsidised	Footpath Renewal	SH12 Opononi		
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner		

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Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	84%	Sealing of the approaches and practical completion	Final inspection / practical completion
341 - Low Cost Low Risk	Resilience	Panguru Road	100%	Continued with pavement stabilisation works and sealed section A and B. Continued discussion concerning additional scope for section C to increase embankment height (funded through NRC).	2 Driveway culverts to be upgraded and driveways sealed. Continue discussion/ agreement for additional scope for section C to increase embankment height (funded through NRC).
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Construction completed.	Defects period will end November 2021
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Construction completed.	Defects period will end November 2021
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	86%	Reinspected sealed sections prior to line marking. Final measure-up and issue completion certificate. Project Complete.	Defects period will end November 2021
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	74%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	100%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	100%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	100%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	7%	Signages manufacturing and construction/installation are underway	Continue manufacturing and installation of signs
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	84%	Engaged with the contractor to start Pou installations. Programmed works for Feb 2021.	No work planned until Feb 2021.
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	5%	Award ed, Construction commencing 10 days	Commence/Continue construction
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	100%	Complete	Complete
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	100%	Complete	Complete
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	100%	Complete	Complete
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	100%	Construction completed.	Defects period ends Oct 2021
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	65%	Construction is underway	Complete all construction works
Resilience - Unsubsidised	Resilience	Panguru Road	0%	Discussion with Regional Council to fund stage C	Confirm the proposed funding agreement and start construction if approved
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	81%	Construction completed.	Defects period ends Sep 2021
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	38%	Chip seal portion complete - AC to be completed in Feb/Mar	Chip seal portion complete - AC to be completed in Feb/Mar

### FNDC Significant Projects

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### ROAD SAFETY AND TRAFFIC ENGINEERING

### Speed Limit Reviews

- Waimate Okaihau Kaeo Speed Review:
  - The installation of signage is currently on-track for completion at the end of February, with implementation of new speed limits scheduled for March.
  - Manufacture and shipping issues caused by the current Covid-19 Pandemic has delayed the supply of some materials required for the signs.
  - Of note, there has been significant opposition from community with an unsustainable rate of vandalism. Further communication is being undertaken with NZ Police to assist with delivery of this programme.

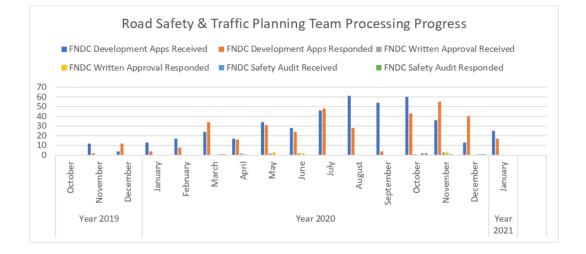
### Next Review

 The next speed review will be in the Kaitaia - Awaroa and Broadwood area. This review area includes one of the highest risk roads in Northland for speed related crashes. Initial approval for community engagement will be sought in late April or early May. The Bay of Islands and Kerikeri speed review is expected to commence in the third quarter of 2021.

### Other Developments

- The *Footpath Matrix* is managed by the NTA Road Safety and Traffic Engineering team. There has been a recent increase in requests from Board members to add footpaths to this list. Each request will be added and assessed (desktop and at site) to ensure the request is appropriate, safe and constructible.
- The Local Area Traffic Management (LATM's) is also managed by the NTA Road Safety and Traffic Engineering team. There are many outstanding community requests that are currently being analysed and prioritized for
- High Risk Rural Roads program of guardrails, improved lane markings, delineation devices and curve signage to reduce the likelihood and severity of run-off-road crashes on our key high-risk roads.
  - The Contract has been awarded for the Guardrail contract. The contractor is preparing to commence delivery over the next few weeks. It is planned for the contractor to complete this contract by April 2021.
  - The tender evaluation has been undertaken for the line marking contract, with final paperwork being completed to award. It is planned for the contractor to commence delivery early in the next few weeks, with a view to complete by the end of March 2021. This will be subject to weather as night work conditions will be applied by the contractor.
- Innovating Streets These projects in Kaikohe, Moerewa and Kawakawa townships have been progressing
  well with good community support. The Road Safety and Traffic Planning Team are a crucial component
  to our funding providers, this is to ensure that all work undertaken within the road corridors are safe and
  compliant with best practice. These projects are about the process to delivery, rather than output focused.
  Akau are leading community engagement in Moerewa and Kaikohe with Kawakawa being led by a
  community member. These projects will introduce *Street Art* to the north. All projects must be delivered
  by the end of June 2021.
- It appears there is nominal relief with the processing of development applications within the Far North, with the consultant concluding the commission with FNDC. The Road Safety and Traffic Planning Team are observing another steady incline in applications being submitted in 2021. The comparisons across Northland show that Far North exceeds monthly requirements for application processing, requiring a third more time than WDC and KDC. Further consideration to extending the consultants commission is under consideration.

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### CONTRACTOR MANAGEMENT AND PERFORMANCE

Over the first six months of the financial both MO&R Contracts have exceeded 90% compliance.

Contract	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
FNDC North (Fulton Hogan)	91%	94%	96%	99%	99%	99%
FNDC South (Ventia)	98%	97%	94%	97%	96%	96%
Regional Average (5 Contracts)	96.4%	93.4%	92.6%	93.8%	96.0%	96.6%

The 2<sup>nd</sup> Quarter summary for the two respective Contracts is as follows;

- FNDC North Area
  - Fulton Hogan made very good progress initially with unsealed road strengthening works (balance of program scheduled for the autumn period);
  - Good work in preparing many busy summer holiday destination roads with well-bound compacted gravel surfaces to mitigate the risks of corrugated dusty roads during the holiday period;
  - o The resealing of the sealed network completed early;
  - Rehabilitation programs have slipped slightly with design submissions plus subsequent reviews and approvals being the primary reasons for delays;
  - Delivery of their Seal Extension Projects slightly behind program but anticipated to be completed within current construction season.
- FNDC South area
  - Ventia has deliberately left their unsealed road strengthening works until the autumn period in readiness for winter and targeted their resources to high use summer destination roads (to popular beaches and recreation areas) for grading with water carts & rollers, to mitigate the risks of corrugated dusty roads during the holiday period;
  - Resealing of the sealed network is complete, while the rehabilitation programs have slipped slightly with Ventia struggling with resourcing due to several personnel departures. This has also seen Ventia struggle to meet response times for some routine works;
  - Completion of their FNDC Seal Extension Projects are on track with the short Marae and School dust strip seals all completed.

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The emergency response and flood damage clearing (from July 2020 storms) has been very well managed and pro-actively cleaned up. Most of the investigation, testing and design of the more significant sites is nearing completion for permanent repair solutions and construction in the 3<sup>rd</sup> Quarter summer construction season for reinstatement before winter.

### HOKIANGA FERRY (KOHU RA TUARUA)

Revenue received from ticket sales for the 2020/21 financial year to date is approximately 30% higher when comparing the same period for the previous two financial years.

This significant increase in revenue is a result of a strong domestic tourism market due to the Covid-19 pandemic.

High demand during the month resulted in the need for the vessel to operate continuously (known as shuttling) for significant periods to reduce queue lengths and waiting time as much as possible.

### FORESTRY AND DUST CONTROL

### UNSEALED DUST SUPPRESSION (UDS) SITES

• Summer dust suppression application had been completed. Next application will be in the next summer.

### UTILITY SERVICES – CAR (Corridor Access Request) & TMP (Traffic Management Plan)

- UFB Main Fibre: Paihia is nearly complete and most reinstatement is up to date. Haruru Falls to recommence shortly and Russell commences in April.
- UCG Fibre connections: Ongoing connection work in Ahipara, Kaitaia, Coopers Beach and Mangonui. with occasional other connections in Kawakawa, Moerewa, Kerikeri & Kaikohe.
- UFB 2+ fibre work: Okiato nearly complete, Rangitane nearly complete, Waipapa to resume shortly. Rawene & Opua to start in April.
- Footpath work: Several footpath construction contracts are due to start.
- Seal extensions have been ongoing.
- Re-seals are starting.
- Sewer and Water mains are starting.
- Sewer connections in Kerikeri have started with connections up to the new sewer system on Kerikeri Road.
- Routine Maintenance work is ongoing in North & South contract areas.
- Logging operations have started on Iwitaua and Kaitaia Awaroa Roads.
- Slip repairs have started on Paponga & Waimate Nth Roads.
- Several subdivisions have started with new vehicle crossings and entrances.
- The new car park at Inlet Road and the connection to the existing boat ramp is going well.

### THE CUSTOMER EXPERIENCE

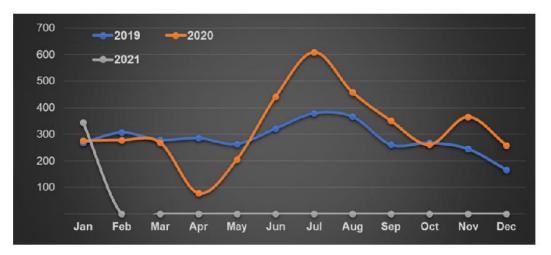
### **Request for Service**

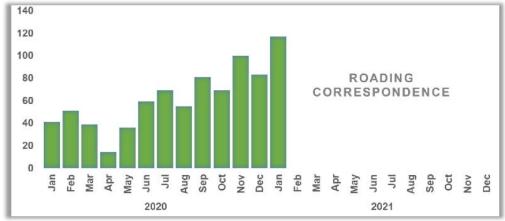
The chart below demonstrates a year on year increase of totals RFS for January. However, as suspected for the December numbers, this increase is in the category of 'Roading Correspondence'. This type has seen a rise

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of 185% (had this not occurred the overall numbers would have reduced for the month). More analysis is needed although at this point the understanding is multiple facets are at play

- Unusually higher rates of escalation
- A seasonal increase in domestic population as people embark on 'stay-cations'
- A greater willingness to engage with council as identified in other tasks undertaken by the NTA team





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Managing delivery of the capital works programme (new works and renewals) as defined by the LongEXECUTIVE SUMMARY

A steady and productive month with projects awarded ready for construction early in 2021.

Green	Strong probability the project will be delivered on time, within budget and with acceptable quality.
Amber	Good probability the project will be delivered on time, within budget and with acceptable quality. Schedule, budget, resource or other changes may be needed.
Red	Probable that the project will NOT be delivered with acceptable quality without changes to schedule, budget resources and/or scope

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## Project Name: Southern Animal Shelter

Project ID: 261012

## **Project Phase: Design**

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Awaiting updated design, reports and engineers plan/report
Scope	Green	Green	Scope confirmed
Schedule	Green	Green	Schedule confirmed
Cost	Amber	Amber	Final cost and QS to be confirmed
Project Risk	Amber	Amber	Weather, contractor availability, material availability, Covid-19, NRC approval for on-site wastewater system and stormwater discharge

### Monthly Summary:

Awaiting amended design detail, engineering plans and reports due to geotechnical report identifying a large amount of fill on-site, awaiting acoustic report for Resource Consent application, Resource Consent application and information being put together, Neighbours' approval to be obtained.

Key Project Risks	Mit	Mitigation of Risk						
Funding	Con	Ensure detailed planning is carried out to capture all detail require, learnings from Construction of Northern Animal Shelter is an advantage in making sure all aspects captured						
Non-compliance	Current structures non-compliant, existing building to be demolished and new kenn to be constructed to comply with Animal Welfare Acts.							
Key Project Milestones		Expected		Status	Comment			
Confirm concept plan		End September		On track	Concept Plan Confirmed			
Final Design		Mid December		Delayed	Awaiting updated design Plans, engineering plans and reports due to Information received in Geotechnical report			
Project Budget Status								
Approved Budget			Actual Spend to Date		Forecast Total Spend			
\$1,443,489.00			\$74	,392.08				

## **Project Name: Northern Animal Shelter**

Project ID: 261011

## **Project Phase: Construction**

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Construction underway
Scope	Green	Green	Scope confirmed.
Schedule	Green	Green	Project program confirmed.
Cost	Green	Green	Cost confirmed and approved
Project Risk	Green	Green	Weather, contractor availability, material and time delays due to Covid-19.

### Monthly Summary:

Construction well underway removed all panel braces, sealed tilt panel joints, completed plumbing pipe out to Administration building, garage and exercise yards, FNDC inspection carried out on pipe out, prepped floors to Administration, garage and exercise yards, prelim levelling around building site, compact hardfill to box exterior kennel Channel drains, erected kennel structural steel and girts, bolted timber plates to tip of admin kennel tilt slabs.

Key Project Risks Mitigation of Risk								
Funding	Strict financi	Strict financial management. Funding no longer a risk due to MBIE funding						
Tender	No longer a risk Awarded to KPH Construction Limited							
Key Project Milestones	Expected		Status	Comment				
Tender award	Late September		Awarded	Awarded to KPH Construction				
Construction	Currently under construction		On Track					
Project Budget Status								
Approved Budget			ual Spend to Date	Forecast Total Spend				
\$1,470,989.0	0	Project I	ruction: \$576,296.70 Management Time and ional Fees: \$11,788.56	\$1,531,442.00				

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### Project Name: TIF Toilets

#### Project ID: 141539, 141537, 141538, 141581

### Project Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
	Green	Green	Mitimiti: Construction is completed at Mitimiti & CCC achieved; Toilet is Operational
Overall Project	Green	Amber	<b>Opononi:</b> Construction began prior to Christmas and is expected to be completed in February 2021. There is local opposition to the toilet location, and this has resulted in a petition which has been submitted to FNDC for consideration, Community Board are in favour of continuing with project and response circulated
Status	Amber		Waitangi: Building Consent is approved; Resource consent is granted however with still need approval from Heritage NZ.
	Green	Amber	Haruru Falls: Drainage Contractor has provided a good solution to sewer connection and we can move forward with confidence that operationally the toilet when installed will work well with minimum maintenance
Scope	Green	Green	Waitangi: Scope is clear and approved by Stakeholders Mitimiti: Construction complete. Opononi: Scope is clear and defined. Haruru: Scope is clear and defined. We are taking power feed from pump station back to site to run pump.
Schedule	Amber	Green	Projects currently tracking behind programme due to consultation and legal agreement delays. An extension of time has been granted from MBIE until Dec 2020, COVID 19 has also played its part in the programme delays.
Cost	Green	Green	Mitimiti completed within budget. Opononi and Haruru Falls pricing is in line with budgets. Waitangi has not yet been out to market, but QS shows we have a shortfall, but we may have savings at other sites which can be re- allocated to Waitangi
Project Risk	Amber	Green	Covid 19 will cause large delays to all programmes of work which have already been delayed due to legalising access to all sights. These projects will not be completed in the timeframes initially set out and there is no opportunity to bring them inline, so we have accepted this and asked for funding extensions.

#### Monthly Summary:

Haruru - Drainage contractor has been selected to supply services; Supplier Recommendation has been put forward for approval. Building Consent has been cancelled and Exemption for Toilet given by Compliance (Savings approx. \$3k)

- Waitangi Toilet Building Consent & Resource Consent granted, Archaeological Authority being sought from Heritage NZ (Shell Midden onsite), we are still currently waiting on this from HNZ
- Opononi construction underway, monitor until expected completion in February 2021

Key Project Risks		Mitigation of Risk			
Covid 19 Lockdown will lead to programme delays		Accept & Monitor.			
Waitangi Toilet - Budget		Budget shortfall may be able to be address with savings from other TIF Toilet builds			
Waitangi Toilet – Schedule – Iwi Engagement		Accept delays but lo deadlines	ook at	possible Direct Award of Contract to meet	
Waitangi Toilet – Archaeological Site		Further Iwi Engagen	nent f	or new site.	
Key Project Milestones	Key Project Milestones Expected			nment	
Waitangi Toilet – Iwi Engagement	July 2020	Delayed	Arch	is with Infrastructure planning to secure naeological Authority from Heritage NZ. BC & RC upleted	
Opononi Construction	October 2020	Met – Late (November)	Construction Underway		
Haruru – Prefab installation	May 2021		Contract Awarded to Permaloo		
Project Budget Status		·			
Approved Budget	Actual Spe	end to Date Forecast Total Spend		Forecast Total Spend	
\$1,045,688 (combined)	\$462	2,550 \$1,000,000 (combined)			

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#### Project Name: Kawakawa WTP Health & Safety Compliance

### Project ID: 571140

Project Phase: Delivery							
Status Item	Current Status	Prior Status	Summary				
Overall Project Status	Amber	Green	A Compliance audit of the water treatment Plant took place in December 2019. The audit established that the plant was non-compliant to the regulations. Temporary emergency works were put in place by FNW to keep the plant operational. FNW have started with the compliance works and aim to have the works completed and the plant certified during February 2021.				
			A design and scope for the compliance work				
Scope	Amber	Amber	<ul> <li>A recent change in test certifiers has resulted</li> </ul>	d in a scope change.			
			<ul> <li>As a result of an overall District wide Scada/ installed for the overall running of the WTP.</li> </ul>	Telemetry upgrade project. A new PLC is required and needs to be			
Schedule	Amber	Green	The PO for the new PLC was issued to FNW in November 2020. With equipment lead times, programming of the PLC and the Christmas Shut down period. It is envisaged that the project will now be completed during February 2021.				
Cost	Amber	Green	The emergency and compliance work to completion has been estimated to cost \$252K. Additional funding was made available to cover the costs for the compliance works.				
Project Risk	Amber	Amber	FNW are conducting their own internal audit of the plant to make sure that all observations made during the past audit have been addressed. When satisfied, FNW will establish contact with the Test Certifier and arrange for the final HSWA Compliance audit to take place. The HSWA audit is schedule for February 2021.				
Monthly Summa	ary:						
FNW monthly pr	ogress						
<ul> <li>Reviewir</li> </ul>	ng past audi	t findings	with new FNW H&S Manager.				
Preparin	g As built di	rawings.					
Compiling Asset Data Sheet.							
Working on the PLC program.							
General							
A final B	C inspectior	n of the ch	emical building took place in January.				
Key Project Risk	s			Mitigation of Risk			
Impact of Covid :	19 on proie	ct schedul	2	Closed			

Key Project Risks			Mitigation of Risk				
Impact of Covid 19 on project s	schedule		Closed				
Delays with material supply du	ring lock down		Closed				
Limited number of resources a	llowed to work o	on site during lo	ck down.	Closed			
Possible increase in cost of ma	terials			Closed			
Delay in completing BC works -	- CCC not issued			Closed			
Change in Test Certifier – chan	ge in scope			Accept and mo	onitor		
Impact on water supply when a	commissioning n	ew equipment	into service	Management o	of change		
New PLC upgrade – delay in co	mpleting the ele	ctrical works ar	nd switch over	Accept and mo	onitor		
Chemical deliveries – decantin	g area does not r	neet IXOM req	uirements	Closed			
Key Project Milestones Expected Status Comment							
Compliance Audit	Dec 19	Completed	Plant not compliant add	ditional operatio	nal work required.		
Order chemical tanks	April 2020	Completed	Tanks ordered on 17/0	7. Lead time 21 c	lays		
Install chemical tanks	May 2020	Completed		o be constructed	additional requirements. An engineered external I for the PACL Tank. Weather delays were also a for the slab.		
Chlorine room fit out	June 2020	Completed					
Electrical fit out July 2020 Late 80% Complete. Due Fe Christmas Shut down p				ebruary because of the late issuing of the PO for the PLC and the period.			
Issuing of Location certificate	Sep 2020	Late	February 2021				
Project Budget Status							
Approved Budget			Actual Spend to Date		Forecast Total Spend		
\$220,000		\$163,175 \$220,000					

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#### Project Name: Kaitaia Water – Sweetwater Bore and Pipeline

#### Project ID: WAP0256

Project Phase: Procurement							
Status Item	Current Status	Prior Status	Summary				
Overall Project Status	Amber	Amber	Physical Works contract is ready for award however property easements are delaying critical path. An options paper has been submitted for review and endorsement.				
Scope	Green	Green	N/A				
Schedule	Red	Red	Delay in procurement award due to Easements not being secured has increased as commercial negotiations have not been successful. It is now likely a formal process will be required that could delay award until end March 2021				
Cost	Green	Green	Construction costs are within budget allowance however delay to award will impact phasing of spend resulting in a decrease in spend this FY.				
Project Risk	Amber	Amber	Property and Easements are subject to commercial negotiations Potential redesign to appease landowner if appeal to district court is in favour of landowner				

#### Monthly Summary:

A position paper has been prepared and submitted for review with options regarding contract award. These include:

1) Separable Portions to enable construction to commence while formal process concludes with Elbury Holdings

2) Delay award until formal process resolved

3) Utilize separate contract for development of management plans and securing to critical material (pipe)

Financial Due Diligence has been completed on the Preferred Supplier. Some questions have been raised that are being closed out.

The formal hearing for the Elbury Holdings easement was completed on 14th December. Council voted to continue with the works and the decision was appealed to the district court on 22nd December. First call has been set for 26th February and a hearing date will be set after this.

Other property agreements are progressing, it will not be possible to resolve some easements until the route with Elbury Holdings has been agreed.

The estimated delay to contract award has increased, the delay cannot be estimated accurately as no date for appeal has been set. It is likely to be end of March 2021 resulting in a 16 week delay to contract award.

Key Project Risks				Mitigation of Risk			
					Continued focus to project team to resolve		
There is a risk that easement negotiations delay the award of contract.				Meetir	ng with landowner	s with Elected Members	
				Forma	l process using Loc	al Government Act	
There is a risk of significant adverse media coverage should the obligation not be delivered and there is not enough water of drinking water standard quality to meet demand.				Prepare media plan and key messaging			
There is a risk of another lockdown d	uring the con	struction prog	gramme	Reque	st contractor mitig	ation as part of procurement	
				Pricing Schedule allowance for level 2, 3 and 4 working/stand down			
Key Project Milestones	Expected Status			Comment			
Design contract award	29/11/19		Complete				
Design complete	31/07/20		Complete		Close out of comments ongoing		
Commence PW procurement	June 2020		Complete				
Award PW contract	Nov 2020		Delayed		Estimated 31/03		
Practical completion September 2022 On target			Reviewed and revised to October 2020 however delay to contract award will likely increase this				
Project Budget Status							
Approved Budget Actual Spo			Actual Spe	end to Date Forecast Total Spend		Forecast Total Spend	
Finance to provide			Finance to provide			Finance to provide	

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#### **Project Name: Kerikeri WWTP & Reticulation**

Project Phase: WWTP Construction						
Status Item	Current Status	Prior Status	Summary			
Overall Project Status	Amber	Amber	Completion of WWTP construction programme was reached at the end of September 2020 and Practical Completion was issued on 23 October 2020. The plant is compliant but commissioning of the Dewatering Plant takes longer than expected. The final cut over connections of the reticulation work started in December 2020 and will be completed by May 2021. A total of 54 of the 319 properties are connected to the new scheme with sign off letters from the owners by the end of January 2021.			
Scope	Green	Green	Scope creep from design issues due to awarding contract without "IFC" drawings, is managed and the HAZOP has been revised for the new site and is completed.			
Schedule	Amber	Amber	Design discrepancies, resolution of compliance and health and safety issues are identified and managed.			
Cost	Amber	Amber	Cost implications have been communicated to PSG via report dated 28/02/2020 and are not expected to be exceeded.			
			Schedule extensions and cost increases are managed as stated above.			
			Pipework damages within Area of Benefit in the Reticulation portion, which were discovered during pressure testing in November 2020.			
Project Risk	Amber	Amber	Official handover to Far North Waters is progressing, with some outstanding items to be concluded like Dewatering Plant commissioning, detailed Asset Data Register and marked up As-builts.			
			Unforeseen operational issues were picked up by Far North Waters during operation in December 2020/January 2021 and will be discussed in a meeting scheduled for February between Far North Waters and FNDC.			

#### Monthly Summary:

Construction of the new Treatment Plant is completed with only the final adjustments to the Dewatering Plant, installation of a gate for a landowner and some operational issues outstanding. The As-Builts, O&M manual, commissioning check list, Inspection Test Sheets, Guarantee/Warranties from suppliers and the Asset Data Register were submitted by the contractor but will need to be review and sign off by the Project Team for official handover to Far North Waters.

The plant has reached compliance during January 2021.

The cut over of the individual properties septic system to the new wastewater reticulation network is progressing well with a total of 54 of the 319 properties already connected with sign off letters (happy letters) from the landowners by the end of January 2021.

#### Key work completed during January 2021

#### Construction - Roading / Earthworks / Pipework

- Finishing up earthworks (road sealing) and landscape planting;
- Security fencing, access gates;
- Closing of Old Wastewater Treatment Plant (Old WWTP Moth Balling) Shut down of the old plant finished on 17 December 2020 with power isolated and locked out; and
- Fixing of Defects.
- Design
  - o Offer of Service by Mott MacDonald to review handover documentation; and
  - $\circ$   $\;$  Ongoing attending by Consultants to defects and operational issues.

#### Commissioning

 Phase 6 Commissioning - Dewatering System commissioning – Sludge wasting started on 26<sup>th</sup> December 2020 and Dewatering commissioning started first week in January 2021; and

 $\circ$  Ongoing progress meetings to discuss commissioning progress and issues that occur.

#### General

- o Valuation and Agreement with Davies Trust in progress;
- o Contract Completion/handover documents (Asset register and O&M Manual etc.) completion;
- Handover of Health and Safety operations to FNW;
- $\circ$   $\;$  Health and Safety audit by Far North Waters to determine safety issues; and
- Official opening of new plant and blessing affected stakeholders: Mayor, Deputy Mayor and Councilors, FNDC, Ministry of Health, District Health Board, Northland Regional Council, affected landowners, IWI's, Project team of consultants and contractors and Far North Waters.

#### Reticulation Contract

- Evaluation of revised rates submitted by UCC;
- Internal review and agreements by FNDC/PM/ETC on the pricing submitted;
- o Site establishment by Contractor United Civil
- Fixing of all leaks detected;

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- Commissioning of Terminal Pumpstation;
- o Ongoing responding to queries from landowners; and
- Installation and commissioning of first 54 properties in Kerikeri.

Main activities planned for January 2021 are installation of an access gate, Dewatering Plant commissioning and official handover of documentation to Far North Waters.

Work will continue by United Civil with the cutting over of the house connections (Zone 2 and beginning of Zone 3 out of 5), with an estimated completion by May 2021 and close out of projects by May/June 2021. Decommissioning of the existing treatment facility in Shepherd Road is scheduled for 2021 and will commence after funds are secured and committed. The existing Plant was shut down at the end of December 2020.

Key Project Risks		Mitigation of Risk					
Damage to reticulation network from fibre network installation		Pressure testing of sewer rising mains at identified locations by Reticulation Contractor was done and leaks were detected. Fixing of leaks started in December 2020 and are ongoing.					
Reverse sensitivity around new WWTP and infrastructure	Assess desi	ign odour control	efficiency during op	erations			
Design changes increase schedule and cost	Facilitate a	lignment betwee	n design and constru	ction			
Managing stakeholder expectations		-	es ongoing through rom community are o	monthly newsletters and direct communications by staff ongoing.			
Commissioning Phase 6 - Unforeseen and results not being achieved		Only dewatering process to be commissioned. Defects picked up by Operators that will require adjustments or additions. Meeting scheduled between FNDC and FNW for end of February 2021 to discuss.					
Abatement Notice issued on non-compliant discharge	Plant is cor	Plant is compliant and communicated to NRC.					
Decision on Septic Tanks for individual properties – Request from some owners to keep plastic septic tanks	Decision to	Decision to be taken by FNDC. Disclaimer drawn up and to be circulated for approval					
Covid-19 level changes	Contractor changes.	Contractor implementing precautions as per Government guidelines for Level 1 and is ready for level changes.					
Key Project Milestones	Expected	Status	Comment				
Commissioning Phases of WWTP	30/01/20	In progress		oleted. Phase 6 started on 16 November 2020 and will ing Plant is working at optimal status.			
Completion of Kerikeri WW reticulation and Close Out	31/05/21	Pending	First and second s will continue until	tage completed. Stage 3 started in December 2020 and May 2021.			
Decommission existing Kerikeri WWTP	30/08/21	30/08/21 Pending Budget to be confirmed.					
Project Budget Status							
Approved Budget	A	ctual Spend to Da	ate	Forecast Total Spend			
Finance to provide		Finance to provia	e	Finance to provide			

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#### Project Name: Monument Hill Deep Bore Project

#### Project Phase: Stage 2 Drilling - Construction

Status Item	Current Status	Prior Status	Summary
			Busy to drill a new 120 m deep bore at the Monument Hill site to provide a sustainable supply of highly secure potable water for the Kaikohe community.
Overall			Stage 1: Bore Design and Quality Testing (Complete)
Project	Green	Green	Stage 2: Sustainable Yield Assessment & Consenting (In progress)
Status			Stage 3: Reticulation and Electrical Design (Will only be done if test results in Stage 2 are satisfactory)
			The physical works for stage 2 is to drill a deep bore at the Monument Hill site and perform testing to confirm sustainable supply of potable water for the Kaikohe community. The outcome of stage 2 will determine the fate of stage 3.
			The physical works for stage 2 scope is confirmed. The outcome of stage 2 and testing will determine the fate of stage 3.
Scope	Green	Green	The physical works for stage 3 will entail installing a pump and laying a trenched pipe to connect to the Monument Hill Water Treatment Plant and any modification work at the WTP and bore site.
Schedule	Amber	Amber	Stage 2 to be completed by early March. Project delayed by 4 weeks due to cracked in casing. Stage 3 timeline to be determine- estimate completion by October 2021. Stimulus Grant program scheduled completion by March 2022.
Cost	Green	Green	Project on budget.
			Landowner agreements to be finalised.
			Impact of Bore on groundwater might restrict project.
Project			Waikotihe Trust relationship to be monitored.
Project Risk	Green	Green	Emergency Supply - Kaikohe primary water source Wairoro Steam was running low. FNDC have asked to look at an emergency supply (temporary Works) if alternative water supply is required. Project on hold until we received landowner consent – George Swanepoel back on 18 Feb to continue with discussions. Awaiting water test and confirmation from landowner. FNDC to decide if work should continue.

#### Monthly Summary:

Stage 2 Status: McMillan Drilling (Contractor) completed the grouting of the bore and installation of the casing. The drilling and development of the bore is completed. However, CCTV inspection discovered a leak which needs to be fixed before testing can commence. The fixing of leak, installing a 200mm casing, grouting, new screens and development will be completed by end of February 2021.

The pump installation and testing should commence thereafter. The test pumping will continue for two to seven days (depending on the shallow subsurface effects).

 Key Project Risks
 Mitigation of Risk

Key Project Risks	Mitigation of Risk	Mitigation of Risk							
Covid-19 Level changes	Contractor implement	ontractor implementing precautions as per Government guidelines for Level 1 and is ready for level changes.							
Land Stakeholder Engagement and Approval	gement Agreement with Landowner to be managed by FNDC legal team. Waikotihe Trust relationship and consent to be managed - obtain the Trust consent to proceed with the project								
Leak of casing and downsizing of casing (originally planned 250mm, now 200mm)	Repairs required. Co properties and not th		rmed that the yield will not be affected, I	pecause the yield of the bore is limited by the formation					
Water Quantity			e to be determined. The outline design si rmined/confirmed as a result of stage 2.	uggests that a daily volume of over 800m3/day is					
Water Quality			y performed water quality tests on explo identified as a water quality risk and nee	ratory bore and did not smell and was clear. The ds to conform to DWSNZ standards.					
Existing Water Treatment Plant	Possible amendment	to existing Water Treatment Plan and electrical requirements to new setup remains a cost and timing risk.							
Key Project Milestones	Expected		Status	Comment					
Development of Bore	27 March 2021		In progress	Contractor to start repairing of crack on 10 February 2021					
Completion of testing	08 March 2021		Await completion of Bore	To start after development of bore and will run for 5 to 7 days.					
Close out and Reporting	30 March 2021								
Resource Consent preparation and application 8 to 12 weeks		22 June 2021)	Awaiting outcome of Stage 2 testing	On the assumption that it will be a Non-Notified application					
Further milestones to be determin	ned after outcome of to	esting							
Project Budget Status									
Approved Budg	et	Actual Spend to Date		Forecast Total Spend					
\$1 180 000			\$176 025	\$1 180 000					

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#### Project Name: Paihia WWTP Upgrade

Status Item Current Prio Status Item Status Stat Overall Project Green Gree		narv						
		Summary						
Status	een Const	onstruction is 99% complete. PC Certificate has been issued and only minor defects remaining to close out.						
Scope Amber Amb	ber		•		•	dular options at Paihia and Haruru Pump Station g of cross over works planned at Haruru pump station.		
Schedule Red Re	Initial works	target to at Harur		npleted i	n Jan 2021 ar	nd modular units installed in Feb but this has been delayed to allow crossover		
Cost Amber Amb	ber statio	n and loc	ally on site.			isk due to the new requirements for a long term chemical dosing unit at Haruru Ike the budget into overspend		
Project Risk Red Re	ed The Ja	anuary te	sting phase has I	been com	nplete and ha	s returned compliant readings across the board for the plant.		
The January testing phase has no This proves that the chemical do the plant, which are to be deterr	osing has wo	orked and	l further chemica	al dosing		nt plant across all readings. plant in the compliance range. This does mean elevated operational costs for		
Accomplishments: <ul> <li>Phase 5 – Reliability Testing</li> <li>Phase 6 – Performance Tes</li> <li>Practical Completion 23 Material</li> </ul>	sting Compl				Expected Accomplishments:  Notification to the code of compliance			
Key Project Risks			Mitigation of R	Risk				
Alkalinity Adjustment.			To be complete This has been f			ct ements from chemical dosing.		
Land Stakeholder Engagement a (Tangata Whenua).	and Approva	al	-		t and agree on Engagement Protocols with Tangata Whenua. (guidance required here for new Ingagement protocols, including plants non-conformance and if this requires notification to Iwi)			
Change Management.			Maintain week	ly report	rting and filing system.			
Meeting Enforcement Order Cor Conformance realised	nditions N	on-			ntinuously assess changes and impact to delivery, and apply for extension if required. ing required in the short term to bring the plant back into compliant levels.			
Key Project Milestones		E	xpected	s	itatus	Comment		
Completion of Cover install		3	1-Jan-20		Met	Early completion 14 Jan 2020		
Commencement of performance	e test	20	5-Feb-20		Met	Early completion 20 Jan 2020		
Practical Completion / Handover	er	22	2-May-20		Met	Early completion 20 Mar 2020		
Completion Design of Ammonia	30	June-20	Or	ngoing	TBC, this work is likely to be now constructed of Chemical dosing units to control the plants alkalinity.			

Actual Spend to Date

\$5,782,256.13

#### Project Phase: Planning and Design – Regress due to Chemical Dosing Requirement

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Forecast Total Spend

\$6,478,069.71

Approved Budget \$6,478,069.71

#### Project Name: Opononi New Water Source - Smoothy Road Bore

Project ID: 571008

#### Project Phase: Pre-Implementation of Stage 2

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	All physical work and preparation of the SO Plan identifying the land to be acquired by Council are completed. The formal plan has been lodged with LINZ for approval. The formal acquisition of the land area through the Gazettal process is still outstanding.
Scope	Green	Green	No changes in scope, but additional staging of the project.
Schedule	Green	Green	Completed
Cost	Green	Green	Cost of project did not exceed budget.
Project Risk	Green	Green	None

#### Monthly Summary:

All physical work is completed on project. The only outstanding items are:

- Approval from LINZ of the SO Plan
- Title to the land acquired from the landowner is to be obtained by way of gazettal; and
- Compensation to the landowner

Hokianga Holdings Limited, Top Energy and Council have signed the sale and purchase and easements/maintenance agreements, and the surveyors prepared the Survey Office Plan showing the land to be acquired to get LINZ approval, it was also lodged at LINZ for approval.

Property Group was appointed to complete the formal acquisition of the land area which must be completed by Gazettal and awaiting the approval from LINZ.

The Estimates of the remaining work are as follows:

Owner	Iwner Description			
FNDC/Law North	Landowner Compensation	\$21 710		
Law North	Registration of a compensation certificate.	\$3 000		
FNDC / Property Group	Title to the land acquired from the landowner is to be obtained by way of gazettal.	\$3 000		
Stellar Projects	Project Management (Allowance until March 2021)	\$2 000		
	Estimated Total	\$29 710.00		

Key Project Risks		Mitigation of Risk			
Maintenance of Top Energy lines b	y FNDC	As per the agreement. Tree line needs to be maintained to prevent damages to overhead lines.			
Key Project Milestones	Expected	Status	Comment		
Formal acquisition by Gazettal process	30/03/21	In progress	Property Group busy with process		
Project Budget Status	· · ·				
Approved Budg	et		Actual Spend to Date	Forecast Total Spend	
\$946,665			Finance to provide	Finance to provide	

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#### Project Name: BOI Sports Complex

Project Phase: Concept Stage							
Status Item	Current Status	Prior Status	Summary				
Overall Project Status	Green	Green	The next milestone for the project is the planning stage which focusses on the delivery team's approach to the project. From here the project will move into delivery stages, focussing on a staged design delivery and targeting early construction activities which can be commenced as a priority.				
Scope	Green Green To manage the development and delivery of a Waipapa Sport Hub on the land acquired. The development and delivery of a Waipapa Sport Hub on the land acquired. The development and sporting code requirements.		To manage the development and delivery of a Waipapa Sport Hub on the land acquired. The development must meet stakeholder, community, and sporting code requirements.				
Schedule	Green	Amber	Currently the project is tracking slightly behind the original programme, this is due to the final execution of the funding agreement which only happened on the 23 <sup>rd</sup> November 2020, originally planned in September. Civils & sports field concept design is progressing. Developed design has not started yet. Procurement of architect took longer than anticipated (meeting procurement objectives results in a longer procurement process)				
Cost	Green	Green	The project is running within budget. Immediate procurement required includes the architect and specialist consultants to support the RC application.				
Project Risk	Amber	Amber	Any changes to approved concept layout would be a risk to the project. Meeting procurement objectives results in a longer procurement process.				

#### Monthly Summary:

The Contract has been awarded for the physical works for the improvements around the SH10 junction and physical works will start on the 23<sup>rd</sup> February 2021.

Haigh Workman underway with concept design of civil engineering services. Williamson Water and Land Advisory has completed a Groundwater assessment survey and identified two prospective boreholes. The contract for installation of monitoring bores have been issued and drilling will commence towards end of February 2021.

Key work completed in the month of January 2021:

- Completion of Groundwater survey & identification of two perspectives for monitoring holes
- Award of the SH1o works contract
- Progress on concept design
- Conclusion of EIO process for architects 4 Architects registered interest. RFP Package being prepared to be issued.

Key Project Risks		Mitigation of Risk			
Design decisions		Continues communication with role-players and getting sign-offs in time			
Market capacity to deliver			Procurement planning		
Community Engagement			Agreement of a Working	Group to ste	er matters
Downstream Impact – Ongoing future	operation co	sts	Value Engineering during	design	
Supply Chain – getting services and m	aterials neede	d	Early procurement		
Programme Governance – Conflict of	Interest		Set up Mitigation Plans		
Key Project Milestones	Expected		Status		Comment
Initiation	03/08/2020		Completed		
Resource Consent	05/10/20-19	9/01/21	Ongoing		
Concept Design	Nov 2020		Ongoing		
Developed Design	Jan-Mar 202	1			
Detailed Design	Mar-May 20	21			
Procurement	Apr-Jun 202	1			
Construction Jul 2021					
Project Budget Status				1	
Approved Budget Actual Spe			end to Date		Forecast Total Spend
\$11M		\$5M – Land	l acquisition	\$11M	

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#### Project Name: Kerikeri Domain Revitalisation

#### Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	The community and working groups agreed on the initial scope of work for the current funding grants. This will now be captured on a concept layout plan for the area and works can commence to ensure detailing of the scope and approach to physical works is efficient.
Scope	Green	Green	Scope has been agreed by key stakeholder groups and has been developed into a concept layout plan that speaks back to the master plan for the reserve. Initial works Skate Park and Basketball Court design is being done along with the concept layout plan development.
Schedule	Green	Green	Currently the project is tracking slightly behind the original programme, this is due to sign off from stakeholder groups for scope, originally planned in September. The Concept plan has been approved in principal and the detailed design of the Basketball Court and Skatepark can only now commence.
Cost	Green	Green	The Project is currently within budget
Project Risk	Amber	Amber	Major changes to the concept layout plan would be a risk to the project. Meeting procurement objectives results in a longer procurement process.

#### Monthly Summary:

Akau have been appointed for the concept layout plan for the reserve which captures the scope of the new funding received. The 1<sup>st</sup> draft of the concept plan was presented to the working group end of January 2021 and some comments followed which have been incorporated. The Working Group agreed to the location of the Basketball Court and Skatepark, although final sign off is still required for the complete concept layout.

A community  $\mathsf{BBQ}$  is planned in February to give feedback on the upcoming project to the community.

Detailed design for the Basketball court and skatepark can commence now that the locations have been agreed. Procurement of the physical works can only be done once the scope of works is finalized from the detailed design.

Further works which require specific design have be identified and move into design over the next two months.

Key Project Bicks			Minimation of Diele			
Key Project Risks			Mitigation of Risk			
Market capacity to deliver			Procurement planning			
Community Engagement - Community argue they didn't want it in the first p		, the community might	Agreement of a Working	Group to ste	er matters	
Downstream Impact – Ongoing future	operation co	sts	Value Engineering during	design		
Supply Chain – getting services and m	aterials neede	ed	Early procurement			
Programme Governance – Conflict of	Interest		Set up Mitigation Plans			
Key Project Milestones	Key Project Milestones Expected				Comment	
Initiation		03/08/2020	Completed			
Community Scoping	Ļ	Aug-Sept 2020	Completed		Workshop held	
Developed Design	ī	Nov-Dec 2020	Underway			
Detailed Design		Jan 2021				
Procurement		Jan 2021				
Construction Feb 2021						
Project Budget Status						
Approved Budget Actual Spe			end to Date Foreca		Forecast Total Spend	
\$ 3M	\$ (	0M \$ 3M				

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## TOURISM INFRASTRUCTURE FUND

### August 2019 Applications:

	Project	Status	Notes				
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)	Approved with Funding Agreement	Building consent issued in January. Supplier construction contract has been confirmed. Contractor is coordinating start dates.				
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	The new extension block has been completed. The conversion of the old shower units to toilets is being repriced/updated. Joint initial payment received from MBIE of \$187,000 + GST for both Waipapa Toilet upgrade and Waitangi Jetty Toilet Upgrade.				
2	Pungaere Road Seal Extension	Approved with Funding Agreement	Work has continued onsite with culvert upgrades and replacements progressing well, along with the installation of RIP Rap scour protection. Pavement design has been completed, with the final design accepted and approved. Pavement preparation and construction works will commence in the beginning of February 2021 following the culvert upgrade works. Initial payment received of \$293,584 + GST. Additional MBIE payments totaling \$400,000 + GST have also been received.				
3	Cable Bay Carparks	Approved with Funding Agreement	Initial payment received of \$79,436 + GST. Agreement has the construction phase scheduled in the next financial year. Anticipate initiating design in the new year. Potential to align with the Te Hiku PGF project to maximize productivity and local economic benefits.				
4	Taipa Beach Pohutukawa Protection	Completed	Remedial work completed.				
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)	Completed	Drainage issue resolved and shower installation is now complete.				
6	Stone Store Lighting	Approved with Funding Agreement	Revised proposal received and currently under review by Heritage NZ. Meeting scheduled with Heritage NZ in February to move to scope and contractor engagement phase				
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Currently collecting data from the Kaitiaki Ranger weekly data sheets for the 20/21 summer season. Meetings held to discuss reserves policy and car parking. Final report drafting underway.				
8	District Boat Ramp Operational Plan Study Grant	Approved with Funding Agreement	Final report drafting continues. February 2021 targeted in order to support FNHL resource consenting requirements for Rangitane reclamation.				

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August	August 2019 TIF Funding									
Project		Community	FNDC	MBIE	Total					
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)		\$120,000	\$254,600	\$424,600					
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	\$50,000	Ş120,000	<i>\$234,000</i>	Ş727,000					
2	Pungaere Road Seal Extension		\$793,584	\$793,584	\$1,587,168					
3	Cable Bay Carparks		\$238,136	\$238,136	\$476,272					
4	Taipa Beach Pohutukawa Protection		\$8,000	\$8,000	\$16,000					
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)		\$14,300	\$14,300	\$28,600					
6	Stone Store Lighting		\$13,750	\$13,750	\$27,500					
7	Freedom Camping Operational Plan Study Grant		\$37,500	\$37,500	\$75,000					
8	District Boat Ramp Operational Plan Study Grant		\$37,500	\$37,500	\$75,000					
	Totals	\$50,000	\$1,262,770	\$1,397,370	\$2,710,140					

## August 2019 TIF Funding

### Round 5 March 2020 TIF Applications

Note: Round 5 has been postponed by MBIE due to Covid-19 and will likely be cancelled.

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## PROGRAMME DARWIN

To lead best practice enterprise asset management in New Zealand.

Mā te kimi ka kite, Mā te kite ka mōhio, Mā te mōhio ka mārama

Seek and discover. Discover and know. Know and become enlightened.

Learning is a journey. It starts with a conscious effort to seek knowledge. Upon seeking, you will surely discover a brand new thing or see a familiar object in a totally new light. Eventually, the things you know will lead you to become wise beyond your years. Seek. Discover. Know. Be enlightened.



## EXECUTIVE SUMMARY

Program Darwin continues to advance albeit at a slow rate. The impending appointment of the new Program Manager with full time commitment will significantly improve progress and strengthen the existing relationship with staff and suppliers. Condition data capture works continues as does system and business process development on the back of advancing understanding of the application and operating environment.

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## Programme Vision

Vision: Leading best practice enterprise asset management in NZ.

Mission: Lifting the understanding and delivery of asset management across the organisation.

🗆 Status Indi	cato	rs
Overall	÷	No significant change in status. System workstream remains on track and initial work on data supply chain engagement has commenced
Benefits		No change; remains the basis of performance framework.
Capability		Issues remain with project delivery resourcing across the project team including assets SME's, IT project support and supply chain capacity to support project inputs. New Programme Manager appointment imminent.
Leadership		Programme leadership has been strengthened with the appointment of a permanent Manager Assets and Planning to foster greater integration and/or task prioritisation. Will move this green once Program Darwin Manager programme manager is appointed.
Budget		Currently appears within forecast but quality of data under investigation. Future years budgets yet to be defined.
Roadmap		Revised timeline, deliverables and expectations detailed on November update to Elected Members.
Risk		An additional item raised around commitment distraction arising from work being done on water reforms.

State of Play	
Last Month	Next Month(s)
<ul> <li>Continued engagement with all data supply chain partners e.g., Far North Waters on system requirements.</li> <li>Preferred candidate for permanent (fixed term) Programme Manager identified.</li> <li>Revised strategy of condition data capture works implemented</li> </ul>	<ul> <li>System Workstream – refinement of business processes.</li> <li>Transformation workstream - Stakeholder workshops to debrief on culture survey results and Field Force recommendations set down for new year.</li> <li>Transformation workstream - development of impacts to the roles &amp; responsibilities and competency based upon recent competency assessments.</li> <li>Data &amp; Analytics workstream -condition assessments continuing.</li> </ul>

Programme Workstreams							
Name	Туре	Status	Programme Comment				
INFOR	Project		Full operational use of INFOR will not be possible until September 2021 at the earliest (noting some parts may be ready before then) as previously articulated. Status updated to reflect revised program.				
Data and Analytics	Operational		No budget change and still expect to have a pilot by June 2021 but a fully operational region wide LAMP will not be completed by June 2022.				
People & culture	Improvement		Initial survey completed (Field Force). Transformational plan (for assets team) being discussed.				
Customer and Stakeholders	Improvement		Engagement program yet to be initiated. Communications framework to be reinvigorated.				

Programme Mileston	es			
Milestone	Baseline Date	Actual Date	Status	Comment
Identify Stage completed	NA	30/11/19		Programme plan agreed.
Define Stage completed	31/03/20	1/02/21		Operational demands on project resources along with discovered issues relating to data and data access have delayed until we have condition data and working system environment. Deliverable date changed to reflect the adaptation necessary once we start importing and manipulating condition data.
Execute Stage completed	30/06/21	30/6/22		Different projects & workstreams will deliver at different times over a 2-year timeframe. The fully mature system is unlikely to be delivered by June 2022 due to the reduction in condition budgets.
Product Review Stage completed	30/06/22	20/12/22		Reviews will take place as each project is completed; however overall review of programme is now scheduled for Jun – Dec 2022

	Top Programme Issues									
Ref #	Explanation & Cause	Priority	Action Required	Owner	Date Raised					
5	Operations commitments means availability of staff to participate in workshops or contribute to the programme has constrained progress.	1	Some improvement in the outlook with additional resourcing coming on board. Still expect this issue to prevail throughout the life of the programme.	Tony McCartney / Andy Finch	03/05/ 20					

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	Programme Risks						
Ref #	Description	Risk Status	Current Risk Rating	Trend of Risk Rating	Mitigations	Owner	Review Date
11	Program resourcing constrains may lead to an adjusted risk profile.	Possible	Major	Stable	Status report and mitigation framework presented. Full programme lifecycle program update by November 2020.	Programm e Manager	Mar 21
14	Investigation into budget management have identified some potential issues with coding of time.	Probable	Significant	Stable	Changes to budget allocation still being worked through	Programm e Manager	Mar 21
15	Water reform investigations/n egotiations impact both progress and willingness to advance program	Possible	Major	Stable	Programme leadership commitment and organisational information governance committee oversight.	Programm e Manager	Mar 21

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# INFRASTRUCTURE PLANNING

Policy making and integrated planning. Managing consents which authorise activities essential to the services Council provide.

The following provides an overview of the current priorities on the Infrastructure Planning Team's work programme. This includes planning projects, collaboration and engagement activities and key consent applications and renewals.

## EXECUTIVE SUMMARY

In the month of January, the Infrastructure Planning team progressed work on several key projects:

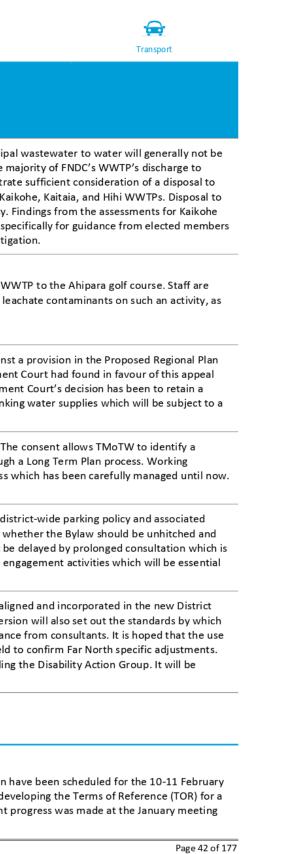
- Council was successful in appealing a provision in the Proposed Regional Plan for Northland that sought to make taking water from fully or overallocated sources a prohibited activity. The Environment Court's decision has been to retain a prohibited activity status for all fully or over allocated sources except for applications made for registered drinking water supplies which will be subject to a separate, non-complying, activity status.
- Council staff attended a second pre-mediation meeting with parties appealing the Taipa WWTP resource consent in January. Excellent progress was made in developing the Terms of Reference (TOR) for a Working Group (required by to be established by conditions of the consent) and staff are hopeful that agreement on these matters can be achieved at the Environment Court mediation in February.
- The 2021-2051 Infrastructure Strategy is largely complete and is undergoing a final a review by Audit NZ.
- Wastewater land disposal assessments have been completed for the Kaikohe and Kaitaia wastewater treatment plants. Findings from these assessments along with analysis of economic and practicable viability, will be reported to an up-coming Council meeting.
- The projects to update the water supply and wastewater network models for Paihia are progressing well and are on track for completion by the end of June in accordance with the MBIE funding agreement.
- Infrastructure planning continue to work with Strategic Planning and Policy team on key pieces of work including
  - Parking policy and bylaw review
  - Water supply bylaw review
  - On-site water storage options
- Standardization project underway for water & wastewater resource consents. Discussions with NRC and Ventia have begun to determine how best to proceed.

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	Key: • Complete • In progress • Parked						Stormwater	District Facilities	<b>P</b> Wastewater	<b>b</b> Water
	Asse		s	tatus						
Activity	t Grou p	Concept	Plan	Deliver	Handover	Expected Completion	Comment			
Strategies / Plans ,	/ Policies	S								
District Transport Strategy	<b>,</b>	•	•	•		FY19/20	the NZTA Board early in the ne inclusion into the Regional Lan	egy Programme Business Case is co ew year. The programme has been r d Transport Plan. The Transport Str p planning. FNDC website to be upd	efined and re-entered into the NZ ategy development project is now	TA financial system in the being prepared for closu
Sludge Strategy – Dredge and De- watering Equipment	Ş	•	•	•			dredge the ponds, dewater the Sludge Strategy identified subs	stewater treatment plants is curren e sludge and then transport the sluc stantial cost savings could be realise al purchase have been completed b	lge to a storage area, usually offsi d by owning and operating our ov	te. This is a very expension of the second
Sludge Strategy – End Use	Ş	•	•				effective "end use" for the bio found a number of hurdles for	e as a resource is a challenge. The 2 solids product. In 2018 and 2019 v the quarry rehab to be successful a ssessment of vermi-composting bui	ve looked further into practical op and staff are of the opinion that th	tions for quarry rehabilit e second option, of verm
WWTP consent replacement programme	Ş	•	•			Ongoing	A programmed approached ha has now been completed to co	is been initiated to support the con over the consent replacements that ments for each consent application.	sent replacement process for Cour need to be lodged over the next f	ncils wastewater treatme ive years. That work prov
2021-2051 Infrastructure Strategy	<b>\$</b> <b>\$</b> <b>\$</b>	•	•	•		Ongoing		uires that all Local Authorities prep address major long-term infrastrue		- ·
Paihia Network Model Upgrades	•	•	•	•		Mid 2021	networks, and consultants are	ay to update and calibrate both the continuing to build, and calibrate v is on track for 30 June 2021, in acco	vith the data obtained during the f	flow monitoring phase, ne
Kerikeri WS and WW, and Taipa WW Model Upgrades	Ş		•			Late 2021	Kerikeri, and to upgrade the w during the procurement of sim models, as soon as is practicab	otained from Jacobs, to provide FNI astewater model for Taipa. Due to nilar projects for the Paihia models, ole. Procurement for this project is xpected to take approximately thre ering Team.	the limited resources available wit procurement assistance is conside expected to commence in mid-Fel	thin this team to manage ered to be the most effici oruary and, due to some
Water and Wastewater Demand Forecasting	•	•	•	•		Mid 2021	enable development of the me methodologies developed, and form the basis of a wider body	sist with the development of dema ethodologies, and FNDC staff are in d implemented with regards to the of work that assesses the status of lemands while deferring the need to	the process of providing the reque Paihia schemes, by mid-2021. Onc water supplies across the district,	ested data. Currently the e demand forecasting ha including water supply a

Transport
vill forward their approval recommendation to n the second of three stages leading to the losure and preparations have now commenced blic consultation on the LTP and RLTP
y-case basis. The contractors come onto site, ensive exercise and the 2018 District Wide fuge. Tender documents (including technical t plan.
ion looked as though it would be the most cost pilitation in the Far North. The investigation ermi-composting, needs further assessment. warter of 2021.
tment plants. An initial planning assessment provides key planning considerations, risks and pport the Kaikohe and Kaitaia wastewater
olan. The infrastructure strategy sets down the final draft is undergoing review by Audit
ia. Flow monitoring is complete for both e, new models for the water and wastewater
e water supply and wastewater models for age this project, and because of lessons learned fficient means of achieving reliable updated me of the model update projects expected to ing operation of the models is expected to sit
Ltd) have requested specific FNDC data sets to the programme is on track to have the g has been determined, this work is expected to ly and demand strategies that could be
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	Key	y: • Complete • In progress • Parked					Stormwater	District Facilities	Wastewater	<b>b</b> Water
	Asse		S	tatus		E				-
Activity	t Grou p	Concept	Plan	Deliver	Handover	Expected Completion	Comment			
Wastewater Disposal to Land Investigations	Ş		•	•		Ongoing	granted unless a disposal to lan water and at the time of renew land option. FNDC staff have de land assessments will be carrier and Kaitaia, along with analysis	d option has been considered and ing resource consents for discharg eveloped a robust discharge to land d out for the majority of the distric of economic and practicable viabi	that a resource consent application found not to be economically or p ges from each WWTP, FNDC will be d methodology, which is currently tt's WWTP, in order of resource con lity, will be reported to an up-comin nsidered sufficiently affordable to v	racticably viable. The ma required to demonstrate being applied to the Kaik nsent renewal priority. Fi ing Council meeting, spec
Ahipara Wastewater disposal to golf course Investigations	Ş	•						examples of disposal of treated ef	viability of disposing treated efflue fluent to golf courses, including the	
Proposed Regional Plan for Northland – water takes	٢	•	•	•		January 2021	for Northland that sought to ma the provision would have jeopa	ake taking water from fully or over rdised the councils' ability to prov fully or over allocated sources wit	Court appeal made by the Minister rallocated sources a prohibited acti ide water to many towns in both d th the exception of applications ma	ivity. If the Environment listricts. The Environmen
Rawene WWTP Optioneering	4	•	•	•		Ongoing	preferred upgrade option and i together with Te Mauri o te Wa	f it does, then Council must consul ii we feel that identifying a preferr	report with multi criteria analysis a It on this upgrade option (and alter ed option in time for LTP consultat TP amendment planned for year 1	mative options) through tion will rush a process w
Parking Policy and Bylaw	<b>,</b>	•	•			June 2022	bylaw project is underway with progressed independently from	significant research undertaken ir the Strategy given that the critica Plan will then be developed to es	nd will be automatically revoked o n-house. The Project Brief is being r I deadline for the Bylaw is fast app tablish the programme of stakehol	reviewed to consider who proaching and cannot be
Engineering Standards		٠	•	•		June 2021	Plan which is currently under re council will hold itself. IAMs sta of Whangarei District Councils s The resulting draft has been rev	eview. The existing standards were ff are part of a working group whi standards as a template will provid viewed by the wider FNDC staff, Al	dvanced on a full rewrite to ensure primarily written to control develo ch has been set up to undertake th le regional alignment. Internal wor liances, Regional Council and pract ly published for public consultation	opers, but the new version re rewrite with assistance kshops have been held to itioner groups including
Consent Applicatio	ns/Autł	orisations								
Taipa WWTP Renewal/Appeal	Ţ	•	•	•	•	Under Appeal	All parties have agreed to medi 2021 in Kaitaia. Staff, including Working Group (required to be	the CEO and GM (IAM) met with t	aled to the Environment Court. his process have been appointed. T he appellants for a second time in . onsent under appeal) in advance o	January to continue deve



	Key: • Complete • In progress • Parked						Stormwater	District Facilities	<b>P</b> Wastewater	<b>b</b> Water
	Asse		S	tatus						
Activity	t Grou p	Concept	Plan	Deliver	Handover	Expected Completion	Comment			
Kaikohe WWTP Renewal	Ş	•				August 2021	wastewater into the Wairoro St improve water quality and to m preferred upgrade option has b	ream. The existing consent expire eet appropriate environmental st een identified along with high leve	ban areas of Kaikohe and Ngawha. s 30 November 2021. It is known t andards. To achieve this, it is likely el costs for input into the LTP. The way, with a final draft of the repor	that the nutrient levels in / that the treatment plan study on land disposal fe
Kaitaia WWTP Renewal	Ş	•				August 2021	consent will be lodged with the Current work underway include	NRC prior to 30 August 2021. The s a study on land disposal feasibili	an areas of Kaitaia. The existing co e preferred upgrade option has bee ty, the effects of the tradewaste d ication further technical investigat	en identified along with h ischarge from JNL, the co
Kohukohu WWTP Renewal	Ş	•	•	•		June 2021		-	or mid-February 2021 to continue t he project will move on to the pub	
Opononi / Omapere WWTP Renewal		•	•	•		June 2021			y that this application will be publi tion, and because hearings for the	,
Puketotara surface water take (source for Kerikeri WTP)	٢	•	•	•		March 2021			bout the suitability of the conditio Ian for Northland have been resolv	
Motutangi Drainage District Concession application	<u></u>	•	•	•		TBC	continued requests for updates the concession application wou it is understood the Manager is	no information was provided unt Id be approved (or otherwise) by t	be peer reviewed and then be sent il recently. In late August staff wer the new manager. The change in n on the drainage activity in the Kain n.	e advised DOC had a new nanagement has required
Kawakawa WTP groundwater reassessment	٢	•				April 2021	treatment plant. The initial ass	essment has shown that the curre	on between groundwater levels in nt information on the connectivity ome next steps, including aquifer t	is likely to be correct (i.e
Waitangi public toilet consent application	â	•	•	•	•	Dec 2020			aitangi boat ramp was lodged and a n January and a decision is expecte	
Paihia WTP wastewater discharge	٢	•	•	•	•		A replacement consent for the WTP until the new WTP is comm		s been received. The consent perio	od is for 10 years and will
Southern Animal Shelter	m	•	•			April 2021			truct the new southern animal she equired to support the application	

Transport
te consent authorises the discharge of treated Is in the discharge will need to be reduced to plant will need a significant upgrade. The al feasibility which includes a high-level analysis <i>i</i> ided by early March.
vember 2021. An application to renew the th high level costs for input into the LTP. e commissioning of an ecological assessment en to ensure that the best practicable upgrade
ss. The CIA is the final report required to fulfil ng phase
ne time as the Kohukohu WWTP application as y to be held 'back-to-back'.
vet to be resolved however staff expect now amend the draft conditions as requested by
ns Manager for approval. However, despite new Operations Manager in Kaitaia and that iired a complete review of the application and erve. Once that has been received staff will
d the Tirohanga stream at the Kawakawa water (i.e., there is a high degree of correlation plete assessment.
December. The authority to modify an
will allowed for the continued operation of the
I that the applications will be ready to lodge d.
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Activity	Comment
Collaboration and Engagen	nent
District Growth and Infrastructure Demand Forecasting	Infrastructure Planning team staff have recently engaged a consultant to assist FNDC 3W planning staff to develop water and wastewater demand forecasting methodologies, of which population growth in serviced areas. The demand forecasting methodology project includes reviewing FNDC's current methods of forecasting growth and advising on a consistent method forecast growth in the district, this growth forecasting review is scheduled to take place in early 2021.
Parking policy and bylaw	A new departmental collaboration project with the Strategic Planning and Policy department was initiated to write a district-wide parking policy and associated bylaw. Whether this review following emerging risks relating to the Bylaw deadline. The need for a parking policy is clear having been identified throughout the Integrated Transport Strategy and Plan. The was not reviewed and will be automatically revoked on 17 June 2022.
Disability Action Group	The team remain actively engaged with the Disability Action Group. Recent activity includes confirming to the group that their engagement in the Integrated Transport Strategy has led activities in the transport programme which will address the lack of facilities and services for people with disabilities. For example, we are working closely with NRC to expand the Tota engagement with the group is providing valuable insight into matters that need to be included in the new Engineering Standards. The team also encourages the attendance and partici with a better understanding of operational processes
Regional Council	The Transport team are active members in the Regional Land Transport Plan working group with a key objective to ensure that the Far North Transport Strategy and Programme are fu alongside our neighbouring Districts in the upcoming RLTP. We will be part of the team that will be roadshowing and promoting public interest in the RLTP around the region througho
Water Supply Bylaw	FNDC's current Water Supply Bylaw is due to be revoked on 16 October 2021; SPP staff, with support from IAM staff, drafted an options paper for the Strategy and Policy Committee m recommended that a replacement, albeit more specific and brief, water supply bylaw is created and approved prior to the revocation date. Key content of the revised bylaw will enable water supply schemes, in preparation for or times of drought. IAM staff will continue to work with SPP staff across the first half of 2021 to create the recommended revised bylaw.
On-site water storage options paper	On-site water storage has been suggested as a possible solution to improve the resilience of the district's water supply schemes. SPP staff, with support from IAM staff, drafted a briefi Committee meeting scheduled for 09 February, which sets out relevant work undertaken by FNDC regarding on-site water storage, and summarises the current stance of other local co water storage to improve water supply resilience. This report is intended to be followed up later in 2021 with an in-depth report that analyses the problem of water supply resilience a water storage, along with other options, to improve resilience of FNDC's water supply schemes. IAM staff will be integral to the drafting of the follow-up report, and the completion of demand forecasting work, will be required to inform the in-depth report on water supply resilience.

## New Connections and FNDC Consent Review

Activity		Jan 2021	YTD '21	YTD '20	
Applications for new Water and Wastewater connections	<b>♦</b> ₽	7	57	63	7 requests to connect to Council water and wastewater services were received in January 2021. Year to date Council has last year)
FNDC Resource Consent Applications Reviewed by IAM	All	23	358	204	IAM's development engineer and consents technician review all consents and provide comment on how to minimise/mit
LIMs Assessed	All	137	1169	850	IAM's consents technician input into Land Information Memorandums by completing soil reports and assessing developm

ich an essential component is forecasting ethodology that both teams can use to

remains a single project is now subject to he current Parking and Traffic Control Bylaw

led to the inclusion of several projects and otal Mobility scheme into the Far North. Our ticipation of NTA to provide DAG members

fully incorporated and fairly represented hout March.

e meeting scheduled for 09 February, which ble FNDC to implement water restrictions on

efing paper for the Strategy and Policy l councils regarding the potential for on-site e and will include consideration of on-site of work streams described above, such as the

has received 57 applications (compared to 63

mitigate impacts on Council infrastructure.

opment contributions.

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# INFRASTRUCTURE COMPLIANCE

Oversee regulatory compliance for assets and infrastructure; lead and manage response plans in the event of enforcement action; assist teams around obligations in relation to the Resource Management Act.

The following provides an overview of infrastructure compliance with NRC issued resource consents including current abatement notices.

## EXECUTIVE SUMMARY

#### Whāia e koe te iti kahurangi ki te tūohu koe, me he maunga teitei

Pursue excellence – should you stumble, let it be to a lofty mountain

The primary goal of the Compliance function within IAMs is to identify requirements and goals from a risk compliance and assurance perspective. It is also to provide sound expert advice and oversight with regards to risk mitigation and potential opportunities. Regulatory compliance, changes and adaptation are significant and a top priority. Guided by Far North District Council's values, this function's overarching goal is to use science, data, legislative requirements, and Mātauranga Māori to support decision making, to build transparency and trust and to create collective wisdom when addressing present and future risks to the organisation's Infrastructure and Assets.

## Kerikeri WWTP – application for withdrawal of abatement notice update

A project update has been included earlier in this report with regards to the operational directives at the Kerikeri WWTP. The Northland Regional Council (NRC) had issued an abatement notice on 24 July 2019 with regards to noncompliance with conditions 8 and 9 of the current resource consent. Late November 2020, a request was submitted to NRC requesting an extension be placed on the current abatement notice until phase 6 of commissioning has been completed and three consecutive test results are achieved which is being achieved. This was positively received by Northland Regional Council, who has been working closely with the Far North Waters operations team and the Compliance over the course of the past few months. It is estimated that by the end of February, an application to withdraw the current abatement notice will be submitted.

#### Drinking Water Standards – Monitoring strategy and Risk Reporting

Taumata Arowai's recent DRAFT 'Drinking Water Supply Operational Compliance Rules' <u>DRAFT drinking water supply</u> <u>Operational Compliance Rules</u> (<u>dia.govt.nz</u>) has set out the requirements that drinking water suppliers must meet to demonstrate that they are not exceeding the maximum acceptable values (MAV) for microbiological, organic, inorganic, cyanotoxin and radiological determinands which are set out in the 'New Zealand Drinking Water Standards 202X'. A determinand is a constituent or property of the water that is determined, or estimated, in a sample. The National Environmental Standard uses the term

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'determinand' rather than 'contaminant' because it has a specific and narrower meaning, as defined in the Resource Management Act (1991).

These rules set out minimum compliance requirements for the supply of drinking water, and suppliers are advised that undertaking further measures depending on water supply circumstances and risks may be prudent.

Some of the marked differences within Taumata Arowai's Compliance Rules include:

- Focus on source water monitoring.
- On-line continuous monitoring at treatment plants post reservoir.
- Daily monitoring of conductivity, temperature, pH and turbidity
- Weekly monitoring of Dissolved organics
- Monthly monitoring of E.coli and disinfection
- Monthly reporting to Taumata Arowai as oppose to the current quarterly reporting to the Drinking Water Assessor
- Calibrations of online analysers monthly rather than quarterly
- Surface water takes requiring 4 log treatment.

In anticipation for these regulatory changes, continued discussions are being held between Far North Waters and FNDC with regards to capturing the entire picture with regards to the amendments to Drinking water Standards. Further updates will be provided monthly.

#### Water Monitoring Software

Linked to the programme of works under the Crown's Three Waters reform package is the adoption of a water monitoring software. Data (and in particular good quality data) is driving the water industry. As we know, data requirements are on the increase with changing legislation and a higher interest from our communities: to demonstrate compliance, to demonstrate performance, to plan and to reduce risk. It is not uncommon that for a council such as FNDC, the typical handling in excess of 30,000 points of manual data points and tens of millions of SCADA data points are taken in each year.

When looking to the future of data management, FNDC posed the following basic questions: what data is needed, where is that data coming from, where does it need to go, what is the quality of the data, what is the chain of custody for that data, how is that data managed, what happens to legacy data, what systems are needed for today's data and how to make provision for future data requirements?

In order to achieve the objective of improving overall efficiency, transparency, reliability and to align with strategic fit, FNDC's data set has been categorised into two priorities:

- 1. Compliance Data: FNDC has an unambiguous and statutory responsibility to record.
- 2. Operational Data: used to verify that plant and processes are operating as designed, to inform planning and other decision-making, and to optimise over time.

The business case for the adoption of the water monitoring software is in its' final stages, with an update to be presented during next month's business report.

St Abatement notices are one of the significant risks identified to Far North District Council (FNDC). FNDC Northland Regional Council (NRC). Strong and collaborative engagement with Northland Regional Coun		tstano ar No	ding abatement notices due to non-comp orth Waters Alliance (FNW) partners has b	
Location	Asset	Asse Type	Non-Compliance	Action Underway
	Kerikeri Sports Complex (Paid/Closed)	<b>^</b>	<ul> <li>Issued Dec 2016</li> <li>Breach of discharge consent limit for wastewater discharge amount</li> </ul>	There have been no breaches of discharge volume since November 2018. Plumbing repairs, meter calibration and maintenance was undertaken to mitigate the risk of non-compliance.
	Mangonui Handrail	<b></b>	<ul> <li>The abatement notice was issued in May 2018</li> <li>Erection of a safety rail on the Mangonui boardwalk required</li> </ul>	As agreed by Northland Regional Council, 80m of handrail was installed in September 2018 in high-risk area. A Resource Consent issued for boardwalk improvements. Initiations to cancel the existing abatement notice are actioned in January 2021
Gentre Gentre Handrail Kerikeri WWTP	Kaitaia Recovery Centre	<b>a</b>	<ul> <li>The abatement notice issued Nov 2018</li> <li>Stormwater runoff from bins at site may contaminate waterway</li> </ul>	The Interceptor / oil separator has been installed. A meeting has been arranged with the Infrastructure Compliance Lead and the Northern Monitoring Officer to arrange an inspection of the separator.
Kaitaia WW Network Ahipara WWTP X2 Kaitaia Kaitaia Kerikeri	Opononi WWTP		• The abatement notice was issued in Apr 2016 due to the plant evidencing non-compliance with the E. coli limits.	Short term: aerator and desludging have improved E. coli readings, re- fencing of wetland area completed November 2019, wetland refurbishment costs to be input into next LTP. There has been an 'Issues and Options' plan which has been commissioned and an update will be available in January's report.
Kaikohe Russell WWTP				Long term: engagement with the Community Liaison Group continues to try and find an acceptable upgrade solution before next LTP and alongside the consent renewal.
Opononi WWTP	Kaitaia WW Network		<ul> <li>The abatement notice was issued in April 2016 due to unconsented network overflows</li> <li>Unconsented network overflows</li> </ul>	Screens have been installed at the overflow location and programme of work is underway to reduce frequency of overflows. An Action Plan has been created to prioritise the creation of a Leak Detection Plan.
	Kerikeri WWTP (application to cancel after 18 December)	Ş	<ul> <li>The abatement notice was issued in July 2020 due to a non- compliance with the wastewater discharge criteria.</li> </ul>	Kerikeri WWTP required to be commissioned and operating on/before 30 November 2020 to meet requirements of this abatement notice. FNW is on target to meeting the 30 November deadline of handover and completion which will satisfy the requirements under the conditions imposed by the abatement notice and subsequent withdrawal.

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	Asset			January Status		
Sites	Group	Abatement Issued	Abatement Resolved	Compliant	Detail	Comment
Kaitaia	٢			•	Condition 7 – Unaccounted for water loss	<ul> <li>A leak detection program has been prioritised and is being developed from results of monitoring to ad (UWL).</li> <li>THM levels were &gt;50% of MAV in January.</li> </ul>
Kaikohe	٢			•	Compliant	• THM levels were >50% of MAV in January.
Kawakawa	٢			•	Compliant	
Kerikeri	٢			•	Compliant	Waipapa THM levels were >50% of MAV in January.
Okaihau	٢			•	Compliant	
Opononi	٢			•	See Comments	• Waiarohia Stream take: The planning of the reinstatement of gravel along the stream bed is underway
Paihia	٢			•	Compliant	THM levels were over 50% of MAV in January
Rawene	٢			•	Condition 12 - volume supernatant discharged to Pioitahi Stream	• There were no records of high turbidity during the month of January.
Russell	٢			•	Compliant	
Ahipara	Ş			•	Condition 10 – Faecal Coliforms Condition 2	<ul> <li>Inter stage testing commenced on 13<sup>th</sup> July 2020. Weekly schedule samples have been taken from the discharge point. A meeting was held with the onsite Operations Supervisor on 27 January who recome These results and considerations are being investigated by the Far North Waters (FNW) 3 Waters Engin March's report.</li> </ul>
Hihi	-			•	Compliant	<ul><li>The project to upgrade plant is in its initiation phase.</li><li>DWF Status: Compliant</li></ul>
Каео	-			•	Compliant	
Kaikohe	Ş			•	Condition 7(h)	<ul> <li>The higher levels of E. coli resulting from scheduled sampling which took place in September are curre Waters 3 Waters Engineer. An update will be provided in March's report.</li> <li>DWF Status: Compliant</li> </ul>
Kaitaia	Ş	x		•	Compliant	<ul> <li>The 'Kaitaia Wastewater Network Improvement Plan' (overflow project) has been completed and awa provided in March 2021.</li> <li>DWF Status: Compliant</li> </ul>
Kawakawa	-			•	Compliant	
Kerikeri	-	x		•	Condition 8 – TSS, CBOD, TAN, E.Coli	<ul> <li>The plant has completely been handed over to FNW and regular sampling is taking place demonstratin with Northland Regional Council in February regarding the withdrawal of the current Abatement Notic</li> <li>DWF Status: Compliant</li> </ul>

## WATER AND WASTEWATER RMA COMPLIANCE REPORT – JANUARY 2021

address Unaccounted for Water Loss
way.
the inlet, constructed wetland and the final ommended solutions and mitigation efforts. ngineer. A status update will be given in
rrently being investigated by the Far North
waiting adoption. A status update will be
ating compliance. There will be discussions otice.

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	Asset			January Status		
Sites	Group	Abatement Issued	Abatement Resolved	Compliant	Detail	Comment
Kohukohu	Ę			•	Compliant	DWF Status: Compliant
Opononi	Ş	x		•	Condition 19 - TAN, E.Coli	<ul> <li>An 'Issues and Options' report has been commissioned which has identified recommended upgrade levels. The preferred upgrade strategy will support the resource consent renewal application. This is the Infrastructure Planning team.</li> <li>DWF Status: Compliant</li> </ul>
Paihia	Ş		x	•	Condition 9 – NH4 – N Condition 13 - pH	<ul> <li>A performance and report and long-term solution proposal has been finalised which has now been s Management and Project Delivery for approval. Further update will be provided in March's report.</li> <li>In the short term, the planned daily chemical dosing began on 6 November demonstrating compliant</li> <li>DWF Status: Compliant</li> </ul>
Rawene	Ę			•	Compliant	DWF Status: Compliant
Rangiputa	4			•	Compliant	DWF Status: Compliant
Russell	Ę			•	Condition 9 - infiltration efficiency report Condition 8 - land instability report	<ul> <li>Condition 9 – The sampling of the monitoring bores for the purposes of reporting on infiltration was regards to the required infiltration efficiency report will be submitted early 2021.</li> <li>The annual written assessment report and instability risk is due early 2021. This is to ensure the disclinstability within or adjacent to the borehole disposal areas or on adjacent properties.</li> </ul>
Таіра	Ę			•	Condition 2 - discharge to ground	<ul> <li>Continuing to operate under original resource consent conditions until the Environment Court appea</li> <li>DWF Status: Compliant</li> </ul>
Whatuwhiwhi	-			•	Condition 8 – Total Suspended Solids	<ul> <li>To assist in the mitigation of TSS (algae biomass), FNW and FNDC are in discussions with regards to p</li> <li>DWF Status: Compliant</li> </ul>

1. TAN - Total ammoniacal nitrogen

2. TN – Total nitrogen

3. DO – Dissolved oxygen

4. TSS – Total suspended solids

5. BOD – Biological oxygen demand

6. MAV – Maximum acceptable values

7. THM - Trihalomethanes

8. TP – Total Phosphates



de options and to address the E.coli and TAN s is still underway and currently sitting with n sent to Far North District Council Asset t. ance. vas conducted on 13 November. Details with ischarge from the plant is not causing land peal has been resolved.





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## ASSET MANAGEMENT

Assets need to be planned, created, operated, maintained, renewed and disposed of in accordance with Council's priorities for service delivery for current and future generations.

The following provides an overview of key projects and deliverables the Asset Management Team are working towards. These are being delivered in conjunction with 'business as usual' work such as RFS's, operational matters and minor projects.

## EXECUTIVE SUMMARY

January has continued to be a busy time for the Asset Management team. Key projects are;

- Continued work on the 3 Waters and District Facilities LTP
- Combined Asset Management Plan (AMP) for 3 Waters and District Facilities (required for Audit purposes)
- Implementation of the new Asset Management System (AMS) IPS (INFOR)
- FY20/21 Capital Works Programme and scope delivery thereof and;
- Asset Condition Assessment programme for FY21/22

The team are also developing what the packages of work are for the Condition Assessment Programme funding for this FY as well as looking at procurement, as well as securing a project lead (with funding secured via the 3 Waters DIA Reform funding stream) for the next packages of work for funding secured through the LTP over the next 3 years – FY21 – FY24.

The team are also developing what the FY21/22 Capital Works delivery programme, and scopes required thereof, looks like.

The team have also been working with the auditors who were onsite w/c 18 January to 5 February 2021 to audit the LTP Capital Programme submission, consultation document and 'draft' combined AMP.

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Kev: •	Complete	• In progr	ess • P	Parked					<b>.</b>	6
							Stormwater	<b>District Facilities</b>	Wastewater	Water
Activity	Asset Group	Concept	St Plan	tatus Deliver		Expected Completion	Comment			
Strategies / Plans / Policies										
Living Asset Management Plan (LAMP)	All	•	•			FY21/22		/ EMs by end of June 2021 (du <b>Programme Darwin section for</b>	e to delay with INFOR system imp <i>further details).</i>	lementation the time
Combined Asset Management Plan (3 Waters and District Facilities)	All	•	•	•	٠	FY20/21		f a LAMP, and as part of the Lor available by mid-January 2021 t	ng-Term Plan (LTP) process, a com or audit purposes only.	bined draft Asset Ma
Asset Management Strategy	All	•				FY21/22		based on review being done fo strategy in place by end of June	r the 30 Year Infrastructure Strate 2022.	egy by Infrastructure
Annual Plan (AP)	All	•				FY21/22	Contribute to An FY20/21.	nual Plan project, coordinated	by Strategic Planning & Policy. No	ot required again unti
Long-Term Plan (LTP)	All	•	•	•	•	FY19/20 to FY20/21	planning being co	onsidered for the next round.	e FY21/31 LTP in February 2020. The Auditors are due onsite to aud This will only be concluded by end	dit the LTP Capital Pro
ISO55000	All	•				FY21		ed. This will align with the curre ata standards being developed.	ent International Infrastructure M	anagement Manual (
Stormwater Strategy	<u></u>	•	•	•		FY20/21	March 2020. Infr		aft plan is in place and draft strate o hold workshops with SLT and EN ops as an overview.	
Stormwater Catchment Management Plans	<b></b>	•	•	•		Underway	Underway – FY19	9/20 to FY21/22 (3-year proces	5)	
Vesting Assets to Council Policy	All	•				FY21/22	Consulted with A consulted in due		ocess is to be drafted / process m	apped. Other parts o
Asset Identification / Condition	Assessme	ents								
Prioritised Scheduled Asset Condition Assessments	All	•	•			FY21/31	spend for this FY	(FY20/21) is underway and sho	h amounts to a total spend of \$9r ould be out to market by end of M ut to market by May / June 2021.	arch 2021. The proc
Inventory Assessment - DF Assets	<b></b>	•	•	•	•	Ongoing	n/a			
Major Project Pipeline – Initiati	ons - Inclu	des plannin	ıg, feasik	oility studi	es, options	assessments, ł	ousiness casing etc	. before handover to Project De	elivery	
Hihi WWTP	Ş	•	•	•		FY22/23	been requested t		ing applied for through Infrastruc ely additional funding estimate to neeting on 25 February 2021.	
East Coast (Taipa) WWTP	Ş	•	•			Under Appeal	consultation requ		consent. Initial upgrade and dispo ppeal we don't know what this w	-
Other										
Asset Management System	All	•	•	٠		FY20/22	Full operational u	use of INFOR ('Go Live') won't b	e possible until September 2021	(please refer to Prog

Ę	
Roading	
eframe for the LAMP has been delayed).	
anagement Plan for 3 Waters and District	
e Planning for the next LTP (FY21/31). The	
til FY21/22 due to current LTP work in	
eing looked at in-depth and future asset rogramme, as well as consultation public consultation has occurred and sign-	
(IIMM) and will need to incorporate the	
/ workshopped early in the new year, likely frastructure Strategy. It is likely the SW	/
of Council i.e. SPP, Legal and Finance will b	e
procurement package for the \$1.5 mil	
curement package and project lead for this	i
Additional funding is required and has -February 2020. A report, with options and	d
nent undertaken, further assessment and e. <b>Refer to Taipa WWTP Renewal / Appea</b>	1
gramme Darwin for full details).	
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Кеу: •	Complete	• In progr	ess • F	Parked			Stormwater	District Facilities	Wastewater	Water
A saining	Asset		S	tatus		Expected	Comment			
Activity	Group	Concept	Plan	Deliver	Handover	Completion	Comment			
Stormwater modelling requirements		•	•	•		FY20/21 – FY21/22	As per the SW Cat	tchment Management Plan (CN	1P) strategy, the models for SW v	vill take in excess of 2
Water modelling requirements	٢	•	•			FY21/22 – FY23/24	area at this stage)		view the Kerikeri Water Network nding requirements to upgrade t contributions (DC) policy.	-
Wastewater modelling requirements	4	•	•			FY21/22 – FY23/24	growth area at thi	is stage). Depending on the rev	view the Kerikeri WasteWater Ne view, funding requirements to up oment contributions (DC) policy.	
Area of Benefit Plan updates – Stormwater		•				FY21	To be investigated	d		
Data Cleanse / Tidy Up	All	•	•	•	•	Underway	A continual proce	ss but aim to have it completed	l prior to Phase 1A implementati	on of the new AMS (N



## DISTRICT FACILITIES

Maintain Council parks, reserves, cemeteries, owned community and operated buildings, Housing for the Elderly, public toilets, town maintenance, contracted swimming pools and Solid Waste in accord with policy, strategy and legislation.

## EXECUTIVE SUMMARY

While peak visitor numbers dropped toward the end of January the 2020/21 summer season has still been incredibly busy with large volumes of domestic visitors who had a heightened awareness on the Far North as a prime destination of choice. This put considerable pressure on the District Facilities team and our contractors to ensure we continued to deliver 'business as usual' along with other requirements / expectations as a result of increased localised visitor numbers.

The Kaitiaki Ranger program has been received well by both visitors and locals with a lot of attention on the Rangers based at Te Hononga, Kawakawa. As the 'Gateway to the Far North', the Rangers here were tasked with providing as much information as possible about our area, services and expectations for being a responsible visitor (camper). The 2020/21 programme also included Rangers being extended to cover Russell, while we continued with the programme on the Karikari Peninsula, Ahipara and Kaimaumau. Again, this is a joint effort involving DOC and NRC.

The Te Tai Tokerau Worker Redeployment initiative is winding up as the funding amount approved comes to an end. However, RSL (our contractor) has been able to extend the contract for some of those employed to help with the peak season demands and to also assist with works being needed as part of the MBIE Flood Funding programme. These MBIE Flood Relief Funded projects have been scoped with some projects going to the Roading Team to help deliver. The remainder of the projects will be delivered by the DF Team.

We continue to receive and investigate an increasing number of encroachments issues affecting mainly Council parks and reserves esp. esplanade reserves.

Positive customer feedback for one of the RSL staff was received "Thank you to Elaine from RSL for the cleanliness and hard work at the Rainbow falls public toilets."

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## CUSTOMER EXPERIENCE PROGRAMME

Monthly District Facilities RFS numbers are:

	Jan	Feb	March	April	Мау	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
2018	332	302	406	355	314	251	296	301	231	320	346	214	3688
2019	392	360	466	423	486	440	401	359	428	431	451	381	5081
2020	527	396	355	193	336	385	370	360	377	519	361	555	4734
2021	455												



Due to changes with the Customer Experience programme, our normal table will not appear showing January results.

## HEALTH AND SAFETY

## **Recreational Services**

ACCIDENT TYPE	Jan '21	Feb '20	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0	0	0	0	0	0	1	0
Vehicle / machinery near miss	1	0	3	0	0	3	0	0	3	0	0	0
Non-serious harm	2	0	2	0	4	1	0	0	0	2	1	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident incl. 3 <sup>rd</sup> party	0	0	0	0	0	1	0	1	0	0	0	0

#### Non-serious harm:

 Response operators had loaded green waste onto a truck and was securing it down when one of them turned and a small stick caught him in his ear and perforated his ear drum.

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 A staff member was emptying a bin in Awanui as it was full, and the bag got caught coming out of the bin. The staff member twisted slightly to drag the bag out and felt a sharp pain in her back.

### Vehicle near miss:

Horse on gravel road jumped the fence in Mitimiti causing employee to brake heavily.

			-		_	-		-		
ACCIDENT TYPE	Nov '20	Dec '20	Jan '21	Feb '21	Mar '21	Apr '21	May '21	June '21	July '21	Aug '21
Near Miss	0	0	0							
Non-serious harm	0	0	0							
Serious harm	0	0	0							
LTI	0	0	0							
Vehicle / Machinery accident	0	0	0							

# OCS (Cleaning contractor for Council buildings)

# Waste Management (Southern RTS)

ACCIDENT TYPE	Jan '21	Feb '20	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sept '20	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0	0	0	1	0	0	0	0
Non-serious harm	0	0	0	0	0	0	4	0	0	0	0	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident	0	0	0	0	0	0	0	0	0	0	0	0

#### NOTE:

As a result of a vehicle accident outside the Okaihau Community Recycling Centre (CRC), although not a workplace incident, an investigation was carried out to check if anything to do with the site could have been contributing factor.

## Northland Waste (Northern RTS)

ACCIDENT TYPE	Jan '21	Feb '20	Mar '20	Apr '20	Мау '20	June '20	July '20	Aug '20	Sept ′20	Oct '20	Nov '20	Dec '20
Near Miss	0	1	0	0	0	0	0	1	0	0	0	0
Non-serious harm	2	0	1	2	1	3	3	0	0	2	1	0

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Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	1	1	0	0	0	0	0	0	0	0
Vehicle / Machinery accident	1	0	1	0	0	0	0	2	1	0	0	0

#### Non-serious harm:

- Member of public cut her finger on the recycling she was dropping off.
- Operator was verbally abused by member of public due to the price of his rubbish disposal. Member of public left without depositing his waste. Operator did not get a registration plate number to affect a trespass notice.

## Vehicle / Machinery Accident:

 The driver of the truck entering Whatuwhiwhi Refuse Transfer Station (RTS) overestimated the gap next to a vehicle belonging to a member of public. Member of public offered to move but driver thought he had enough space resulting in damage to the vehicle.

ACCIDENT TYPE	Jan '21	Feb '20	Mar '20	Apr '20	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0	0	0	0	0	0	0	0
Non-serious harm	0	0	0	0	0	0	0	0	0	0	0	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident	0	0	0	0	0	0	0	0	0	0	0	0

## Broad-spectrum (Russell RTS and landfill)

# CBEC Eco Solutions (Waste education contract)

ACCIDENT TYPE	Jan <b>'21</b>	Feb <i>'</i> 20	Mar '20	Apr '20	Мау '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0	0	0	0	0	0	0	0
Non-serious harm	0	0	0	0	0	0	0	0	0	0	0	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident	0	0	0	0	0	0	0	0	0	0	0	0

# Hapouri Aquatics (Swimming Pools)

# Kerikeri Pool

ACCIDENT TYPE	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar '21	Apr '21
Near miss	0	0	0	0			
Non serious harm	0	3	6	1			
Serious harm	0	0	0	0			
LTI	0	0	0	0			
Vehicle / Machinery accident	0	0	0	0			
Incident only	0	0	0	2			

Non-serious harm:

Child slipped and hit chin on side of pool. Plaster applied. No further action required.

#### Incident only:

- Elderly man accused of staring at female. He is a regular early bird swimmer who also brings his grandchild. Guards felt the comment was unwarranted but will continue to monitor him and the situation. No further action required.
- A father found another adult to watch his children for him and as a result of being questioned, has disputed the 'Pool Alone Policy'. This matter is still being investigated.

### Kaitaia Pool

ACCIDENT TYPE	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar' 21	Apr '21
Near miss	0	0	3	0			
Non serious harm.	0	0	0	0			
Serious harm	0	0	0	0			
LTI	0	0	0	0			
Vehicle / Machinery accident	0	0	0	0			
Incident Only	0	0	0	3			

Incident only:

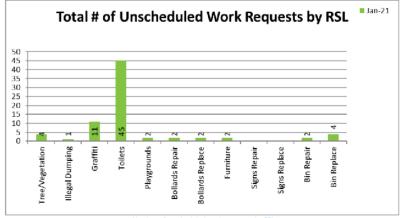
- 2 x code brown incidents as a result of faecal matter in the pool
- Adult / child ratio issue an aggressive adult resulted in the Police being called. The person concerned left before Police arrived.

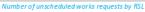
# Kaikohe Pool

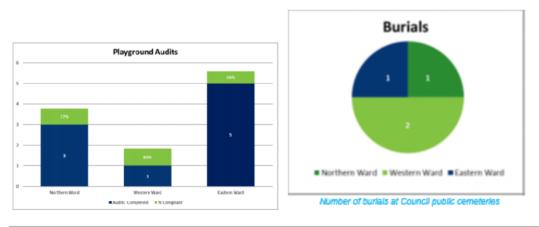
ACCIDENT TYPE	Oct '20	Nov '20	Dec ′20	Jan '21	Feb '21	Mar '21	Apr '21
Near miss	NA	0	1	0			
Non serious harm.	NA	1	0	0			
Serious harm	NA	0	0	0			
LTI	NA	0	0	0			
Vehicle / Machinery accident	NA	0	0	0			
Incident Only	NA	0	0	0			

No incidents to report for January 2021.

# **RECREATIONAL SERVICES**



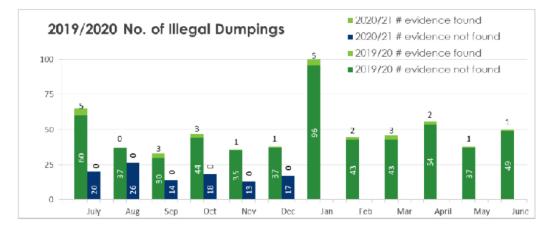




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Location	Feb '20	March '20	April '20	May '20	June '20	July '20	Aug '20	Sept'20	Oct '20	Nov '20	Dec '20
Kaitaia Transfer Station	97.45m3	56m3			103.4m3 13 bags 23 tyres	98.75m3	72.675m 3 4 bags	43m3	104.75m <sup>3</sup> 3xBags 1x Tyres	121m³	191.1m <sup>3</sup> 4xBags 1xTyre
Whitehill s Transfer Station	129.44m 3	66.9m3			122.23m 3 33 bags	104.4m3	115.84m 3	130.6m3	153.98m 3	92.55m³	183m <sup>3</sup>
Kaikohe Transfer Station	83.2m3 & 3450kg	54.12m3 & 1910kg	NA due to COVID- 19	NA due to COVID- 19	79.9m3 3300kg	46.4m3 18 bags	36.2m3 4455.20 kg 1 bag	55.62m3 5810kg	98.41m³ 3xTV's 740kg	33.5m³ 8100kg	15.6m <sup>3</sup> 4500kg
Russell	28m3	3.5m3 & 15 bags			1.5m3	1.5m3	2.8m3	1.0m3	10.2m³	4m³	17.2m <sup>3</sup>
Kerikeri					-	-	7.2m3 12 bags	76.38m3	2.5m³	0	0
Whanga e	96.65m3	453.8m3			45.69m3	95.1m3	7.2m3 12 bags	76.38m3	50.6m³ 3xTV's	82.8m³	84.74m <sup>3</sup>
Opononi		17.4m3			-	-	90.35m3	-		-	-

RSL Litter volumes disposed of at Council Transfer Stations



# ILLEGAL DUMPING (RSL)

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# **RSL** Audits

2020 - 2021	Jan '21	Feb '20	Marc h '20	April '20	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20
Met	16	7	NC	NC	6	4	14	NC	16	10	6	0
Not met	0	0	NC	NC	2	1	2	NC	0	2	0	0
Non-performance Notice	0	0	NC	NC	0	1	0	0	0	0	0	0

#### Table 1: YTD audit results

December 2020 AUDIT DETAILS	Met	Not met	Non-performance notice	Not met comments
Reserve mowing	0	0	0	
Edge control	0	0	0	
Playground	0	0	0	
Cemetery	0	0	0	
Toilets	4	0	0	All wards covered
Litter and Town Maintenance	0	0	0	
CONTRACT AUDIT				
Unscheduled	1	0	0	
Contract	0	0	0	
TOTAL	1	0	0	

The town maintenance pavement cleaning schedule is attached below as FYI. The table shows the frequency of cleans completed as per the contract by RSL. These frequencies are subject to change esp. when there are water restrictions in place. Clean types as noted below are:

- 1) Wash / scrub
- 2) Lift grates & clean channels in footpath centres

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Town	Area m2	Freq. per annum	Oct	Νον	Dec	Jan	March	May	July	Sept
Kaeo	1097	2	1			1				
Kaikohe	8500	3	1				1		1	
Kaitaia	3779	6	1		1		1	1	1	1
Kawakawa	1703	4	1 *		1*		1*		1*	
Kerikeri	3915	5			1&2	1	1	1&2		1
Moerewa	780	4	1		1			1		1
Paihia	1633	5	1&2	1	1&2			1&2		1&2
Rawene	617	2		1				1		
Russell	903	4		1		1		1		1

1 \* no water blasting of Hundertwasser toilets and Gillies St cobblestone areas

## PARKS AND RESERVES

# Lindvart Park, Kaikohe

New signage has been made and will be installed at all pedestrian entrance points to the park.

#### Jaycee Park – Kaitaia

The liberty swing has been recalibrated and should be available for use for the opening.

Remaining minor work for the basketball court has been completed.

A community event for the blessing and opening of the basketball and swing is planned for Friday 19 February 2021 at 4.00pm (dependent on COVID).

# CEMETERIES

A memo was prepared for SLT on the proposal of a national Cemeteries and Cremation Response Team being established to respond to an event that could result in a mass burial such as COVID, the Christchurch mass shooting and earthquake. An outcome is yet to be known but there is an option for such a team for the Region involving NRC, WDC and KDC.

The sale / reservation of burial plots continues to be put on held as we continue to deal with COVID. This was a Ministry request so have the capacity / resources to deal with burials, if needed. Once a plot is sold, it can remain unused for up to 60 years before returning to Council. Unfortunately, there are a number of cemeteries where plots that have pre-sold and give the perception that the cemetery is not full and / or plots are available when this is / may not be the case.

# PUBLIC TOILETS

Toilet cleaning frequencies were increased at a few key locations to cover the peak season being 20 December 2020 to 10 February 2021 as a result of perceived increased visitor numbers to the district.

COVID QR codes should still be on display over a majority of the public toilets.

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All peak season second serves and portaloos including a new site at Te Uenga Bay, Rawhiti were in place to help with increased visitor numbers.

#### Taupo Bay

An issue has arisen concerning the toilets septic system which is being investigated. The toilets blocked on several occasions at close intervals which may point to a problem with the effluent disposal fields. Should this be the problem a new disposal field may be required which is likely to generate the need to fully upgrade the current system to meet any RMA requirements.

#### Klinac Lane, Waipapa

The issue with RCG, the Body Corporates sewerage treatment plant servicing these public toilets continues. RCG are currently in negotiations with NRC to try to reduce the E. coli compliance levels to meet the current operating levels of the system. Until this is known, Council will continue to pump out the public toilet holding tanks. An approved TIF funded project is in place, waiting building consent approval which will result in the creation of a new independent Council owned and operated onsite wastewater management system. The toilets that then be removed from the RCG treatment plant, resulting in reduced operating and maintenance costs.

## **ENCROACHMENTS**

Work continues to address the increasing encroachment issues across the District.

#### Te Hue Bay, Russell

A boat located on the beach frontage that also forms part of the on-going encroachment issue has been requested to be removed by the end of the February. Staff continue to monitor the progress of this and to date the owner has been proactive and helpful. The future of the remaining assets including a picnic table and boat winch are yet to be decided.

#### Wharau Road, Kerikeri

The encroachment issue at the reserve located near the end of the road continues. The site has been surveyed and the level of encroachments ascertained. MBIE Flood Funded works are scheduled to start in the area which should help define the reserve boundaries. The encroachment issue will then be passed to the Monitoring and Compliance Team to progress. It has been noted that one of the property owners has indicated their willingness to work with Council to manage the reserve space as it borders onto his property.

#### Te Wahapu Road, Russell

Several other encroachment issues in this area continue to be investigated.

#### Korora Park, Ahipara

A survey of this park has been completed and the 'encroachments' identified. The matter is yet to be assigned but will require input from District Facilities, Monitoring and Compliance as well as Legal Services.

#### Cable Bay

The issue of encroachments by neighbouring properties are being addressed. One in particular, is significant and has required the assistance of the Building and Planning Team Leaders.

# 2020/21 MBIE TE TAI TOKERAU REDEPLOYMENT FUND

A large amount of work across the district on parks and reserves have been completed using this funding stream. This is now beginning to wind up with the final aspects of the works being completed.

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# 2020/21 MBIE FLOOD FUND

District Facilities secured approx. \$500k that will be used to resolve a number of issues and locations affected by the July 2020 flood event and other extreme weather events. The location and basic details of the works are:

- Ahipara, Kaka Street beach ramp (requires input / direction by the Roading team)
- Moerewa, between Otiria Road and Ranfurly Street. A vacant section that is a site for regular illegal dumping's and more so after a weather event. The works should result in a full clean-up of the site. However, work to date unearthed a significant quantity of asbestos onsite. Full assessments and costings for the removal and disposal of this potentially hazardous material is being prepared.

The following works will be managed by the District Facilities team:

- Kaeo Service Centre stormwater remediation work
- Opononi/Omapere foreshore erosion and vehicle access controls
- Paihia waterfront beach clean
- Opua-Paihia walkway track work
- Pa Road, Kerikeri seal and stormwater remediation work
- Kaeo playground car park seal and stormwater remediation work
- Puckey Avenue Housing for the Elderly car park seal
- Kaitaia cemetery repairs to internal road repairs
- Hihi Beach removal of trees along coastline that came down during weather event
- Te Wahapu walkway work
- Seaview Lookout, Paihia track work
- Jacks Bay track work
- Kawakawa Bowling Club seal and stormwater remediation work
- Wharau Road, Kerikeri repairs to boat ramp and surrounds
- Various Transfer Stations re-metal of areas washed away

# 2020/21 MBIE RESPONSIBLE CAMPING FUND

Council successfully secured funding to run another Kaitiaki Ranger programme, including the cost to service temporary toilets by way of portaloos purchased using the same funding 2 years ago. The Kaitiaki Rangers programmes are run in conjunction with DOC – Kaitaia and NRC and will be based at Karikari Peninsula, Ahipara, Kaimaumau and 2 new locations being Te Hononga, Kawakawa and Russell.

Temporary toilets have been provided at Unahi Wharf - Awanui, Lake Manuwai and Rangitane Reserve – Kerikeri as well as Rawhiti.

The mid-season report is due to MBIE in February.

In the meantime, work continues a Responsible / Freedom Camping strategy. Input has been provided by staff and Rangers involved with the Kaitiaki Rangers programme.

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# SOLID WASTE

#### Waitangi Community Recycling Centre

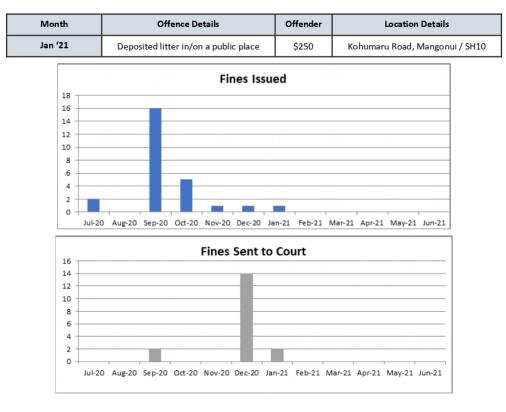
The TB3 Trust has signed a lease that enables the establishment of a community recycling centre on the Trust's land in Waitangi. Waste Management has signed a contract variation covering the rates to operate the site. The proposal is with Council management awaiting the final approval.

#### Ahipara Landfill leachate level

The leachate height within the Ahipara landfill is well over the designed level. Our resource consent restricts us to pumping only 10m<sup>3</sup> of leachate to the wastewater treatment plant so we cannot reduce the leachate level by pumping more leachate out. The landfill liner is essentially designed like a shower tray (600mmm bund) with clay capping ("roof") over the rubbish to shed stormwater. The leachate level within the landfill is well over the lip of "shower tray" and the seal between the capping and the liner is all that is retaining the leachate. The landfill is not designed to work this way, so we need to investigate slowing water ingress and reducing the leachate level. The two most likely sources of water ingress are either:

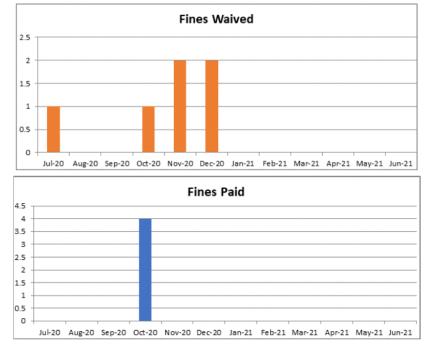
- 1. Storm water run-off from the road and landfill draining leaking in through a side wall.
- 2. A natural spring alongside the landfill wall leaking in through a side wall.

We will review historical leachate levels against seasonal rainfall to see if they provide insight into where the water ingress is coming from.

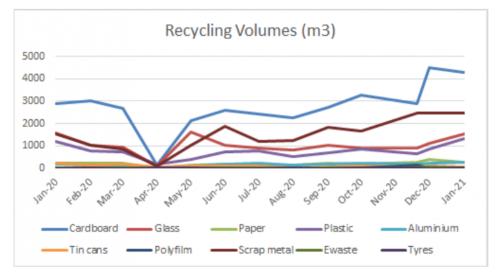


# LITTER INFRINGEMENT ACTION

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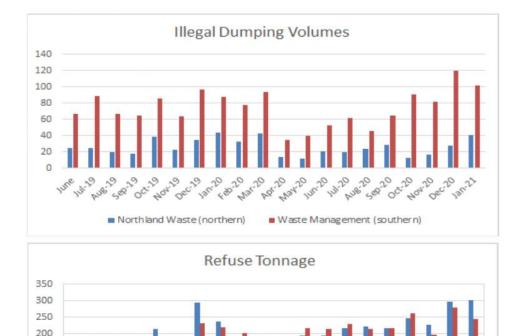


On-going discussions are being had with monitoring and compliance as the figures presented continue to be a small portion of the amount of illegal dumping material presented for investigation and issuing of fines.



## SOLID WASTE STATS

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# ECO SOLUTIONS WASTE MINIMISATION EDUCATION

Dec

Northland Waste (northern)

Extract from their latest newsletter:

150 100 50

Holidays and summer are in full swing, and Eco Solutions has been busy keeping our holidays clean and green...

May 20

Jur

400

Mar

0<sup>ct-20</sup>

500

Waste Management (southern)

**EVENTS**: we assisted at the Joyfest Festival, Butler Point - Hihi not only with the recycling and waste management on the day; we also held a series of popular workshops around sustainability and Kaitiakitanga related topics. We also assisted the Bay of Islands regatta to reduce waste.

**Clean up Events:** Our new MFE funded educator Roze has been promoting the Rawene clean-up and has facilitated discussions around how the collection point could be better managed by locals. We are hoping to run a clean-up in the near future, as well as creating local ownership maintaining a clean intersection to their town (as soon as we have the funding to gain current first aid certificates and enough local support has been gathered)

**Schools**: schools are out but we have visited some kindergartens, Doubtless Bay and Taipa River kids have run clean ups as well as classes where they created posters displaying what they had gathered from the beach. We have also been supporting schools by ensuring their worm population does not die out

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over summer, as it usually does, by visiting and feeding larger school worm farms. We have also been supporting schools as they gear up for the free lunches in school's program despite our advice to use reusable serve ware many are going for the largest provider approved by the MoE; which is utilising compostable packaging.

**Community**: The Matai Bay snorkelling day was supported by an EcoSolutions educator and an interactive display around microplastics in the ocean, as well as a beach clean-up. We have been getting ready for Waitangi Day, with an extra layer of organisation this year as we made upcycled facemasks for all volunteers and upcycled flags for each station to be more visible.

#### Online content:

For online information on Eco Solutions activities and posts please check out:

https://www.facebook.com/cbec.ecosolutions https://www.facebook.com/wastewiseschools

# SWIMMING POOLS

All three pools continue to be open for the 2020/21 Summer season. The Council has continued to provide financial support to the Ministry of Education owned pool at Northland College to ensure that the pool remains open including the Christmas Holiday period and at minimum, the first few weeks of the College returning back to normal.



Northland College Pool, Kaikohe

## Kaikohe Pool

A water exemption has been applied for to allow the pool to operate during water restrictions. Major Works carried out at Kaikohe this month:

• Replacement of the mains switch board which supplies the pool plant.

Planned works:

• Continue with the MOU renewal between Council and Northland College.

#### Kerikeri Pool

The community have continued to enjoy the Kerikeri High School Pool with nearly 6000 admissions over the January period.

A minor health and safety incident occurred due to one of the changing room doors. Kerikeri High School have indicated they have no budget available for repairs, but it should be addressed to prevent further injury. Hapori are working with a local joinery manufacturer to find a solution.

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Major Works carried out at Kerikeri this month:

• Filter baskets and lids for main pool installed by Tru Weld Engineering

Planned works:

- Repair or replace changing room door
- Pipe repairs within balance tank.
- Power socket not working on fence at end of main pool required for vacuuming pool deemed unsafe.
- Waiting on Engineers to fabricate new filter baskets and lids for main pool.

#### Kaitaia Pool

The staff are managing the pools water use well during L3 restrictions.

Hapori have posted on their website and local social media regarding attempted breaches of the child to supervising adult ratio. These cases have been dealt with by the lifeguards/pool management as they occur however it seems to be a worrying trend. Plenty of signage exists around the pools and customers are advised of the requirements on entry. Hapori intend to use their social media platforms to get the message across.

Maintenance Works carried out this month:

- Plumbers attended dive pool pump again, not dosing correctly.
- Changed pipe work to prime main pipe more efficiently.

Planned works:

• Chorine pump leaking – awaiting parts.

## ATTENDANCE NUMBERS

## KAITAIA SWIMMING POOL

	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	182	577	787	1404			
Concessions	144	541	845	984			
Under 5s	48	169	340	383			
Supers (Gold Card)	1	58	51	83			
Spectators	80	196	421	502			
Lane Hire	8	26	0	10			
Events	0	482	362	0			
Schools	93	381	1029	0			
Total	556	2430	3835	3283			

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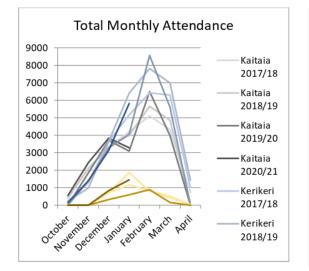
# KERIKERI SWIMMING POOL

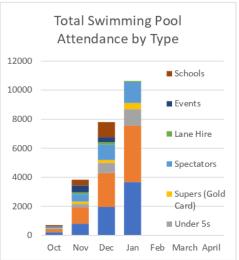
	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	36	221	865	1696			
Concessions	62	587	1206	2362			
Under 5s	10	71	234	599			
Supers (Gold Card)	13	106	133	312			
Spectators	27	329	535	784			
Lane Hire	0	85	160	62			
Events	0	0	0	0			
Schools	0	0	0	0			
Total	148	1399	3133	5815			

## KAIKOHE SWIMMING POOL

	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	NA	NA	310	572			
Concessions	NA	NA	290	537			
Under 5s	NA	NA	116	159			
Supers (Gold Card)	NA	NA	18	25			
Spectators	NA	NA	99	155			
Lane Hire	NA	NA	0	0			
Events	NA	NA	0	0			
Schools	NA	NA	0	0			
Total	NA	NA	833	1448			

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# POOL REVENUE (exclusive of GST)

## KAITAIA SWIMMING POOL – Income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$347.82	\$3272.00	\$4451.00	\$6142.59			
Pool Hire	\$330.00	\$3725.00	\$4545.00				
Shop	\$18.20	\$205.60	\$319.00	\$386.52			
TOTAL	\$696.02	\$7202.60	\$9315.00	\$6529.11			

## KERIKERI SWIMMING POOL – income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$268.00	\$2323.00	\$5575.00	\$8598.26			
Pool Hire		\$622.50	\$963.75	\$135.00			
Shop		\$54.00	\$83.00	\$137.00			
TOTAL	\$268	\$2999.50	\$6621.75	\$8870.66			

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#### KAIKOHE SWIMMING POOL - income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate			\$1517.00	\$2376.00			
Pool Hire							
Shop			\$12.00	\$18.26			
TOTAL			\$1529.00	\$2394.76			

#### TOTAL SWIMMING POOL INCOME

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
TOTAL	\$964.02	\$10,202.10	\$17,465.75	\$17,794.53			

# COMMUNITY / COUNCIL FACILITIES

#### Kohukohu Hall

As a result of work carried out previously that did not see the building envelope being secured and holes / access points sealed possums etc. have left a considerable mess inside the hall. As such, we have agreed to give the interior of the hall a special clean to remove animal faeces that is present around the top section of the hall walls etc.

#### Kaikohe HQ's

We continue to experience issues with possums in the roof cavity of headquarters. Staff have put mesh into areas where it is believed they may access the building however this will require on-going monitoring and inspecting.

Unfortunately, headquarters experienced a break-in late Thursday 28 January. As a result of this, the security cameras and security processes have been reviewed and improvements made to improve the response and images captured. Another consequence of this break-in was the need to change the locks and replace keys a number of other Council buildings as the main keys were held within the safe that was removed.

District Facilities staff and contractors have been busy in January assisting with the creation of the co-lab spaces in and around Kaikohe HQ's as part of Council's 'Great Workplaces' programme.

#### **Publications Building**

Renovation work was completed by District Facilities as required.

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# OCS Audits

LOCATION	Nov '20	Dec '20	Jan '21	Feb '21	Marc h '21	April '21	May '21	June '21	July '21	Comment
Kaikohe Headquarters - Lockwood	96.7	96.9	97.4							
Kaikohe Headquarters – Annex and upstairs	96.7	96.9	97.3							
Kaikohe Headquarters – Publications	96.7	96.9	92.1							
John Butler Centre – Level 2	97.6	97.6	97.5							
John Butler Centre – Level 1	98.2	97.6	98.2							
John Butler Centre – Ground floor	97.3	97.5	98.1							
Rawene Service Centre	3/M	NA	NA							
Kaeo Service Centre and Library	3/M	NA	98.2							
Procter Library	96.6	97.4	97.3							
Paihia Library	96.3	96.5	96.4							
Kaikohe Library	3/M	91.9	94.3							
Bay of Islands Information Centre	96.9	97.4	95.9							
Hokianga Information Centre	3/M	98.0	NA							

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# HOUSING FOR THE ELDERLY

Council own and maintain 147 Housing for the Elderly Units at 12 locations within the district. Unit information is as follows:

		Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
		2	0	1	3	1	0	1	2	2	0	0	1
# units vacated (received for refurbishing)	Northern:	Puckey Ave			Awanui, Oxford Street	Awanui		Puckey		Kohukohu			
# unit vacated (receivec efurbish	Western:				Ravene				Kaikohe, Rawene	Omapere			Waima
	Eastern:												
s		5	5	4	4	7	7	6	7	6	8	8	7
unit refurbishments progressing	Northern:					Awanui, Oxford St	Awanui (2), Oxford St	Awanui (2),Oxford St	Awanui (2), Oxford St, Puckey	Awanui (2), Oxford St, Puckey	Awanui (2), Oxford St, Kohukohu	Awanui (2), Oxford St, Kohukohu	Awanui (2), Oxford St
it refurbishm progressing	Western:	Waima Kaikohe (2) Rawene	Waima, Kaikohe	Waima Kaikohe (2)	Waima Kaikohe (2)	Kaikohe Rawene, Waima	Kaikohe (2), Rawene	Kaikohe (2)	Kaikohe (3)	Rawene, Kaikohe	Rawene, Kaikohe, Omapere	Rawene, Kaikohe (2), Omapere	Rawene, Kaikohe (2), Omapere
un #	Eastern:	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa					
		2	1	0	0	0	1	1	1	3	0	0	0
# units completed (returned foi tenanting)	Northern:	Puckey Ave	Oxford St							Puckey			
# com eturi tena	Western:	Rawene					Waima	Rawene		Kaikohe (2)			
	Eastern:								Kawakawa				

#### Kaikohe

Quotes have been received to convert a bath to an accessible shower due to gradual water damage to the bath surround - contractor will be engaged by end of Jan 2021.

## Kaitaia - Puckey Ave

MBIE Funding has been approved to re-seal the Puckey Ave Cal-de-sac. Scoping is currently underway for this work.

## Vacant Units

There are currently 15 vacant units. 8 of these vacancies are sitting with District Facilities as they require work while the remaining 7 are in the process of being inspected and / or tenanted.

# LEASES / AGREEMENTS

Jan-21	To do	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing
Western			Oporoni Statue Agreement	JAN: Opononi Bowling Club Lease (new)	JAN 21: BAD Lease - contact had and areas that need addressing to be progressed	
			JAN '21 Northland College - Swimming Pool MOU (renew)progressing	JAN: Hokianga Coastguard Lease (new)	JAN '21 Bawene Campus Lease with Te Puna o Kupenuku (potential lessee). New and needs to align to the MOU and clearly ID roles, responsibilities and liabilities ato.	
				JAN: Hokianga Treks		
	Kerikeri College - Swimming Pool MOU (reviev)	AUG '20: Russel Sports Trust Lease (reneval)	OCT '20 Cherry Park House - discussions underway to consider future structure of management committees (involves SP&P)	OCT '20: Rolands Wood - signed agreement received fron FORWT. Matter will proceed to the High Court to change over the Trust Deed.	ONGOING: Walls Bay (Doug Smuck)	JAN * 21: Whangaroa public toilet water supply agreement with the marina being negotiated.
	JAN '21: Bledisloe Domain Agreement - meeting organised with Waitangi National Trust CE in Feb '21:e future use and availability.	SEPT '20: Russell Tennis Club - contacted by Club - discussing need for a formal arrangement	AUG '19: Kawakawa Memorial Library Hall Lease (renewal?)		ONGOING: Kerkeri Sports Complex Lease (new)	
	NDV '20: Waipapa pubic toilet agreement (on hold)		NOV '20: Te Hue Bay Agreement to permit a pionic area and slipway to remain in place for use by the public. On hold until the new year.			
	NOV '20: Paihia Village Green: this years market on hold due to the impact of COVID and no cruise ship visits.					
	NCV '20 Cherry Fark House - discussions underway with EM's and staff to look at a future structure of management committees			Investigation: * TaurangaBay - water easement Agreement (new due to expiry)		
Northern	DEC '20: To HikuSports Hub land lease (meeting to be held)	JAN '20: Te Rarawa Rugby lease (new)	<b>ON HOLD (June):</b> Kataia Saturday Market Agreement (on hold)	JAN "20: St Johns Ambulance Ahipara Lease (renewal)	JAN '21: Vaiotaraire Feserve – publio toiletwatersupply agreement is progressing	JAN '21: APRI-UnahiWharfAgreement few more adjustments needed
	DEC '20: Mangonui Netball Club. Request to issue a new lease received however relates to the Te Hiku Sports Hub development (meeting to be held)	JAN '20: Hihi Community Centre Lease (new)	JAN '20: Te Kao - public toile: Agreement (new)	<b>JAN '20</b> : Te Kohanga Reo o Houhcra Lease (new)	<b>DEC '20:</b> FENZ Karikasi 28 Maitai Bay Road (Rob Koops)	
		NOV '20: Kaitaia Plunket Lease - new premises being sought as building found to be unsuitable and in need of major work.		FEB *20: Tumanako o Kaitaia Kohanga Reo Trust (new)		
Other	Far North Holdings - property agreement					
	SP&P to do: * Paihia Village Green Management Plan					

## Volunteer Agreements

Agreements have been sent out to several volunteer groups around the district to work on reserves and / or dune restoration. To date this includes Vision Kerikeri, Russell Landcare and the Kerikeri Walkways group.

Another group led by Ngati Kawa want to plant the Lily Pond Reserve along Waitangi River.

The Kaha Place Walkway Group are looking at installing a new walkway down to the Bay on Council land. This matter has been forwarded to the Asset Management team for consideration.

## Whangaroa public toilet water supply agreement

An agreement with the Whangaroa Marina to supply water to the public toilets has been sent for review and finalisation.

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# PPROVINCIAL GROWTH FUND (PGF) ROADING

# EXECUTIVE SUMMARY

In August of 2020 MBIE granted \$20.7 million to undertake works on three strategic roads in the Far North District. The projects are split in two, with Peria Road and Ngapipito Road combined into one package (Priority 1 Roads) and Ruapekapeka Road being the other. Planning commenced immediately, with early site investigation and testing setting the projects up for the best outcomes from the start.

The delivery milestones required to achieve the dates set out in the funding applications are very tight and will require some accelerated processes and innovative delivery methods. All three projects will be delivered with a staged programme; design for initial stages will allow earlier construction, with design of subsequent sections continuing concurrently. Early enabling works have set the project teams up well to achieve construction deadlines.

December has seen the first of five sections sealed and completed on Peria Road, with another soon to follow and the other sections at various stages of construction and enabling works.

Both Ruapekapeka and Ngapipito Roads have experienced delays in commencing physical works on site before Christmas, but they are now back on track, with Ruapekapeka underway and Ngapipito due to start in February.

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# SUMMARY - JANUARY

#### Peria Road

Peria Road is a 6.3km seal extension and associated works. It is being delivered through the existing NTA North Area Road Maintenance Contract by Fulton Hogan.

Good progress is being made onsite with construction works. Peria has been split into 5 sections, with staging of works on each section allowing multiple sections to be in construction at once (once enabling works on section one have been completed, that crew can move to section two and so on). All five sections are now under construction, with section 1 and 2 already sealed. The overlay in Section Three is imminent following completion of rock wall construction and other preparatory works. Clearing continued in Section Four, allowing drainage and rock wall construction to start and Section Five is being cleared.

Next month's activities for Peria Road will focus on continuing with pavement construction and sealing on the next sections, and drainage/earthworks on the latter sections.



Sealing in progress at Peria on Section 2



Construction of rock wall in Section 3.

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#### Overlay in Section 3.

#### Ngapipito Road

Ngapipito Road is a 5km seal extension and associated works. It is being delivered through the NTA South Area Road Maintenance Contract by Broadspectrum, now Ventia.

With the amount of work being undertaken in the 20/21 construction season, we highlighted design capacity as a risk early on in the project. Unfortunately, Ventia have experienced delays with completing the design phase and have slipped 2 months in their programme for commencing works. The design has now been submitted and is currently being reviewed and approved by NTA. Construction is programmed to start in February 2021.

#### Bridge upgrades

WSP have now completed the bridge investigation and assessment works. There are 21 bridges affected by this project. They have all been inspected and assessed by bridge engineers. Some of this investigation works required destructive testing (cutting sections of the bridge to establish reinforcing details etc.)

It is pleasing to note that only 6 bridges will require physical works to strength them to the HPMV standard for heavy truck movements.

The next stage is design work for the 6 bridges, followed by construction works.

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#### Ruapekapeka

For the Ruapekapeka Road project, we have engaged Ventia as the Early Contractor Involvement (ECI) supplier and delivery of Stage 1 construction through the South Area Maintenance Contract. The proposed delivery mechanism for the balance of the Ruapekapeka Road works is to utilise the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. The design is 90% complete, and the tender is expected to be released in March 2021.

#### Stage 1

After unforeseen delays with consenting and archaeological authority requirements prior to Christmas, we have now commenced work on site with earthworks and drainage underway. The archaeological authority has now been granted and required intensive consultation with Heritage New Zealand and DoC to reach an agreement on project outcomes.

The sealing of the section between Monument Road and the new memorial site at the British Camp site will be completed in March/April.

#### Stage 2

The proposed delivery mechanism for Stage 2 is to utilise the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction.

Design work has continued as planned on Stage 2, including the SH1 intersection improvements. The completion of stage 2 works by June 2021 was flagged early as a high risk of not achieving this milestone. This was highlighted again with MBIE representatives in December and they support the drafting of a variation to the funding agreement with a new completion date of December 2021.

## PROGRAMME OVERVIEW

The current programme aligns closely with the deliverables specified in the project agreements shown in the following tables. As detailed in the project summary we have programme slippage with Ngapipito and Ruapekapeka Roads.

The deliverables for Payment #1 were achieved for both projects, unlocking the first claim value of \$500k in August. Monthly claims are now processed through NZTA's TIO system.

Priority 1 Roads Programme Milestones											
Deliverable	Original Completion Date	Expected Completion Date	Status								
<ul> <li>Funding Agreement executed by both parties.</li> <li>Investigation and design underway.</li> <li>Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020.</li> </ul>	August 2020	Achieved									
<ul><li>ECI agreement in place</li><li>Stage 1 investigation and design complete</li></ul>	30 September 2020	Achieved									
Stage 2 design complete	31 December	30 April 2021									

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Priority 1 Roads Programme Milestones			
Deliverable	Original Completion Date	Expected Completion Date	Status
Stage 2 construction underway	2020		
Stage 2 construction complete	31 March 2021	30 November 2021	
<ul> <li>Final completion of surfacing MSQA reporting and monitoring paperwork</li> </ul>	30 June 2021	30 December 2021	

A Funding Agreement Variation has been requested from the Provincial Development Unit for the Priority 1 Roads project. The reason for the 6-month overall extension is due to the fact that we cannot undertake any earthworks, road pavement and sealing work during winter months, so these will have to be completed in the early part of the next construction season.

Ruapekapeka Road Programme Milestones			
Deliverable	Original Completion Date	Variation Completion Date	Status
<ul><li>Funding Agreement executed by both parties</li><li>Investigation and design underway</li></ul>	August 2020	Achieved	
<ul> <li>ECI agreement in place</li> <li>Stage 1 investigation and design complete</li> <li>Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020.</li> </ul>	30 September 2020	Achieved	

NOTE: Major earthworks for Stage 1 construction have been unable to start due to delays with consenting and archaeological authority requirements. The programme was already tight and this will put us a month behind, which will have a knock-on effect on the completion date.

<ul><li>Stage 1 construction complete</li><li>Stage 2 design complete</li><li>Stage 2 construction underway</li></ul>	31 December 2020	28 February 2021	
Stage 2 construction complete	31 March 2021	30 November 2021	
Final completion of surfacing	30 June 2021	30 December 2021	

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A Funding Agreement Variation has been approved by the Provincial Development Unit for the Ruapekapeka Road project. The reason for the 6-month overall extension is due to the fact that we cannot undertake any earthworks, road pavement and sealing work during winter months, so these will have to be completed in the early part of the next construction season.

# FINANCIAL OVERVIEW

Strategic Roads Road		
Contract	Paid to Date	Status
Northern Edge	\$18,829	Ongoing
Hoskin Civil	\$62,831	Ongoing
Northern Civil	\$3,995	Complete
WSP	\$170,154	Complete
Ventia (previously Broadspectrum)	\$21,234	Ongoing
Fulton Hogan	\$2,254,941	Ongoing
Rawene Consultants	\$412	Complete
Total	\$2,531,984	

🕨 Ruapekapeka Road		
Contract	Paid to Date	Status
Northern Edge	\$9,414	Ongoing
Hoskin Civil	\$83,328	Ongoing
Northern Civil	\$4,240	Ongoing

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🕨 Ruapekapeka Road		
Williamson Water	\$7,158	Ongoing
WSP	\$29,306	Complete
Geometria Ltd	\$2,420	Ongoing
Top Energy	\$1,100	Ongoing
Ventia (previously Broadspectrum)	\$341,670	Ongoing
Haigh Workman	\$72,175	Ongoing
Total	\$550,811	

# HEALTH AND SAFETY

On the morning of Friday 15<sup>th</sup> January, a Mangonui Transport Trailer tipped on the Peria Road site, while trailing metal on the inside of a bend. The trailer was able to be pulled back over with the digger on site. The incident resulted in vehicle damage but there were no injuries and an investigation is underway.

# KEY RISKS AND OPPORTUNITIES

At this early stage of the projects, the following programme risks have been identified and are being actively managed:

- The 175th anniversary commemoration in January 2021 was a very important and significant event. The project team made certain that our works didn't impact on this and it was a very successful and well attended event.
- The project agreement between Te Ruapekapeka Trust and Council has been agreed in principal. This agreement captures how we will work together and the terms of payment for cultural advice, cultural monitoring of works adjacent to the Pā site and input into the project design.
- The completion date for the Ruapekapeka Road project has been reassessed and is now
  programmed for December 2021. MBIE have approved this variation to the funding agreement.
- There were potentially up to 21 bridges across the strategic roads that could need significant strengthening works. Early and intensive investigation of these has identified that only 6 will require physical work to strengthen them. This has allowed commencement of bridge design works early in the programme to facilitate timely completion.

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# STAKEHOLDER COMMUNICATION

In the case of Ruapekapeka Road, there are a significant number of stakeholders involved with the scope of work near the Ruapekapeka Pā site and the proposed intersection improvements with respect to safety and tourism at State Highway 1. We continue to work closely with Te Ruapekapeka Pa Trust and have fortnightly meetings with representatives from the Trust.

Partners and stakeholders involved in these projects include;

- Iwi/Hapu Ngāti Hine, Ngāti Hau, Ngāti Manu and Te Kāpiti
- Te Ruapekapeka Trust
- DOC
- Geometra (Archaeological Specialists)
- Heritage NZ
- NZTA
- NRC
- Affected landowners

All stakeholders and affected parties are in full support of this project. The Te Ruapekapeka Trust also have funds approved to develop the Pā site and enhance the entrance to Ruapekapeka Road with a proposed Pou and Waharoa near the intersection of State Highway 1, so it is critical that we work closely together on these projects.

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# TE HIKU O TE IKA REVIATLISATION



# EXECUTIVE SUMMARY

The \$7M Te Hiku Revitalisation Project has been funded by the Shovel Ready Infrastructure Projects. This fund aims to provide an immediate boost to industries who have been greatly impacted by COVID-19.

This project consists of multiple smaller projects, including new shared paths, cultural art structures, playground and park improvements, streetscape works in Kaitaia, Awanui and Ahipara.

Overall, the project aims to provide:

- An immediate extra demand for design services for local / national consultants and surveyors, all of whom are facing reduced workloads due to Covid-19.
- Local suppliers concrete plants, quarries for aggregate material, building materials merchants, native wood for carving, local eco-sourced plants, design and signage suppliers for the info plaques and art pieces in the streetscapes and along the shared paths.
- A substantial portion of work in terms of size and cultural significance for the local iwi in the area, artists and carvers – Maori employment from local Iwi and apprentice artists and carvers.
- A wide range of construction work suiting local contractors and supply chains, local contractors are encouraged to employ unskilled workers to upskill – concrete layers, labour for plantings, labour to establish recreation equipment within open spaces, machinery operators, new apprentice concrete layers, engineering and designers for specific design of the cycle trail location etc.
- Continuity of work for council technical staff.

This scope of works has been funded with the expectation that the project be completed by June 2022.

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# SUMMARY - JANUARY

This project is largely being delivered by the community and guided by a local Project Working Group. Due to the reporting, programming and procurement requirements, it will be overseen by Kevin Hoskin, on behalf of FNDC. The reporting associated with Shovel Ready projects will be similar to that required for Provincial Growth Fund projects, although there is a greater level of detail required on a monthly basis for Shovel Ready Projects, to show progress against social outcomes and local economic benefits etc.

December has seen weekly meetings continue with the Project Working Group to better define the scope of work and programme to ensure the things that can be done early are being started early. Consultation, concept designs, cost estimates and survey work for all projects have been completed.

## PROGRAMME OVERVIEW

The current programme aligns closely with the deliverables specified in the project agreements shown in the following table.

The deliverables for Payment #1 were achieved, unlocking the first claim value of \$3.5m in November.

► Te Hiku O te Ika		
Deliverable	Completion Date	Status
• The agreement executed by both parties. Project is 'shovel ready'	30/10/2020	
• Surveying, detailed plans and preparation for works at Ahipara, Awanui and Kaitaia. Recipient to provide evidence to the Ministry that the previous instalment has been spent.	28/02/2021	
• Awanui carpark & playground underway Ahipara carpark & playground underway Recipient to provide evidence to the Ministry that the previous instalment has been spent and that the consent has been granted.	30/05/2021	
• Kaitaia Town square and market square complete Streetscaping completed Ahipara, Awanui and Kaitaia Pump park completed in Kaitaia and Ahipara Recipient to provide evidence to the Ministry that the previous instalment has been spent.	31/08/2021	
• Awanui carpark and playground completed Ahipara carpark and playground completed Cultural Art erected Awanui Jetty completed Ahipara walkways completed	30/11/2021	
All works completed and project finishes	30/06/2022	

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# **BROADER OUTCOMES**

This project is all about achieving Broader Outcomes for the Far North community, with aims for specific outcomes detailed in the following section. The project team have spent a significant amount of time undertaking consultation prior to the project starting to understand and manage expectations. There are also regular updates in the local newspaper.

#### Social Procurement

One of the biggest drivers for this project is achieving social procurement outcomes. All companies and individuals engaged to date are Northland based and are predominantly from the Far North. The project is still governed by FNDC's procurement policies, and threshold values for supplier selection are adhered to.

Continued management of social procurement processes will ensure these outcomes are achieved.

#### Local Iwi partnerships

The project working group includes local Kaumatua who liaise with local Iwi for creation of cultural art installations.

#### Displaced workers

Workers from both the tourism and forestry industries could be re-deployed to this project. The nature of employment to be created would be clearing of vegetation, driving of diggers and machinery that previous forestry or construction labourers could undertake. Preparation works for the shared paths and path formation could be undertaken by youth and previously unemployed persons that are being upskilled over the duration of this project.

#### Upskilling the local workforce

FNDC and the project team have set up an initiative to assist local, smaller contractors achieve Sitewise accreditation who don't currently meet this prequalification criteria. To date, 25 contractors have registered for this assistance. In addition to allowing them to work on this project, this accreditation will prequalify them for future continued work with FNDC. Through this process these contractors will be upskilled specifically in the Health and Safety at Work Act and their systems and processes will improve, resulting in safer workplaces.

As a continuation to this, contractors unfamiliar with FNDCs reporting and financial requirements will be coached to ensure their systems support timely payment of claims and accurate reporting.

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# CIVIL DEFENSE EMERGENCY MANAGEMENT

Providing leadership in reducing risk, being ready for, responding to and recovering from emergencies. recovering from emergencies. Page 85 of 177

# NATIONAL

The National Emergency Management Agency (NEMA) will be running the third New Zealand Emergency Management Assistance Team (NZ EMAT) training course from Sunday 28 February to Friday 12 March 2021 at Camp Wainui in Wainuiomata.

21 candidates will attend as part of the EMAT selection process, along with NEMA staff and New Zealand Defence Force (NZDF) personnel who will attend as course participants. Course delivery is a significant effort for NEMA and Fire and Emergency New Zealand (FENZ) over the two weeks with wider support from other agencies.

The establishment of NZ EMAT was the Government's response to the recommendations to establish a 'flyin team' in the Technical Advisory Group's 2018 report on better responses to natural disasters and other emergencies. To date, EMAT has been engaged on deployments assisting with West Coast flooding, Southland flooding and in support of the National Crisis Management Centre and Queenstown EOC's for COVID-19.

# NORTHLAND CDEM GROUP

**Civil Defence staff were requested to support Fire Emergency New Zealand** with welfare and public information management roles at three significant fires in the Far North District over the past two months. Significant fires threatening properties at Ahipara, Rawene and Pipiwai resulted in the evacuation of several homes and closed roads in all communities to ensure public safety.

In Ahipara, emergency shelters were arranged for the occupants of 40 homes at the Ahipara Rugby Club and Roma Marae until a safe return was authorised by Fire and Emergency New Zealand.

The fire at Rawene impacted the ferry service with residents on the south side unable to access the ferry due to the closure of Rawene road while fire containment was being undertaken.

Extreme drought conditions and what appears to be a fire started from a backyard rubbish fire has seen in excess of 180ha of young pines destroyed in the Pipiwai fire which will result in a long-term economic impact to the area.



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**Civil Defence officers are levering off recent emergency events** to encourage communities that have identified risks and would benefit from preplanning to develop or update community response plans to enhance community resilience. Community Meetings have been undertaken at Ahipara and Karikari Peninsula to review community response plans and promote community resilience.

**Due to Northland experiencing in 2020 one of the most severe droughts** on record, the Northland Civil Defence Emergency Management Group (CDEM) have developed in collaboration with agencies, organisations and stakeholders a Northland Drought Plan. The intent of the plan is to identify roles and responsibilities which can mitigate as much as possible. The impacts and response activities to water shortages in the region. The plan includes:

- The current NIWA weather outlook for the next three months
- Risks for the region associated to water shortages
- Triggers for drought emergency response by Northland CDEM
- Roles and responsibilities of agencies, organisations and stakeholders regarding water shortages
- A set of scenarios which identify possible tasks carried out by the responsible agencies, organisation or stakeholder in response to a drought.

Consultation has been undertaken with all parties included. Feedback has been received and the plan updated accordingly. With approval and input agencies, organisations and stakeholders a coordinated and coherent across agency readiness and response framework for a drought in Northland will be in place.

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TE TAI TOKERAU WORKER REDEPLOYMENT PACKAGE – MONTHLY REPORT





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Location and Region:	Te Tai Tokerau\Northland					
Contracted Amount:	\$9.32 million (Original) + \$4 million (Storm Variation)					
Report Date:	For the month ending 31 <sup>st</sup> January 2021					
Programme Outcomes:	<ul> <li>prioritise the employment of local workers displaced by the COVID economic crisis;</li> </ul>					
	<ul> <li>occur at pace, time being critical; and</li> <li>assist in meeting the social procurement objectives agreed between the parties</li> </ul>					

### 1. Project Updates

Provide description and analysis of actual against planned progress of each Project Element to show that the Project is occurring at pace.

#### **Completion Date Risk**

While majority of works are either complete or on track for completion by the end of February 2021, a delivery risk remains that not all will be physically completed by the programme completion date of 28<sup>th</sup> February, primarily as a result of delays resulting from either consenting of supply chain constraints.

Meeting is scheduled for Friday  $12^{th}$  February with MBIE representative to discuss mitigation / time extension options for specific identified activities.

Pro	oject Element	Details of progress
1.	Removal of self- seeded roadside trees	Funding item complete.
2.	Roading sightline improvements and vegetation clearance	Funding item complete.
3.	Roadside litter collection and clean-up	Funding item complete.
4.	Removal of known Roadside hazardous trees	FNDC – Work on this funding item now complete WDC – Large dangerous trees overhanging roadside have been sectionally removed (i.e. cut back to trunks by removal of branches) at multiple sites on Crows Nest Rd. Removal of exceptionally large trunks from roadside has commenced with new contract for local carrier and hiab. (Woof Contracting)
		KDC – Minimal work completed on this activity in January

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5.	Removal of self- seeded roadside trees	<ul> <li>FNDC - The spray contractor has also been spraying some of these trees so there has been a crossover over from noxious weeds and self-sown seedlings. The Northern Area have completed their programme on self-seeded while Southern Area have completed for Waimate North Road</li> <li>WDC – Works completed on One Tree Point Rd, Marsden Point Rd, McCathie Rd, Salle Rd, McEwan Rd, Takahiwai Rd and Riverside Dr (Tanekaha Dr – Clotworthy Cres / North side of</li> </ul>
		Rd Only) during January. <b>KDC –</b> Continuation of the removal and chipping of smaller scale self-seeded plants throughout the Waihue Road site over 10 days.
6.	Roadside litter collection and clean-up	<ul> <li>FNDC – minimal work completed in month with majority of program now completed.</li> <li>WDC – litter collection completed on sites where self-seeded roadside tree clearance was undertaken.</li> <li>KDC - During January the crew of two females removed 116 bags of rubbish from Trounson Park Road, Kaiwaka Mangawhai Road, Molesworth Drive, Aranga Coast Road, Mitiai Road. This makes a <i>total to 1062 bags of rubbish collected over past 5 months</i>.</li> </ul>
7.	Spot Spraying Noxious Weeds	<ul> <li>FNDC - Work on this funding item now complete</li> <li>WDC - Spraying completed during January at Mangakino Lane, Vinegar Hill Rd, Saleyards Rd, Riponui Rd, One Tree Point Rd, Marsden Point Rd, Marsden Bay Rd, McCathie Rd, Salle Rd, McEwan Rd, Takahiwai Rd, Salle Rd and Riverside Dr (Tanekaha Dr – Clotworthy Cres / North side of Rd Only)</li> <li>Audits completed of all MSD sites as requested. We have returned and spot sprayed any noxious regrowth or noxious plants missed initially.</li> <li>WDC Parks - Work on this funding item now complete</li> <li>KDC – No further work completed in January</li> </ul>
8.	Sight Rail Improvements (3# districts)	<ul> <li>FNDC - The Southern area completed work on two sites on Haruru Falls Rd (Northern area works all completed).</li> <li>WDC - 17 sites completed to date on Ngunguru Rd and Matapouri Rd and Whangarei Heads Rd. Further work on non-prioritised sites scheduled for February on Tutukaka Block Rd and Matapouri Rd. (Fulton Hogan have employed labour hire and traffic management from Traffix Manpower and T8).</li> <li>KDC - Work on this funding item now complete</li> </ul>
9.	Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	<ul> <li>Works are completed across the following sites:</li> <li>Mangawhai Community Park, Removal of large stand of Gum Trees / Wilding Pines, follow up pest plant treatment and stump grinding, mulching and preparation for revegetation, initial planting and revegetation.</li> <li>Mangawhai Park – Golf Course Area, Removal of Wilding Pines, Acacia and other pest Plant Species.</li> <li>Pou Tu o Te Rangi, Pest Plant Removal, clearance and implementation of pest plant plan and preparation for revegetation.</li> <li>Northern Wairoa Memorial Park, pest plant eradication through bush reserve area completed. Remediation of bush walking track.</li> <li>Kai-iwi Lakes – Taharoa Domain, area wide removal of pest plants and implementation of pest plant plan. – Focus on target species of Wilding Pines, Acacia, Pampas and Cotoneaster.</li> </ul>

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	Omana Road Reserve, Pest Plant Eradication.
	Mangarahu Rock Reserve, Pest Plant Eradication/Treatment.
	Work at the remaining sites listed below is scheduled to be completed in February:
	<ul> <li>Mangawhai Community Park, Reinstatement of shared tracks/walkways.</li> </ul>
	Mangawhai Community Park, Removal of large wilding pines in Thelma Road South.
	Kaiwaka/Oneriri intersection reserve clean-up.
10. WDC Parks - Vegetation clearance & clean ups	Funding item complete.
<ol> <li>FNDC Parks - Vegetation clearance &amp; clean ups</li> </ol>	Work carried out involving mainly cutting and stump poisoning of wattle and tobacco weed along riverside reserves in Kerikeri, Punakitere and coastal reserves at Te Haumi, Totara North and Ahipara.
12. NRC - Rivers & Beaches Vegetation clearance & clean ups	Funding item complete.
13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whg. Falls)	Funding item complete.
<ol> <li>New Footpaths (3# districts) missing links in existing urban network</li> </ol>	<ul> <li>Overall – Delivery remains aligned with planned construction schedules</li> <li>FNDC – Signal Station Road Footpath construction continued, all other footpaths physically complete (noting Donald Lane was removed from original programme due to insufficient budget.</li> <li>WDC – Construction is progressing on last section (2.5m shared path) on Ngunguru Rd, all other footpaths physically complete.</li> <li>KDC – Matakohe Shared path construction work completed – tidy up works remain.</li> </ul>
15. Accelerated Unsealed network grading program	<ul> <li>FNDC - The Wet Roll &amp; Grade (WRG) is progressing with following roads completed:</li> <li>Southern area: Rawhiti Road, Waikino Road, Waiare Road and Wharau Road.</li> <li>Northern area: All works complete</li> <li>WDC – No further works completed in January.</li> <li>KDC – No works undertaken during January.</li> </ul>
16. WDC Storm Response works	Storm Response scope activities have continued. 82% of total \$2m identified works has been completed as at 31 January 2021.

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								Monthly Progress
Work Type	0	iginal Total	Revi	ised Forecast	E	xpenditure	% Complete	e Comments
Stormwater, Waste & Drain	age S	569,808.98	Ş	523,465.93	Ş	523,465.93	100%	Work Completed
Parks	ş	780,941.25	ş	931,953.95	ş	639,488.49	69%	Expenditure overstated in December repor as a result of a duplicated transaction.
				505 105 10		170 111 11		Work to date has been completed at lower cost than originally estimated. Work associated with 11 of 21 activities has been completed with 1 further activities underway - remainder to complete in Coheneration
Roading - Priority 1 & 2	S	650, 333.99		586,435.42				February
	Ş	2,001,084.22	Ş	2,041,855.30	Ş	1,633,395.93	82%	
*Total ex 7. FNDC Storm Response works	Storm planne	ed as a resi	scop ult o	pe activities f resourcin	s ha g sl	ave contin hortages.	ued, altho	ugh progress is slower than originally
7. FNDC Storm	Storm planne	Response ed as a resi	scop ult o	pe activities f resourcin	s ha g sl 'ks	ave contin hortages. has been	ued, altho	
7. FNDC Storm	Storm planne 22% o	Response ed as a resi	scop ult o	pe activities f resourcin	s ha g sl ∙ks	ave contin hortages. has been	ued, altho	ugh progress is slower than originally
7. FNDC Storm Response works Work T	Storm planne 22% o	Response ed as a resu f total \$2m	scop ult o	oe activities f resourcin ntified wor Total	s ha g sl ks N co	ave contin hortages. has been Noerewa mponent	ued, althou completed Completed Value	ugh progress is slower than originally as at 31 January 2021.
7. FNDC Storm Response works Work T Morewalnitial Clean Up (re	Storm planne 22% o 22% o	Response ed as a resu f total \$2m ve)	scor ult o ide	oe activities f resourcin ntified wor Total	s ha g sl ks N co	ave contin hortages. has been Moerewa mponent 77,073.06	ued, althou completed Completed Value 5 77,073.06	ugh progress is slower than originally as at 31 January 2021. Comments
.7. FNDC Storm Response works	Storm planne 22% o 22% o	Response ed as a resu f total \$2m ve)	scor ult o ide	oe activities f resourcin ntified wor <u>Total</u> 77,073.06 113,779.06	s ha g sl rks <u>v</u> s s	Ave contin hortages. has been Moerewa mponent 77,073.06	ued, althou completed Value 5 77,073.06 5 113,779.06	ugh progress is slower than originally as at 31 January 2021. Comments Retrospective works - fully complete
7. FNDC Storm Response works Work T Morewalnitial Clean Up (re BSL Districtwide Flood Resp	Storm planne 22% o 22% o	Response ed as a resu f total \$2m ve)	scor ult o ide	De activities f resourcin ntified wor <u>Total</u> 77,073.06 113,779.06 351,906.78	s ha g sl rks \$ \$ \$ \$	Ave contin hortages. has been mponent 77,073.06	ued, althou completed <u>Value</u> 5 77,073.06 5 113,779.06 5 72,933.25	ugh progress is slower than originall as at 31 January 2021. Comments Retrospective works - fully complete Retrospective works - fully complete Work continues - potential delivery risk for
7. FNDC Storm Response works Work T Morewalnitial Clean Up (re BSL Districtwide Flood Resp Flood Protection Works	Storm planne 22% o vpe trospecti onse (ret	Response ed as a resu f total \$2m ve)	scop ult o i ide	te activities f resourcin ntified wor <u>Total</u> 77,073.06 113,779.06 351,906.78 550,735.00	s ha g sl rks N co S S S S	Ave contin hortages. has been mponent 77,073.06 - - - - - - - - - - - - - - - - - - -	ued, althou completed <u>Value</u> 5 77,073.06 5 113,779.06 5 72,933.25	ugh progress is slower than originally as at 31 January 2021. Comments Retrospective works - fully complete Retrospective works - fully complete Work continues - potential delivery risk for completion of all works by end of February Majority of works issued to contractors &
7. FNDC Storm Response works Work T Morewalnitial Clean Up (re BSL Districtwide Flood Resp Flood Protection Works Parks	Storm planne 22% o vpe trospecti onse (ret	Response ed as a resu f total \$2m ve)	scor ult o i ide	Total 77,073.06 113,779.06 351,906.78 550,735.00 50,101.25	s ha g sl rks v co s s s s s s s	Ave contin hortages. has been mponent 77,073.06 - - - - - - - - - - - - - - - - - - -	ued, althou completed Value 5 77,073.06 5 113,779.06 5 72,933.25 5 1,435.00	ugh progress is slower than originall as at 31 January 2021. Comments Retrospective works - fully complete Retrospective works - fully complete Work continues - potential delivery risk for completion of all works by end of February Majority of works issued to contractors &

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#### 2. Redeployment Outcomes

2.1 Please complete the following table for the number of people working to deliver the project in the current reporting period.

Project Element	Total People Working	Previously Unem ployed	Youth (15-24)	Māori	Pasifika	Women	Job type (Part Time/Full Time/ Contractor)
<ol> <li>Removal of known Road side hazardous trees</li> </ol>	19	0	6	7	0	1	Full Time Contractor
5. Removal of self-seeded roadside trees	20	2	7	9	1	1	Full Time Contractor
6. Roadside litter collection and clean-up	15	1	4	6	2	4	Full Time Fixed Term
7. Spot Spraying Noxious Weeds	5	1	1	3	0	1	Combination of Contractor staff & redeployed workers
<ol> <li>Sight Rail Improvements (3#districts)</li> </ol>	14	2	6	5	2	2	
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Iakes & Pou Tu o Te Rangi		4	2	6	0	2	6 x Part-time Working on elements of the Project.
11. Far North District Council Parks - Vegetation clearance & clean ups	3	2	0	2	1	0	Fulltime fixed term
14. New Footpaths (3# districts) missing links in existing urban network	35	9	7	21	1	2	Specialist contractor work supplimented by new employees where possible - Only those engaged during January are listed
15. Accelerated Unsealed network grading program	12	0	4	6	2	2	
Target	165	50	30%	45%	5%	20%	
Actual current month	133	21	37	65	9	15	Numbers reducing as programme nears completion
Peak Employment (October)	293	98	72	126	25	50	
Comparison to employment target of 165	+128	+48	44%	76%	15%	30%	

Note – As activities begin to reach completion the number of staff engaged on the programme are reducing, noting that where possible previously unemployed workers who were engaged through the programme are being retained for alternate works where possible.

## 2.2 Complete the following total jobs table, showing total current employed, previously employed and expected future jobs in the project.

Current jobs (this should be the same as Total People Working in the table above)	People previously but no longer employed on the project	Expected jobs in the future		
133	Unable to provide exact measure with number of commencements and completions across multiple activities	Limited additional jobs for remainder of programme. Intent is to retain employed staff for as long as funding allows (including redeploying across activities)		

2.3 Provide any additional narrative to explain the table or give other relevant information.

#### KDC Parks:

At the peak of the KDC Parks Vegetation clearance & clean ups work (September 2020), 43 people were actively involved in the works, with 23 of these being previously unemployed. Various elements have now been completed, with many workers being redeployed to other projects and work outside this package.

Throughout January 10 people continued to be employed as part of the current stages of works. The month was quieter due to reprogramming of works to avoid the peak use over the holiday season, particularly in the Mangawhai Community Park. Of the 10 employed in January, the majority will continue through to the close of project working on elements such as follow up pest plant treatment, remediation and reinstatement works.

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#### WDC Roading:

There is no longer anyone solely carrying out removal of self-seeded trees however there are jobs identified and entered into the Fulton Hogan system should further funding become available. Planning suggests the current team carrying out removal of dangerous pines would be ideal for a seamless transfer of skills.

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## 3. Supplier Diversity Outcomes

Please complete the following table for the number and value of each direct or sub-contract awarded to local, Māori and/or Pasifika-owned businesses during the current reporting period.

Name of business	Business type (Māori, Pasifika, local)	Contract type (direct, sub- contract)	Contract purpose (briefly describe)	Length of contract (months)	Total value of contract (\$) (Approx)	No. new employees (as a result of contract)
Johnson Contractors	Maori	Direct	Employ and supervise work of those	3.5	\$ 200,000	10
T8 Traffic Control Limited	Local	Sub-Contract	directly affected by Covid-19 Opportunity for local branch to grow and create new jobs. Contribution to contract purpose by providing Traffic Management	5 months	\$ 150,000	6
O'Rouke Contractors	Local	Sub-Contract	Mechanical and chain saw tree felling and mulching	1 month	\$ 137,000	1
Boss Logging	Maori	Sub-Contract	Mechanical and chain saw tree felling and mulching	2 months	\$ 275,000	1
Team Vegetation	Local	Sub-Contract	Gun spraying noxious weeds	2 months	\$ 150,000	1
Tag	Local	Sub-Contract	Noxious weed spraying and seedling control (FNDC & WDC)	5 months	\$ 70,000	2
Northern Tree Works	Local	Sub-Contract	Climbing to remove limbs and tree felling	2 months	\$ 110,000	0
Traffic Management Services	Maori (Waikato Head Office / Northland staff)	Sub-Contract	Traffic Control for Northland Tree Works	2	Included in NTW a mount	0
Top Energy	Local	Sub-Contract	Removing seedlings and tree felling	2 months	\$ 152,000	0
Allied Work Force (AWF)	Local	Sub-Contract	Labour hire for various activities	2 months	\$ 219,500	10+
North End Contractors	Local	Sub-Contract	Tree removal	5 months	\$ 350,000	3
Blackwell Contractors	Local	Sub-Contract	Sight-rail modifications	1 month	\$ 50,000	2
Traffix Manpower	Local	Sub-Contract	Sight-rail modifications	2 months	\$ 30,000	3
T8 Tree Services	Local	Direct contract	Traffic Management & Tree Work	3 months	\$ 920,000	3
Woofe Contracting	Local	Sub Contract	Cartage of Large tree trunks	2 months	\$ 50.000	2
Hauraki & Sons	Maori / Local	Sub-Contract	Full scope delivery – pathworks	2 months	\$ 150,000	5
Challenger Specialist Mowing	Local	Sub-Contract	Vegetation Removal – Self-seeded.	2 months	\$ 20,000	0
Te Hau Awhiowhio O Otangarei Trust	Maori Entity	Direct	Parks - Vegetation clearance & clean ups and Tikipunga cycleway	6 months	\$ 296,349	10
Northland Park Care (NPC)	Local	Direct	Cycleway construction & staff supervision	4 months	твс	0
Orang Otang Tree Trimmers / Kia Tupato	Local supported by Maori owned Traffic Management Company	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 399,325	8
Turf Tamer	Local	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 225,730	0
Te Roroa Group	Maori/Local Iwiowned business	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 304,109	11 (2 resigned
Nga Uri o Hau Settlement Trust	Maori/Local Iwiowned business	Direct	Supply and planting of plants for revegetation	2 month + follow up	\$ 119,608	4
Andrew Younger Contracting	Local	Direct	Preparation of a rea for removal of pest plants	1 month	\$ 44,108	0
Downer NZ / TEAM Vegetation	Local based (Downer) Local (TEAM Vegetation)	Direct (Downer) Subcontract (TEAM Veg)	Removal of pest plants within Kaipara Parks & WDC Roading	5 months	\$ 150,000	2
Waterway Specialists	Local – Mangawhai based	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 126,189	5
Babylon Coast Gardens	Local	Direct	Supply and planting of plants for revegetation	1 month	\$ 18,950	0
Asset Construction Ltd	Local – Mangawhai based	Direct	Reinstatement works with Parks following pest plant removal	2 months	\$ 225,000	3 (Part-time
Concrete Specialists	Local	Sub-Contract	FNDC Footpath works	2 weeks	\$ 30,000	2
Robotech	Local	Sub-Contract	FNDC Footpath works (mulching, clearing & disposing of green waste)	3 days	\$ 4,000	
Stonecraft	Local	Sub-Contract	FNDC Footpath works	1 month	\$ 162,800	0
Whangarei Paving	Maori Owned	Sub-Contract	WDC Footpath works	7 days	\$ 13,000	0
Mali Mali	Pasifika business	Sub-Contract	WDC Footpath works	1 month	\$ 15,000	0
Northend Contractors	Local	Sub-Contract	WDC Footpath works	1 month	\$ 30,000	0
Webb Contracting and	Local	Sub-Contract	FNDC Footpath works (culvert	1 week	\$ 7,000	1
Drainage	Local	Supcontract	installation)	TWEEK	\$ 5,004,668	55
			Percentage of total works co		48%	

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## 4. Social Procurement Objectives

Please provide details of achievements to date against your agreed social procurement objectives.

State your Social Procurement Objectives (as agreed within two weeks of contracting)	Show achievements to date against each of the Social Procurement Objectives	Provide additional narrative to show how tendering, procurement, employment and/or training arrangements are helping to achieve the Social Procurement Objectives, identifying any limitations or further support needed.
Targeted employment:	Refer to employment table – section 2.1	KDC Roading:
Employment targets that apply to the 165 workers employed: a. 45% Maori		<ul> <li>Hauraki and Sons has a new young work force that are developing a range of skills on the job through formal and informal training pathways.</li> </ul>
b. 5% Pasifika c. 20% Women		Currently Advertising permanent position for
d. 30% Youth (18–24 years)		engineering cadet.
Note – while the above add to 100%, employed workers may cover multiple categories and therefore not all engaged workers will come from these target groups.		
Of the 165 workers employed, at least 50 are to be 'new' (fixed term) roles for people displaced due to Covid-19 and still unemployed.		
Local (regional) businesses prioritised for employment:	Refer to Section 3 of report	KDC Parks:
40% of direct contract and sub-contract values will be awarded to businesses owned and operated by people who reside in the		<ul> <li>95% of work to date awarded to locally owned enterprises.</li> </ul>
region		<ul> <li>The willingness and availability of local businesses has aided in achieving almost double the targeted value in the works contracted to date.</li> </ul>
		Footpath works:
		<ul> <li>&gt;75% of works have been undertaken by local contractors.</li> </ul>
Maori and Pasifika enterprises prioritised for employment:	Refer to Section 3 of report	KDC Parks:
15% of the direct contract and sub-contract values will be awarded to Maori or Pasifika enterprises.		<ul> <li>Of the total value of contracts awarded to date, the value portion awarded Maori owned enterprises is over 33%.</li> </ul>
Skills and training delivered:	KDC Roading:	
Provide training relevant to the requirements pre/post and	• AWF organising TC training for new employee.	
throughout the project to ensure all staff are appropriately skilled, qualified, and safe in the workplace.	<ul> <li>All new T8 employees working towards level 4 national certificate in arboriculture.</li> </ul>	
Improved Conditions for Workers:		
All new employees will undergo pre-employment induction, by the Employer, in accordance with Approved Codes of Practice for Health and Safety for the relevant industry standards.	All workers have completed respective organisation induction and on-boarding training.	
Employers will provide a documented Health and Safety Management System that is effective and meets the requirements of the Health and Safety at Work Act 2015 and the associated Regulations and Codes of Practice.	Several opportunities being pursued for engaged redeployed workers to transition to full time employment.	
All new employees engaged on fixed term contracts shall receive renumeration consistent with industry standards for their skill level and experience.		
Environmental Responsibility:	WDC Roading	
Adoption of practices that enable the project to be delivered sustainably, include:	Discussions have been held with landowners and any requests will be met if beneficial to the	Firewood and mulch continue to be supplied local households.
<ul> <li>protecting or enhancing the local ecosystem and its indigenous biodiversity. This tree removal project is focussed on removing pest species trees including wilding Conifers, invasive Poplars and Willows</li> </ul>	operation.	Local Firewood merchant located to take large trunks unwanted by adjacent landowners.
• Actively seeking to minimise the carbon impact of project delivery, to support the transition to a net zero emissions	<ul> <li>KDC Parks:</li> <li>The works being undertaken by Orang Otang Tree Trimmers, includes mulching of tree</li> </ul>	<ul> <li>Arrangements in place with contractors have been focused on working collaboratively with community and other groups in order to reuse by-products</li> </ul>

- economy whenever practical.
- Minimising waste, re-using materials, and where possible incorporating the principles of the circular economy.
   Where possible tree debris will be chipped into mulch and felled trees (of appropriate size) will be made available to community groups for distribution.
- Build resilience back into areas of work following the removal of the pest trees, (where practical) native trees will be replanted.
- Tree Trimmers, includes mulching of tree waste for reuse as ground cover, recovering of gum stems for use as landscape edging, and possible recovery as firewood for community groups.
- The works undertaken by Turf Tamer involves a process of mechanically mulching in-situ which provides an initial ground cover prior to further treatment/revegetation.
- where possible.
- Open communication channels between contractor, KDC, and other stakeholder groups have been utilised to seek opportunities for re-use of byproducts and recycling where possible.

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## 5. Financials

Six milestone payment claims totaling \$11,930,500.26 have been claimed of MBIE to date:

otal	\$	12,393,667.11	\$	10,564,914.78	
17.FNDC Flood Damage repairs	\$	1,733,333.33	\$	447,791.16	Resource constraints are delaying completion oj identified works
16. WDC Flood Damage repairs	\$	1,733,333.33	\$	1,633,395.93	Parks component of expenditure was incorrect overstated in December report - now corrected
15. Accelerated Unsealed network grading program	\$	351,500.03	\$	174,500.00	
14.New Footpaths (3#districts) missing links in existing urban network	\$	1,425,000.11	\$	1,343,371.00	
12.Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	\$	200,000.00	\$	200,000.00	Works completed
11. Far North District Council Parks - Vegetation clearance & clean ups	\$	190,000.02	\$	167,120.69	
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	ş	380,000.03	Ş	600,000.00	Works completed
10. Whangarei District Council Parks - Vegetation clearance & clean ups	\$	190,000.01	s		
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	\$	1,520,000.00	s	1,340,085.00	Original Forecast was to have all works comple by the end of December 2020, however followi approval for completion date variation, elemen of the works were been reprogrammed to avoil the Christmas Holiday peak. The outstanding elements of the works will now be completed b the end of February.
8. Sight Rail Improvements (3# districts)	\$	190,000.01	\$	124,846.00	
7. Spot Spraying Noxious Weeds	\$	237,500.02	\$	285,297.00	
6. Roadside litter collection and clean-up	\$	446,500.03	\$	448,439.00	
5. Removal of self-seeded roadside trees	\$	826,500.06	\$	744,352.00	
<ol><li>Removal of known Road side hazardous trees</li></ol>	\$	1,710,000.13	\$	1,795,717.00	
3. Roadside litter collection and clean-up	\$	500,000.00	1		
2. Roading sightline improvements and vegetation clearance	s	460,000.00	s	1,260,000.00	Works completed
<ol> <li>Removal of self seeded roadside trees</li> </ol>	s	300,000.00	I 1		

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## 6. Forward Work Programme

Outline forward work to be completed in the next month (not required in the Final Report)

Project Element	Outline of Planned Work (for next month)
<ol> <li>Removal of self- seeded roadside trees</li> </ol>	Funding Item now completed.
2. Roading sightline improvements and vegetation clearance	Funding Item now completed.
<ol> <li>Roadside litter collection and clean-up</li> </ol>	Funding Item now completed.
<ol> <li>Removal of known Roadside hazardous trees</li> </ol>	<ul> <li>FNDC – Completed.</li> <li>WDC – Work programmed for completion at Russell Rd, Whananaki North Rd, Maungakaramea Rd, Mangapai Rd and Paparoa Rd.</li> <li>KDC – Komiti Road Norfolk Pine removal.</li> </ul>
<ol> <li>Removal of self- seeded roadside trees</li> </ol>	<ul> <li>FNDC – Pines, Wattles and small Totara on Wiroa Small poplars including a dead tree. Additional self -sown trees are programmed which will be completed if budget permits.</li> <li>WDC – Program is scattered across the network and will be completed in conjunction with the hazardous tree and noxious weeds spray program.</li> <li>KDC – Waihue Rd – Final tidy up mow, Omamari West Road.</li> </ul>
<ol> <li>Roadside litter collection and clean-up</li> </ol>	<ul> <li>FNDC – Completed to programme but may be a small budget surplus remaining that could allow further work to be undertaken.</li> <li>WDC – Finish off the tidy-up of Riverside Drive.</li> <li>KDC – Continue litter collection on Cove Rd, Mangawhai Rd and Tomarata Rd</li> </ul>
7. Spot Spraying Noxious Weeds	<ul> <li>KDC – Complete additional works at Walker Tce, Cove Road, Mangawhai Road, Black</li> <li>Swamp Road.</li> <li>FNDC + WDC (Roading &amp; Parks) – Works completed on this funding item</li> </ul>
8. Sight Rail Improvements (3# districts)	<ul> <li>FNDC – Haruru Fall Rd and Te Karauwha Parade to complete in the south and the North to complete Matauri Bay Rd, Wainui-Matauri Rd and Wainui Rds to continue as budget allows.</li> <li>WDC – Majority of work complete, some sites identified for completion if appropriate resources are available</li> <li>KDC – Works completed on this funding item</li> </ul>
9. Kaipara District Council Parks - Vegetation clearance & clean	Mangawhai Community Park, reinstatement, selected planting & revegetation, groundwork preparation for shared pathway, removal of large wilding pines on Thelma Road South.

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Project Element	Outline of Planned Work (for next month)
ups - Kai Iwi Lakes & Pou Tu o Te Rangi	Kaiwaka Parks & Reserve Area, pest plant removal. – Works were planned to be completed in early December, however, has been reprogrammed for completion in February to avoid the busy Christmas season.
10. Whangarei District Council Parks - Vegetation clearance & clean ups	Funding Item now completed.
11. Far North District Council Parks - Vegetation clearance & clean ups	Still to complete mulching projects in Kerikeri and follow up work in all areas to spray any new growth
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	Funding Item now completed.
13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	Funding Item now completed.
14.New Footpaths (3#	FNDC – Complete footpath construction on Signal Station Road.
districts) missing links in existing	WDC – Complete remaining key construction works at Ngunguru Rd
urban network	KDC – Final tidy up & reinstatement works on Matakohe path
	<b>All</b> – Undertake final site walkovers and issuing of Practical Completion Certificates (PCC's).
15. Accelerated	FNDC - Further roads have been identified and planned for February
Unsealed network grading program	WDC & KDC – No further work identified.
16. WDC Storm Response	Continuation of works identified in scope document provided to MBIE.
17. FNDC Storm Response	Continuation of works identified in scope document provided to MBIE.

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<b>7.</b> Risks/Issues/Opportunities (Any risks and/or issues arising or expected to arise, costs and mitigation)							
Funding Item(s)	Risks / Issues	Magnitude / Likelihood	Mitigation				
All	Failure to complete works within originally Contracted timeframes	Severe / High	Risk predominantly mitigated with MBIE approval of Contract Variation to extend Completion timeframe to new Completion date of 28/02/2021. Some remaining timeframe risks to be discussed with MBIE in early February				
All	Changes to Covid-19 Alert Levels	Severe / Moderate	Work programmes to be adapted to suit restrictions where possible. Contractor risk control plans in place				

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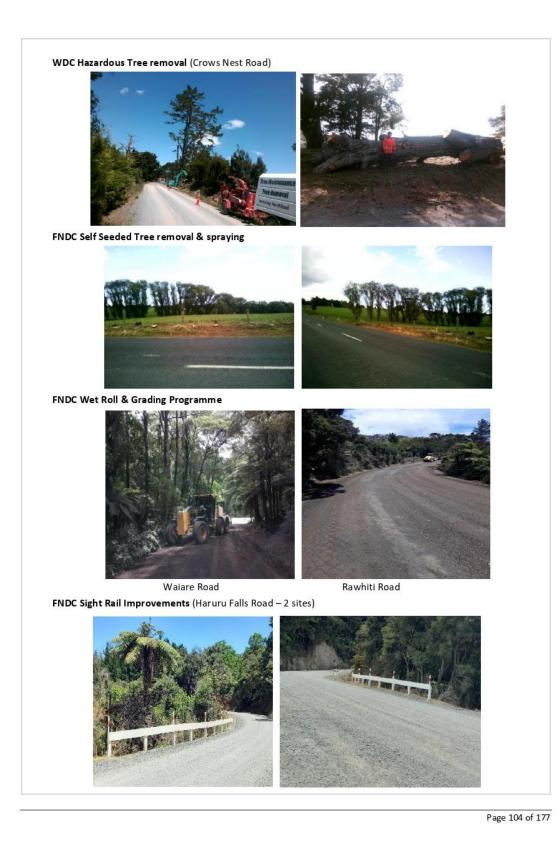
## 8. Communications

No specific Comms activities completed by partner organisations in January (one news article released by MBIE related to the programme).

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FNDC 20/21 CAPTIAL AND RENEWAL PROGRAMME UPDATED



## JANUARY UPDATE

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
125 - Footpath Maintenance	Footpath Renewal	Te Hiku Ward: Refer RAMM for list of sites.	43%	Construction	Commence/Continue construction	3	
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.	54%	Construction progressing	Construction progressing	3	
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.	22%	Horeke Footpath Renewal complete. Recommence remainder of programme Feb 2021.	Recommence construction	3	Cost exceeded budget for Signal Station Road and additional budget was used from Walking Facilities.
140 - Minor Events	General Maintenance	lwitaua Road RP 14005	100%	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Kohomaru Rd Mitigation Works - (Balance of Carry-over from 2019/20)	#DIV/0!	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Paponga Rd RP8886 Slip Remediation	96%	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Rawhiti Rd	#DIV/0!	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Waikare Road - various locations	0%	Work scheduled to start in Feb 2021	Start construction	3	
141 - Emergency Works	Resilience	Diggers Valley Rd	97%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	Fairburn Rd	98%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	West Coast Rd RP 9563	97%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	2018 EW surplus	#DIV/0!	2018 Emergency Works programme is complete.	n/a	3	Budget has been made surplus and condudes the 2018 EW programme
141 - Emergency Works	Resilience	PLACEHOLDER	0%	Residual budget will be surplus to requirements on completion of August 2019 Emergency Works Event programme.	Consider using surplus to investigate global slope stability of West Coast Road RP 9563.	2	Residual budget to be formally surplused and subsidy returned to NZTA.
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552	89%	Construction Complete	Defects period monitoring will end July/August 2021	3	
212 - Sealed Road Resurfacing	Sealing Chip seal	North region (CS - 31.4km, TAC - 0.632km)	54%	Sealing works in progress	Sealing works in progress	3	
212 - Sealed Road Resurfacing	Sealing Chip seal	South Region (CS -37.99km)	52%	works were held due to quarries unable to supply chip. Re- establishing Feb for completion end of March	Sealing works in progress	3	
213 - Drainage Renewals	Rehabs	programmed rehab sites	0%	Review and approval of designs	renewal of drainage asset.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Rehab design and investigation	0%	working on a tender for investigation and testing	working on a tender for investigation and testing	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Broadwood road	110%	Rehab Completed	Final walkover and maintenance completed Jan.	3	Close out of minor items. Note: Sealing without approval , compliant QA and subsequent provision of complying evidence to be provided by FH, Non Conformance Notice by 5/2/21.
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	5%	Enabling works well completed with clearance for width/drainage completed. Some pavement overlay commenced.	Pavement works will be completed in February once Pavement Design queries have been addressed and final design agreed and approved. Initial Pavement overlay works underway.	3	Design review undertaken in January, design queries for rectification sent to Ventia, awaiting revised information. Site is within a tidal marine area and will require close monitoring for environmental and also water influence into pavement during construction.
214 - Sealed Road pavement rehabilitation	Rehabs	OKAIHAU ROAD	98%	Site sealed and line-marked in December.	Sealing of driveways and widenings to be completed. Practical completion and snag walk-over to be completed by NTA in early February.	3	Follow up completion of driveway sealing and snag- list walk-over.
214 - Sealed Road pavement rehabilitation	Rehabs	PAWARENGA ROAD	47%	site 1/ Enabling and drainage works have been completed including a number of rock shoulder support walls. Shoulder undercuts and tie-in dig outs have been completed. Kerb and Channel replacement largely completed in January,	Site1. Pavement construction continuing in February with subbase treatment and pavement overlay works. Site 2/3. Pavement works will continue through February - Pavement Design has been agreed and approved.	3	Site 1. Note: Management of sub-base treatment quarantine may require attention to ensure conformance with design. Site 2/3. Continuation of the Pavement works (reduced length) approval granted mid-January. RP 5045 - 5820.

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Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
				along with commencement of pavement construction. Site2/3 Enabling and drainage works have been completed including a number of rock shoulder support walls. Shoulder undercuts and tie-in dig outs have been completed on Section 2 RP5045 - 5820. Overlay has been commenced on the approved section from RP5045 to 5820.			
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	103%	complete	DLP period	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Purerua Road	105%	Physical works complete, practical completion and snag list complete	final walkover	3	
214 - Sealed Road pavement rehabilitation	Rehabs	WAIMATENUI / MATARAUA ROAD	8%	That final approval to contract with the preferred tenderer for separable portion 1 is expected by Friday this week (5/2/21).	Enabling and drainage works start	3	Programme for sealing by end of March will be sought for SP1. Approval of SP2 by Infrastructure Committee will be required for inclusion in 21/22 programme.
214 - Sealed Road pavement rehabilitation	Rehabs	Contract management fixed cost.	58%			2	
215 - Structures Component Replacement	Bridge	Churtons Road Bridge C13	0%	Investigation and design in progress	Continue with Investigation and design	3	
215 - Structures Component Replacement	Bridge	Hihi Road Bridge F07	0%	Investigation and design in progress	Continue with Investigation and design	3	
215 - Structures Component Replacement	Bridge	Puhata road	0%	Matawherohia removed from project and added to Heavy bridge renewal works	Continue with Puhata designs	3	
215 - Structures Component Replacement	Bridge	Contingency for any overruns and testing, designing for next FY	0%			3	
215 - Structures Component Replacement	Bridge	General Bridge maintenance	0%	Finalising contract deliverables / commencing physical works	Continue with physical works	3	
215 - Structures Component Replacement	Bridge	Grove Road Bridge M28	48%	Tender Documents ready for next financial year's tendering.	Tender Documents ready for next financial year's tendering.	3	
215 - Structures Component Replacement	Bridge	Heavy Bridge Maintenance (Nth & Sth)	88%	Defects liability period for South. Scope for North 19/20 contract has been added to this year's General Bridge Contract 20/21.	Defects liability period for South.	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D42	16%	Site investigation and options report in Jan Feb. 2021	Site investigation and options report/Detailed design & documentation	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D47	16%	Site investigation and options report in Jan Feb. 2021	Site investigation and options report/Detailed design & documentation	3	
215 - Structures Component Replacement	Bridge	Kenana Road Culvert E94	0%	Site investigation and options report done and will be package with Grove Road Bridge M28	Site investigation and options report done and will be package with Grove Road Bridge M28	3	
215 - Structures Component Replacement	Bridge	Mangamuka Road Culvert H40	0%	Defects liability period (works delivered through the general bridge contract)	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Matai Bay Road Bridge CO3	8%	Site investigation and options report in Jan Feb. 2021	Site investigation and options report/Detailed design & documentation	3	
215 - Structures Component Replacement	Bridge	Scour protection (North and South)	154%	Defects liability period	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Scour protection across the network	4%	Finalising deliverables	Commencing physical works	3	
324 - Road Improvements	Lighting	District wide	97%	Complete	Complete	3	
341 - Low Cost Low Risk	Asso Improvements	Northern & Southern Area: Associated improvements on	71%	Works in Progress	Works in Progress	3	

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Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
		2020/21 pavement rehabilitation sites					
341 - Low Cost Low Risk	Bridge	Puhata Road Bridge D50 Replacement	0%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	Quarry Road (Awanui) Culvert B13 Replacement	0%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	WekaWeka Road Culvert J18 Replacement	0%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	Kaitaia-Awaroa Road Culvert D41 Replacement	24%	Site investigation and options report in Jan Feb. 2021	Site investigation and options report/Detailed design & documentation	3	
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	94%	Sealing of the approaches and practical completion	Final inspection / practical completion	3	
341 - Low Cost Low Risk	Bridge	West Coast Road G01	34%	Awaiting RC approval / Off-site superstructure construction	Finalising contract deliverables / Off- site superstructure construction	3	
341 - Low Cost Low Risk	Future designs	PLACEHOLDER for advance design of 21/22 projects	0%	Programme to be supplied	Programme to be supplied	2	Programme to be supplied
341 - Low Cost Low Risk	Lighting	Various District Roads	1%	Awaiting contractor to advise construction start date	Awaiting contractor to advise construction start date	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	0%	Contract awarded for construction works package	Commence construction works package	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln	0%	Contract awarded for construction works package	Commence construction works package	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - Dominion Road	0%	Contract awarded for construction works package	Commence construction works package	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue	0%	Contract awarded for construction works package	Commence construction works package	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd Rangikapiti Rd to Richmond Rd link	31%	Tender price received and is significantly higher than budget. CB endorses project deferral.	Review design and cost estimates in readiness for construction once forward work programme confirmed with CB.	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd to Rangikapiti Rd	25%	Tender price received and is significantly higher than budget. CB endorses project deferral.	Review design and cost estimates in readiness for construction once forward work programme confirmed with CB.	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: SH1 Harbour View Rd to private access	10%	Contract awarded for construction works package	Commence construction works package	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	10%	Contract awarded for construction works package	Commence construction works package	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Ped Bridge near Main St Bridge	0%	Revised concept design for geotechnical and structural work complete. Finalising consultant engagement for detailed design.	Start detailed geotechnical and structural design.	2	Cost likely to exceed budget and construction may b deferred due to extensive geotechnical and structura bridge investigations and co-ordination/consultation to work on a state highway during design stage.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	20%	Concept design option to reallocate state highway road space complete and initial acceptance of concept given by Waka Kotahi.	Start revised detailed design.	2	Cost likely to exceed budget and construction may b deferred due to scope change (design around Underslip) and Waka Kotahi formal approval require to reallocate state highway road space.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Te Taipui Rd to Matauri Bay School Link	18%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294- 330	4%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost		Kaikohe-Hokianga Ward:		Contract awarded for	Commence construction works		

341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound	16%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	9%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95	0%	Contract awarded for construction works package	Commence construction works package	3	

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Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Opononi Footpath - Waianga Place	0%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Taumataiwi St Opononi	7%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost Low Risk	New Footpath	North Park Drive - Whangatane Drive, Kaitaia	100%	Construction completed.	Defects period monitoring will end Aug/ Sep 2021	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	5%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost Low Risk	Resilience	Kaitaia Awaroa 26991 (c/o from 19/20 currently in construction)	63%	Construction largely complete but identified horizontal drains defect to be resolved.	Commence/Continue construction to remedy defects	3	
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387	3%	Stratagrid product now arrived so ready to start construction.	Commence construction	3	3 months delivery delay of stratagrid product but can still deliver project this fy (arrived 3/2/21)
341 - Low Cost Low Risk	Resilience	Taupo Bay Road RP 8816 & 9169	91%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Wainui Road RP 7200	89%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	West Coast Rd RP16005	101%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Long Beach Road RP 294	88%	Construction completed.	Issue Practical Completion certificate.	3	
341 - Low Cost Low Risk	Resilience	Panguru Road	102%	Continued with pavement stabilisation works and sealed section A and B. Continued discussion concerning additional scope for section C to increase embankment height (funded through NRC).	2 Driveway culverts to be upgraded and driveways sealed. Continue discussion/ agreement for additional scope for section C to increase embankment height (funded through NRC).	3	
341 - Low Cost Low Risk	Resilience	Sullivans Road	96%	Retaining wall construction completed	Planning for safety measures and storm water control	3	
341 - Low Cost Low Risk	Resilience	Waikare Road - mitigation contract	79%	Construction completed on original scope. More sites confirmed and work to commence in March 2021.	Construction Monitoring and Issue Practical Completion certificate in March 2021.	3	
341 - Low Cost Low Risk	Resilience	Wharekawa Rd RP 3633	92%	Construction completed.	Issue Practical Completion certificate.	3	
341 - Low Cost Low Risk	Resilience	Aucks Road RP2016	6%	Peer review is underway; Finalising design outputs	Complete geotechnical peer review and commission safety audit.	2	Unlikely to construct this fy.
341 - Low Cost Low Risk	Resilience	Beach Road RO400	8%	Geotechnical peer review of prelim design progressing.	Complete geotechnical peer review and commission safety audit.	2	Unlikely to construct this fy.
341 - Low Cost Low Risk	Resilience	Powell Road RP209	7%	Geotechnical peer review of prelim design progressing.	Complete geotechnical peer review, detailed design and commission safety audit.	2	Tender this fy pending confirmation of sufficient budget available.
341 - Low Cost Low Risk	Resilience	Powell Road RP92-169	5%	Finalising preliminary site investigation	Commission further survey, investigation and temporary pavement repairs	2	Unlikely to construct this fy.
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Construction completed.	Defects period will end November 2021	3	
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Construction completed.	Defects period will end November 2021	3	
341 - Low Cost Low Risk	Safety	Long Beach Road improvement	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Panorama Ln Improvements	100%	Design input complete	No further work/input required.	3	
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	86%	Reinspected sealed sections prior to line marking. Final measure-up and issue completion certificate. Project Complete.	Defects period will end November 2021	3	
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc- Ohaewai (Te AhuAhu & Old Bay Roads)	74%	Construction completed.	Do PACE score	3	
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	67%	Construction completed.	Do PACE score	3	

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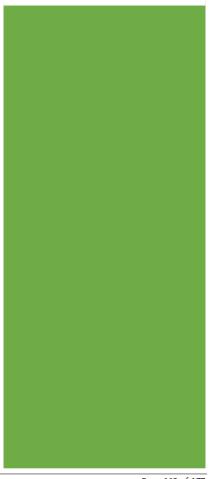
Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	101%	Construction completed.	Do PACE score	3	
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	120%	Construction completed.	Do PACE score	3	
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SHJ, SH10 and the Mungamuka's	7%	Signages manufacturing and construction/ installation are underway	Continue manufacturing and installation of signs	3	Construction delayed 1 month due to contractor resource problems. Construction reforecast to complete by end Feb.
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	69%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017	35%	Enabling works well progressed with clearance for width/drainage completed. Culvert replacements in progress along with construction of the two large rock shoulder support walls.	Completion of drainage works, and small rock wall to be completed in early February, followed by commencement of pavement work	3	Silver Pavement Design Option slightly exceeds available budget, review to be completed with NTA team for approval early February.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	16%	Enabling works (drainage/clearance) largely completed in January along with the commencement of construction of the concrete edge support beams for guard- rail	Pavement works to commence in February.	3	The overall estimate exceeds the allocation, this will be monitored as there are opportunities to reduce cost. (also PS items). Private watermain under the carriageway is a risk, although the depth of pipe is currently 900mm. Comms are underway with asset owners.
341 - Low Cost Low Risk		Hobson Ave Ped Crossing	2%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk		Keith Kent 20/21 & 21/22 projects. Roadside Barriers (Guardrails) and Associated Improvements	4%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Construction Management Plans being prepared by Ventia. Physical works programmed to commence 22 February 2021.	3	No significant risks concerning non or partial delivery.
341 - Low Cost Low Risk		Keith Kent 20/21 & 21/22 projects. Audible Tactile Profile/Structural Road Markings (HRRR WC341)	0%	Project added to programme November 2020 for delivery through safety team. Updates pending.	FNDC approval to award contract. Award contract.	3	No significant risks concerning non or partial delivery.
341 - Low Cost Low Risk		Keith Kent 20/21 & 21/22 projects. Ped & Cycle Traffic Calming Improvements	28%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	84%	Engaged with the contractor to start Pou installations. Programmed works for April 2021.	Engaged with the contractor to start Pou installations. Programmed works for April 2021.	3	
Footpath Renewal Unsubsidised	Footpath Renewal	SH12 Opononi	56%	All issues resolved for construction to restart.	Recommence construction	3	
New Footpaths - Unsubsidised	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	0%	Contract awarded for construction works package	Commence construction works package	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
New Footpaths - Unsubsidised	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	18%	Concept design option to reallocate state highway road space complete and initial acceptance of concept given by Waka Kotahi.	Start revised detailed design.	2	Cost likely to exceed budget and construction may be deferred due to scope change (design around Underslip) and NZTA approval required to reallocate state highway road space.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	0%	Contract awarded for construction works package	Commence construction works package	3	
New Footpaths - Unsubsidised	New Footpath	Long Beach Road footpath corner to carpark-Russell	100%	Complete	Complete	3	
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward:Placeholder - Community Board to advise	0%			1	No additional projects approved by the CB. Consider using budget to pay for any cost overuns on approved new footpath projects in Kaikohe-Hokianga ward if this eventuates.
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	118%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	137%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	164%	Complete	Complete	3	
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	100%	Construction completed.	Defects period ends Oct 2021	3	

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Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	65%	Construction is underway	Complete all construction works	3	
Resilience - Unsubsidised	Resilience	Panguru Road	0%	Discussion with Regional Council to fund stage C	Confirm the proposed funding agreement and start construction if approved	2	
Seal Extension - Unsubsidised	Seal Extension	Balance of carry-over amount from 19/20	0%			2	Programme to be supplied and budget to be confirmed
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380	79%	Site complete	Practical completion and snag walk- over to be completed by NTA in early February.	3	Follow up with Ventia regarding completion of removal of Totara branch.
Seal Extension - Unsubsidised	Seal Extension	Puketi Rd RP 0 - 1000	73%	Site complete	Practical completion and snag walk- over to be completed by NTA in early February.	3	Need to follow up status of the mentioned drainage issues with Stu.
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road	3%	Drainage (Culvert) works will continued in February, pavement construction expected to commence.	Drainage (Rip Rap and Culvert) works to be completed in February along with commencement of Pavement overlay works.	3	DRAINAGE: Historic drainage discharge issues to remedy. NTA/Ventia currently investigating alternative drainage discharge arrangements and solution being treated as URGENT. STOCK UNDERPASS: managed by the property owner. The design of this is still underway and construction may not meet the required timeframes. Note: Other works can continue whilst a solution is being sought. Site meetings have been held with the landowner to provide support/guidance and assist with information to expedite. Contingency will be to continue with the construction of the remainder of the site and possibly apply a temporary seal/treatment at the location of the stock underpass if the landowner fails to meet programme.
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	81%	Construction completed.	Defects period ends Sep 2021	3	
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	38%	chip seal portion complete - AC to be completed in Feb/Mar	chip seal portion complete - AC to be completed in Feb/Mar	3	
Walking Facilities - Unsubsidised	New Footpath	Contingency	0%	Contingency for New Footpaths programme. Cost exceeded budget for Signal Station Road and additional budget was used from Walking Facilities.	Refer Signal Station Road updates	3	

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2021-24 NATIONAL LAND TRANSPORT PROGRAMME (NLTP) INVESTMENT SIGNALS – NOVEMBER 2020 WAKA KOTAHI NZ TRANSPORT AGENCY



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#### A successful 2021–24 NLTP:

- **delivers** on the Government's transport priorities
- invests in a multi-modal land transport system that is safer, more accessible, and that reduces harm to people and the environment
- supports the government's COVID-19 recovery programme
- provides the platform for future investment in the land transport system.

#### Context - constraints and environment

- The government's strategic priorities in the Government Policy Statement on land transport 2021 (GPS) are safety, better travel options, improving freight connections and climate change.•
- There will be an ongoing focus on maintaining the transport system at acceptable levels of service (our base), taking account of these strategic priorities. This will account for a large proportion of available revenue.
- New investment above this base will be strongly driven by the strategic priorities. The GPS 2021 also sets investment expectations for the four Government Commitment programmes:
  - o Auckland Transport Alignment Project (ATAP)
  - Let's Get Wellington Moving (LGWM)
  - o the Road to Zero safety strategy
  - the New Zealand Rail Plan.
- The GPS 2021 has set minimum expenditure targets for each activity class which, when summed, are close to the current forecast revenue for the National Land Transport Fund (NLTF) during 2021–24. The lower limits for all 11 activity classes require minimum expenditure of \$12.9 billion from a forecast revenue of \$13 billion.
- Forecast revenue is based on there being no further Alert Level 3 or 4 COVID-19 lockdowns. As with an NLTP, there are a number of challenges and we will need to juggle priorities to give effect to the GPS and deliver the best outcomes for New Zealand.
- More than 90% of anticipated revenue from the NLTF for the 2021–24 NLTP will be required to meet
  existing commitments for projects underway and for continuous programmes to maintain existing
  levels of service. Unless revenue is higher than forecast, there will be constraints on funding new
  improvement projects and investment in activity classes would be mostly around the lower limit in
  the GPS range.
- We recognise some activity classes, such as state highway and local road maintenance and public transport services are likely to require greater investment than the bottom of the activity class range.
- Activity classes where additional investment capacity is available are the new Public Transport Infrastructure, Coastal Shipping and Road to Zero activity classes - where forecast commitments is less than the lower range for each activity class.
- Funding at a higher point within the GPS 2021 activity class ranges would require additional revenue and we are working with the Ministry of Transport to identify what alternative revenue sources may be able to be accessed.

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- Overall, investment in the land transport system across Crown funding, local share and the NLTF, is expected to increase from \$18.5 billion in 2018–21 to more than \$20.8 billion in 2021–24.
- There is a significant programme of work underway the Government has already committed Crown funding to one of the largest ever land transport infrastructure programmes.

#### Commitments - what's already committed in the 2021-24 NLTP?

- More than 90% of anticipated revenue from the NLTF will be required to meet existing commitments for projects underway and for continuous programmes to maintain existing levels of service in the 2021–24 NLTP.
- We will need to prioritise projects to deliver on the GPS strategic priorities and investment expectations over and above these commitments there will need to be trade-offs.

#### Signals – our investment priorities

Our job, working with our investment and delivery partners, is to give effect to the GPS while taking into account Regional Land Transport Plans. This means optimising investment to deliver the results sought under the GPS strategic priorities.

- Safety developing a transport system where no-one is killed or seriously injured.
  - $\circ$  developing and implementing speed management plans throughout New Zealand.
  - delivering infrastructure improvements and speed management at the highest risk areas of the state highway and local road network.
  - o increasing the emphasis on maintenance activities that deliver high safety outcomes.
  - ensuring local road safety promotion aligns with the nationally delivered advertising and education programme.
  - expanding the safety camera network and investing in road policing.
- Better travel options providing people with better transport options to access social and economic opportunities.
  - delivering on the government commitments in the urban areas of Auckland and Wellington investing in ATAP and LGWM.
  - focusing on delivering mode shift in the other four high-growth urban areas, Queenstown, Christchurch, Hamilton and Tauranga.
  - improving transport options for people who face barriers to access, e.g. those who are living in poverty or with disability.
- Climate change developing a low carbon transport system that supports emission reductions, while improving safety and inclusive access.
  - delivering on the government commitments in the urban areas of Auckland and Wellington investing in ATAP and LGWM.
  - managing demand e.g. by prioritising shared and active modes at peak times, use of pricing tools, and through good urban form – to reduce greenhouse gas emissions.
  - investing in active and shared modes walking and cycling, public transport infrastructure and services, and other shared services – to get more people out of their cars.

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- ensuring our investment accounts for climate change impacts (in relation to both mitigation and adaptation) when designing solutions.
- investing in measures that reduce the impacts of transport on people (from noise and air pollution) and the environment.
- $\circ \quad \text{improving freight connections} \text{improving freight connections for economic development}.$
- investing in the heavy rail network to enable KiwiRail to deliver the Rail Network Investment Programme.
- o championing freight efficiency by ensuring our networks are reliable and resilient.
- researching options to increase the role of coastal shipping in supporting the efficient movement of freight.

## Developing Regional Land Transport Plans (RLTPs)

We'll look for RLTP programmes to:

- be outcomes-based, supported by clear investment objectives, benefit measures and metrics
- show a good understanding of how your performance is benchmarked against other councils
- indicate how you're applying a whole-of-system approach and making the most of the existing network
- show value for money
- align with investment priorities using the Business Case Approach
- be developed in partnership with the wider transport sector within and across regions
- reflect iwi engagement/input.

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# VENTIA – CONTRACT 7/18/101 ROAD MAINTENANCE AND RENEWALS -MONTHLY REPORT



## EXECUTIVE SUMMARY

After a well-earned break over Christmas apart from a couple of satellite crews on patrol the team got back into it in January with a full belly and a tan for good measure.

The renewals programme is tracking along well with Horeke Rd due to be sealed in early February along with the Motukiore Rd dust seal outside the Marae. This completes the dust seal programme for the season.

Koropewa Rd enabling works continued along nicely with a pavement crew commencing on site on 5<sup>th</sup> February. Pungaere Rd seal extension water tabling and rip rap installation is currently in progress and once the crew has sealed Horeke Rd the pavement overlay will start at the sealed end of the site working towards the forest over the next two months.

Ruapekapeka Rd - The Provincial Development Unit funded site got underway on  $18_{th}$  January with the widening up by the unmarked grave being done just in time for the  $175_{th}$  anniversary on  $3_{rd}$  February. The clean fill site has been prepared and widening works to continue in February.

Our routine teams are playing catch up after the inspectors worked through xmas and are getting on top of the response times which need improving. We have a new maintenance team structure that will ensure more focus on the response time which includes Jaco, Doug and Mekael.

There is potential that with the fire ban in place and conditions becoming riskier for mowing that we may have to put a hold on horizontal mowing shortly. We will be continuing until fire and emergency make the final call. We are mowing using caution and ensuring the roads being mowed are not near large bush blocks for example.

Flood remediation works were completed on Otiria Rd/Ngapipito Rd with some excellent looking deep water tables and culvert

crossings completed. The old fuel stop rest area is looking very tidy as well.

Footpath replacement and widening completed on Snowdon Ave with the crew moving onto State Highway 1 footpaths now.

I don't like finishing a summary off on a negative, but we have still got a sign vandal on the loose that is costing us as rate payers a lot of money.



Employee of the year Wiremu (Pokai) Parangi. Awarded at our Christmas Function

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#### WORK PROGRAMME

A total of 1265 individual work items were completed throughout the month of January which 736 were routine find and fix issues, 418 were cyclic or part of annual rounds, 73 were programmed works, 2 were renewals/capital projects, and 36 were callouts or emergency response works.

February 2021 forward works programme has been submitted in RAMM.

#### ROUTINE WORKS COMPLETED

Routine maintenance activities completed in January:

- 173 sealed potholes repaired
- 543 unsealed potholes repaired
- 158 km of unsealed roads graded equating to 19% of the total unsealed network.

#### DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in January:

- 157 Culvert ends cleared
- 249m of heavy water tabling
- Om Culvert pipes replaced/new



Kelly Rd - Routine Culvert Clearing

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## ROUTINE INSPECTION REPORT

Sealed - There are currently 0 sealed inspections running overdue.
Unsealed - There are currently 0 un-sealed inspections running overdue.
Drainage - There are currently 68 drainage inspections running overdue.

#### ORDERED WORKS

- 7.2m<sup>2</sup> of footpath replacement/renewal was completed in January.
- 0 m<sup>3</sup> of maintenance metal was applied to the unsealed network.

Footpath: Snowdon Ave was completed and SH1 works started in January. The team will then be moving onto Parnell St in Rawene next.





Tactile and footpath installation underway on Otiria Rd, Moerewa

Footpath Vegetation Removal





Jacaranda Place, Kerikeri – Before and After photo of footpath vegetation removal.

Dust Seals: Motukiore Rd past the Marae was overlayed and stabilised in January with sealing booked as the

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last piece of the puzzle for Friday 5th February.

#### ROAD FURNITURE ACTIVITY

- 26 new signs installed or replaced (damaged or missing)
- 6 signposts replaced
- 28 signs re-re-erected or straightened



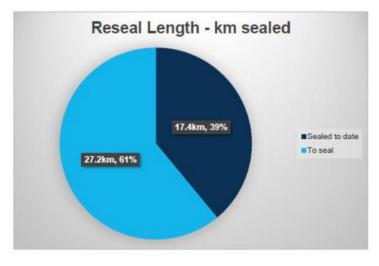
Kerikeri Inlet Rd - Vandalism - Before and after. Note post has been cut with a saw.

## STRUCTURES

• 34m Rail barrier renewal

#### RESEALS

The reseals programme recommenced on 2<sup>nd</sup> February. We are targeting completion of the programme by end of February.



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## PAVEMENT REHABILITATIONS

#### Horeke Rd – RP11570 - 12580

Physical Works – Overlay aggregate placed in January and stabilised before chip sealing in early February. This is booked in for Friday 5/2/21. Followed by linemarking and edge marker posts Target Completion – 10/2/21

#### Seal Extensions

#### Koropewa Rd – RP15 – 1833

Physical Works – Enabling works nearing completion. Headwalls currently being constructed over culverts. Pavement crew commencing on 5/2/21



Target Completion – 30/3/21 – This date has moved back a month due to earthworks and water tabling turning out to be more complicated than originally planned. Still on track to complete before end of March.

#### Pungaere Rd – RP8820 - 12410

Design – 100% completed, presented Physical Works – Enabling works nearing completion with pavement crew commencing 5/2/21 like Koropewa Rd Target Completion – 30/3/21

#### Ngapipito Rd – RP3500 - 8435

Test Results – Received Survey – 100% complete Design – 90% complete. Final survey data sent to designer. Report to be sent in the first week post Xmas break. Physical Works – Commencing in February Target Completion – 31/4/21

#### Ruapekapeka Rd – RP4500 – 5800

Widening works commenced on site along with culvert installation and clean fill site preparation on 18/1/21. February will involve the widening and batters being cut back to start pavement overlay and stabilisation by end of March at this stage.

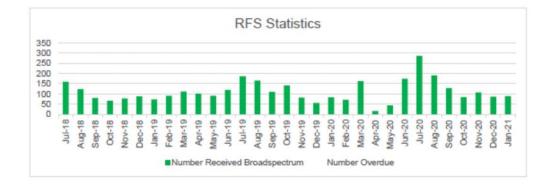
#### ROAD ACCIDENT REPORT

No road accidents to report this month.

#### CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for January were available at the time of this report. Ventia received 89 service requests during January and had 0 overdue. The below graph shows the number of RFS's received by our branch each month during the NTA contract and any overdue.

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#### COMPLIMENTS

We received the following compliments in January:

1) RE: Otiria Rd culvert and watertable upgrades completed in January.

Kia ora Jamie

It was awesome to meet you yesterday, and I just really wanted to express how humbled I am with the work that your has done one the new driveway (I love it) and even the fill they put into the land from the drains (totally love that work). The crew's

attitude has been one that I can truly say is PROUD, this can been seen in the level of work undertaken.

The crew has also been mindful, respectful and considerate when on site to leave it in a clean state without rubbish, I really appreciate this.

Once again thanks so much.

Nga mihi

Pamela-Anne

3) RE: Kiwi Sing installation for the Rangitane Residents

Hi Jamie,

The kiwi signs are fantastic, thank you so much!

Cheers Dean

#### **RAMM ISSUES**

No RAMM issues in January.

### HEALTH AND SAFETY

In late January we had our first LTI in nearly 9 years. One of our long-term Allied Workforce staff members was walking along the shoulder on Pungaere Rd and rolled their ankle. Sprained her ankle and required time



Watch out for Kiwi! New signs installed

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off work to recover. Back at work on 5/2/21. Report attached for more information.

## ENVIRONMENT

In January we had no notifiable incidents to report.

#### ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

Routine and cyclic rounds start at the financial year.

Biennial Painting of All Rails	0% completed
Biennial Parapet Painting of Bridges	0% completed
Annual Cleaning of EMP's	0% completed
Annual Sucking of All Sumps	0% completed
Biannual sweeping	0% completed
Urban Vegetation Spraying	46% completed
Rural Vegetation Spraying	49% completed

#### COMMUNITY ENGAGEMENT

Jash and Jaco were the first on the scene on SH10 for a SUV fire. They managed to disconnect the boat and help unload the boot of the car while trying to extinguish the fire. Unfortunately, the fire won the battle but the boat owner was relieved and thanked the guys.





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FULTON HOGAN -NORTH AREA MAINTENANCE NETWORK CONTRACT 7/18/100 MONTHLY REPORT



# ROUTINE INSPECTION REPORT - JANUARY (Completed)

Dispatch ID	Road	Start	End	Fault
16158	QUARRY ROAD (AWANUI)	381 4		Sign replace - Damaged all others (ea)
19454	TAUMATA ROAD	216 9		Sign replace - Damaged PWs (ea) R
20994	AWAROA ROAD	909 5		Sign installation - New sign (ea)
24967	RUNARUNA ROAD	357 0	358 3	Culvert renewal - Inadequate/damaged (m)
26177	KAITAIA-AWAROA ROAD	617 6	621 6	Stabilise - Deformation (m2)
26181	KAITAIA-AWAROA ROAD	263 91	264 14	Stabilise - Deformation (m2)
26182	KAITAIA-AWAROA ROAD	264 4	264 24	Stabilise - Deformation (m2)
26183	KAITAIA-AWAROA ROAD	265 10	265 22	Stabilise - Deformation (m2)
26184	KAITAIA-AWAROA ROAD	265 40	265 65	Stabilise - Deformation (m2)
26185	KAITAIA-AWAROA ROAD	268 13	268 28	Stabilise - Deformation (m2)
26186	KAITAIA-AWAROA ROAD	266 92	267 16	Stabilise - Deformation (m2)
26188	KAITAIA-AWAROA ROAD	271 40	271 57	Stabilise - Deformation (m2)
26189	KAITAIA-AWAROA ROAD	272 58	272 75	Stabilise - Deformation (m2)
26278	KAITAIA-AWAROA ROAD	119 6	119 23	Stabilise - Deformation (m2)
26279	KAITAIA-AWAROA ROAD	119 13	119 18	Stabilise - Deformation (m2)
26280	KAITAIA-AWAROA ROAD	120 26	120 42	Stabilise - Deformation (m2)
26281	KAITAIA-AWAROA ROAD	120 79	121 35	Stabilise - Deformation (m2)
26282	KAITAIA-AWAROA ROAD	123 89	124 17	Stabilise - Deformation (m2)
29428	INLAND ROAD	668 7	714 5	Noxious weed spot spraying - Pest plants (m)
30912	ORURU ROAD	197 5		Culvert digger clear 2m - Blocked ent (ea)
31036	CLOUGH ROAD	880		Culvert digger clear 2m - Blocked ent (ea)
31090	WAINUI ROAD	817 0		Sign make safe - Accident damage (ea) R
31134	KAITAIA-AWAROA ROAD	295 52	296 15	Stabilise - Deformation (m2)
31135	KAITAIA-AWAROA ROAD	293 97	294 13	Stabilise - Deformation (m2)
31623	WRATHALL ROAD	74	81	Premix - Temp pvmt failure repairs (m2) R
31823	HUI ROAD	0		Sign replace - Damaged street name (ea) R
31824	TATANA ROAD	0		Sign replace - Damaged street name (ea) R
31935	PAWARENGA ROAD	232 2		Potholes - Sealed (ea) R
31939	AWAROA ROAD	909 5		Sign replace - Damaged street name (ea) R
31944	SPAINS ROAD	463 5		Culvert digger clear 2m - Blocked ent (ea)
31945	ROTOKAWAU ROAD	154 2		Culvert digger clear 2m - Blocked ent (ea)
31953	SCHOOL GULLEY ROAD	0	294	Road envelope - Vege corridor (m) R
31970	DOUBTLESS BAY DRIVE	739		Sign straighten/reinstate - Leaning (ea) R

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Dispatch ID	Road	Start	End	Fault
32029	MARCHANT ROAD	0	478	KC/Islands/RABs veg cntrl - WEED obstruct (m) R
32030	MARCHANT ROAD	0	478	Sightline mtce - Vege obscured (m) R
32055	JACENTHO ROAD	150		Reporting
32058	WEST COAST ROAD (LAKE NGATU)	114	124	Hotmix - Edge break (> 1m)
32059	PAPARORE ROAD	548		Culvert digger clear 2m - Blocked ent (ea)
32060	PAPARORE ROAD	723		Culvert digger clear 2m - Blocked ent (ea)
32066	HEATH ROAD	305       2   Culvert digger clear 2m - Blocked		Culvert digger clear 2m - Blocked ent (ea)
32068	HEATH ROAD	461 4		Culvert digger clear 2m - Blocked ent (ea)
32124	QUARRY ROAD (AWANUI)	548 8	549 3	Sightline mtce - Vege obscured (m) R
32129	COX ROAD	230		Culvert digger clear 2m - Blocked ent (ea)
32138	DIGGERS VALLEY ROAD	129 49		BEM replace - Broken/missing/faded (ea) R
32141	ORURU ROAD	136 87		Potholes - Sealed (ea) R
32142	ORURU ROAD	136 31		Potholes - Sealed (ea) R
32143	ORURU ROAD	135 8		Potholes - Sealed (ea) R
32153	TURK VALLEY ROAD	510		Culvert digger clear 2m - Blocked ent (ea)
32156	STATE HIGHWAY 10 (CABLE BAY)	100		Reporting
32179	PAWARENGA ROAD	766 1	191 91	Grading - x- fall/potholes/corrugation/rut (m) R
32180	TAUTORO ROAD	0	290	Grading - x- fall/potholes/corrugation/rut (m) R
32181	OKAHU ROAD (SOUTH)	800	900	Rail barrier new - Traffic safety (m)
32187	TRIG ROAD	181 6		Culvert digger clear 2m - Blocked ent (ea)
32189	TRIG ROAD	250 2		Culvert digger clear 2m - Blocked ent (ea)
32191	BURNAGE ROAD	398		Culvert digger clear 2m - Blocked ent (ea)
32192	CABLE BAY BLOCK ROAD	150 0		Reporting
32193	SANDHILLS ROAD	150		Reporting
32194	QUARRY ROAD (AWANUI)	150		Reporting
32204	WAINUI-MATAURI BAY ROAD	332 8	333 3	Vege clearing - Sign obscured/sightline (ea) R
32205	WAINUI ROAD	130 15		Potholes - Sealed (ea) R
32206	WAINUI ROAD	129 49	129 54	Vege clearing - Sign obscured/sightline (ea) R
32207	WAINUI ROAD	748 3	749 3	Road envelope - Vege corridor (m) R
32222	SANDHILLS ROAD	150		Reporting
32223	DIGGERS VALLEY ROAD	860		Reporting
32232	LAKE OHIA ROAD	0	580	Tree removal - Dangerous trees (ea)
32233	OMAUNU ROAD	100		Reporting
32234	KITCHEN ROAD	150		Reporting
32235	DONALDS ROAD (EAST)	150		Reporting
32287	CHURTONS ROAD	127	150	Timber deck mtce - Repl rotten/damaged planks (m2)
32290	BROADWOOD ROAD	636 6	638 6	Make sites safe - Incident (ea)
32291	KIMBERLEY ROAD	290 6		Reporting
32293	MATAURI BEACH ROAD	105 6		Potholes - Sealed (ea) R
32294	OMAUNU ROAD	171		Potholes - Sealed (ea) R
32295	WRECK BAY ROAD	2	586	Grading - x- fall/potholes/corrugation/rut (m) R

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Dispatch ID	Road	Start	End	Fault
32296	MELBA STREET	29		Reporting
32297	KAITAIA-AWAROA ROAD	366	367	Hotmix - Edge break (up to 1m) R
32302	WRECK BAY ROAD	386		CMP replace - Broken/missing (ea) R
32303	WHATUWHIWHI ROAD (NORTH)	112 0	185 2	Grading - x- fall/potholes/corrugation/rut (m) R
32304	WHATUWHIWHI ROAD	0	532	Grading - x- fall/potholes/corrugation/rut (m) R
32305	MATAI BAY ROAD	390 3	528 0	Grading - x- fall/potholes/corrugation/rut (m) R
32306	PUHEKE ROAD	0	432 7	Grading - x- fall/potholes/corrugation/rut (m) R
32307	SCHOOL GULLEY ROAD	1		Reporting
32308	SNELGAR ROAD	150		Reporting
32309	FOSTERS ROAD	1		Reporting
32310	MAHINEPUA ROAD	1		Reporting
32311	MAHOE LANE	1		Reporting
32312	WATERFRONT ROAD (MANGONUI)	0		Reporting
32313	MANGATOETOE ROAD	0		Reporting
32314	OTURU ROAD	0		Reporting
32315	HENDERSON BAY ROAD	0		Reporting
32316	WEST COAST ROAD (KOHUKOHU)	0		Reporting
32317	ROMA ROAD	0		Reporting
32318	WALLACE ROAD (LAKE OHIA)	0		Reporting
32319	CHURTONS ROAD	0		Reporting
32320	ORURU ROAD	0		Reporting
32321	LEWER STREET	0		Reporting
32322	CHAMPIONS ROAD	0		Reporting
32323		0		Reporting
32324		0		Reporting
32325	FAIRBURN ROAD	0		Reporting
32326	REEF VIEW ROAD	200		Reporting
32327	MARY ANN PLACE	1		Reporting
32328	BAYSIDE DRIVE	1		Reporting
32329	RAMP ROAD	0	166 3	Grading - x- fall/potholes/corrugation/rut (m) R
32330	DAVIS STREET (KAITAIA)	135		Sign make safe - Accident damage (ea) R
32331	HEATH ROAD	513	516	
32332	MASTERS ACCESS ROAD	0	117 3	Grading - x- fall/potholes/corrugation/rut (m) R
32333	WHANGAROA ROAD	961		Potholes - Sealed (ea) R
		269	524	Grading - x- fall/potholes/corrugation/rut
32334	CHURCH ROAD (KAITAIA)	0	0 477	(m) R Grading - x- fall/potholes/corrugation/rut
32335	SNELGAR ROAD	0	4	(m) R Grading - x- fall/potholes/corrugation/rut
32336	OTURU ROAD	0	338	(m) R
32338	KIMBERLEY ROAD	8	619 7	Grading - x- fall/potholes/corrugation/rut (m) R
32340	MATAI BAY ROAD	374 8		Post paint - Graffiti/dirty/faded post (ea) R
32341	MATAI BAY ROAD	392 3		Sign face cleaning - Graffiti/dirty (ea) R
32342	WAIRAHORAHO ROAD	1		Reporting
32343	CABLE BAY BLOCK ROAD	1		Reporting
32344	TAEMARO ROAD	1		Reporting
32346	QUARRY ROAD (AWANUI)	366 1		Sign installation - New sign (ea)
32352	SPAINS ROAD	383 0	479 0	Grading - x- fall/potholes/corrugation/rut (m) R
32353	BROADWOOD ROAD	662 4		Potholes - Sealed (ea) R
32354	BROADWOOD ROAD	524		Potholes - Sealed (ea) R

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Dispatch ID	Road	Start	End	Fault
32355	KOHUKOHU ROAD	209		Potholes - Sealed (ea) R
32356	KOHUKOHU ROAD	282 0		Potholes - Sealed (ea) R
32357	KOHUKOHU ROAD	170 66		Rail barrier minor rep - Broken (ea) R
32358	WEST COAST ROAD (KOHUKOHU)	112 58		Potholes - Sealed (ea) R
32359	SANDHILLS ROAD	198 3		CMP replace - Broken/missing (ea) R
32368	FOSTERS ROAD	0	845	Grading - x- fall/potholes/corrugation/rut (m) R
32370	MAHINEPUA ROAD	0	970	Grading - x- fall/potholes/corrugation/rut (m) R
32372	BARRIBALL ROAD (ORURU)	0	112 1	Road envelope - Vege corridor (m) R
32373	BACKRIVER ROAD	0	854 5	Road envelope - Vege corridor (m) R
32374	TAPOTUPOTU ROAD	10	256 3	Grading - x- fall/potholes/corrugation/rut (m) R
32375	TAYLOR ROAD	242 8	282 8	Road envelope - Vege corridor (m) R
32376	AHIPARA ROAD	100	150	Make sites safe - Incident (ea)
32379	CHURCH ROAD (KAITAIA)	256 8	262 8	Tree removal - Dangerous trees (ea)
32380	IWITAUA ROAD	403 1		Sign straighten/reinstate - Leaning (ea) R
32382	KAUAEPEPE ROAD	77		Potholes - Unsealed (ea) R
32383	TE RORE ROAD	788 3		Potholes - Sealed (ea) R
32385	COPPERMINE ROAD	697	171 9	Grading - x- fall/potholes/corrugation/rut (m) R
32387	MANGAMANIHI ROAD	0	881	Grading - x- fall/potholes/corrugation/rut (m) R
32388	CABLE BAY BLOCK ROAD	157 0		Potholes - Unsealed (ea) R
32389	CABLE BAY BLOCK ROAD	243 3		Potholes - Unsealed (ea) R
32390	MAHOE LANE	0	315	Road envelope - Vege corridor (m) R
32391	TARATARA ROAD	0	165 0	Grading - x- fall/potholes/corrugation/rut (m) R
32392	WAINUI ROAD	181	187	Rail barrier renewal - Damaged (m)
32393	WAINUI ROAD	875 4		Potholes - Sealed (ea) R
32394	WAINUI-MATAURI BAY ROAD	343 9		Sign replace - Damaged PWs (ea) R
32398	OKAHU ROAD (SOUTH)	109 4		CMP replace - Broken/missing (ea) R
32402	SPIRITS BAY ROAD	0	913 6	(m) R
32403	TAPOTUPOTU ROAD	3	256 3	Grading - x- fall/potholes/corrugation/rut (m) R
32404	TE PAKI STREAM ROAD	1	373 8	Grading - x- fall/potholes/corrugation/rut (m) R
32405	KOTARE DRIVE	11	16	Remove material - Overslip (<1m3) R
32406	STATE HIGHWAY 10 (COOPERS	942		Reporting
32407	HENDERSON BAY ROAD	387		Rail barrier minor rep - Broken (ea) R
32408	BACKRIVER ROAD	926	000	Reporting
32409	RUNARUNA ROAD	0	936 7	Grading - x- fall/potholes/corrugation/rut (m) R

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Dispatch ID	Road	Start	End	Fault
32410	SNELGAR ROAD	100		Reporting
32411	MASTERS ACCESS ROAD	100		Reporting
32412	HENDERSON BAY ROAD	100		Reporting
32413	DUNCAN ROAD (KAINGAROA)	100		Reporting
32414	SNELGAR ROAD	100		Reporting
32415	DUNCAN ROAD (KAINGAROA)	100		Reporting
32416	RUAROA ROAD	100		Reporting
32417	SNELGAR ROAD	100		Reporting
32418		100		Reporting
32419 32420	BEACH ROAD (MANGONUI) KOTARE DRIVE	100 100		Reporting
32420	HENDERSON BAY ROAD	100		Reporting Reporting
32421	ARAWHATA ROAD	100		Reporting
32423	RANGIPUTA ROAD	100		Reporting
32424	TIPA TIPA ROAD	100		Reporting
32425	MAHINEPUA ROAD	100		Reporting
32426	WEST COAST ROAD (KOHUKOHU)	100		Reporting
32427	KIMBERLEY ROAD	100		Reporting
32428	WHANGAROA ROAD	100		Reporting
32429	KIMBERLEY ROAD	100		Reporting
32430	PUHEKE ROAD	100		Reporting
32431	MATAI BAY ROAD	100		Reporting
32432	MANSBRIDGE ROAD	100		Reporting
32433	DUNCAN ROAD (KAINGAROA)	100		Reporting
32434	DUNCAN ROAD (KAINGAROA)	100		Reporting
32435	WEST COAST ROAD (KOHUKOHU)	100		Reporting
32439		1		Reporting
32440	WEST COAST ROAD (LAKE NGATU)	157		Sign face cleaning - Graffiti/dirty (ea) R
32441	KUMI ROAD DONALD LANE	131 380		Sign straighten/reinstate - Leaning (ea) R Potholes - Sealed (ea) R
32442 32443	CLOUGH ROAD	187	187	Hotmix - Edge break (up to 1m) R
32444	CLOUGH ROAD	420	0	Potholes - Sealed (ea) R
32445	WAIRAKAU ROAD	0	200	Grading - x- fall/potholes/corrugation/rut (m) R
32446	TE AHU ROAD	495	538 0	Grading - x- fall/potholes/corrugation/rut (m) R
32447	APUTEREWA ROAD	0	872	Road envelope - Vege corridor (m) R
32448	TE HAPUA ROAD	1	105 38	Grading - x- fall/potholes/corrugation/rut (m) R
32449	TE PUA ROAD (PAUA)	14	208 6	Grading - x- fall/potholes/corrugation/rut (m) R
32450	PAUA ROAD	35	625 3	Grading - x- fall/potholes/corrugation/rut (m) R
32451	BURNAGE ROAD	1		Reporting
32452	KOHUMARU ROAD	1		Reporting
32453	TE AHU ROAD	58	538 0	Grading - x- fall/potholes/corrugation/rut (m) R
32454	KOHUMARU ROAD	200 0	210 0	Make sites safe - Incident (ea)
32455	KOHUMARU ROAD	758 3	758 5	Sightline mtce - Vege obscured (m) R
32456	PARAPARA ROAD	105		Sign straighten/reinstate - Leaning (ea) R
32458	PARAPARA ROAD	309 3		EMP replace - Broken/missing (ea) R
32459	PARAPARA ROAD	221 1		Sign face cleaning - Graffiti/dirty (ea) R
32460	PARAPARA ROAD	198 4		EMP replace - Broken/missing (ea) R
32461	LAKE OHIA BYPASS ROAD	478		BEM replace - Broken/missing/faded (ea) R
32462		563		Potholes - Sealed (ea) R
32463	DOUBTLESS BAY DRIVE	211	301	Ftpth vege envelope - Vege corridor (m)

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Dispatch ID	Road	Start	End	Fault
Dispaten iD	Noau	Start	Lind	
32464	WATERFRONT ROAD (MANGONUI)	810		Sign straighten/reinstate - Leaning (ea) R
32465	CABLE BAY BLOCK ROAD	136 7		Potholes - Unsealed (ea) R
32466	DUNCAN ROAD (KAINGAROA)	213 1	213 5	Sightline mtce - Vege obscured (m) R
32467	KAITAIA-AWAROA ROAD	286 65	286 86	Stabilise - Depression (m2)
32468	AWAROA ROAD	574	575	Stabilise - Depression (m2)
32470	RUAROA ROAD	443		CMP replace - Broken/missing (ea) R
32471	RUAROA ROAD	571		CMP replace - Broken/missing (ea) R
32473	RUAROA ROAD	578		CMP replace - Broken/missing (ea) R
32475	WARNER ROAD	106		CMP replace - Broken/missing (ea) R
32476	WARNER ROAD	530		CMP replace - Broken/missing (ea) R
32478	WARNER ROAD	240		CMP replace - Broken/missing (ea) R
32479	PUHEKE ROAD	1		Reporting
32480	WAIMAHANA ROAD	1		Reporting
32481	TIPA TIPA ROAD	1		Reporting
32482	QUARRY ROAD (AWANUI)	100		Reporting
32483	EDWARDS ROAD	7		Sign replace - Damaged street name (ea) R
32484	ORURU ROAD	459		Potholes - Sealed (ea) R
32485	ORURU ROAD	687 4		Sign straighten/reinstate - Leaning (ea) R
32487	ORURU ROAD	140 89		Post paint - Graffiti/dirty/faded post (ea) R
32488	ORURU ROAD	139 91	139 94	Road envelope - Vege corridor (m) R
32489	ORURU ROAD	126 54	126 56	Road envelope - Vege corridor (m) R
32490	ORURU ROAD	107 78		Sign straighten/reinstate - Leaning (ea) R
32491	ORURU ROAD	820 3		Post paint - Graffiti/dirty/faded post (ea) R
32492	ORURU ROAD	784 9		Potholes - Sealed (ea) R
32494	PAPONGA ROAD	119 3	119 7	Sightline mtce - Vege obscured (m) R
32495	HENDERSON BAY ROAD	8	568 9	Grading - x- fall/potholes/corrugation/rut (m) R
32496	BURNAGE ROAD	12	178 3	
32497	WEST COAST ROAD (KOHUKOHU)	563 5		Sign face cleaning - Graffiti/dirty (ea) R
32498	BLUE MOUNTAIN ROAD	6		Sign straighten/reinstate - Leaning (ea) R
32499	CREAMERY ROAD	201 3	201 6	Road envelope - Vege corridor (m) R
32500	CREAMERY ROAD	221 8		Potholes - Unsealed (ea) R
32501	CREAMERY ROAD	149		Sign make safe - Accident damage (ea) R
32502	CREAMERY ROAD	37		Sign straighten/reinstate - Leaning (ea) R
32503	FRYER ROAD	16		CMP replace - Broken/missing (ea) R
32505	FRYER ROAD	81		CMP replace - Broken/missing (ea) R
32507	FRYER ROAD	516		CMP replace - Broken/missing (ea) R
32508	FRYER ROAD	113 4		CMP replace - Broken/missing (ea) R
32509	FRYER ROAD	127 8		CMP replace - Broken/missing (ea) R

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Dispatch ID	Road	Start	End	Fault
32510	FRYER ROAD	194 9		CMP replace - Broken/missing (ea) R
32515	MUNN ROAD	120 5		CMP replace - Broken/missing (ea) R
32516	MUNN ROAD	134 5		CMP replace - Broken/missing (ea) R
32518	WEST COAST ROAD (KOHUKOHU)	251 80	386 80	Grading - x- fall/potholes/corrugation/rut (m) R
32519	WHANGAROA ROAD	0	630 4	Road envelope - Vege corridor (m) R
32520	OLD HOSPITAL ROAD	0	860	Road envelope - Vege corridor (m) R
32521	RUATO ROAD	0	430	Road envelope - Vege corridor (m) R
32522	OTENGI ROAD	0	158 4	Grading - x- fall/potholes/corrugation/rut (m) R
32523	TE KARAKA ROAD	0	382 8	Grading - x- fall/potholes/corrugation/rut (m) R
32524	WEST COAST ROAD (KOHUKOHU)	251 67	397 20	Grading - x- fall/potholes/corrugation/rut (m) R
32525	WEST COAST ROAD (KOHUKOHU)	252 6	397 20	Running course - Spot aggregate loss (m3) R
32526	PAWARENGA ROAD	133 94	142 9	Running course - Spot aggregate loss (m3) R
32527	RUNARUNA ROAD	0	937 6	Running course - Spot aggregate loss (m3) R
32528	MANGATAIPA ROAD	125 0	125 1	Make sites safe - Incident (ea)
32529	FAIRBURN ROAD	902 8	907 8	Make sites safe - Incident (ea)
32530	BROADWOOD ROAD	859 2	859 3	Make sites safe - Incident (ea)
32531	WHANGAROA ROAD	550 0	550 1	Make sites safe - Incident (ea)
32544	LEACOCK ROAD	0	415	Road envelope - Vege corridor (m) R
32545	WAIKOURA ROAD	0	140 3	Road envelope - Vege corridor (m) R
32546	TE RORE ROAD	90	92	Make sites safe - Incident (ea)
32547	WRATHALL ROAD	40	42	Make sites safe - Incident (ea)
32548	RANGIKAPITI ROAD	8		Ftpth temp failure rep - Trip hazard (ea) R
32549 32550	SNELGAR ROAD KAITAIA-AWAROA ROAD	834 969 5	954 114 61	Running course - Spot aggregate loss (m3) R New marking - Renewals/new layout (m)
32551	KAITAIA-AWAROA ROAD	142 78	149 84	New marking - Renewals/new layout (m)
32552	OTURU BLOCK ROAD	55	65	Digout - Saturated pavement (m2)
32554	DUNCAN ROAD (KAINGAROA)	148 48		Potholes - Unsealed (ea) R
32555	DUNCAN ROAD (KAINGAROA)	646 3	646 5	Sightline mtce - Vege obscured (m) R
32556	DUNCAN ROAD (KAINGAROA)	577 8		Sign make safe - Accident damage (ea) R
32557	DUNCAN ROAD (KAINGAROA)	578 9		BEM replace - Broken/missing/faded (ea) R
32558	DUNCAN ROAD (KAINGAROA)	157 2	107 0	Grading - x- fall/potholes/corrugation/rut (m) R
32563	PAPARORE ROAD	530 0	620 0	Grading - x- fall/potholes/corrugation/rut (m) R
32564	WAIMAHANA ROAD	0	110 9	Grading - x- fall/potholes/corrugation/rut (m) R
32566	WAIRAHORAHO ROAD	0	155 0	Grading - x- fall/potholes/corrugation/rut (m) R
32567	PUHEKE ROAD	0	432 7	

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Dispatch ID	Road	Start	End	Fault
32568	TIPA TIPA ROAD	0	787 2	
32569	BACKRIVER ROAD	223 8		Sign straighten/reinstate - Leaning (ea) R
32573	PARAPARA ROAD	0	331 4	Grading - x- fall/potholes/corrugation/rut (m) R
32574	PARANUI-TOATOA ROAD	8	750 8	
32575	KAITAIA-AWAROA ROAD	95		Potholes - Sealed (ea) R
32576	MANUKAU ROAD	33		Potholes - Sealed (ea) R
32577	KAITAIA-AWAROA ROAD	196 36		Sign straighten/reinstate - Leaning (ea) R
32578	WHANGAPE ROAD	420 3		Potholes - Sealed (ea) R
32580	IWITAUA ROAD	31		Potholes - Unsealed (ea) R
32581	HONEYMOON VALLEY ROAD	871		Sign make safe - Accident damage (ea) R
32583	PERIA VALLEY ROAD	101 56		Rail barrier minor rep - Broken (ea) R
32584	PERIA VALLEY ROAD	902 1		Sign make safe - Accident damage (ea) R
32585	PERIA VALLEY ROAD	0	104 50	
32586	WEST COAST ROAD (LAKE NGATU)	115 6		Sign replace - Damaged PWs (ea) R
32587	TAKAHUE SADDLE ROAD (TAKAHUE)	140 3		CMP replace - Broken/missing (ea) R
32589	TAKAHUE SADDLE ROAD (TAKAHUE)	269 0		CMP replace - Broken/missing (ea) R
32594	KAIMAUMAU ROAD	388 0		Reporting
32595	PARANUI ROAD	10		Reporting
32596	HIHI ROAD	453 4		Sign replace - Damaged PWs (ea) R
32598	HIHI ROAD	169 1	169 3	Hotmix - Edge break (> 1m)
32599	HIHI ROAD	161 8		Potholes - Sealed (ea) R
32600	TOTARA NORTH ROAD	10		Reporting
32601	TOTARA NORTH ROAD	10		Reporting
32602	CHURCH ROAD (KAITAIA)	10		Reporting
32603	REDAN ROAD	10		Reporting
32604	BACKRIVER ROAD	10		Reporting
32605	TAEMARO ROAD	10		Reporting
32606	KOHUMARU ROAD	10		Reporting
32607	TARATARA ROAD	10		Reporting
32608	DUNCAN ROAD (KAINGAROA)	10		Reporting
32609	HENDERSON BAY ROAD	10		Reporting
32610	HENDERSON BAY ROAD	10		Reporting
32611		10		Reporting
32612 32613	MANGATAIPA ROAD PAPONGA ROAD	10 104 54	104 97	Reporting Rail barrier minor rep - Broken (ea) R
32614	WEST COAST ROAD (KOHUKOHU)	258 8	57	Sign straighten/reinstate - Leaning (ea) R
32616	WEST COAST ROAD (KOHUKOHU)	645 8		Potholes - Sealed (ea) R
32617	WEST COAST ROAD (KOHUKOHU)	973 6		Potholes - Sealed (ea) R
32618	MOTUTI ROAD	277	277 7	Sightline mtce - Vege obscured (m) R
32619	MOTUTI ROAD	0	418	

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Dispatch ID	Road	Start	End	Fault
32623	PUHATA ROAD	255		CMP replace - Broken/missing (ea) R
32626	PUHATA ROAD	242 4		CMP replace - Broken/missing (ea) R
32627	PUHATA ROAD	252 0		CMP replace - Broken/missing (ea) R
32628	PUHATA ROAD	398 5		CMP replace - Broken/missing (ea) R
32652	WAINUI ROAD	0	156 45	Road envelope - Vege corridor (m) R
32653	HONEYMOON VALLEY ROAD	5	704 5	Grading - x- fall/potholes/corrugation/rut (m) R
32654	MATAI BAY ROAD	394 6	528 0	Grading - x- fall/potholes/corrugation/rut (m) R
32655	OLD CHURCH ROAD (WHANGAROA)	0	105	Road envelope - Vege corridor (m) R
32656	KENT STREET (WHANGAROA)	338	398	Road envelope - Vege corridor (m) R
32657	PARAPARA- TOATOA ROAD	0	752 2	Grading - x- fall/potholes/corrugation/rut (m) R
32658	CLOUGH ROAD	530	275 9	Running course - Spot aggregate loss (m3) R
32659	SANDHILLS ROAD	987 0		Reporting
32660	CHAMPIONS ROAD	245 0		Reporting
32661	RUAROA ROAD	572 0		Reporting
32662	HEATH ROAD	100		Reporting
32663	PAPARORE ROAD	100		Reporting
32664	TAUMATA ROAD	0	900	Grading - x- fall/potholes/corrugation/rut (m) R
32665	MATAWHEROHIA ROAD	27	152 7	Grading - x- fall/potholes/corrugation/rut (m) R
32666	FISHER-RILEY ROAD	0	104 50	Grading - x- fall/potholes/corrugation/rut (m) R
32667	PEKERAU ROAD	40	665	Grading - x- fall/potholes/corrugation/rut (m) R
32668	OTA POINT ROAD	10	137 4	Road envelope - Vege corridor (m) R
32669	OHAKIRI WAY	0	270	Road envelope - Vege corridor (m) R
32670	WINDY HILL ROAD	0	251 4	Grading - x- fall/potholes/corrugation/rut (m) R
32671	KOWHITIKARU ROAD	0	240 1	Grading - x- fall/potholes/corrugation/rut (m) R
32672				Performance Incentive
32675	AWAROA ROAD	376 5		Potholes - Sealed (ea) R
32677	KAIMAUMAU ROAD	255 1	255 3	Premix - Temp pvmt failure repairs (m2) R
32679	PARANUI ROAD	0	515 9	Grading - x- fall/potholes/corrugation/rut (m) R
32685	POWELLS ROAD (DIGGERS VALLEY)	238		CMP replace - Broken/missing (ea) R
32686	DUNCAN ROAD (KAINGAROA)	148 93		Sign straighten/reinstate - Leaning (ea) R
32687	WHANGATANE DRIVE	380		Potholes - Sealed (ea) R
32690	TAYLOR ROAD	0	283 4	Grading - x- fall/potholes/corrugation/rut (m) R
32692	PAWARENGA ROAD	0		Reporting
32693	PAPARANGI DRIVE (MITIMITI)	0		Reporting
32694	IWITAUA ROAD	0		Reporting
32695	DANGEN ROAD	0		Reporting
32696	HILLCREST ROAD (KAITAIA)	0		Reporting
32697		0		Reporting
32698	PERIA VALLEY ROAD	0		Reporting

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Dispatch ID	Road	Start	End	Fault
32699	RUAROA ROAD	0		Reporting
32700	RUAROA ROAD	0		Reporting
32701	KENANA ROAD	0		Reporting
32702	TAYLOR ROAD	0		Reporting
32703 32704	TAYLOR ROAD COMMERCE STREET (KAITAIA)	0		Reporting Reporting
32704	DIGGERS VALLEY ROAD	0		Reporting
32706	ATWELL ROAD	0	550	Road envelope - Vege corridor (m) R
32707	PORTERS ACCESS ROAD	0	106 2	Road envelope - Vege corridor (m) R
32708	MATANGIRAU SCHOOL ROAD	0	113 6	Road envelope - Vege corridor (m) R
32710	WEBER WAIHAPA ROAD	0	539 2	Grading - x- fall/potholes/corrugation/rut (m) R
32711	MOTUKARAKA POINT ROAD	1	199 7	Grading - x- fall/potholes/corrugation/rut (m) R
32712	RATAROA ROAD	0		Reporting
32714		184		EMP replace - Broken/missing (ea) R
32715	TAURANGA BAY BEACH ROAD	20		BEM replace - Broken/missing/faded (ea) R
32717	TE HUIA MARAE ROAD	0	522	Grading - x- fall/potholes/corrugation/rut (m) R
32720	HONEYMOON VALLEY ROAD	679 2		Potholes - Unsealed (ea) R
32721	TAKAHUE ROAD	623 3		BEM replace - Broken/missing/faded (ea) R
32722	TAKAHUE ROAD	600 8		Post only replace - Broken post (ea)
	RATAROA ROAD	0	121 5	
32729	WELLS ROAD	11	14	Sightline mtce - Vege obscured (m) R
32730	BACKRIVER ROAD	2	854 7	Grading - x- fall/potholes/corrugation/rut (m) R
32731	WHANGAPE ROAD	134 0	146 60	Grading - x- fall/potholes/corrugation/rut (m) R
32732	NESS ROAD (OTANGAROA)	9	179 9	Grading - x- fall/potholes/corrugation/rut (m) R
32738	OMAUNU ROAD	0		Reporting
32740 32741	FRYER ROAD TAURANGA BAY ROAD	0	301 8	Reporting Roadside mowing - Berm vege (m) R
32742	TAURANGA BAY BEACH ROAD	0	553	Road envelope - Vege corridor (m) R
32743	WEST COAST ROAD (KOHUKOHU)	0	252 6	Roadside mowing - Berm vege (m) R
32744	MANGAMUKA ROAD	0	103 4	Roadside mowing - Berm vege (m) R
32745	KOHUKOHU ROAD	0	176 24	Roadside mowing - Berm vege (m) R
32746	PAWARENGA ROAD	0	191 91	Roadside mowing - Berm vege (m) R
32747	BROADWOOD ROAD	0	138 33	Roadside mowing - Berm vege (m) R
32748	AWAROA ROAD	0	909 5	Roadside mowing - Berm vege (m) R
32749	WHANGAPE ROAD	0	346 8	Road envelope - Vege corridor (m) R
32750	WEST COAST ROAD (KOHUKOHU)	252	397 20	Running course - Spot aggregate loss (m3) R
32751	DIGGERS VALLEY ROAD	103 99	208 78	Running course - Spot aggregate loss (m3) R
32752	WHANGAPE ROAD	131 8	322 9	Running course - Spot aggregate loss (m3) R
32753	RAKAUTAPU ROAD	0	222	Grading - x- fall/potholes/corrugation/rut

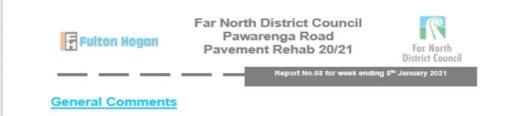
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Dispatch ID	Road	Start	End	Fault
			2	(m) R
32754	WHANGAPE ROAD	131	133	Grading - x- fall/potholes/corrugation/rut
32734	WHANGAFE ROAD	8	18	(m) R
32755	KOHUMARU ROAD	59	430	Grading - x- fall/potholes/corrugation/rut
52755	KOHOWARU KOAD	59	0	(m) R
32756	KENANA ROAD	0	496	Grading - x- fall/potholes/corrugation/rut
52756	KENANA KOAD	0	7	(m) R
32758	PUPUKE MANGAPA ROAD	605	606	Road envelope Vege corrider (m) P
52758	POPORE MANGAPA ROAD	8	0	Road envelope - Vege corridor (m) R
32760		0	609	Readaide mouving Rorm voge (m) R
52760	QUARRY ROAD (AWANUI)	0	8	Roadside mowing - Berm vege (m) R
32761	OINU ROAD	0	120	Road envelope - Vege corridor (m) R
52/61		0	0	Noau envelope - vege contuor (iii) N
32762	OTURU BLOCK ROAD	0	157 4	Road envelope - Vege corridor (m) R

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#### REHABS

#### Pawarenga Road



When string lining for the new kerb at ch510-575 on the right hand side, the incline of the road at some points was barely 1%. This could lead to problems with the drainage of water and may cause ponding. We will aim to do giur, best here to avoid the previous ponding issues that was had, however due to the retaining wall height and available road width, we cannot lift the kerb up much more than it already has been. There were existing ponding problems with this kerb that caused minor silting.



Figure 1: The ripped up pavement being compacted.

Figure 2: Laying subsoil in water table.

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# **General Comments**

When prepping the kerb at ch390-450, the grade of the incline was not sufficient all the way through the kerb. This would lead to ponding. Therefore, two cut-outs were made along this section of curb to allow water to escape without causing the bank to scour.









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# Far North District Council Pawarenga Road Pavement Rehab 20/21

Report No.10 for week e

ng 22<sup>th</sup> January 2021

Completed this week

Day	Task	Comment
Monday	Finish CH570-800 channel. Pour kerb blocks CH980-1087. Overlay pavement and complete pavement dig outs in eastern section.	Achieved
Tuesday	Pour kerb blocks and channel CH980-1087. Overlay pavement. Install subsoils in eastern section.	Channel not completed. Subbie delays.
Wednesday	Pavement overlay and kerb prep CH980-1040 in eastern section. Complete kerb backing up.	Achieved
Thursday	Pavement overlay and channel pour.	Channel not completed for CH980-1087.
Friday	Pavement overlay.	Achieved

### Programmed for next week

Day	Task	Comment
Monday	Section C3 stabilise one lane	Quarantine overnight 24hr traffic control
Tuesday	Pavement overlay and kerb pour CH960-1040 in P/east	
Wednesday	Section C3 stabilise one lane and kerb pour CH980-1040.	Need to overlay C3 stabilised lane in morning before progressing onto next (acc, Minimum 100mm GAP40
Thursday	Pavement overlay	Whilst waiting for C3 to cure.
Friday	Pavement overlay	Should be the last of the metal in site.

Kerbing taking slightly longer than expected. Pavement overlay going well. Positive events from site this week include healthy risk assessment conversations on truck and trailer spreading in high risk areas. Good to see the crews being proactive about managing risks. Section C3 ready to be stabilized.

#### Health and Safety / OFI's

Туре	Detail	Follow up
Positive event	Risk assessment around truck and trailer spreading. Tool box with team to ensure no one is in high risk areas and that we use bottom dumpers on tight steep corners.	
Near miss		Reported to chorus and top energy. Both claimed it was not theirs. Finished dig out and backfilled.

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# Far North District Council Pawarenga Road Pavement Rehab 20/21

Report No.11 for week ending 25<sup>th</sup> January 2021

### Completed this week

Day	Task	Comment
Monday	Section C3 stabilise one lane	Achieved. Stab went well. The extents did not align with seal damage. Actual stabilised area was CH860-840.
Tuesday	Pavement overlay and kerb pour CH960-1040	Achieved
Wednesday	Section C3 stabilise one lane and kerb pour CH980-1040	Pre-cracked pavement first thing in the morning with two slow deep vibe passes with the single drum roller. Overlaid pavement with 100mm aggregate before opening lane. Kerbs all finished in both sections.
Thursday	Pavement overlay	
Friday	Pavement overlay	Still have 2 days of overlay to go in Pawarenga West. Finish off next week

### Programmed for next week

Day	Task	Comment	
Monday	Public holiday		
Tuesday	Pavement overlay P/west		
Wednesday	Finish pavement overlay P/West, move onto P/east	Work from half way point back towards bridge.	
Thursday	Pavement overlay P/east		
Friday	Pavement overlay P/east	Halt overlay Friday afternoon to re-prep and shape P/west for stabilising on Tuesday 9 <sup>th</sup> the following week.	

#### **General Comments**

All kerbs finished within both sites. Section C3 stabilising went well. Overnight traffic control had a few locals deciding to do skids through the site in front of them, but other than that, no incidents. Pre-cracking went well, we noticed a visual cracking / separation within the pavement before overlay

which was good. Pawarenga West should be ready for stabilising by Wednesday (Will still be stabilised on the  $9^n$  of Feb).

### Health and Safety / OFI's

Туре	Detail		Follow up	
Hazard	Public member through site while present.	and the second se	Reported to police	

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### **Church Road Seal Extension**



# Investigation, Testing and Design

Programmed Task:	Status:	Due Date:	Completed:
FWP Confirmation		31/03/2020	23/06/2020
Investigation & Testing	Complete. Final results received 09/12/2020.	14/08/2020 (NTC) 15/11/2020 (NTA Advised)	09/12/2020
Drawings	Chosen design option required by 15/01/2020.	30/09/2020 (NTC)	
Design	Complete.	30/09/2020 (NTC)	21/12/2020.
Schedule of Prices			17/12/2020

### **Completed this week**

Day	Programmed Task	Comment
Monday	Culvert Replacements	As planned.
Tuesday	Rock wall construction Culvert Replacements	As planned.
Wednesday	Rock wall construction Culvert Replacements	As planned.
Thursday	Rock wall construction Culvert Replacements	As planned.
Friday	Rock wall construction Culvert Replacements	As planned.

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#### Programmed for next week

Day	Task	Comment
Monday	Rock wall construction Culvert Replacements Culvert Headwalls	
Tuesday	Rock wall construction Culvert Replacements Culvert Headwalls	
Wednesday	Rock wall construction Culvert Replacements Culvert Headwalls	
Thursday	Rock wall construction Culvert Headwalls	
Friday	Rock wall construction Culvert Headwalls	

#### **General Comments**

Culvert replacements continued this week, along with headwall construction. Rock wall construction commenced this week, and will continue on next week.

The Pavement Design was delivered on Monday 21/12/2020. Confirmation of the chosen design is required by the Friday 15/01/2020, so that the geometric design and drawings can be completed, ready for the overlay to commence oid-Sebuary.



Figure 1: Construction of rock wall.



Figure 2: Rock wall construction

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Figure 3: Culvert Headwalls

Figure 5: Culvert replacements in progress

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Fulton Hogan	Far North District Council Church Road Seal Extension	Far North District Council
	Report No.12 for week ending	24 <sup>th</sup> January 2021

# Investigation, Testing and Design

Programmed Task:	Status:	Due Date:	Completed:
FWP Confirmation		31/03/2020	23/06/2020
Investigation & Testing	Complete. Final results received 09/12/2020.	14/08/2020 (NTC) 15/11/2020 (NTA Advised)	09/12/2020
Drawings	Chosen design option required by 15/01/2020. Design option still unconfirmed.	30/09/2020 (NTC)	
Design	Complete.	30/09/2020 (NTC)	21/12/2020.
Schedule of Prices			17/12/2020

# Completed this week

Day	Programmed Task	Comment	
Monday	Rock wall construction Culvert replacements Culvert headwalls	As planned.	
Tuesday	Rock wall construction Culvert replacements Culvert headwalls	As planned.	
Wednesday	Rock wall construction Culvert replacements Culvert headwalls	As planned.	
Thursday	Rock wall construction Culvert replacements Culvert headwalls	As planned.	
Friday	Rock wall construction Culvert replacements Culvert headwalls	As planned.	

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### Programmed for next week

Day	Task	Comment
Monday	Rock wall construction	
Tuesday	Rock wall construction	
Wednesday	Rock wall construction	
Thursday	Rock wall construction	
Friday	Stormwater, drainage	

#### **General Comments**

Culvert replacements continued this week, along with culvert headwall construction and rock wall construction.

Bockwall construction will continue next week, along with formation of a new stormwater drainage through private property.

All culvert replacements and headwalls are now complete, aside from two culverts that are awaiting rock wall construction.

The third, and last, rock wall required on the site, is awaiting Top Energy works to relocate earth banks and buried power cables.

#### Health and Safety / OFI's / FNDC Site Visits

Туре	Detail	Follow up
TM Audit	Traffic Management Audit completed by Hayden McGrath on 21/01/2020.	Required changes completed on site on 21/01/2020.

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Figure 1: Rock wall construction in progress

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Fulton Hogan	Far North District Council Church Road Seal Extension	Far North District Council
	Report No.13 for week ending	31 <sup>st</sup> January 2021

# Investigation, Testing and Design

Programmed Task:	Status:	Due Date:	Completed:
FWP Confirmation		31/03/2020	23/06/2020
Investigation & Testing	Complete. Final results received 09/12/2020.	14/08/2020 (NTC) 15/11/2020 (NTA Advised)	09/12/2020
Drawings	Chosen design option required by 15/01/2020. Design option still unconfirmed.	30/09/2020 (NTC)	
Design	Complete.	30/09/2020 (NTC)	21/12/2020.
Schedule of Prices			17/12/2020

# Completed this week

Programmed Task	Comment	
Rock wall construction	As planned.	
Rock wall construction	As planned.	
Rock wall construction	As planned.	
Rock wall construction	As planned.	
Storm water drainage	As planned.	
	Rock wall construction Rock wall construction Rock wall construction Rock wall construction	Rock wall construction     As planned.       Rock wall construction     As planned.       Rock wall construction     As planned.       Rock wall construction     As planned.

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#### Programmed for next week

Day	Task	Comment
Monday	Northland Anniversary	
Tuesday	Stormwater, drainage	
Wednesday	Tidy tip site.	
Thursday		
Friday		

#### **General Comments**

Rock wall construction was completed at CH1200 this week, and the stormwater, drain, out through private property at CH1660, was started on Friday.

Enabling works will be completed mid next week.

The third, and last, rock wall required on the site, is awaiting Top Energy works to relocate earth banks and buried power cables, and to hold the power pole during construction. An underground power cable will also be replaced at CH750, due to new stormwater drains reducing the depth of cover above the power cable crossing the road. This work is programmed for 22-23<sup>rd</sup> February.

Drawings are in progress for this site and are awaiting confirmation of the design overlay depth. The site is programmed to be pinned during the week starting Feb 8<sup>th</sup>. Pins will be have to be drilled into the ground due to the pan on site.



Figure 1: Rock wall construction complete

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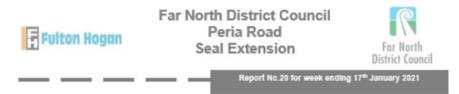


Figure 3: Rock wall construction complete

Figure 4: Rock wall construction complete

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### Peria Road Seal Extension



# Investigation, Testing and Design

Program Task:	Status:	Due Date:	Completed:
Site confirmation in FWP		31/03/2020	02/07/2020 (NTC)
Investigation and Testing:	FH Commenced 16/07/2020	FNDC to supply by 14/08/2020 (NTC)	FH Completed 15/09/2020
Drawings: Section One Section Two Section Three Section Four Section Five	Complete. Complete. Draft complete. In progress.	30/09/2020 (NTC) 01/11/2020 21/11/2020 12/12/2020 15/01/2020 3/01/2020	Issued 31/10/2020. Issued 23/11/2020. Draft complete 16/12/2020. In progress. Due. 22/01/2020. In progress.
Pavement Design:	Complete.	30/09/2020 (NTC)	Issued 29/10/2020.
Schedule of Prices:	Complete.	20/11/2020	Issued 24/11/2020.
Safety Audit: Section One Section Two Section Three Section Four Section Four	Complete Complete Awaiting drawings. Awaiting drawings.		7/12/2020 7/12/2020 Awaiting drawings. Awaiting drawings.
Section Five	Awaiting drawings.		Awaiting drawings.

### Completed this week

Day	Programmed Task	Comment
Monday	Section Two Overlay, intersections and driveways Finish Rip rap Section Two Bockwalls Section Three Tree Removal Section Four	As planned.
Tuesday	Section Two Overlay, intersections and driveways Finish Rip rap Section Two Bockwalls Section Three Tree Removal Section Four	As planned.

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Wednesday	Section Two Overlay, intersections and driveways Finish Rip rap Section Two Bockwalls Section Three Tree Removal Section Four	Overlay completed in Section Two.
Thursday	Section Two Overlay, intersections and driveways Bockwalls Section Three Clearing Section Four Tree Removal Section Four	Overlay commenced in Section Three.
Friday	Section Two Overlay, intersections and driveways Bockwalls, Section Three Clearing Section Four Tree Removal Section Four	Overlay commenced in Section Three.

### Programmed for next week

Day	Task	Comment
Monday	Stabilise Section Two Rock walls Section Three Clearing Section Four Tree Removal Section Four	
Tuesday	Stabilise Section Two Rock walls Section Three Clearing Section Four Tree Removal Section Four	
Wednesday	Prep Section Two for Seal Rock walls Section Three Clearing Section Four Tree Removal Section Four	
Thursday	Prep Section Two for Seal Rock walls Section Three Clearing Section Four Tree Removal Section Four	
Friday	Prep Section Two for Seal Rock walls Section Three Clearing Section Four Clearing Section Five Tree Removal Section Four	

#### **General Comments**

This week the overlay was completed in Section Two, and commenced in Section Three. Bookwall construction continued in Section Three, along with clearing and Tree Removal in Section Four. Dust suppressant was completed over the full length of Sections Four and Five.

Section Two will be stabilised on Monday and Tuesday next week. Bockwall construction will continue in Section Three, along with clearing and Tree Removal in Section Four.

Later next week, a second clearing crew will commence clearing Section Five.

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# Health and Safety / OFI's / FNDC Site Visits

Type	Detail	Follow up
Trailer Tip Over	A Mangonui Transport Trailer tipped on site on Friday morning, while trailing metal on the inside of a bend. The trailer was able to be pulled back over with the digger on site. The incident resulted in no injuries, just damage to subcontractor plant.	A formal investigation is in progress.



Figure 1: Tip site #4

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Figure 2: Construction of rock wall in Section 3.

Figure 3: Clearing in Section 4.



Figure 4: Clearing and corner widening in Section Four



Figure 5: Dust suppressant completed in Sections Four and Five

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Fulton Hogan	Far North District Council Peria Road Seal Extension	Far North District Council
	Report No.21 for week ending	24 <sup>th</sup> January 2021

# Investigation, Testing and Design

Program Task:	Status:	Due Date:	Completed:
Site confirmation in FWP		31/03/2020	02/07/2020 (NTC)
Investigation and Testing:	FH Commenced 16/07/2020	FNDC to supply by 14/08/2020 (NTC)	FH Completed 15/09/2020
Drawings:		30/09/2020 (NTC)	
Section One	Complete.	01/11/2020	Issued 31/10/2020.
Section Two	Complete.	21/11/2020	Issued 23/11/2020.
Section Three	Draft complete.	12/12/2020	Draft completed 16/12/2020.
Section Four	Draft complete.	15/01/2020	Draft completed 22/01/2020.
Section Five	In progress.	3/01/2020	Now due 19/02/2020 (Church Rd prioritised ahead of Section 5).
Pavement Design:	Complete.	30/09/2020 (NTC)	Issued 29/10/2020.
Schedule of Prices:	Complete.	20/11/2020	Issued 24/11/2020.
Safety Audit:			
Section One	Complete		7/12/2020
Section Two	Complete		7/12/2020
Section Three	In progress		In progress
Section Four	In progress		In progress
Section Five	Awaiting drawings.		Awaiting drawings.

# Completed this week

Day	Programmed Task	Comment
Monday	Stabilise Section Two Rock walls Section Three Clearing Section Four Tree Removal Section Four	As planned.
Tuesday	Stabilise Section Two Rock walls Section Three Clearing Section Four	As planned.

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Day	Task	Comment
Monday	Prep Section Two for Seal Rock wall construction Section Three Clearing Section Four Tree Removal Section Five Headwalls Sections Three and Four	
Tuesday	Prep Section Two for Seal Rock wall construction Section Three Clearing Section Four Tree Removal Section Five Headwalls Sections Three and Four	
Wednesday	Prep Section Two for Seal Rock wall construction Section Three Clearing Section Four Tree Removal Section Five Headwalls Sections Three and Four	
Thursday	Test Section Two for Seal Rock wall construction Section Three Clearing Section Four Tree Removal Section Five Headwalls Sections Three and Four	
Friday	Seal Section Two Rock wall construction Section Three Clearing Section Four Tree Removal Section Five Headwalls Sections Three and Four	

### Programmed for next week

#### **General Comments**

Section Two was stabilised on Monday and Tuesday. Rock wall construction continued in Section Three, along with clearing and Tree Removal in Section Four.

A dig out was required in section two where a soft patch in the road was identified during stabilisation. A very week clay seam with tree roots was encountered between a very hard sandstone subgrade.

#### Health and Safety / OFI's / FNDC Site Visits

Туре	Detail	Follow up
TTM & Safety Audit	A Traffic Management Audit was completed by James Obamila on 19/01/2020.	None required.

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Figure 1: Stabilising in progress Section Two

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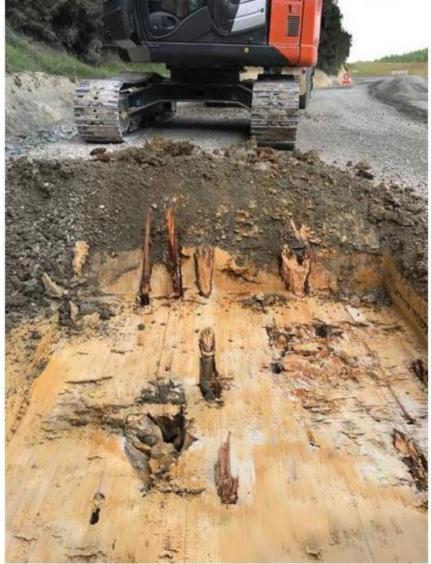


Figure 5: Dig out on soft patch in Section Two

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Far North District Council Peria Road Seal Extension	Far North District Council
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### Report No.22 for week ending 31<sup>th</sup> January 2021

# Investigation, Testing and Design

Program Task:	Status:	Due Date:	Completed:
Site confirmation in FWP		31/03/2020	02/07/2020 (NTC)
Investigation and Testing:	FH Commenced 16/07/2020	FNDC to supply by 14/08/2020 (NTC)	FH Completed 15/09/2020
Drawings:		30/09/2020 (NTC)	
Section One	Complete.	01/11/2020	Issued 31/10/2020.
Section Two	Complete.	21/11/2020	Issued 23/11/2020.
Section Three	Draft complete.	12/12/2020	Draft completed 16/12/2020.
Section Four	Draft complete.	15/01/2020	Draft completed 22/01/2020.
Section Five	In progress.	3/01/2020	Now due 19/02/2020 (Church Rd prioritised ahead of Section 5).
Pavement Design:	Complete.	30/09/2020 (NTC)	Issued 29/10/2020.
Schedule of Prices:	Complete.	20/11/2020	Issued 24/11/2020.
Safety Audit:			
Section One	Complete		7/12/2020
Section Two	Complete		7/12/2020
Section Three	In progress		In progress
Section Four	In progress		In progress
Section Five	Awaiting drawings.		Awaiting drawings.

# Completed this week

Day	Programmed Task	Comment		
Monday	Prep Section Two for Seal Rock wall construction Section Three Clearing Section Four Tree Removal Section Five Headwalls Sections Three and Four	As planned, aside from Headwalls.		
Tuesday	Prep Section Two for Seal Rock wall construction Section Three	As planned, aside from Headwalls.		

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	Clearing Section Four	
	Tree Removal Section Five	
	Headwalls Sections Three and Four	
Wednesday	Prep Section Two for Seal	As planned, aside from Headwalls.
	Rock wall construction Section Three	
	Clearing Section Four	
	Tree Removal Section Five	
	Headwalls Sections Three and Four	
Thursday	Test Section Two for Seal	As planned, aside from Headwalls.
	Rock wall construction Section Three	
	Clearing Section Four	
	Tree Removal Section Five	
	Headwalls Sections Three and Four	
Friday	Seal Section Two	As planned, aside from Headwalls.
	Rock wall construction Section Three	Issues with Hand sprayer meant three driveways
	Clearing Section Four	could not be sealed. Remainder of site was sealed.
	Tree Removal Section Five	
	Headwalls Sections Three and Four	

## Programmed for next week

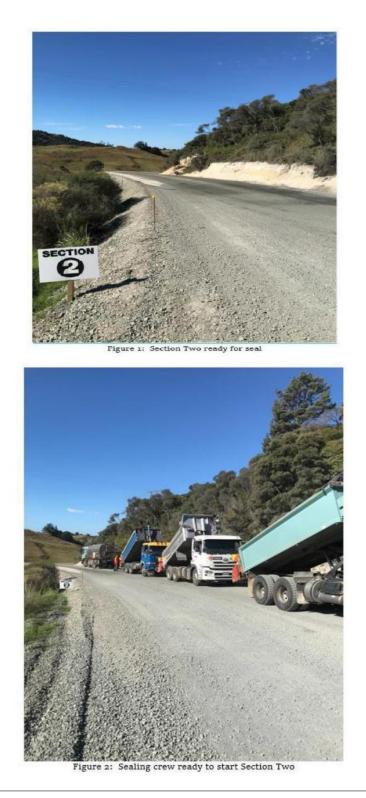
Day	Task	Comment
Monday	Northland Anniversary Day.	
Tuesday	Overlay Section Three	
	Rock wall construction Section Three	
	Clearing Section Four	
	Clearing Section Five	
	Tree Removal Section Five	
Wednesday	Overlay Section Three	
	Rock wall construction Section Three	
	Clearing Section Four	
	Clearing Section Five	
	Tree Removal Section Five	
Thursday	Overlay Section Three	
	Rock wall construction Section Four	
	Clearing Section Four	
	Clearing Section Five	
	Tree Removal Section Five	
Friday	Overlay Section Three	
	Rock wall construction Section Four	
	Clearing Section Four	
	Clearing Section Five	
	Tree Removal Section Five	

### **General Comments**

Section Two was sealed on Thursday and Friday, aside from three driveways that were unable to be completed due to a breakdown with the hand sprayer. Rock wall construction continued in Section Three, along with clearing and Tree Removal in Section Four.

A second excavator will begin clearing Section Five on Tuesday, and the overlay in Section Three will also begin. Rock wall construction will commence in Section Four later this week too.

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Figure 5: Tip Site #5 ready for CTW from the end of Section Five

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### **HEALTH & SAFETY**

### No injuries this month.

Туре	# during period	# to date	Days since last incident
Lost time injury (LTI)	0	2	141
Medical Treatment Case (MTC)	0	0	948
First Aid Injury (FAI)	0	0	948

### QUALITY AND TRAINING

### Environmental non-compliance notices issued

- Nil non-compliances to report.
- Notice to Contractor issued
- Nil.

### Training

• Inductions for Subcontractors.

### RAMM Issue for the month

• Nil.

### FEEDBACK

RFS: 4040783

Compliment from Lauren:

07-Jan-2021 – Lauren has asked me to pass on her thanks for the work carried out on Masters Access Road, Ahipara.

### FEBRUARY PROGRAMME

The maintenance activities programmed for February 2021 relate to routine sealed and unsealed maintenance activities such as grading, sealed and unsealed potholes, unsealed road metaling etc.

The Pawarenga Road Pavement Rehabilitation (Site 1) enabling works are well under way and digouts are being completed, so metal will be starting to be run in.

Watertabling, clearing, tree work, culvert replacement, ongoing on Peria Rd seal extension, seal third 1.3 km.

Church Rd Seal Extension running in metal works will start. Reseal patches will continue.

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WAKA KOTAHI NZ TRANSPORT AGENCY -NORTHLAND ACTIVITY UPDATE



Activity	2018-21 NLTP	Completion	Progress	Commentary
State highway maintenance,	\$75.40M	5%	Amber	Waka Kotahi has commenced this year's programme and completed the works deferred due to COVID19.
operations and renewals				Our finalised programme is 110 lane km's and to date we have completed 12 km. SCRIM sites planned to be completed in Dec 2020.
Low Cost / Low Risk	\$5.3M	40%	Amber	Far North District Council Projects
				Resilience projects: SH1 Otiria Flood Mitigation started; SH10 Bushpoint works completed.
				Safety projects: Moerewa Pedestrian Safety raised platform pedestrian crossing design completed ready for final consultation which is programmed February construction to start March. Kaeo Pedestrian Safety concept design completed installation after Waitangi weekend.
				Walking and Cycling Projects: SH11 Haruru Falls Design – geotechnical works review completed. NTA have provided an alternative design Waka Kotahi have reviewed and NTA to seek funding.
				SH12 Omapere to Opononi 3km – Building a shared user path in collaboration with NTA work to tie into current NTA renewals work. Currently pricing this work.
				SH1 Kawakawa Ped Crossing – A pre-lim design has been completed for a raised platform working with FNDC Innovative Streets Project team.
				SH1/North Road (Kaitaia) Intersection design is completed. Works will begin in early February 2021 with streetlight installation before pavement works in late February.
				Kaipara District Council Projects
				SH12 Signs & Delineation West of Maungaturoto completed.
				Other
				Four projects are to be delivered this financial year with signage targeting safety on SH15, SH11, SH10 and SH1 Cape Reinga. Physical work to start imminently.
				Mangamuka Gorge: The Gorge is closed due to the July Storm Event. All piles completed at for the main slip. Final design for realignment is complete. Slip 7 works has started with piling. Work is progressing well and we are working towards the possibility of convoys.
SH1: Dome Valley Safety Improvements	\$31.7M	Late-2021	Green	Approximately 800m of flexible median safety barrier was installed in the vicinity of Sheep World late December. Approximately 2.2km of flexible median safety barrier will be installed south of Hoteo Bridge in March 2021. Work continues in stages 3 and 5, either side of the Dome peak. This work is planned to be completed late 2021.
				SH1 Dome Valley   NZ Transport Agency
Northland speed review		2021	Green	SH10 Awanui to Kaingaroa - a second round of public consultation on proposed new speed limits along this corridor closed on 20 December 2020. Consultation feedback is currently being analysed and will be considered alongside technical assessments of the corridor to help inform the final decision on the proposed speed limit changes.
				Speed Review Locations   NZ Transport Agency
SH1 Whangārei to Te Hana - Whangārei to Port Marsden		Late – 2027/8	Green	Landowner consultation continues for the emerging preferred corridor, with the first community events scheduled for 24 Feb (Mata Hall) and 27 Feb (Town Basin Hub).
Highway - NZ Upgrade				Geotech investigations scheduled to commence from February, once land access approvals have been received and processed.
Programme				The preferred option will be confirmed by mid-2021, through the development of the Single Stage Business Case (SSBC).
<ul> <li>Port Marsden Highway to Te Hana</li> </ul>				Lodgement of Notice of Requirement and resource consents is currently programmed for early-2022, with construction programmed to commence in late-2023/24.
				The Port Marsden Highway to Te Hana section is not funded by the NZ Upgrade Programme and therefore funding is required to complete the SSBC. Whangarei to Te Hana   NZ Transport Agency
				Whangarei to Port Marsden Highway
				Dec. 100 - 107

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Activity	2018-21 NLTP	Completion	Progress	Commentary	
SH1 Whangārei to Wellsford Standard Safety Intervention	\$4M	Underway	Green	Tender evaluation this month Whangārei to Port Marsden Highway (Northern) section Physical Works contract. Subject to funding and approvals, implementation is programmed to start April 2021.	
(Road to Zero)				Pre-implementation underway for Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford). Construction of minor interventions (rumble strips etc) will commence from mid-2021, with main construction expected to commence mid-2022 (subject to funding and approvals). SH1 Whangarei to Wellsford   NZ Transport Agency	
SH1 Warkworth to Wellsford		Route protection	Green	Auckland Council's decision on resource consents and recommendation on the Notice of Requirement (NoR) is expected imminently. Dates for appeals on the resource consents and Waka Kotahi's decision on the NoR will be confirmed once Council's decision is released. <u>SH1 Warkworth to Wellsford</u>	
SH1 Loop Road Safety improvements	\$48.76M	Early 2022	Amber	Minor intersection improvements at the Otaika Valley Road (SH15)/Loop Road intersection are due for completion in mid-February. Intersection improvements at Portland Road, as well as works north of the roundabout, continue.	
				Consent hearing for the dual-lane scheme (additional southbound lane and new bridge) is confirmed for March. SH1 Loop Road Safety Improvements   NZ Transport Agency	
SH10 Kaeo bridge	\$21.95M	Late 2022	Amber	This project is at the end of the design phase but confirmation of additional funding is required before construction can commence.	
	\$21.35W		Amber	Resource consents have been approved by Far North District Council and Northland Regional Council. All property agreements have been signed, an archaeological authority has been issued and a wildlife permit has been granted.	
				We are working with local iwi/hapū on cultural design elements.	
				Kaeo Bridge   NZ Transport Agency	
SH10 Waipapa corridor improvements	\$24.5M	Early 2021	Green	n The majority of works on the roundabout, SH10, Waipapa Road and Skippers Lane portions of this project are complete. A final layer of asphalt wil laid during the week of 15 February.	
				Remaining works include an extension of Maritime Lane to link with Klinac Lane, including construction of a bridge over the Whiriwhiritoa Stream, and a carpark at the end of Waipapa Loop Road.	
				Delays to the bridge construction may push the completion date for this project out from April to May/June 2021. This will be confirmed and communicated to the public in the coming weeks.	
				We are working with local hapū on cultural design elements.	
				SH10 Waipapa Corridor Improvements   NZ Transport Agency	
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	\$6M	Mid 2021	Green	Traffic flowing through operating roundabout and construction of retaining wall making good progress with design for carved panels confirmed. We are working with local hapū on cultural design elements.	
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	\$15M	Mid 2021	Green	Roundabout now operating. More asphalting scheduled for February. We are working with local hapū on cultural design elements.	
SH12 Rawene Road intersection improvements (NZ Upgrade Programme)	\$0.5M	Late 2020	Amber	Construction of safety improvement elements is scheduled for February.	

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# 3 WATERS OPERATIONS

Water, wastewater and storm water in alliance with Far North Waters. To enable an integrated and flexible approach to Water Management.

# EXECUTIVE SUMMARY

- During the month of January Far North Waters experienced no LTIs or MTIs, and we are currently operating with 1,219 days LTI free.
- We attended 422 requests for service (RFS) call outs in January, the same count as December. Planned Maintenance (PM) for January was 90% out of a total of 95 jobs.
- Kerikeri Water pressure New World and retirement village: Big repair has been completed on the 11 Jan during the night to replace 12 m long section of the main feed line (150 mm dia.) to the Waipapa reservoir. Pressure issue has been sorted.
- Kerikeri Wastewater Treatment Plant: Two new operators started on 11 Jan as dedicated operators to this plant. Both are currently in training on the new plant and are doing very well.

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### CHALLENGES

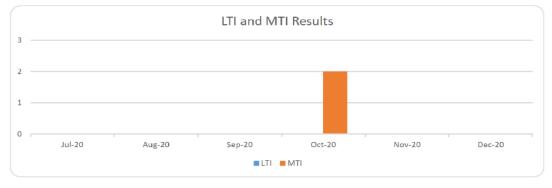
- Environment wastewater spill to water: PS12 in Mill Bay, Mangonui: A spill occurred on 12 Jan, which was not reported to NRC and DHB as it should have been. However, our retic staff on site unblocked the line and fixed the problem in less than 2 hours. They took a sample on the day of the spill and then another on Friday the 15th. On site, there was evidence that the sewage (vol. max 1 m3 estimated) entered a small stream which flowed into the sea. In accordance with the DHB recommendations, a sign was erected to warn the public. From this we have set up a spill process reporting meeting, so this reporting error does not happen again.
- Taipa WWTP Sampling points: The farmland owner at Taipa where we access to complete our sampling has made it clear to us that FNDC has no formal easement for access onto his land and until this is sorted access will be denied. Without access to this site this will stop upstream and downstream sampling of any type so we will not be compliant. This has been escalated to FNDC.
- New Kerikeri Wastewater Treatment Plant: Handover not completed yet as there are still some outstanding jobs. However, connected to the WWTP, the Low-Pressure Systems are slowly being commissioned by United Civil and new pumps are being installed.
- ECB Pump station 5: Has been destroyed by a Motor vehicle. Temporary repair is in place.

### RISK

- Much of the reporting period was again taken up with working on the spreadsheet received from the DIA for the 3 Waters Reform request for information.
- Work continued on the development of a comprehensive Risk Register for individual water treatment plants throughout the District. A generic template is still under development which will be used as the basis for individual plant risk registers. This work was put on hold due to other commitments with the DIA RFI, however, was further progressed later in the month.
- Work continues with scoping capital and programmed works for FNDC Assets team as and when required.
- With the greater focus on compliance under regulatory changes ahead, there are major problems getting the required data on to the SCADA system due to the aging PLCs. This is seen by the engineering staff as the most critical risk to the business. Our recommendations are to carry out the actions recommend by the independent review before things become more serious and affect the ability to comply with the new regulations coming in.

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## HEALTH AND SAFETY



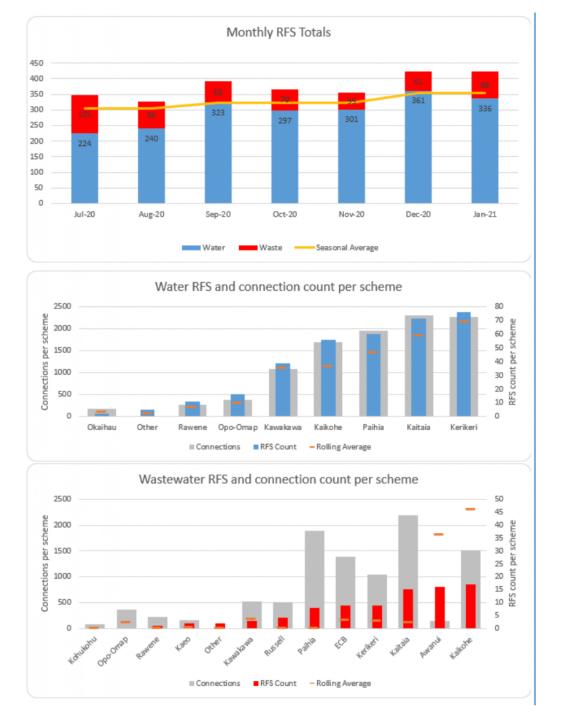
- Risks and Opportunities
  - o Opportunities Wellbeing of staff members physical health
  - o Risk Working with an older fleet of vehicles.
  - Risk Working over, near and in water.
- Key Activities: Back to Basics meeting for all Employees (Kaikohe on 14 Jan + Kaitaia on 15 Jan): Job start procedure, vehicle check, reporting process and other procedures have been reviewed, followed by a morning tea. FNDC management attended the meeting. On a Monthly basis, another meeting has been planned (next is Feb).

Incident Date	Incident Type	Severity	Description
07/01/2021	Non work-related injury (Report only)	Moderate 6	Worker was struck by private vehicle. Significant discrepancies between the IP's statement and GPS records indicates the injury occurred outside normal work hours.
12/01/2021	Environment	Moderate 6	Two pump station—both pumps failed creating overflow when the volume of wastewater increased. Scada alert reported the incident to an unallocated phone number
18/01/2021	First Aid Injury	Low 4	While talking on the phone the IP stepped back, tripped over a pump part, and fell onto a storage box. The IP experienced bruising and grazes.
20/01/2021	First Aid Injury	Low 2	While closing a gate the IP jammed her finger between the gate and striker plate.

## CUSTOMERS

The request for service (RFS) total for January was 422, the same count as December. The total for January 2020 was 510, and January 2019 was 398.

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## PROJECTS

• The current focus is to continue to complete the work in hand by the end of June 2021.

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- Kawakawa WTP Work is 99% completed, internal audit completed with NCRs raised for mainly documentation issues. Updated PLC to be installed.
- Work is now underway with Stormwater work, training and systems are being developed.

### Current projects:

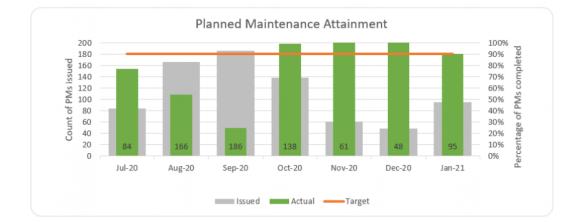
- Waipapa Roadworks and water main realignment, this work is underway with Ventia contracting to Downer for the water main replacement. This will resume mid-February.
- Kawakawa Water Treatment Plant Plant is now complete, except for the installation of the upgraded PLC. PLC will be installed mid-February. An internal audit was undertaken with a small number of NCRs raised due to documentation issues.
- **Stormwater** currently heavily involved setting up processes regarding this work type, work is underway.
- Kaitaia Zonal meters Currently underway
- Okaihau Bore Commissioning The civil component of this work was completed over the Christmas break.
- Kerikeri Police Station Completed
- Water meters new program now underway
- Fibre to Cumber Road working with Chorus to get fibre to our Cumber Road site, this has been delayed.

### ASSETS

Planned Maintenance for the month of January was 90% for a total of 95 jobs.

The main generator at Paihia Ponds STP failed at the beginning of December. Parts are approximately 3 months away. The district portable generator was transported out and hooked up to enable the plant to continue running. The failed generator has experienced a major fault, so the second generator was installed. It is recommended that an independent assessment of the main generator is undertaken, and the installation fit for purpose.





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PUKETONA JUNCTION INTERSECTION IMPROVEMENTS – CONSTRUCTION UPDATES



UPDATE -

No updates for January.

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KAWAKAWA INTERSECTION IMPROVEMENTS – CONSTRUCTION UPDATES



### UPDATE - 22 JANUARY

Our first construction update for the year and the good news is that we are nearing the end of the major construction program.

By the end of February the site will be mostly clear, with the large concrete panels in the retaining wall still to be installed and some small finishing items left to be completed in March. Landscaping will take place from April, with some urban design aspects.

- Immediately on the construction program we have:
- Backfilling and drainage behind the retaining wall
- Remaining kerb to be installed
- Preparation on the eastern side of the intersection for filling in the traffic island and cycleway

Installation of our large "destination and direction" roundabout signs. This will be 2 night shifts in the next 1-2 weeks. As we need to work around public holidays and long weekends, we will confirm these dates at least 72 hours ahead when confirmed.

Final layer of asphalt to be applied to road surface

Asphalt will be 1-2 shifts of night works, in February. When we have confirmed dates, we will also communicate these to you ahead of time.



## UPDATE – 29 JANUARY

The night works mentioned in our previous update have been scheduled for Tuesday 2nd and Wednesday 3rd February. These works are to install large destination/directional signs.

Sign installation involves using a hydrovac for pole placement and noise levels are minimal.

Works will begin from 7pm and there will be manual traffic control and a 30km temporary speed limit in place.

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# 7 KARAKIA WHAKAMUTUNGA – CLOSING PRAYER

8 MEETING CLOSE