



Far North  
District Council



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# Infrastructure and Asset Management

## Monthly Business Report

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FEBRUARY 2021

HE ARA TĀMATA  
CREATING GREAT PLACES  
*Supporting our people*

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# SUCSESSES



## ECOSOLUTIONS WASTE MINIMISATION EDUCATION

**EVENTS** - EcoSolutions coordinated and ran recycling and waste services at the Waitangi Day celebrations including the PM's breakfast. It was a long day from 5am till 7pm, with 30 volunteers and 10 staff. This was a great success with 90% of waste diverted. We believe this is the highest diversion rate attained at any event in Aotearoa of this size.



**BUSINESS VISITS** - we have been visiting our kindergartens offering assistance to install recycling systems and model sustainable behaviour; including diverting compostable waste. Once systems are setup, we will pass this on to a Community Compost Connection co-ordinator. We have highlighted successful waste reduction in Te Wawata, who were delighted to show us their reduction from one rhino of waste each week, to one wheelie bin of nappies. While River kids were happy to share online their success in reducing paper towel waste to one small plastic bag every three weeks.

## POSITIVE FEEDBACK FOR RECREATION SERVICES LTD (RSL)

Facebook compliment on Northland Grapevine "How far does "thank you" go" ... A BIG shout out to FNDC Recreational Services! 3 days taking driftwood and debris off Ti Beach and Paihia beaches so families can picnic and play in the sand on our wonderful beaches. Well Done. So next time you see a Recreational Services truck...honk, wave or say thanks for a job well done.



**CAPITAL  
SPEND  
ANALYSIS**



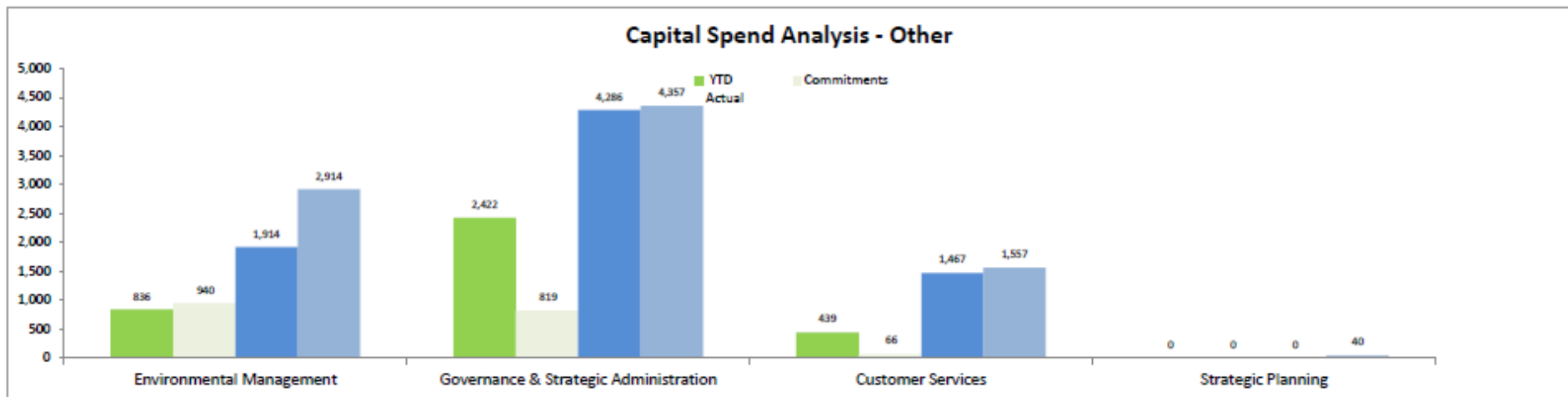
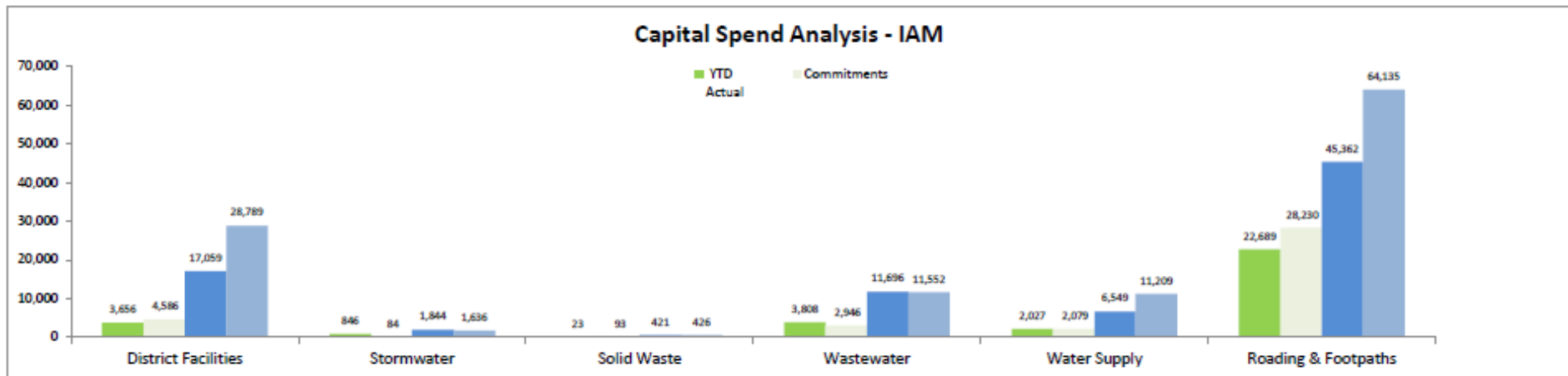
## Capital Spend Analysis

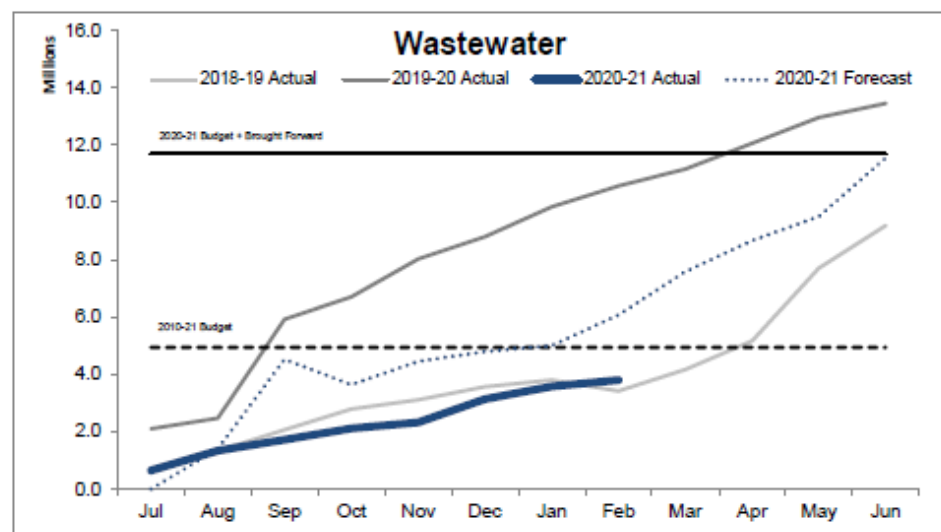
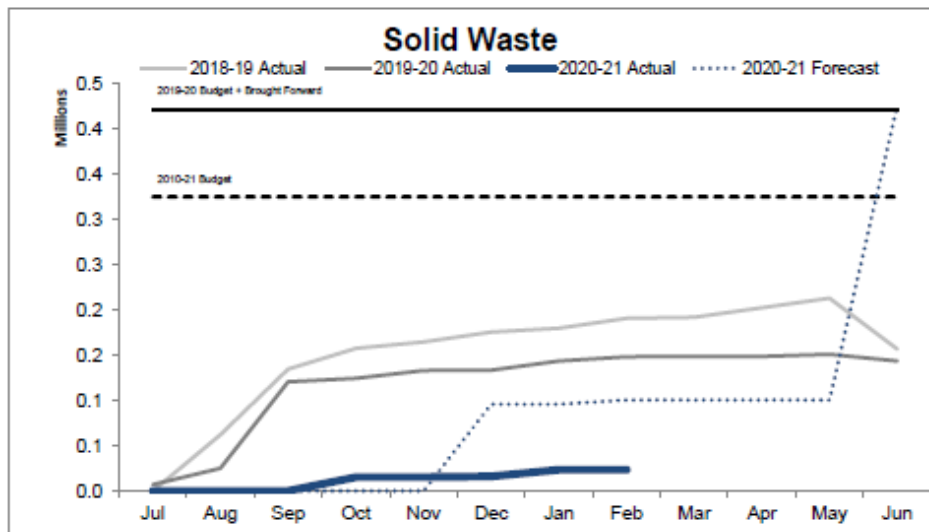
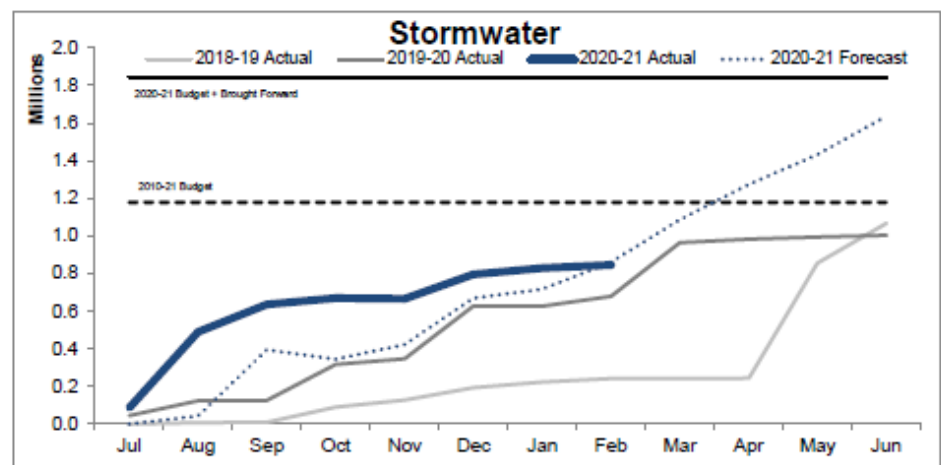
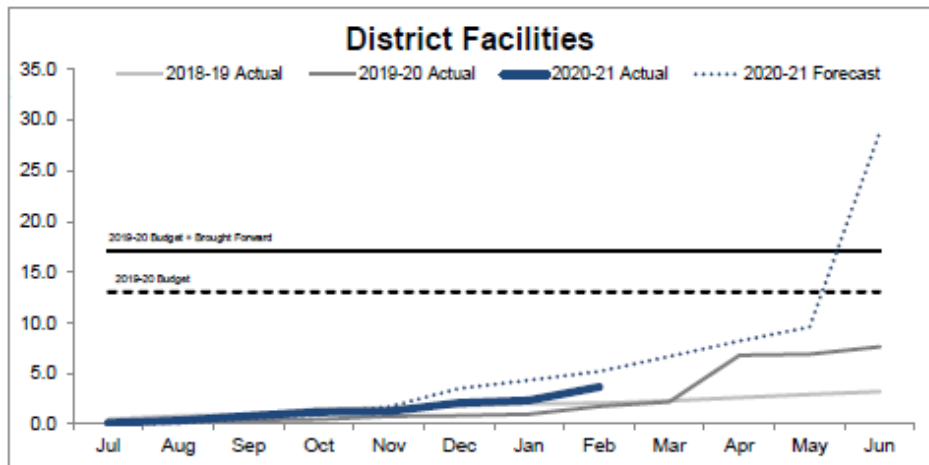
as at 28-Feb-2021

LTP Group	YTD (\$000's)		Full Year (\$000's)							
	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	3,656	4,586	13,028	4,031	17,059	21.4%	28,789	12.7%	169%	11,730
Stormwater	846	84	1,179	666	1,844	45.8%	1,636	51.7%	89%	(209)
Solid Waste	23	93	325	96	421	5.5%	426	5.5%	101%	5
Wastewater	3,808	2,946	4,936	6,760	11,696	32.6%	11,552	33.0%	99%	(144)
Water Supply	2,027	2,079	4,495	2,054	6,549	31.0%	11,209	18.1%	171%	4,659
Roading & Footpaths	22,689	28,230	37,388	7,974	45,362	50.0%	64,135	35.4%	141%	18,773
<b>IAM Total</b>	<b>33,050</b>	<b>38,018</b>	<b>61,351</b>	<b>21,580</b>	<b>82,931</b>	<b>39.9%</b>	<b>117,746</b>	<b>28.1%</b>	<b>142%</b>	<b>34,814</b>
Environmental Management	836	940	0	1,914	1,914	43.6%	2,914	28.7%	152%	1,000
Governance & Strategic Administratic	2,422	819	2,334	1,952	4,286	56.5%	4,357	55.6%	102%	70
Customer Services	439	66	533	933	1,467	29.9%	1,557	28.2%	106%	90
Strategic Planning	0	0	0	0	0	0.0%	40	0.0%	0%	40
Other Total	3,696	1,825	2,867	4,800	7,667	48.2%	8,868	41.7%	116%	1,200
<b>Total</b>	<b>36,746</b>	<b>39,843</b>	<b>64,219</b>	<b>26,380</b>	<b>90,599</b>	<b>40.6%</b>	<b>126,613</b>	<b>29.0%</b>	<b>140%</b>	<b>36,015</b>

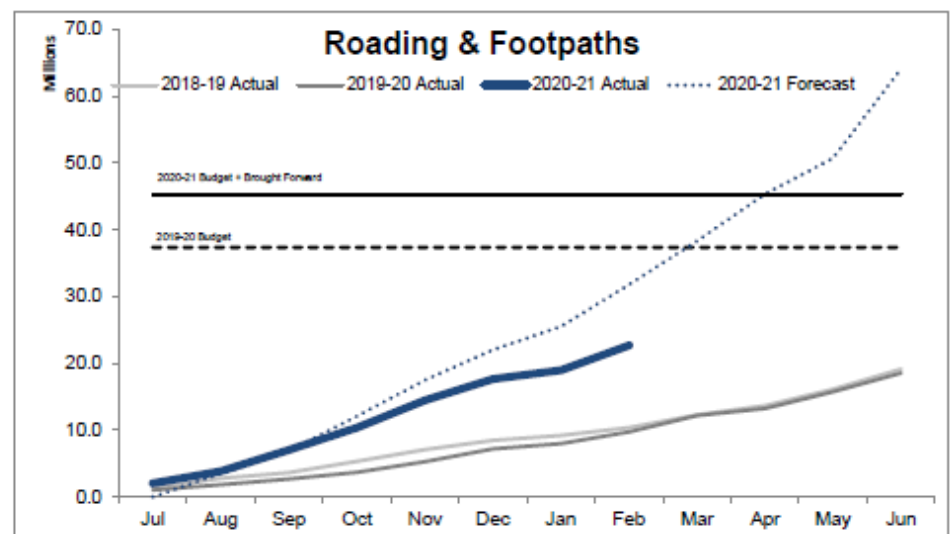
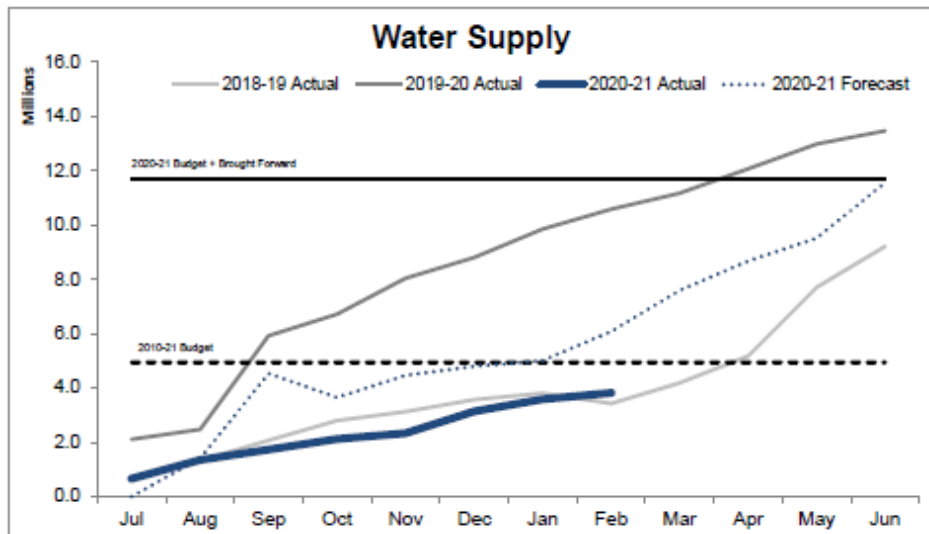
### Comments:

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









# ROADING

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

## EXECUTIVE SUMMARY

Waka Kotahi are continuing the review and moderation process of the submitted the Draft AMP document and the financial requests noting that on 16th February 2021 Waka Kotahi's CE Nicole Rosie advised the Local Government sector of developing funding constraints.

The draft Regional Land Transport Plan (RLTP) has been approved by the Regional Transport Committee with the consultation process occurring through March.

Despite less activity completed in January that originally anticipated initial assessments indicate good progress was made throughout February and a high level of confidence remains for the completion of the significant 2020/21 Capital works programme. 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.

While the installation of signage is currently on-track for completion at the end of February, with implementation of new Okaihau – Kaeo - Waimate catchment speed limits scheduled for March we are encountering significant apparent opposition to the changes from community demonstrated through an unsustainable rate of vandalism of associated new signage.

Revenue received from ticket sales for the 2020/21 financial year to date is approximately 16% higher when comparing the same period for the previous financial year, primarily as a result of a strong domestic tourism market due to the Covid-19 pandemic.

Customer interaction numbers have increased in February, in part a result of the dry weather impacting on the ability to complete full maintenance interventions (grading etc.) on the unsealed network. In addition, the interaction numbers within the Roading Correspondence category remains unusually high.

## 2021/24 AMP DEVELOPMENT PROGRESS

Waka Kotahi are continuing the review and moderation process of the submitted the Draft AMP document and the financial requests from each Council, the last version of which was 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 the requested 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.

Waka Kotahi CE Nicole Rosie provided an update on the NLTF funding and constraints through a Zoom Conference with Local Government Representative on Tuesday 16th February which was followed by this [press release](#) from LGNZ.

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

A workshop was held following the Regional Transport Committee (RTC) meeting of 10 February 2021 to finalise the prioritisation of the projects included within the RLTP.

The Draft RLTP was subsequently approved by RTC, with the first public consultation session scheduled for Monday 8<sup>th</sup> March. Have your say drop in sessions are scheduled for the week commencing Monday 8<sup>th</sup> March at several individual locations across the Region (5 of which are in the Far North District), with the consultation period ending on 26<sup>th</sup> March 2021.

## CENTRAL GOVERNMENT POLICY SUBMISSIONS

There were no Central Government submissions in the past month.

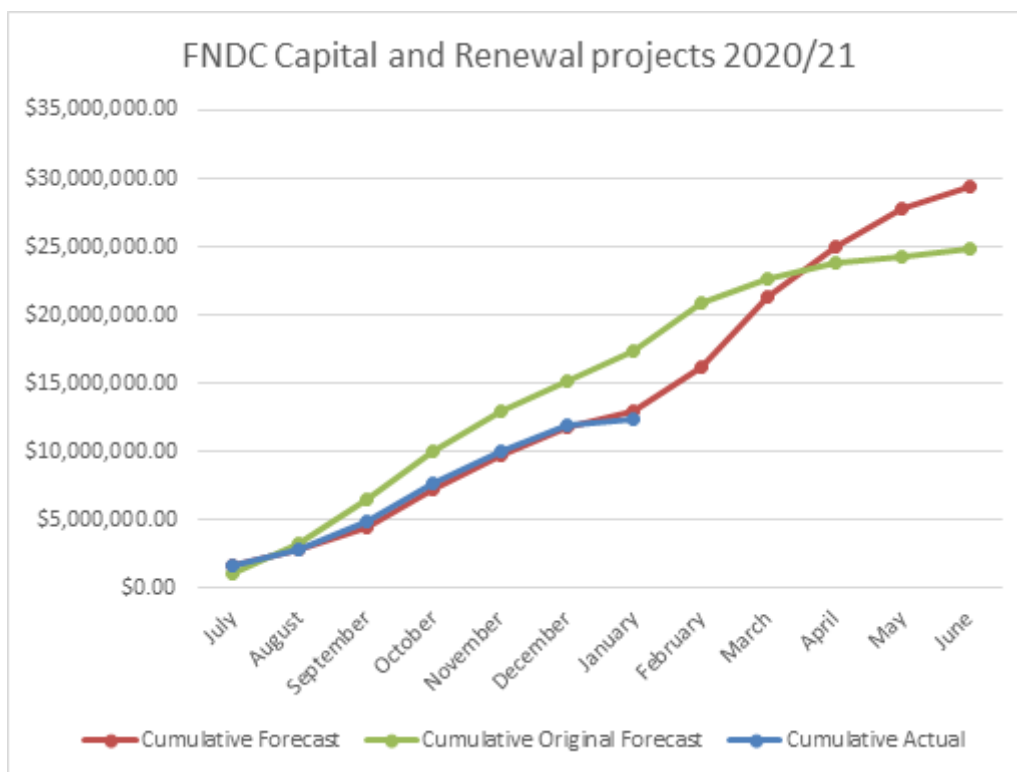
## CENTRAL GOVERNMENT POLICY SUBMISSIONS

There were no Central Government submissions in the past month.

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

The majority of the original programme was completed at the end of February 2021 as per the agreed contractual completion date. During February MBIE approved the request for a time extension through to the end of May 2021 to allow for completion of some remaining activities associated with the additional \$2m storm funding component.

## FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY



### Projects started in February 2021

Category	Sub activity	Location
125 - Footpath Maintenance	Footpath Renewal	SH12 Opononi
214 - Sealed Road pavement rehabilitation	Rehabs	Waimatenui / Mataraua Road
215 - Structures Component Replacement	Bridge	Scour protection across the network
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

Category	Sub activity	Location
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	Safety	Roadside Barriers (Guardrails) and Associated Improvements
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner

#### Projects to start in March 2021

Category	Sub activity	Location
341 - Low Cost Low Risk	Safety	Audible Tactile Profile/Structural Road Markings (HRRR WC341)
140 - Minor Events	General Maintenance	Waikare Road - various locations
341 - Low Cost Low Risk	Lighting	Various District Roads
341 - Low Cost Low Risk	Pedestrian Improvements	Hobson Ave Ped Crossing
215 - Structures Component Replacement	Bridge	Puhata road
341 - Low Cost Low Risk	Bridge	West Coast Road G01

Photo Wall



Horeke Road Rehab/Completed Seal Surfacing



Church Road, Kaitia Seal Extension/Culvert installation and overlay progress



Koropewa Road, Waipapa Seal Extension / Sub-base overlay progress



Pawarenga Rehab / Prepared pavement surface (ready for seal) with running coarse



Signal Station Road/ Completed Footpath



Pungaere Road, Waipapa Seal Extension/Pavement overlay progress section 1

## FNDC Significant Projects

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	90%	Sealing of the approaches and practical completion	Final inspection / practical completion
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	9%	Contract awarded for construction works package	Carry-on with construction works package
341 - Low Cost Low Risk	Resilience	Panguru Road	100%	Stage A & B construction complete.	
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%	Construction completed.	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.	In Defects Period.
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	67%	Construction completed.	In Defects Period.
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	100%	Construction completed.	In Defects Period.
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	100%	Construction completed.	In Defects Period.
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	8%	Signages manufacturing and construction/ installation are underway	complete all sign installation and start road marking work
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	Engaged with the contractor to start Pou installations. Programmed works to start April 2021.	Pou installation in April and May
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	51%	Contract awarded for construction works package	Carry-on with construction works package

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
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	100%	All key work items completed	Complete minor finishing works
Resilience - Unsubsidised	Resilience	Panguru Road	0%	Working with NRC and FNDC for approval of Stage C enhanced works	Sign NRC/FNDC agreement and start construction of Stage C enhanced works.
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)	68%	program 80% complete	chipseal complete, small AC job in Waitangi early April

## ROAD SAFETY AND TRAFFIC ENGINEERING

### Speed Limit Reviews

- **Waimate - Okaihau - Kaeo Speed Review:**
  - The installation of signage is currently on-track 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.

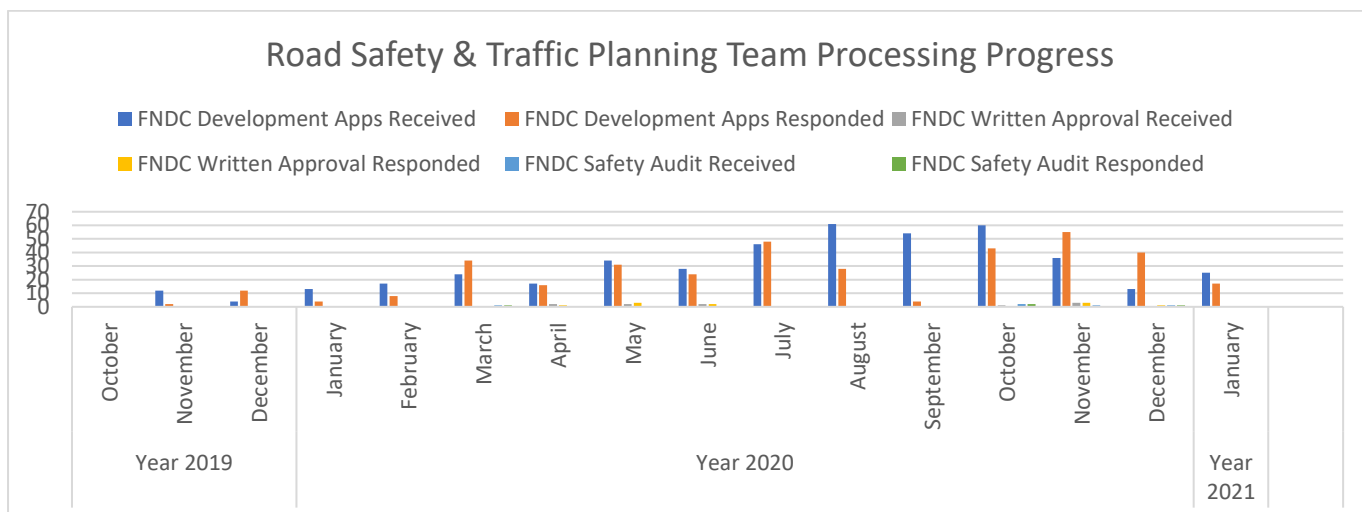
### Other Developments

- 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.



## 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%
<i>Regional Average (5 Contracts)</i>	<i>96.4%</i>	<i>93.4%</i>	<i>92.6%</i>	<i>93.8%</i>	<i>96.0%</i>	<i>96.6%</i>

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
  - 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.

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 for the financial year to date (February) is 16% higher than the same period in the previous financial year.

Fullers (the Operator) are preparing to carry out the implementation of their Electronic Ticketing system on the service.

## 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 Installation
  - Paihia near completion.
  - Haruru Falls progressing well.
  - Russell starting shortly.
- UFB 2+ installation

- Rangitane near completion.
- Okiato near completion.
- Opuia starting shortly.
- Waipapa still in progress.
- Rawene starting soon.
- Roundabouts
  - Waipapa is progressing well with islands, topsoil & grass. Preparation for the bridge is underway, Final Hotmix had to be postponed, and will probably be done early April.
  - Puketona progressing well.
  - Kawakawa progressing well.
- Sewer Kerikeri
  - Good progress with the sewer connections to the new system.
- SH10 widening from Pataka Lane to Kahikateroa Rd commencing shortly.
- Mathews Ave progressing well.
- Pavement reconstruction or new construction is happening over the district.
- New footpath construction is happening.

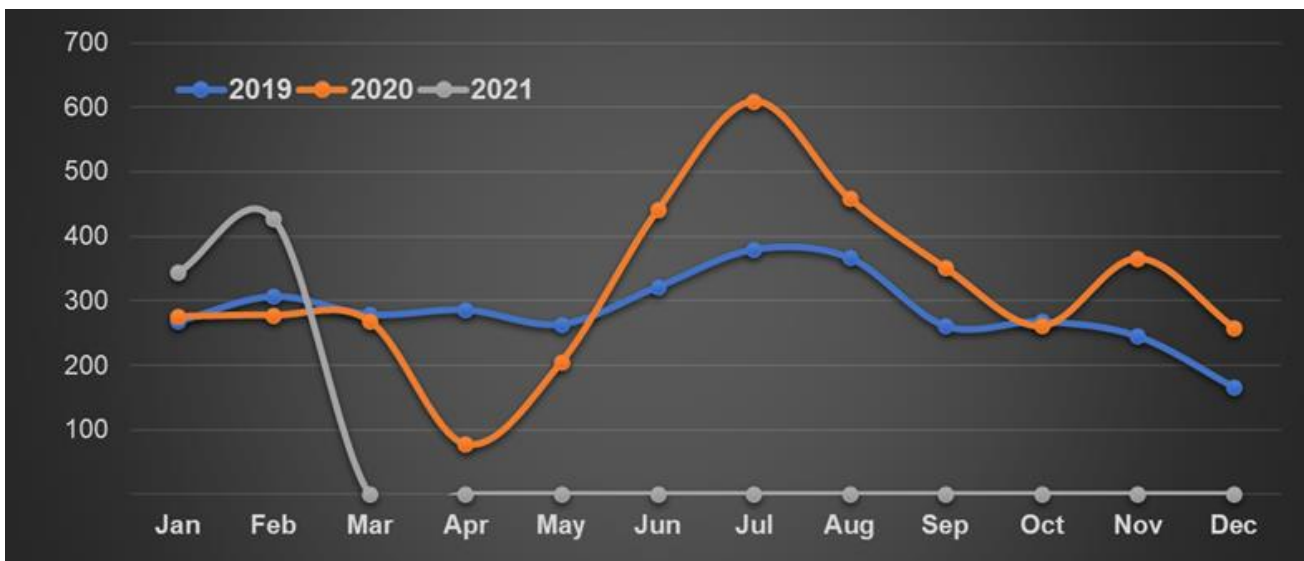
## THE CUSTOMER EXPERIENCE

### Request for Service

The chart below would appear to reflect a larger than normal number of Customer Interactions for the time of year. There are two reasons for this:

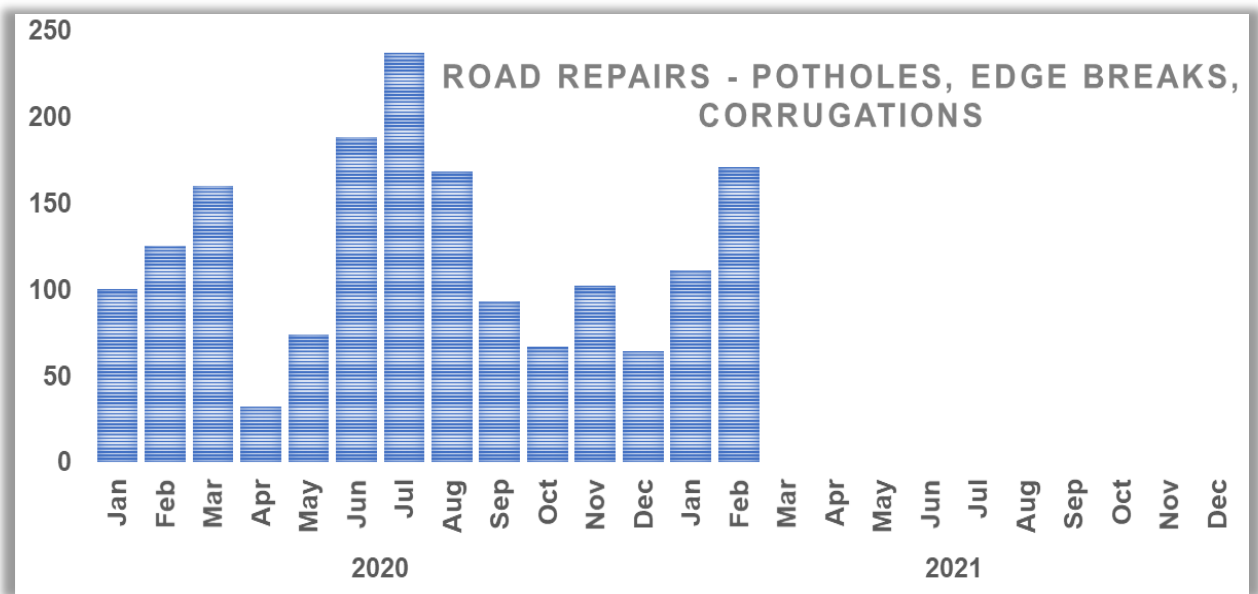
- The level of the Roothing Correspondence category remains unusually high.
- Seasonally dry unsealed road network no being practical for full maintenance operations. i.e. grading.

A full team workshop to identify and address weak points in this was due at the end of February. However, this has now been rescheduled for April due to resourcing and pressures on project completions.



As above, there has been a seasonal increase from last year for maintenance road repairs. However, this is not the main impact of the year-on-year increase. The category below received the highest number in February.

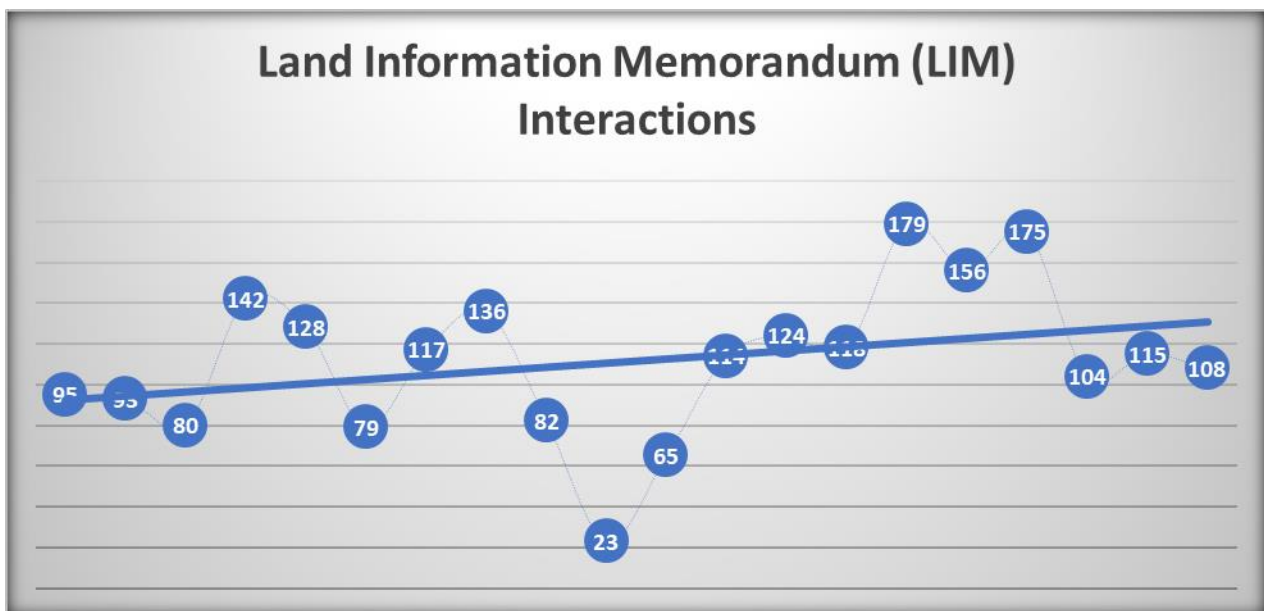
Despite this, it continues to be the impact of Roding Correspondence the is adversely affecting year-on-year numbers.



### Land Information Memorandum (LIM)

This is an area of work that the NTA undertakes and has seen an increase in activity. Therefore, to ensure workloads are being tracked and understood, this will now be included each month.

The following chart show how the increase has happened over time. Using the trend line to map the direction of this trend, there is an increase of approximately 36% in a period of just over 18 months.



# PROJECT DELIVERY

Managing delivery of the capital works programme (new works and renewals) as defined by the Long-Term Plan.

## EXECUTIVE SUMMARY

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

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

**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, acoustic report for Resource Consent application received, Resource Consent application and information being put together, Neighbours' approval to be obtained.

Key Project Risks	Mitigation of Risk
Funding	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 are captured
Non-compliance	Current structures non-compliant, existing building to be demolished and new kennels 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
Tender Award	Mid-June 2021	On track	
Construction	Mid to Late July 2021	On track	

**Project Budget Status**

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,443,489.00	\$81,510.30	\$1443,489.00

**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 completed sealing all tilt panel joints, slab inspection from engineer and FNDC carried out, poured concrete to administration/garage/exercise yards. Completed aquaron application to all concrete floors and panels, removed all exterior boxing, prepped floor to the passage area. Cut and erected all timber wall framing, packed the girts to the kennel building. Fixed the roofing/wall clad/spouting and downpipes to the kennel building.

Preliminary site levelling to the exterior of both buildings, fitted the cesspit to the carpark area, lay new data duct pipework into site from main road.

Key Project Risks	Mitigation of Risk
Funding	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	Actual Spend to Date	Forecast Total Spend
\$1,470,989.00	<i>Construction: \$739,115.35</i> <i>Project Management Time and Professional Fees: \$15,016.35</i>	\$1,470,989.00

**Project Phase: Design/Consents/Construction**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	Green	Green	<b>Mitimiti:</b> Construction is completed at Mitimiti & CCC achieved; Toilet is Operational
	Green	Amber	<b>Opononi:</b> Construction began prior to Christmas and is expected to be completed in March 2021.
	Amber	Amber	<b>Waitangi:</b> Building Consent is approved; Resource consent is granted however with still need approval from Heritage NZ.
	Green	Amber	<b>Haruru Falls:</b> 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
<b>Scope</b>	Green	Green	<p><b>Waitangi:</b> Scope is clear and approved by Stakeholders</p> <p><b>Mitimiti:</b> Construction complete.</p> <p><b>Opononi:</b> Scope is clear and defined.</p> <p><b>Haruru:</b> Scope is clear and defined. We are taking power feed from pump station back to site to run pump.</p>
<b>Schedule</b>	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.
<b>Cost</b>	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
<b>Project Risk</b>	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 – Prefabricated Toilet has been constructed and is in the curing phase in the factory.
- 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 March 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 look at possible Direct Award of Contract to meet deadlines
Waitangi Toilet – Archaeological Site	Further Iwi Engagement for new site.

Key Project Milestones	Expected	Status	Comment
Waitangi Toilet – Iwi Engagement	July 2020	Delayed	This is with Infrastructure planning to secure Archaeological Authority from Heritage NZ. BC & RC completed
Opononi Construction	October 2020	Met – Late (November)	Construction Underway
Haruru – Prefab installation	May 2021		Contract Awarded to Permaloo

**Project Budget Status**

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,045,688 (combined)	\$533,996	\$1,000,000 (combined)



**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 March 2021.
Scope	Amber	Amber	<ul style="list-style-type: none"> <li>A design and scope for the compliance work provided by FNW.</li> <li>A recent change in test certifiers resulted in a scope change.</li> <li>KKWTP was included in the District wide Scada/Telemetry upgrade project to have a new PLC installed for the operation of the WTP.</li> </ul>
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 March 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 arrange for the final HSWA Compliance audit. The HSWA audit has been schedule for March 2021.

**Monthly Summary:**

FNW monthly progress

The as built information i.e. the Functional description (FD) and Process and Instrumentation Diagrams (P&IDs) have both been completed. FNW is currently working on the new PLC programme. When satisfied that the WTP is functioning properly, FNW will arrange for the final HSWA Compliance audit. The HSWA compliance audit has been re-schedule to March 2021.

Key Project Risks	Mitigation of Risk
Impact of Covid 19 on project schedule	Closed
Delays with material supply during lock down	Closed
Limited number of resources allowed to work on site during lock down.	Closed
Possible increase in cost of materials	Closed
Delay in completing BC works – CCC not issued	Closed
Change in Test Certifier – change in scope	Accept and monitor
Impact on water supply when commissioning new equipment into service	Management of change
New PLC upgrade – delay in completing the electrical works and switch over	Accept and monitor
Chemical deliveries – decanting area does not meet IXOM requirements	Closed

Key Project Milestones	Expected	Status	Comment
Compliance Audit	Dec 19	Completed	
Order chemical tanks	April 2020	Completed	
Install chemical tanks	May 2020	Completed	
Chlorine room fit out	June 2020	Completed	
Electrical fit out	July 2020	Completed	
Issuing of Location certificate	Sep 2020	Late	March 2021

**Project Budget Status**

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$220,000	\$177,475	\$220,000

**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. A formal process is underway that could delay award until end April 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 and 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 landowner
- 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 landowner’s 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 date was on 26th February whereafter all parties have time to submit evidence and supporting documents before 24<sup>th</sup> of March 2021. Hearing date will then be set.

Other property agreements are progressing, it will not be possible to resolve some easements until the route with the landowner 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 April 2021 resulting in a 21-week delay to contract award.

Key Project Risks	Mitigation of Risk
There is a risk that easement negotiations delay the award of contract.	Continued focus to project team to resolve Meeting with landowners with Elected Members Formal process using Local 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 during the construction programme	Request contractor mitigation 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 31/04
Practical completion	September 2022	Delayed	To be revised however delay to contract award will likely increase this to beginning of 2022.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
<i>Finance to provide</i>	<i>Finance to provide</i>	<i>Finance to provide</i>

**Project Name: Kerikeri WWTP & Reticulation**

**Project Phase: WWTP Construction**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	<b>Amber</b>	<b>Amber</b>	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 100 of the 319 properties are connected to the new scheme with sign off letters from the owners by the end of February 2021.
<b>Scope</b>	<b>Green</b>	<b>Green</b>	
<b>Schedule</b>	<b>Amber</b>	<b>Amber</b>	Design discrepancies, resolution of compliance and health and safety issues are identified and managed.
<b>Cost</b>	<b>Amber</b>	<b>Amber</b>	Cost implications have been communicated to PSG via report dated 28/02/2020 and are not expected to be exceeded.
<b>Project Risk</b>	<b>Amber</b>	<b>Amber</b>	<p>Schedule extensions and cost increases are managed as stated above.</p> <p>Pipework damages within Area of Benefit in the Reticulation portion, which were discovered during pressure testing in November 2020.</p> <p>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.</p> <p>Unforeseen operational issues were picked up by Far North Waters during operation in December 2020/January 2021 and was discussed between Far North Waters and FNDC. A final list with costs and a risk register will be prepared to determine the propose way forward.</p>

**Monthly Summary:**

Construction of the new Treatment Plant is completed with only the final adjustments to the Dewatering Plant and some operational issues are outstanding. The plant is operational and all documents were handed over to Far North Waters. A meeting is scheduled for the 4th of March between FNDC and FNW to discuss issues at plant, operational costs and the funding required to get everything sorted.

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 100 of the 319 properties already connected with sign off letters (happy letters) from the landowners by the end of February 2021.

**Key work completed during February 2021**

**Treatment Plant**

• **Construction - Roading / Earthworks / Pipework**

- o Attending to Defects;
  - Decant valve of SBR 1 having feedback error either not opening or closing.
  - Terminal pump station control. Won't change duty in automatic so only can get one pump running.
  - Adjustment of caustic dosing to resolve high Alkalinity results.
- o Construction of access gate for landowner (Craig Lee);
- o Ongoing attending to safety and operational issues raised by Far North Waters;
  - Spare parts list verified. Parts to be procured.
  - Maintenance of Planting area around fence line.
- o Working on the detail of the Asset Data Sheet.

• **Design**

- o Received revised Offer of Service from Mott MacDonald to review handover documentation (reduced scope): decision to be taken if and what needs to be reviewed; and
- o Mott MacDonald investigated the issue at the WAS Tank sludge wasting procedure: A design solution is required to maintain full pipeline and air free operation when pumping. Proposed to move flow meter upstream of Air Filter.

• **Commissioning**

- o Phase 6 Commissioning - Dewatering System commissioning. Bench tests were carried out with a variety of polymers to achieve the best dewatered cake %DS; and
- o Ongoing progress meetings to discuss commissioning progress and issues that are occurring.

• **General**

- o Contract Completion/handover documents (Asset register and O&M Manual etc.) completion;
  - Handover of plant documents to FNW. The following was provided:
  - Asset Data Sheet
  - Components Manuals and data sheets
  - As Built drawings
  - Supplier Information Warranties and installed equipment certificates
  - Electrical Test Results
  - Motor name plate data and protection settings
  - Drive setup Reports
  - Site Electrical Drawings
  - Consent Information
  - Operational Tasks and Maintenance Procedures and Manuals
  - Electrical and Controls Operation Manual
  - Functional Description

- Standard Operating and Maintenance Procedures
- Scada/Telemetry information.

#### Reticulation Contract

- **Construction - Roading / Earthworks / Pipework**

- o Attending to Defects
- o On track to complete work by April/May 2021. Approximately 7 days behind schedule. Currently 4 teams working, with another team starting in March 2021. Started with work in Zone 3, with some outstanding work to be done in Zone 1 and 2;
- o 100 signed off property letters received;
- o As Builts - Surveyor full time on site. Electronic as builts will be provided with XYZ coordinates of tanks and connection to each property. A report will be done for each property;
- o Leaks have been detected and are fixed. Photos are taken and all evidence to be provide to the Engineers; and
- o Request from some owners to keep existing Septic Tank. List of all properties (approximately 12 currently) to be provided. Disclaimer was arranged – yet to be approved by Greg Wilson at FNDC.

- **Design**

- o Amendment to connect to Kerikeri high School and drainage of zone north of School; and
- o Variation of design for connection at 334 Kerikeri Road.

- **Commissioning**

- o Phase 6 Commissioning - Dewatering System commissioning. Bench test

- **General**

- o Evaluation of rates by ETC ongoing;
- o Swipe cards and disposal of septic tanks report required from UCC;
- o Ongoing responding to queries from landowners and RFS's; and
- o Easements required for some variations.

Main activities planned on the Treatment Plant for March 2021 are attending to Defects and the safety and operational issues raised by Far North Waters.

Work will continue by United Civil with the cutting over of the house connections (Zone 3 and 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 planning 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 design odour control efficiency during operations	
Design changes increase schedule and cost		Facilitate alignment between design and construction	
Managing stakeholder expectations		Communicating of timeframes ongoing through monthly newsletters and direct communications by staff and Project Manager. RFS from community are 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 compliant and communicated to NRC.	
Decision on Septic Tanks for individual properties – Request from some owners to keep plastic septic tanks		Decision to be taken by FNDC. Disclaimer drawn up and to be circulated for approval	
Covid-19 level 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	Completed	All commissioning phases are completed with final adjustments at Dewatering Plant happening to get to optimal working status.
Completion of Kerikeri WW reticulation and Close Out	31/05/21	Pending	First and second stage completed. Stage 3 started in December 2020 and will continue until May 2021.
Decommission existing Kerikeri WWTP	30/08/21	Pending	Budget to be confirmed.

**Project Name: Monument Hill Deep Bore Project**

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

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Drilling of the new 123 m deep bore to provide a sustainable supply of highly secure potable water for the Kaikohe community has been completed. Testing to confirm sustainable supply is planned to start the first week in March 2021. The outcome of stage 2 will determine the fate of stage 3. Stage 1: Bore Design and Quality Testing (Complete) Stage 2: Sustainable Yield Assessment & Consenting to provide a sustainable supply of highly secure potable water for the Kaikohe community (In progress) Stage 3: Reticulation and Electrical Design
Scope	Green	Green	The physical works for stage 2 scope is confirmed. The outcome of stage 2 and testing will determine the fate of stage 3. (Will only be done if test results in Stage 2 are satisfactory). 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. Electrical upgrades at the water treatment plant and public infrastructure will be required. Scope to be determined.
Schedule	Amber	Amber	Stage 2 to be completed in March 2021. Project delayed by 4 weeks due to cracked in casing and repairs required. 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.
Project Risk	Green	Green	Landowner agreements to be finalised. Impact of Bore on groundwater might restrict project. Waikotihe Trust relationship to be monitored. <b>The Emergency Supply</b> work was placed on hold due to the current water supply levels.

**Monthly Summary:**

**Construction**

- McMillan Drilling completed the grouting of the bore and installation of the casing. The drilling and development of the bore were completed in early February. However, CCTV inspection discovered a leak at 51m deep which needs to be fixed before testing can commence; and
- The fixing of leak, installing a 200mm casing, grouting, new screens and development were completed by end of February 2021.

**Design**

- Repairs required. Consultants confirmed that the yield will not be affected, because the yield of the bore is limited by the formation properties and not the bore size; and
- Ongoing monitoring of quality of work.

**Emergency Works**

- Kaikohe primary water source Wairoro Stream was running low. FNDC have asked to look at an emergency supply (temporary Works) if alternative water supply was required.;
  - o Scope was discussed with Ventia and preparing of quote for physical works:
  - o Discussion with DHB for approval.
  - o Consent requirements
  - o Quality and testing reports required.
  - o Quality comparison of existing bore water – Treatment requirements.
- Project on hold until we received landowner consent. Glenn Rainham to confirm with Andy Finch if emergency work must proceed.

**General**

- Agreement with Landowner to be managed by FNDC legal team;
- School visit to site and presenting the project and explaining the operations at the Water Treatment Plant; and
- Waikotihe Trust relationship and consent to be managed - obtain the Trust consent to proceed with the project.

Key Project Risks	Mitigation of Risk
Covid-19 Level changes	Contractor implemented Government guidelines for Level 2 on 28 Feb and is ready for level changes.
Land Stakeholder Engagement and Approval	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 done. Consultants confirmed that the yield will not be affected, because the yield of the bore is limited by the formation properties and not the bore size.
Water Quantity	The sustainable yield from new bore to be determined. The outline design suggests that a daily volume of over 800m <sup>3</sup> /day is achievable. The above is to be determined/confirmed as a result of stage 2.
Water Quality	Williamson Water and Land Advisory performed water quality tests on exploratory bore and did not smell and was clear. The dissolved iron concentrations were identified as a water quality risk and needs 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 determined after outcome of testing				
Project Budget Status				
Approved Budget		Actual Spend to Date		Forecast Total Spend
\$1 180 000		\$176 025		\$1 180 000

**Project Name: Paihia WWTP Upgrade**

**Project Phase: Planning and Design – Regress due to Chemical Dosing Requirements**

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Construction is 99% complete. PC Certificate has been issued and only minor defects remaining to close out.
Scope	Amber	Amber	WSP have been asked to provide further input to modular options at Paihia and Haruru Pump Station As yet we have not proceeded to allow understanding of cross over works planned at Haruru pump station.
Schedule	Red	Red	Initial target to have design completed in Jan 2021 and modular units installed in Feb but this has been delayed allowing crossover works at Haruru to be planned. WSP is awaiting confirmation and are ready to proceed with design.
Cost	Amber	Amber	Project is currently within budget, but this is now at risk due to the new requirements for a long-term chemical dosing unit at Haruru station and locally on site. Each unit is likely to cost approx. \$120,000 this will take the budget into overspend
Project Risk	Red	Red	The January testing phase has been complete and has returned compliant readings across the board for the plant.

**Monthly Summary:**

Defect close out is still underway with the final items to be closed out in the coming weeks.

The January testing phase has now been completed for the plant and has shown a compliant plant across all readings.

This proves that the chemical dosing has worked and further chemical dosing will keep the plant in the compliance range. This does mean elevated operational costs for the plant, which are to be determined by the chemical required to dose.

**Accomplishments:**

- Phase 5 – Reliability Testing Completed
- Phase 6 – Performance Testing Completed
- Practical Completion 23 March 2020

**Expected Accomplishments:**

- Notification to the code of compliance

Key Project Risks	Mitigation of Risk
Alkalinity Adjustment.	To be completed as a separate project This has been foregone due to requirements from chemical dosing.
Land Stakeholder Engagement and Approval (Tangata Whenua).	Management to meet and agree on Engagement Protocols with Tangata Whenua. (guidance required here for new alkalinity works and engagement protocols, including plants non-conformance and if this requires notification to Iwi)
Change Management.	Maintain weekly reporting and filing system.
Meeting Enforcement Order Conditions.- Non-Conformance realised	Monitor progress, continuously assess changes and impact to delivery, and apply for extension if required. Manual chemical dosing required in the short term to bring the plant back into compliant levels.

Key Project Milestones	Expected	Status	Comment
Completion of Cover install	31-Jan-20	Met	Early completion 14 Jan 2020
Commencement of performance test	26-Feb-20	Met	Early completion 20 Jan 2020
Practical Completion / Handover	22-May-20	Met	Early completion 20 Mar 2020
Completion Design of Ammonia works	30-June-20	Ongoing	TBC, this work is likely to be now constructed of Chemical dosing units to control the plants alkalinity.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$6,478,069.71	\$5,782,256.13	\$6,478,069.71

**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 Goldings 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.

Key Project Risks	Mitigation of Risk
Maintenance of Top Energy lines by 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 Budget	Actual Spend to Date	Forecast Total Spend
\$946,665	Finance to provide	Finance to provide



**Project Name: BOI Sports Complex**

**Project Phase: Concept Stage**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	<b>Green</b>	<b>Green</b>	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.
<b>Scope</b>	<b>Green</b>	<b>Green</b>	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.
<b>Schedule</b>	<b>Amber</b>	<b>Amber</b>	<p>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.</p> <p>The design team has experienced some delays to due move in Alert levels as a result of Covid.</p> <p>Procurement of architect took longer than anticipated (meeting procurement objectives resulted in a longer procurement process). Evaluation of RFP's not concluded yet.</p> <p>Developed design has started on the civils and sports field.</p> <p>Specialist investigation/reports for Resource Consent purposes is underway.</p> <p>Pending the outcome of these reports it could result in the Resource Consent being a notifiable consent, which results in a much longer consent processing period. Notified applications for resource consents take around four to six months to process, depending on the complexity, significance and the level of contention involved. This will impact the overall programme, as Building consent cannot be obtained until RC has been approved.</p>
<b>Cost</b>	<b>Green</b>	<b>Green</b>	<p>The project is running within budget.</p> <p>Immediate procurement required includes lighting specialist consultants to support the RC application.</p>
<b>Project Risk</b>	<b>Amber</b>	<b>Amber</b>	<p>Any changes to approved concept layout would be a risk to the project.</p> <p>Meeting procurement objectives results in a longer procurement process.</p>

**Monthly Summary:**

The Contract has been awarded for the physical works for the improvements around the SH10 junction and physical work, but contract signing has not been concluded. Site establishment will only commence once contract is signed.

Haigh Workman progressing with concept design of civil engineering services. NZTMS experienced some delay in finalising concept design due to move in alert levels. Drilling contract for installation of monitoring bores has been awarded. Waiting on final programme from contractor. Drilling and monitoring will commence in March 2021.

An Acoustic Engineer has been engaged to complete the noise assessment report required for RC.

Key work completed in the month of February 2021:

- SH10 Blessing Ceremony held
- Award of drilling contract
- Progress on concept design and start of developed design for carpark
- Engagement of Acoustic Engineer
- 1<sup>st</sup> round Evaluation of Architects RFP submissions

Key Project Risks	Mitigation of Risk
Potential Notifiable Resource Consent	Value Engineering during design
Design decisions	Continues communication with role-players and getting sign-offs in time
Covid or natural disaster (Civil defence emergency) disruptions	Adaptable Business Continuity plans
Market capacity to deliver	Procurement planning
Community Engagement	Agreement of a Working Group to steer matters
Downstream Impact – Ongoing future operation costs	Value Engineering during design
Supply Chain – getting services and materials needed	Early procurement
Programme Governance – Conflict of Interest	Set up Mitigation Plans

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Resource Consent	05/10/20-19/01/21	Ongoing	
Concept Design	Nov 2020	Ongoing	
Developed Design	Jan-Mar 2021	Underway	
Detailed Design	Mar-May 2021		
Procurement	Apr-Jun 2021		
Construction	Jul 2021		

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$11M	\$5M	\$11M

**Project Name: Kerikeri Domain Revitalisation**

**Project Phase: Concept Stage**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	<b>Green</b>	<b>Green</b>	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.
<b>Scope</b>	<b>Green</b>	<b>Green</b>	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. The various elements identified in the concept layout design will then be designed and executed.
<b>Schedule</b>	<b>Green</b>	<b>Green</b>	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 principle, the detailed design of the Basketball Court and Skatepark has commence and the remaining elements to be still agreed.
<b>Cost</b>	<b>Green</b>	<b>Green</b>	The Project is currently within budget
<b>Project Risk</b>	<b>Amber</b>	<b>Amber</b>	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:**

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. Detailed design for the Basketball court, surrounding footpath and Skatepark is underway. Procurement of the physical works can only be done once the scope of works is finalized from the detailed design.

Demolition of the existing Skatepark & basketball Court will start towards end of March in preparation of the new basketball court construction.

A community BBQ was held on 20 February to give feedback on the upcoming project to the community.

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

Key Project Risks	Mitigation of Risk
Market capacity to deliver	Procurement planning
Community Engagement - Community buy in is KEY, the community might argue they didn't want it in the first place	Agreement of a Working Group to steer matters
Downstream Impact – Ongoing future operation costs	Value Engineering during design
Supply Chain – getting services and materials needed	Early procurement
Programme Governance – Conflict of Interest	Set up Mitigation Plans

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Community Scoping	Aug-Sept 2020	Completed	Workshop held
Developed Design	Nov-Dec 2020	Completed	
Detailed Design	Jan 2021	Underway	
Procurement	Jan 2021	Ongoing	
Construction	Mar 2021		

**Project Budget Status**

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$ 3M	\$ 0M	\$ 3M

**Project Name: Freese Park Coastal Erosion – Design and Consenting**

**Project Phase: Options Assessment**

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	<ul style="list-style-type: none"> <li>Investigations are complete:                             <ul style="list-style-type: none"> <li>Drone survey undertaken and output has been received.</li> <li>Geotechnical investigations undertaken and output has been received.</li> </ul> </li> <li>Preliminary Planning Assessment has been completed. This included investigation into the compliance of existing structures.</li> <li>Consultation Strategy/Plan in draft.</li> <li>Coastal Process and Erosion Assessment has been finalized.</li> </ul> Currently commencing Options Assessment.
Scope	Green	Green	No changes in scope
Schedule	Green	Green	Completed and on track
Cost	Green	Green	No impact on project costs to-date
Project Risk	Green	Green	None

**Monthly Summary:**

The key pieces of work completed in February 2021 were as follows:

- The Coastal Processes and Erosion Assessment was finalised.
- The Preliminary Planning Assessment has also been finalised.
- Consultation commenced with some internal FNDC stakeholders

Options Assessment initiated.

Key Project Risks	Mitigation of Risk
Maintenance of Top Energy lines by FNDC	As per the agreement. Tree line needs to be maintained to prevent damages to overhead lines.
Integrated erosion management solution cannot be agreed upon	Early and clear consultation with key stakeholders including owners of properties bordering the public spaces.

Key Project Milestones	Expected	Status	Comment
Presentation to Council of work to date including options considered and proposed consultation strategy.	26/03/2021	In progress	No comment

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$199,404	\$65,354	\$199,404

## 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. Start date is scheduled for 6 April.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	The new extension block has been completed. An FNDC approved contractor has been to site to develop the next phase. 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 largely completed, along with the installation of RIP Rap scour protection. Pavement preparation and construction works commenced in February, with over 65% of the sub-base and shoulder preparation completed, and approximately 50% of the pavement overlay construction completed. The programmed date for completion is currently 2nd April 2021, subject to weather and the successful mitigation of drainage and stock underpass issues.
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. Local designer has been approached to schedule the design process. Potential to align with the Te Hiku PGF project to maximise productivity and local economic benefits and this is looking more likely.
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. A contractor has been appointed to deliver the electrical services; the challenge is now to schedule availability.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Kaitiaki Ranger data is now being summarised for 20/21 summer season. Meeting and information shared with Whangarei District Council Freedom Camping team. Final report drafting continues.
8	District Boat Ramp Operational Plan Study Grant	Approved with Funding Agreement	Final report drafting continues. Final draft is being reviewed prior to release.


## 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			
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
<b>Totals</b>		<b>\$50,000</b>	<b>\$1,262,770</b>	<b>\$1,397,370</b>	<b>\$2,710,140</b>

## Round 5 March 2020 TIF Applications

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

## NEW CONNECTIONS AND FNDC CONSENT REVIEW

Activity		Feb 2021	YTD '21	YTD '20	
Applications for new Water and Wastewater connections		6	63	63	6 requests to connect to Council water and wastewater services were received in February 2021. Year to date Council has received 63 applications (compared to 63 last year)
FNDC Resource Consent Applications Reviewed by IAM	AI	30	388	224	IAM's development engineer and consents technician review all consents and provide comment on how to minimise/mitigate impacts on Council infrastructure.
LIMs Assessed	AI	162	1331	1008	IAM's consents technician input into Land Information Memorandums by completing soil reports and assessing development contributions.

# 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 moderate rate. The recent appointment of the new Programme Manager, with full time commitment, will significantly improve progress and strengthen the existing relationship with staff and suppliers. Data capture work continues as does system and business process development on the back of advancing understanding of the application and operating environment.

## □ Programme Vision

Vision: **Leading best practice enterprise asset management in NZ.**

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

## □ Status Indicators

Overall	→	No significant change in status. System workstream remains on track and initial work on data supply chain engagement is continuing. New Programme Manager appointed.
Benefits		No change; remains the basis of performance framework.
Capability		Challenges remain with project delivery resourcing across the project team, including asset SME's, IT project support and supply chain capacity to support project inputs. New Programme Manager started on 9 Feb 2021.
Leadership		Programme leadership has been strengthened with the appointment of a permanent Manager Asset Management & Infrastructure Planning to foster greater integration and task prioritisation. Status improved to green after the appointment of the Darwin Programme Manager.
Budget		Currently appears within forecast but quality of data remains under investigation. Future year budgets yet to be defined.
Roadmap		Revised timelines, deliverables and expectations detailed in November update to Elected Members may need to be revised. A rescoping of the programme of work to be delivered is planned for mid-March 2021.
Risk		A prior item raised around commitment distraction arising from work being performed on water reforms.

## □ State of Play

Last Month	Next Month(s)
<ul style="list-style-type: none"> <li>Continued engagement with all data supply chain partners e.g., Far North Waters on system requirements.</li> <li>Candidate for permanent (fixed term) Programme Manager appointed.</li> <li>Revised strategy of condition data capture works implemented.</li> </ul>	<ul style="list-style-type: none"> <li><b>System workstream</b> - Refinement of business processes.</li> <li><b>Transformation workstream</b> - Stakeholder workshops to debrief on culture survey results and Field Force recommendations set down for new year.                             <ul style="list-style-type: none"> <li>- Development of impacts to the roles &amp; responsibilities and competency based upon recent competency assessments.</li> </ul> </li> <li><b>Data &amp; Analytics workstream</b> - Condition assessments continuing.</li> </ul>

## □ Programme Workstreams

Name	Type	Status	Programme Comment
INFOR	Project		Full operational use of INFOR will only be possible once all the data loads have been migrated (realistically December 2021), and the

□ Programme Workstreams			
Name	Type	Status	Programme Comment
			system has been fully configured (towards the end of 2023). The status will be updated to reflect the updated schedule once the AMS project manager has agreed to the revised timeline.
Data and Analytics	Operational		No budgetary changes, the planned pilot is expected to be ready by June 2021. Currently, the completion of a fully operational region wide LAMP by June 2022, seems improbable.
People & culture	Improvement		Initial survey completed (Field Force). Transformational plan (for Assets Team) is being discussed between Management and PraCvus.
Customer and Stakeholders	Improvement		Engagement program yet to be initiated. Communications Framework to be reinvigorated.

□ Programme Milestones				
Milestone	Baseline Date	Actual Date	Status	Comment
Identify Stage completed	NA	30/11/2019		Programme plan agreed.
Define Stage completed	31/03/2020	1/02/2021		Operational demands on project resources along with discovered issues relating to data and data access have delayed progress until availability of condition data and working system environment.
Execute Stage completed	30/06/2021	30/06/2023		Delivery date extended to reflect the adaptation necessary once the team begins with condition data importing & manipulation.
Product Review Stage completed	30/06/2022	31/12/2023		Different projects & workstreams will deliver at different points in time over a 2-year timeframe. The reduction in condition budgets may foil the delivery of a fully mature system by June 2022.

□ Top Programme Issues					
Ref #	Explanation & Cause	Priority	Action Required	Owner	Date Raised
5	Operational commitments impede staff availability to participate in workshops or contribute to Darwin, resulting in a slow-down of the programme's 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.	Programme Manager - EAM / GM - IAM	May 2020

□ Top 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	Possible	Major	Stable	Status report and mitigation framework	Programme Manager - EAM	Mar 2021



□ Top Programme Risks

Ref #	Description	Risk Status	Current Risk Rating	Trend of Risk Rating	Mitigations	Owner	Review Date
	adjusted risk profile.				presented. Full programme lifecycle program update by November 2020.		
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	Programme Manager - EAM	Mar 2021
15	Water reform investigations/negotiations impact both progress and willingness to advance program	Possible	Major	Stable	Programme leadership commitment and organisational information governance committee oversight.	Programme Manager - EAM	Mar 2021

# 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 February, the Infrastructure Planning team progressed work on several key projects:

- Council staff attended two days of Environment Court mediation, where an agreement between all parties was reached to resolve the appeals. It is expected that the Environment Court will issue the consent order in early March.
- The 2021-2051 Infrastructure Strategy is largely completed, and staff are currently addressing audit feedback.
- 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 committee meeting.
- 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
- Staff have begun drafting a project scope to define the purpose and content of public facing webpage(s) within the FNDC website, providing information on WWTP projects, including discharge consent renewals, plant upgrades and any other projects which may be considered to generate public interest. This platform is intended to be a vehicle for coordinating public engagement on these projects, where appropriate.

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
<b>Strategies / Plans / Policies</b>							
District Transport Strategy		●	●	●		FY19/20	The Council endorsed Integrated Transport Strategy Programme Business Case awaits NZTA Board approval. The programme has been incorporated into the draft Regional Land Transport Plan which will be promoted at Have Your Say events around the region in March. The Transport Strategy development project is now being prepared for closure and preparations are underway on next phase implementation planning. The FNDC website has been updated with the Transport Strategy as a draft ahead of public consultation on the LTP and RLTP
Sludge Strategy – End Use		●	●			Ongoing	Making good use of the sludge as a resource is a challenge. The 2018 Sludge Strategy identified a number of potential options for end use, with quarry rehabilitation being identified as a potentially preferred option, however further investigation into this option revealed a number of potential hurdles. Staff are currently reviewing the end use options outlined in the Sludge Strategy, to determine a preferred option that can be taken forward.
WWTP Consent Replacement Programme		●	●			Ongoing	A programmed approach has been initiated to support the consent replacement process for Councils wastewater treatment plants. An initial planning assessment has now been completed to cover the consent replacements that need to be lodged over the next five years. That work provides key planning considerations, risks and technical information requirements for each consent application. Commissioning of urgent technical work required to support the Kaikohe and Kaitaia wastewater treatment plants is now underway.
2021-2051 Infrastructure Strategy		●	●	●		Ongoing	The Local Government Act requires that all Local Authorities prepare an infrastructure strategy as part of the long-term plan. The infrastructure strategy sets down Council's strategic response to address major long-term infrastructure challenges. The strategy is largely completed, and staff are currently addressing audit feedback.
Paihia Network Model Upgrades		●	●	●		Mid 2021	Separate projects are underway to update and calibrate both the water supply and wastewater network models for Paihia. Flow monitoring is complete for both networks, and consultants are continuing to build, and calibrate with the data obtained during the flow monitoring phase, new models for the water and wastewater networks. Project completion is on track for 30 June 2021, in accordance with MBIE funding agreement.
Kerikeri WS and WW, and Taipa WW Model Upgrades		●	●			Late 2021	An offer of service has been obtained from Jacobs, to provide FNDC with assistance to procure consultants to upgrade the water supply and wastewater models for Kerikeri, and to upgrade the wastewater model for Taipa. Due to the limited resources available within this team to manage this project, and because of lessons learned during the procurement of similar projects for the Paihia models, procurement assistance is considered to be the most efficient means of achieving reliable updated models, as soon as is practicable. Procurement for this project has been delayed as a result of staff IT issues, which have been resolved and the project has recommenced, with procurement commencing in Mid-March with an expected duration of up to three months. Once procurement is complete, the model update project is expected to take approximately six to eight months.
Water and Wastewater Demand Forecasting		●	●	●		Mid 2021	Data review is currently complete, and development of methodologies are expected to commence next month. Currently the programme is on track to have the methodologies developed, and implemented with regards to the Paihia schemes, by mid-2021. Once demand forecasting has been determined, this work is expected to form the basis of a wider body of work that assesses the status of water supplies across the district, including water supply and demand strategies that could be implemented to meet future demands while deferring the need to investing in costly new infrastructure.
Wastewater Disposal to Land Investigations		●	●	●		Ongoing	Policy D.4.3 of the Proposed Regional Plan for Northland sets out that a resource consent application to discharge municipal wastewater to water will generally not be granted unless a disposal to land option has been considered and found not to be economically or practicably viable. The majority of FNDC's WWTP's discharge to water and at the time of renewing resource consents for discharges from each WWTP, FNDC will be required to demonstrate sufficient consideration of a disposal to land option. FNDC staff have developed a robust discharge to land methodology, which is currently being applied to the Kaikohe, Kaitaia, and Hihi WWTPs. Disposal to land assessments will be carried out for the majority of the district's WWTP, in order of resource consent renewal priority. Findings from the assessments for Kaikohe and Kaitaia, along with analysis of economic and practicably viability, will be reported on at the May 20 Council meeting, to seek a recommendation from elected members as to whether or not disposal of treated wastewater to land is considered to be economically viable for the Far North district.
Ahipara Wastewater Disposal to Golf Course Investigations		●				Parked	An assessment of the potential viability of disposing treated effluent from the Ahipara WWTP to the Kaitaia Golf Course has been provided to interested parties, specifically including the Kaitaia Golf Course, for their consideration. No further work is being currently undertaken on this project.

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Rawene WWTP Optioneering		●	●	●		Ongoing	Te Mauri o te Wai (TMoTW) have been issued the final technical report with multi criteria analysis and order of costing. The consent allows TMoTW to identify a preferred upgrade option and if it does, then Council must consult on this upgrade option (and alternative options) through a Long Term Plan process. Working together with Te Mauri o te Wai we feel that identifying a preferred option in time for LTP consultation will rush a process which has been carefully managed until now. Instead, we are looking to incorporate the consultation into the LTP amendment planned for year 1 of the LTP.
Parking Policy and Bylaw		●	●			June 2022	The current Parking and Traffic Control Bylaw was not reviewed and will be automatically revoked on 17 June 2022. The district-wide parking policy and associated bylaw project is underway with significant research undertaken in-house. The Project Brief is being reviewed to address a risk associated with policy development timeline impact on delivery of the bylaw by 17 June 2022. A Project Plan will then be developed to establish the programme of stakeholder consultation and engagement activities which will be essential for the successful adoption of this critical project
Engineering Standards		●	●	●		June 2021	Councils Engineering Standards are out of date and work is well advanced on a full rewrite to ensure they are regionally aligned and incorporated in the new District Plan which is currently under review. The existing standards were primarily written to control developers, but the new version will also set out the standards by which council will hold itself. IAMs staff are part of a working group which has been set up to undertake the rewrite with assistance from consultants. It is hoped that the use of Whangarei District Councils standards as a template will provide regional alignment. Internal workshops have been held to confirm Far North specific adjustments. The resulting draft has been reviewed by the wider FNDC staff, Alliances, Regional Council and practitioner groups including the Disability Action Group. It will be workshopped with Elected Members in March and subsequently published for public consultation
<b>Consent Applications/Authorisations</b>							
Taipa WWTP Renewal/Appeal		●	●	●	●	March 2021	In 2019 the Taipa WWTP discharge consent decision was appealed to the Environment Court (EC). Two days of EC mediation were held in February with an agreement reached by all parties enabling the appeals to be resolved. The consent documents have been filed with the court and it is expected that the consent order will be issued by the EC in early March.
Kaikohe WWTP Renewal		●				August 2021	The Kaikohe wastewater treatment plant (WWTP) services the urban areas of Kaikohe and Ngawha. The existing resource consent authorises the discharge of treated wastewater into the Wairoro Stream. The existing consent expires 30 November 2021. It is known that the nutrient levels in the discharge will need to be reduced to improve water quality and to meet appropriate environmental standards. To achieve this, it is likely that the treatment plant will need a significant upgrade. The preferred upgrade option has been identified along with high level costs for input into the LTP. The study on land disposal feasibility which includes a high-level analysis of costs has been completed. The ecological assessment is underway, with a final draft of the report expected to be provided by early March.
Kaitaia WWTP Renewal		●				August 2021	The Kaitaia wastewater treatment plant (WWTP) services the urban areas of Kaitaia. The existing consent expires 30 November 2021. An application to renew the consent will be lodged with the NRC prior to 30 August 2021. The preferred upgrade option has been identified along with high level costs for input into the LTP. Current work underway includes a study on land disposal feasibility, the effects of the tradewaste discharge from JNL, the commissioning of an ecological assessment and a flood hazard assessment. Prior to lodging the consent application further technical investigations will be undertaken to ensure that the best practicable upgrade option is identified.
Kohukohu WWTP Renewal		●	●	●		June 2021	A second hui with relevant Kohukohu hapu has yet to be scheduled, which is required in order to continue the CIA writing process. The CIA is the final report required to fulfil NRC's request for information and once this has been complete the project will move on to the public notification/hearing phase.
Opononi / Omapere WWTP Renewal		●	●	●		June 2021	NRC's request for further information has been fulfilled. It is likely that this application will be publicly notified at the same time as the Kohukohu WWTP application as this will be beneficial to those making submissions on the application, and because hearings for the applications are likely to be held 'back-to-back'.
Puketotara surface water take (source for Kerikeri WTP)		●	●	●		March 2021	NRC have issued the draft conditions for a consent and the proposed flow restriction of 140 l/s does not provide adequate security for an essential public water supply in average and dry years. Discussions about the suitability of the conditions continue and are yet to be resolved and staff have requested that NRC prepare a request for further information so that the project can be moved forward.
Motutangi Drainage District Concession		●	●	●		TBC	In late 2019 DOC advised that the draft concession report would be peer reviewed and then be sent to Kaitaia's Operations Manager for approval. However, despite continued requests for updates no information was provided until recently. In late August staff were advised DOC had a new Operations Manager in Kaitaia and

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
application							that the concession application would be approved (or otherwise) by the new manager. The change in management has required a complete review of the application and it is understood the Manager is seeking an internal legal opinion on the drainage activity in the Kaimaumu Scientific Reserve. Once that has been received staff will continue to work with DOC to progress the concession application.
Kawakawa WTP groundwater reassessment		●				August 2021	In December 2020 staff initiated a project to review the correlation between groundwater levels in the source aquifer and the Tirohanga stream at the Kawakawa water treatment plant. The initial assessment has shown that the current information on the connectivity is likely to be correct (i.e., there is a high degree of correlation between the aquifer and the Tirohanga stream) but has recommended some next steps, including aquifer tests to provide a complete assessment. Covid travel restrictions have delayed the hydrologist's site visit however a recommendation and proposal for further aquifer testing is expected before May 2021. If the consent can be amended, then that work can be prioritised so that the amended consent is issued before the 202122 dry season.
Waitangi public toilet consent application		●	●	●	●	Dec 2020	The resource consent application for a public toilet block near Waitangi boat ramp was lodged and approved by FNDC in December. The authority to modify an archaeological site has also been granted. The period in which affected parties can appeal the authority ends early March.
Southern Animal Shelter		●	●			April 2021	Resource consents from both NRC and FNDC are required to construct the new southern animal shelter. Applications have been lodged and are currently being processed.
Temporary Southern Animal Shelter		●	●	●		April 2021	A retrospective resource consent (land use) application has been made to authorise the temporary southern animal shelter located in Horeke. The consenting authority (FNDC) has determined that the application should be limited notified and this will occur in March.

Activity	Comment
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**Collaboration and Engagement**

Parking policy and bylaw	A collaboration project with the Strategic Planning and Policy department is underway to write a district-wide parking policy and associated bylaw. The need for a parking policy is clear having been identified throughout the Integrated Transport Strategy and Plan. The current Parking and Traffic Control Bylaw 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 to the inclusion of several projects and 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 Total Mobility scheme into the Far North. Our 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 participation of NTA to provide DAG members 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 fully incorporated and fairly represented 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 throughout March.
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, continue to work on revising the content of this necessary bylaw, including seeking input from relevant internal users of the current bylaw. Key content of the revised bylaw will enable FNDC to implement water restrictions on water supply schemes, in preparation for or times of drought.
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 briefing paper for the Strategy and Policy 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 councils regarding the potential for on-site water storage to improve water supply resilience. This report is intended to be followed up later in 2021 with a workshop with Elected Members, and an in-depth report that analyses the problem of water supply resilience and will include consideration of on-site 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 work streams described above, such as the demand forecasting work, will be required to inform the in-depth report on water supply resilience. Due to work prioritisation within the SPP team, it is understood that this work is not being progressed by SPP, therefore the work associated with this project needs to be defined and allocated.
IAM Wastewater Projects: Public Information Platform	Staff are drafting a project scope to define purpose and content of public facing webpage(s) within the FNDC website, providing information on WWTP projects, including discharge consent renewals, plant upgrades and any other projects which may be considered to generate public interest. This platform is intended to be a vehicle for coordinating public engagement on these projects, where appropriate.

# 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 non-compliance 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. A meeting was held between NRC Monitoring Officer, FNW Process Engineer and FNDC Compliance Lead on 12 March with a full progress and performance update, and request to begin conversations around the withdrawal of current abatement notice. An update will be provided in next month's business report.

## WATER SAFETY PLANS PROJECT PROGRESS UPDATE

**Overall Status:** On track

### Highlights:

- Chartering of FNDC, FNW and Jacobs – great collaboration
- Finalisation of the “plan” for delivering the 8 Water Safety Plans
- Positive feedback on the plan from the Drinking Water Assessor
- Completion of the Transgression Response Plan workshop

### Key Activities Completed to Date:

- Gap Analysis of Current documentation status against required Water Safety Plan Framework
- Plan Prepared for achieving 8 complete Water Safety Plans
- Water Safety Plan “Plan” presented to and endorsed by the FNW and FNDC Leadership team
- Drinking Water Safety Plan Framework Templates and methodology presented and submitted
- Water Safety Policy prepared and submitted
- Transgression Response Plan Workshop held
- Water Safety Plan “Plan” presented to Drinking Water Assessor
- Emergency Response Plan Workshop held

### Key Activities Planned for April:

- Site visits to all 8 water treatment plants
- Completion of Emergency Response Plan Workshop
- Submission of draft Transgression Response Plan
- Submission of scope for remaining phases of Water Safety Plan for approval
- Commencement of remaining Phase 2 activities

**Programme Status:** On Programme

**Budget:** On budget

## DRINKING WATER STANDARDS – *Monitoring strategy and Risk Reporting*

Taumata Arowai's recent DRAFT 'Drinking Water Supply Operational Compliance Rules' [DRAFT drinking water supply Operational Compliance Rules \(dia.govt.nz\)](#) 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 '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.



















































### Summary of Abatement Notices

Abatement notices are one of the significant risks identified to Far North District Council (FNDC). FNDC currently has 6 outstanding abatement notices due to non-compliance with resource consent conditions for district infrastructure issued by Northland Regional Council (NRC). Strong and collaborative engagement with Northland Regional Council (NRC) and our Far North Waters Alliance (FNW) partners has been our focus in addressing present non-compliance and other risk profiles within the Three Waters space.

Location	Asset	Asset Type	Non-Compliance	Action Underway
	Kerikeri Sports Complex (Paid/Closed)		<ul style="list-style-type: none"> <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		<ul style="list-style-type: none"> <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
	Kaitaia Recovery Centre		<ul style="list-style-type: none"> <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.
	Opononi WWTP		<ul style="list-style-type: none"> <li>The abatement notice was issued in Apr 2016 due to the plant evidencing non-compliance with the E. coli limits.</li> </ul>	The preferred upgrade strategy which derived from the 'Issues and Options' report was: chemically assisted solids removal, UV disinfection, with an external ammonia removal package, including the maintenance of harbour discharge. This upgrade strategy has supported the resource consent renewal application and has been put forward in the Long-Term Plan.
	Kaitaia WW Network		<ul style="list-style-type: none"> <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 as a result of the planned zonal monitoring.
	Kerikeri WWTP (application to cancel after 18 December)		<ul style="list-style-type: none"> <li>The abatement notice was issued in July 2020 due to a non-compliance with the wastewater discharge criteria.</li> </ul>	A full update on the WWTP performance and request to withdraw the current abatement notice was given to the NRC Monitoring Officer on 12 March demonstrating continual compliance.

WATER AND WASTEWATER RMA COMPLIANCE REPORT – FEBRUARY 2021

Sites	Asset Group	February Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kaitaia					Condition 7 – Unaccounted for water loss	
Kaikohe					Compliant	
Kawakawa					Compliant	
Kerikeri					Compliant	
Okaihau					Compliant	
Opononi					See Comments	<ul style="list-style-type: none"> <li>Waiarohia Stream take: The planning of the reinstatement of gravel along the stream bed is underway.</li> </ul>
Paihia					Compliant	
Rawene					Condition 12 - volume supernatant discharged to Pioitahi Stream	<ul style="list-style-type: none"> <li>There were no records of high turbidity during the month of February.</li> </ul>
Russell					Compliant	
Ahipara					Condition 10 – Faecal Coliforms Condition 2	<ul style="list-style-type: none"> <li>Inter stage testing commenced on 13<sup>th</sup> July 2020. Weekly schedule samples have been taken from the inlet, constructed wetland and the final discharge point. A meeting was held with the onsite Operations Supervisor on 27 January who recommended solutions and mitigation efforts. These results and considerations are being investigated by the Far North Waters (FNW) 3 Waters Engineer. A status update will be given in March's report.</li> </ul>
Hihi					Compliant	<ul style="list-style-type: none"> <li>The project to upgrade plant is in its initiation phase.</li> <li>DWF Status: Compliant</li> </ul>
Kaeo					Compliant	
Kaikohe					Condition 7(h)	<ul style="list-style-type: none"> <li>The higher levels of E. coli resulting from scheduled sampling which took place in September are currently being investigated by the Far North Waters 3 Waters Engineer. An update will be provided in March's report.</li> <li>DWF Status: Compliant</li> </ul>
Kaitaia		X			Compliant	<ul style="list-style-type: none"> <li>A zonal metering program for Kaitaia has been scheduled for this financial year. This zonal monitoring will identify all catchments where leaks are present. All 7 chambers have been installed and there is a final step with regards to the monitoring system used to complete the install. A fuller description of this report is found within the IAM Business Report.</li> <li>DWF Status: Compliant</li> </ul>
Kawakawa					Compliant	
Kerikeri		X			Condition 8 – TSS, CBOD, TAN, E.Coli	<ul style="list-style-type: none"> <li>A full update on the WWTP performance and request to withdraw the current abatement notice was given to the NRC Monitoring Officer on 12 March demonstrating continual compliance.</li> <li>DWF Status: Compliant</li> </ul>

Sites	Asset Group	February Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kohukohu					Compliant	<ul style="list-style-type: none"> <li>DWF Status: Compliant</li> </ul>
Opononi		X			Condition 19 - TAN, E.Coli	<ul style="list-style-type: none"> <li>The preferred upgrade strategy which derived from the 'Issues and Options' report was: chemically assisted solids removal, UV disinfection, with an external ammonia removal package, including the maintenance of harbour discharge. This upgrade strategy has supported the resource consent renewal application and has been put forward in the Long-Term Plan.</li> <li>DWF Status: Compliant</li> </ul>
Paihia			X		Condition 9 – NH4 – N Condition 13 - pH	<ul style="list-style-type: none"> <li>A performance and report and long-term solution proposal has been finalised which has now been sent to Far North District Council Asset 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 compliance.</li> <li>DWF Status: Compliant</li> </ul>
Rawene					Compliant	<ul style="list-style-type: none"> <li>FNDC and FNW are in discussion around prioritising de-sludging one of the ponds. Further updates will be given in next month's report.</li> <li>DWF Status: Compliant</li> </ul>
Rangiputa					Compliant	<ul style="list-style-type: none"> <li>DWF Status: Compliant</li> </ul>
Russell					Condition 9 - infiltration efficiency report Condition 8 - land instability report	<ul style="list-style-type: none"> <li>Condition 9 – The sampling of the monitoring bores for the purposes of reporting on infiltration was conducted on 13 November. Details with 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 discharge from the plant is not causing land instability within or adjacent to the borehole disposal areas or on adjacent properties.</li> </ul>
Taipa					Condition 2 - discharge to ground	<ul style="list-style-type: none"> <li>Continuing to operate under original resource consent conditions until the Environment Court appeal has been resolved.</li> <li>DWF Status: Compliant</li> </ul>
Whatuwhiwhi					Condition 8 – Total Suspended Solids	<ul style="list-style-type: none"> <li>To assist in the mitigation of TSS (algae biomass), FNW and FNDC are in discussions with regards to prioritising desludging.</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



# 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

February has seen continuation of the key projects previously noted:

- Finalising the 3 Waters and District Facilities LTP for the consultation period
- Final audit queries for the Combined Asset Management Plan (AMP) for 3 Waters and District Facilities (required for Audit purposes)
- Data migration for the implementation of the new Asset Management System (AMS) - IPS (INFOR)
- Final scopes for the FY20/21 Capital Works Programme and planning for FY21/22
- Asset Condition Assessment programme for FY21/22

The Procurement plan for the FY20/21 3W Condition Assessment Plan was completed and approved. This data will feed into Project Darwin and work is underway as to how that happens from both storage and usage of data perspectives.

Key: ● Complete ● In progress ● Parked



Stormwater



District Facilities



Wastewater



Water



Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
<b>Strategies / Plans / Policies</b>							
Living Asset Management Plan (LAMP)	All	●	●			FY21/22	First draft to SLT / EMs by end of June 2021 (due to delay with INFOR system implementation the timeframe for the LAMP has been delayed). <b>(Please refer to Programme Darwin section for further details).</b>
Combined Asset Management Plan (3 Waters and District Facilities)	All	●	●	●	●	FY20/21	In the absence of a LAMP, and as part of the Long-Term Plan (LTP) process, a combined draft Asset Management Plan for 3 Waters and District Facilities will be available by mid-January 2021 for audit purposes only. Updates from audit queries are being addressed
Asset Management Strategy	All	●				FY21/22	Being developed based on review being done for the 30 Year Infrastructure Strategy by Infrastructure Planning for the next LTP (FY21/31). The aim is to have a strategy in place by end of June 2022.
Annual Plan (AP)	All	●				FY21/22	Contribute to Annual Plan project, coordinated by Strategic Planning & Policy. Not required again until FY21/22 due to current LTP work in FY20/21.
Long-Term Plan (LTP)	All	●	●	●	●	FY19/20 to FY20/21	Asset Management commenced planning for the FY21/31 LTP in February 2020. The current LTP is being looked at in-depth and future asset planning being considered for the next round. The Auditors are due onsite to audit the LTP Capital Programme, as well as consultation document, w/c 18 January to 5 February 2021. This will only be concluded by end of June 2021 once public consultation has occurred and sign-off attained.
ISO55000	All	●				FY21	To be investigated. This will align with the current International Infrastructure Management Manual (IIMM) and will need to incorporate the National Metadata standards being developed.
Stormwater Strategy		●	●	●		FY20/21	Underway. Being consulted on with GHD. A draft plan is in place and draft strategy will be provided / workshopped early in the new year, likely March 2020. Infrastructure Planning is looking to hold workshops with SLT and EMs on the 30 Year Infrastructure Strategy. It is likely the SW Strategy will be incorporated into these workshops as an overview. Internally reviewed in February
Stormwater Catchment Management Plans		●	●	●		Underway	Underway – FY19/20 to FY21/22 (3-year process)
Vesting Assets to Council Policy	All	●				FY21/22	Consulted with Audit, Risk and Finance and a process is to be drafted / process mapped. Other parts of Council i.e. SPP, Legal and Finance will be consulted in due course.
<b>Asset Identification / Condition Assessments</b>							
Prioritised Scheduled Asset Condition Assessments	All	●	●			FY21/31	A 10-year programme has been developed which amounts to a total spend of \$9mil over 10 years. A procurement package for the \$1.5 mil spend for this FY (FY20/21) is underway and should be out to market by end of March 2021. The procurement package and project lead for this scope of work over the next 3 years should be out to market by May / June 2021. Procurement Plan prepared and approved in February 2021 for issue of work orders
Inventory Assessment - DF Assets		●	●	●	●	Ongoing	n/a
<b>Major Project Pipeline – Initiations - Includes planning, feasibility studies, options assessments, business casing etc. before handover to Project Delivery</b>							
Hihi WWTP		●	●	●		FY22/23	Plant upgrade is required. Resource consent being applied for through Infrastructure planning team. Additional funding is required and has been requested through the LTP (FY21/31). Likely additional funding estimate to be available by Mid-February 2020. A report, with options and preferences will be presented to Infrastructure Committee 24 March 2021.
East Coast (Taipa) WWTP		●	●			Under Appeal	Plant evidencing non-compliance with resource consent. Initial upgrade and disposal options assessment undertaken, further assessment and consultation required. <b>Refer to Taipa WWTP Renewal / Appeal under Infrastructure Planning section above.</b>
<b>Other</b>							
Asset Management System	All	●	●	●		FY20/22	Full operational use of INFOR ('Go Live') is now expected for December 2021 <b>(please refer to Programme Darwin for full details).</b>
Stormwater modelling requirements		●	●	●		FY20/21 – FY21/22	As per the SW Catchment Management Plan (CMP) strategy, the models for SW will take in excess of 2 years for full implementation updates.

Key: • Complete • In progress • Parked



Stormwater



District Facilities






Wastewater



Water



Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Water modelling requirements		•	•			FY21/22 – FY23/24	A consultant, GHD, has been engaged to peer review the Kerikeri Water Network Models to begin with (whereby focusing on the main growth area at this stage). Depending on the review, funding requirements to upgrade the models will be submitted as part of the LTP process. This is required to assist in establishing a development contributions (DC) policy.
Wastewater modelling requirements		•	•			FY21/22 – FY23/24	A consultant, GHD, has been engaged to peer review the Kerikeri WasteWater Network Models to begin with (whereby focusing on the main growth area at this stage). Depending on the review, funding requirements to upgrade the models will be submitted as part of the LTP process. This is required to assist in establishing a development contributions (DC) policy.
Area of Benefit Plan updates – Stormwater		•				FY21	To be investigated
Data Cleanse / Tidy Up	All	•	•	•	•	Underway	A continual process but aim to have it completed prior to Phase 1A implementation of the new AMS (March 2021).

## 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

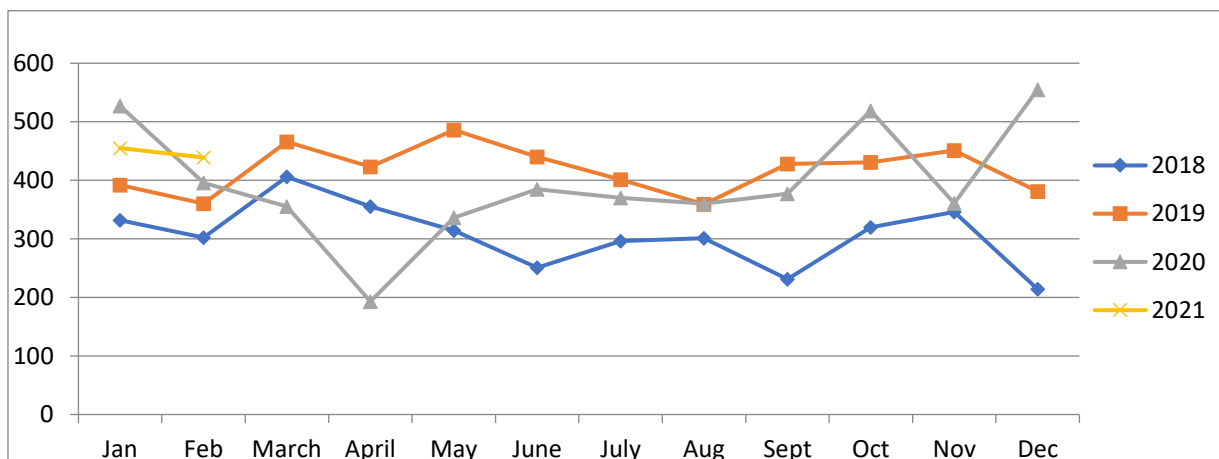
#### **Positive Feedback For Recreation Services Ltd (RSL)**

Facebook compliment on Northland Grapevine *"How far does "thank you" go" ... A BIG shout out to FNDC Recreational Services! 3 days taking driftwood and debris off Ti Beach and Paihia beaches so families can picnic and play in the sand on our wonderful beaches. Well Done. So next time you see a Recreational Services truck...honk, wave or say thanks for a job well done.*

## CUSTOMER EXPERIENCE PROGRAMME

RFS numbers continue to be high for District Facilities. These figures do not include CE or Mayoral RFS's.

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<b>2018</b>	332	302	406	355	314	251	296	301	231	320	346	214	3688
<b>2019</b>	392	360	466	423	486	440	401	359	428	431	451	381	5081
<b>2020</b>	527	396	355	193	336	385	370	360	377	519	361	555	4734
<b>2021</b>	455	439											894



District Facilities – Monthly RFS numbers

## HEALTH AND SAFETY UPDATES

### Recreational Services

ACCIDENT TYPE	Jan '21	Feb '21	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	0	0	0	1	0
Vehicle / machinery near miss	1	3	3	0	0	3	0	0	3	0		0
Non-serious harm	2	1	2	0	4	1	0	0	0	2	1	0
Serious harm	0	0	0	0	0	0	0	0	0	0		0
Vehicle / Machinery accident	0	1	0	0	0	1	0	0	0	0		0

#### Non-serious harm:

- Climbing into the truck and put foot on step, twisted body to climb in and foot didn't twist causing pain and strain to back of right knee joint

#### Vehicle Near Miss:

- Entered a roundabout, halfway around a car had stopped then started reversing
- Following a car, car approached a corner and kept going straight until it crossed the centre line
- Servicing toilets in Taipa came across newly fallen tree across road in Doubtless Bay

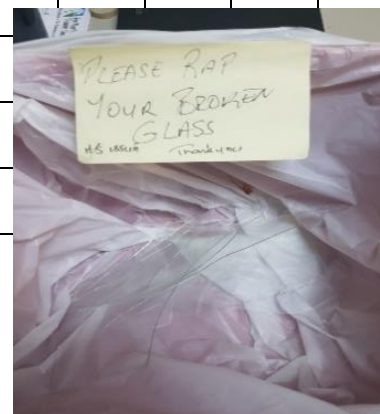


Vehicle/Machinery Accident incl. Third Party:

- Mowing reserve in Kawakawa – stone smashed house window

**OCS** (Cleaning contractor for Council buildings)

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



Near-miss:

- Broken glass was left in a rubbish bin on L2 JBC. Council staff tried to cover up the glass by putting rubbish on top of it. OCS staff left a note to please wrap the glass. This was not carried out and OCS staff removed after 3 days.

**Waste Management** (Southern RTS)

ACCIDENT TYPE	Jan '21	Feb '21	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	1	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

Non-serious harm:

- Staff member swung gate and had fingers on edge for the closure resulting in a contusion

**Northland Waste** (Northern RTS)

ACCIDENT TYPE	Jan '21	Feb '21	Mar '20	Apr '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	2	1	1	2	1	3	3	0	0	2	1	0
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:

- A break-in to the administration office afterhours resulted in the theft of two cash tins. Offender has not been identified however had access to keys and the security code

**Ventia / Broadspectrum (Russell RTS and landfill)**

ACCIDENT TYPE	Jan '21	Feb '21	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

**CBEC Eco Solutions (Waste Education Contract)**

ACCIDENT TYPE	Jan '21	Feb '21	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

**HAPORI 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	0		
Non serious harm	0	3	6	1	3		
Serious harm	0	0	0	0	0		
LTI	0	0	0	0	0		
Vehicle / Machinery accident	0	0	0	0	0		
Incident only	0	0	0	2	0		

Serious harm:

- Kerikeri high School pupil dived into shallow end of pool and hit head, ambulance called, taken to BOI Hospital for monitoring. New signage place on shallow end of pool re no diving.

Non-serious harm:

- Girl sawn into ladder. Nose bleed. No action needed.
- Kerikeri High School student fell from high dive board when she chickened out of diving, tried to grab rail, badly grazed down one side of body, Ambulance called, extra signage installed, no further action required.

**Kaitaia Pool**

Accident Type	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar'21	Apr '21
Near miss	0	0	3	0	0		
Non serious harm	0	0	0	0	0		
Serious harm	0	0	0	0	0		
LTI	0	0	0	0	0		
Vehicle / Machinery accident	0	0	0	0	0		
Incident Only	0	0	0	3	1		

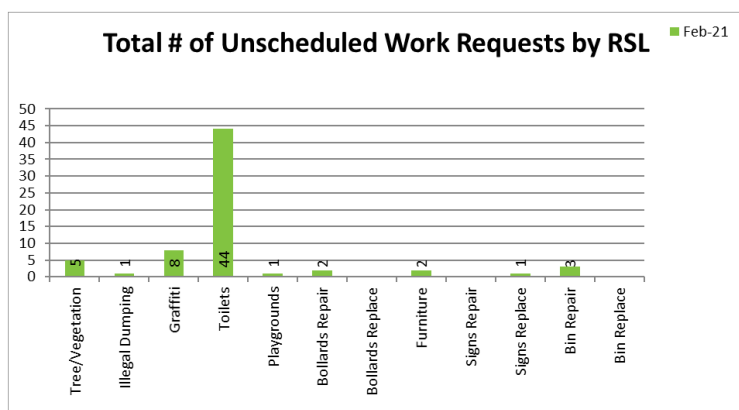
Incident only:

- Wallet stolen from patron’s handbag. Person was questioned by woman’s husband in presence of lifeguard.

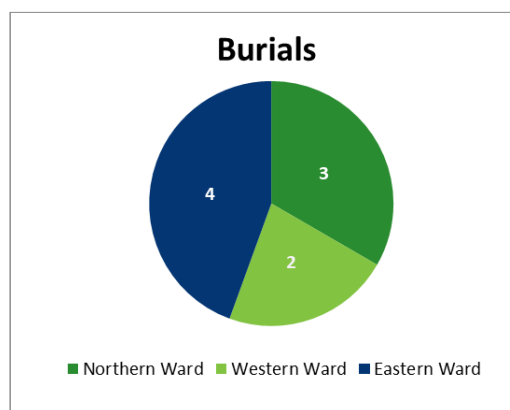
**Kaikohe Pool**

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

**RECREATIONAL SERVICES**



Number of unscheduled works requested by RSL



Number of burials at Council public cemeteries

## RSL Audits

2020-21	Jan '21	Feb '21	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20
Met	16	8	NC	NC	6	4	14	NC	16	10	6	0
Not met	0	1	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

February 2021 AUDIT DETAILS	Met	Not met	Non-performance notice	Not met comments
Reserve mowing	1	0	0	
Edge control	1	0	0	
Playground	0	0	0	
Cemetery	0	0	0	
Toilets	6	1	0	Ahipara Toilet - old toilet paper on ceiling
Litter and Town Maintenance	0	0	0	
<b>CONTRACT AUDIT</b>				
Unscheduled	3	0	0	
Contract	6	0	0	
<b>TOTAL</b>	<b>9</b>	<b>0</b>	<b>0</b>	

*Internal audits achieved this month*

## PARKS AND RESERVES

### Lindvart Park, Kaikohe

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

### Sportsville (January 2021)

Regular booking	<ul style="list-style-type: none"> <li>▪ Softball</li> </ul>
One off booking's	<ul style="list-style-type: none"> <li>▪ Department of Corrections (6 bookings)</li> <li>▪ First Security (2 bookings)</li> <li>▪ Northland District Health Board – Better Breathing (18 bookings)</li> <li>▪ Senior Softball Tournaments (4 bookings)</li> <li>▪ Touch Tournament (1 booking)</li> </ul>
Maintenance completed	<ul style="list-style-type: none"> <li>▪ Replaced cut padlocks and chain</li> <li>▪ Tobin Plumbing repaired blocked female toilet upstairs</li> </ul>

Maintenance to do	<ul style="list-style-type: none"> <li>▪ Plasterboard in large lounge has more holes - need to replace with something harder</li> <li>▪ General upkeep of Pavilion needed</li> <li>▪ Cameras</li> <li>▪ Canteen roller door not working properly. Waiting for more work to come in being referring to handyman</li> </ul>
Improvements to do	<ul style="list-style-type: none"> <li>▪ Security – 3 quotes received. Need to do as paying for the internet now.</li> <li>▪ Field lights – Max Bergman has submitted netball and field light quotes. Foundation North funding application being prepared</li> <li>▪ Internet – working but needs password changed</li> <li>▪ Working on MNUS storage. The original room set up is for this is required for Soccer so new storage space needed for MNUS.</li> </ul>

**Rangitoto Reserve, Mangonui**

The request for a Reserve Management Plan is sitting with the Strategic, Policy and Planning Department for consideration.

The request to divest this reserve is sitting with Legal Services.

The weed issue is being reviewed in light of the information received from Heritage NZ and if progressed, may need to be considered as unbudgeted expenditure and focused on remedial work needed on and around the immediate Pa site only, where safe to.

**PLAYGROUNDS**

**Jaycee Park**

The recently installed Liberty Swing and Basketball Court is officially open to the public. Excellent feedback from members of the public regarding the basketball court.



**TREE MANAGEMENT**

**Wildling Pine Removal Program**

Wildling pine removal joint initiative with FNDC, NRC & DOC is ongoing across the District e.g.:

- Ramp Rd, Karikari - scheduled to start on or around 8 June in the reserve behind the public toilets
- Russell and Bay of Islands – a scoped is currently being prepared by NRC in conjunction with Council identifying pines that should be removed on Council owned land
- Henderson Bay - this project has had to be delayed to April

**Redwoods, Kerikeri**

The annual arborists report has been received with work being carried out as identified. It is proposed these reports be presented to the Community Board as information.

**Morton Bay fig, Russell**

Further information is being sought before any information can be presented to the Community Board.

Increasing number of tree and palm issues continue to be received from across the District and are being dealt with as per the Tree Management section of the Reserve Policy.

## CEMETERIES

### **Kawakawa Cemetery**

An issue with stock entering the cemetery and stepping over newly dug graves was investigated with no breaches of the boundary fencing found. The only possible entry point for the stock is through the front gate on the cemetery through the street entrance.

### **Ash berms**

An issue has been identified where there appears to be inconsistent measurements associated with the widths of the ash berms over a number of years and across a number of cemeteries. This matter is currently under investigation to see if it is an actual problem, where and why.

The sale of reserved plots continues to be on hold while the country battles with the impact of COVID. This was a Ministry of Health directive that we are complying with. It is also helping with those cemeteries that have minimal space remaining yet look available as the plots 'appear' available for use.

## PUBLIC TOILETS

### **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. The system is being monitored to try to determine what the issue may be. It could be that a new disposal field may be required. This matter has been flagged with our Asset Manager – District Facilities as it will no longer be an operational matter.

### **Klinac Lane, Waipapa**

The on-going issue with the RCG's (Body Corporate) 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 continues to pump out the public toilet holding tanks. An approved TIF funded project is in place. Works are now subject to building consent approval which will result in the creation of a new independent Council owned and operated onsite wastewater management system. The toilets can then be removed from the RCG's treatment plant, resulting in reduced operating and maintenance costs.

All public toilets have COVID QR codes on display.

## ENCROACHMENTS

### **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. A site visit is planned early March to check on the status of the boat. In the meantime, there continues to be a community BBQ space and winch remaining on site that was part of the offender's original property. The focus is on the boat first, while these remaining items will be addressed next as there does appear to be community interest in leaving some, if not all of these in place.

### **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 concern has been raised and an area of encroachment into the upper area of Korora Park has been identified and has yet to be furthered. This will need to be considered as part of the Korora Park development plans as well.

### **Cable Bay, Mangonui**

It was identified and confirmed a local lodge has a number of encroachments on the reserve at the eastern end of Cable Bay. This matter is now being worked through with the current property owner being asked to remove offending structures. Council signage is also being considered to inform the public that an area that appears private is actually a public space. This area is defined by a row of Pohutukawa trees on the public side of the property and were planted many years ago to make it look like the land behind the trees is private.

### **Te Tii Point, Waitangi**

It has been requested that the illegally placed container including deck be removed by Friday 12 March and has involved numerous meetings and communication to get to this point. It is hoped the removal will be carried out without any unnecessary dramas.

## **2020/21 MBIE TE TAI TOKERAU REDEPLOYMENT FUND**

This programme of works has now come to an end.

## **2020/21 MBIE RESPONSIBLE CAMPING FUND**

It appears that February was busy but certainly there was a reduction in the numbers compared to January and certainly against previous years.

The Rangers located at Ahipara, Russell and Kaimaumuau ended the season after Waitangi weekend while the Rangers along Karikari Peninsula and Kawakawa remain in place, on reduced days / hours until after Easter.

Work continues to compile information associated with Responsible Camping around Northland. This information should help guide us to make improvements with the Rangers programme but also what information is needed and where we need assets / improved assets to support Responsible Campers across the District.

## 2020/21 MBIE FLOOD FUND

An update on the projects District Facilities are leading with is below:

Ward	Location	Description	End of February update
North	Kaka Street Ramp	Issues with flooding from both landside and coast, made worse during times of storms etc. Discussions are needed with Roading as well. Key issue with this is the river keeps a changing direction during storms and can either be relocated immediately in front of the entrance from the road to the beach or move away making the beach accessible from the road. Ideally, funding is used to tidy up what needs tidying up and a gate installed that can be opened and closed as needed with appropriate signage saying CLOSED etc.	Waiting on price from FHL and options to remediate SW issues
North	Puckey Ave Pensioner Village	As a result of recent flooding, the once chip sealed driveway has deteriorated and needs to be resealed and lifted in areas where there are low lying flooding issues.	Waiting on work to start - 19 March
North	Ahipara - foreshore road near toilets	Flooding / storms have deteriorated a number of rock walls, culverts and the like along Foreshore Road, Ahipara. Needs further investigation into the specific sites and a plan to remedy as needed to reinstate in time for the Summer season.	Waiting on FNR to provide quote based on scope as received. Waiting on receipt of the Archaeological report - due next week.
North	Kaitaia Cemetery	Repairs to internal road that has deteriorated considerably as a result of the rainfall and stormwater flooding occurring in this area	Waiting on work to start - 19 March
North	Hihi Beach	Removal of trees that came down on the Hihi coastline during the last storm	Initial clearing of fallen trees, tidy up and 1st round of spraying completed. The life of this project is likely to extend past cut-off date due to weather constraints on planting and maintaining new erosion controls. It is planned that there will be excess funds to move into other projects where there are overspends.
East	Kaeo car park	Floods out which then washes the gravel away and leaves potholes and water that sits in the car park until the area dries out although the stream is nearby. Flooding from the car park also impacts on neighbouring properties including the adjacent Church. Recommend SW solutions, form and seal the car park.	Waiting on work to start - April
East	Te Wahapu -	Major bridge drive walkway - major cutting out & scouring of the step section of track down to the reserve	Work started on clearing the track – cutting the sides out to widen back to original width and allow water run-off.
East	Seaview lookout Paihia	Track surface has been washed out /drainage needs improving	Side drains dug, new PVC culverts installed, track metalled, shaped and compacted. Not completed as we still have signage, vegetation work, seat replacements etc.
East	Kawakawa bowling club access	Driveway has been affected by surface water and in places washed out, need to be properly sealed and SW measures in place to help it cope with future flooding events	Awaiting start date confirmation.
East	Opuia-Paihia walkways	Investigate and remedy areas of the coastal walks that need repair	Works started to scope tree works required prior to track works start.
East	Jacks Bay walking track	Coastal erosion issues	Site scoped and design agreed upon, new signage drafted, material ordered for delivery
East	Paihia Beach	Beach needs to be cleaned up after recent storms. Need to also repair SW issues that are impacting	Clearing of debris from the beach nearly completed. staircase ordered but will not be completed until the end of March. Hi ab booked for removal of old stairs and installation of culvert extension
East	Pah Road, Kerikeri	End of cul-de-sac road not properly formed, and flooding causes the end of the road to become flooded creating potholes and washout of the gravel etc. Needs to be properly formed with stormwater drainage etc.	Awaiting start date confirmation.
East	Wharau Road, Kerikeri	Boat ramp and surround - needs repairing as a result of flooding and SW issues	Awaiting start date confirmation.



Ward	Location	Description	End of February update
East	Moerewa Illegal dumping clean-up	Section located between Otiria Rd & Ranfurly St. Full clean-up of site - since the flood we have seen an increase in dumping's in this section	Awaiting site meeting with contractors to plan asbestos scoping and removal.
East	Kaeo Service Centre	Flooding / SW issues from the rear of the service centre coming from the hill behind that rushes down and around the building but also brings down silt onto the footpath etc.	Vegetation cleared back from retaining wall and effected area. Water tank ordered with delivery date of mid-March, met onsite with drainlayers and have booked an inspection of existing clay pipelines with camera and also use laser level to determine suitable fall.
East	Totara North Community Recycling Centre	Re-metalling of area washed away in storm	<b>COMPLETED</b>
West	Omapere and Opononi foreshore	Flooding / storms have deteriorated a number of rock walls, culverts and the like along the Omapere and Opononi foreshore. Needs further investigation into the specific sites and a plan to remedy as needed to reinstate in time for the Summer season.	Fencing has been scoped and awaiting pricing from sub-contractor for part of the job. Concrete blocks ordered and booked to be installed by hi ab in second week of March
East	Moerewa Community Recycling Centre	Re-metalling of area washed away in storm (work already completed)	<b>COMPLETED</b>
North	Ahipara Refuse Transfer Station	Re-metalling of area washed away in storm	Work started - to be completed 1 March
West	Pawarenga Community Recycling Centre	Re-metalling of area washed away in storm	<b>COMPLETED</b>

Paihia waterfront – beach clean



*Paihia Beach clean-up (before)*



*Paihia Beach clean-up (after)*

Hihi Beach – removal of trees along coastline



*Hihi Beach tree removal (before)*



*Hihi Beach tree removal (after)*

Seaview Lookout, Paihia – track work



*Seaview Rd Track (before)*



*Seaview Rd Track (after)*

## 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 (600mm 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. We have reviewed historical leachate levels against seasonal rainfall and there appears to be a direct link between the two. Leachate levels decrease steadily until the topsoil becomes saturated in mid-winter and then starts increasing. There is significant storm water run-off from the capped landfill and the adjoining road. The roading department is now scoping an upgrade to the roadside drain to allow the stormwater to run off rather than pool and seep through the side wall of the landfill.

### Illegal dumping monitoring and Infringements

A meeting between Solid Waste team and the Monitoring department has been arranged to clarify roles and responsibilities in order to streamline the issuing of infringement notices.

## ECOSOLUTIONS WASTE MINIMISATION EDUCATION – FEBRUARY NEWSLETTER

**EVENTS** - EcoSolutions coordinated and ran recycling and waste services at the Waitangi Day celebrations including the PM's breakfast. It was a long day from 5am till 7pm, with 30 volunteers and 10 staff. This was a great success with 90% of waste diverted. We believe this is the highest diversion rate attained at any event in Aotearoa of this size.



**CLEAN UP EVENTS** - we have supported many riverside/beach/school wide clean ups this month. Analysing results and in some cases producing art to highlight the issue of littering.



**SCHOOLS** - we have continued supporting schools as they gear up for the free lunches in schools' program. Despite our advice to use reusable serveware, many schools have engaged Libelles, the largest provider approved by the MoE, which is utilising compostable packaging. We have trialled composting this packaging and found the volume and make up of this packaging requires a commercial composter.

We negotiated with Waipapa landscaping supplies on Libelles behalf. They will accept this waste if delivered, which will work as an interim solution for schools in Kerikeri and surrounds. Further North, we are mentoring a community operated garden, Arama Gardens in Peria, to process this until long term solutions can be found. They will be applying for funding to set up. We are part of a national dialogue to find sustainable solutions for this waste from the lunches in schools' program.

**BUSINESS VISITS** - we have been visiting our kindergartens offering assistance to install recycling systems and model sustainable behaviour; including diverting compostable waste. Once systems are setup, we will pass this on to a Community Compost Connection co-ordinator. We have highlighted successful waste reduction in Te Wawata, who were delighted to show us their reduction from one rhino of waste each week, to one wheelie bin of nappies. While River kids were happy to share online their success in reducing paper towel waste to one small plastic bag every three weeks.

**COMMUNITY** - we are running workshops throughout the region on upcycling, composting and reducing our impact on the whenua. These are diverting waste from landfill while modelling sustainability practices.

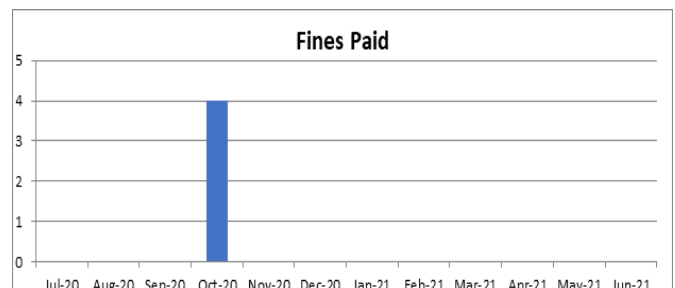
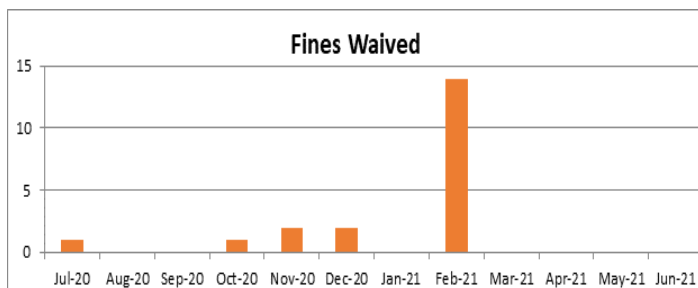
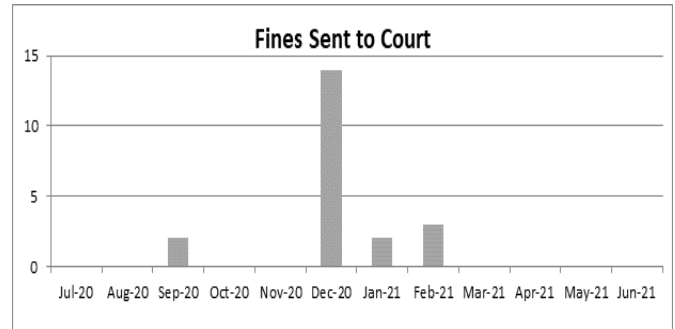
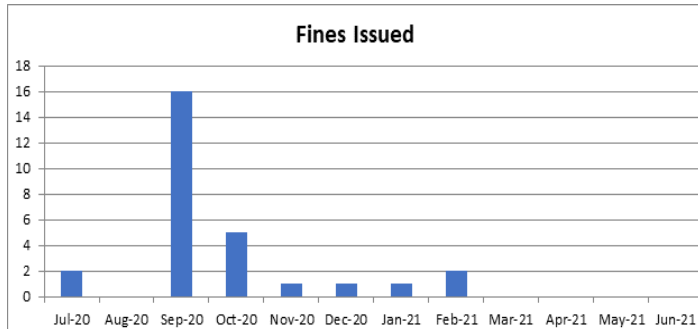
Online content: for online information on EcoSolutions activities and posts check out:

<https://www.facebook.com/cbec.ecosolutions>

<https://www.facebook.com/wastewiseschools>

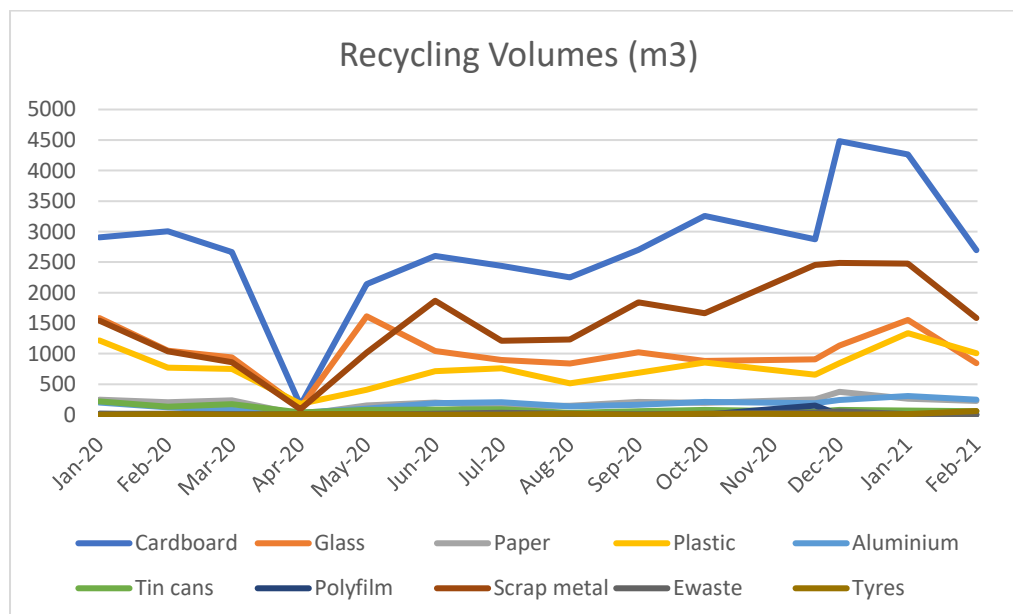
## LITTER INFRINGEMENT ACTION

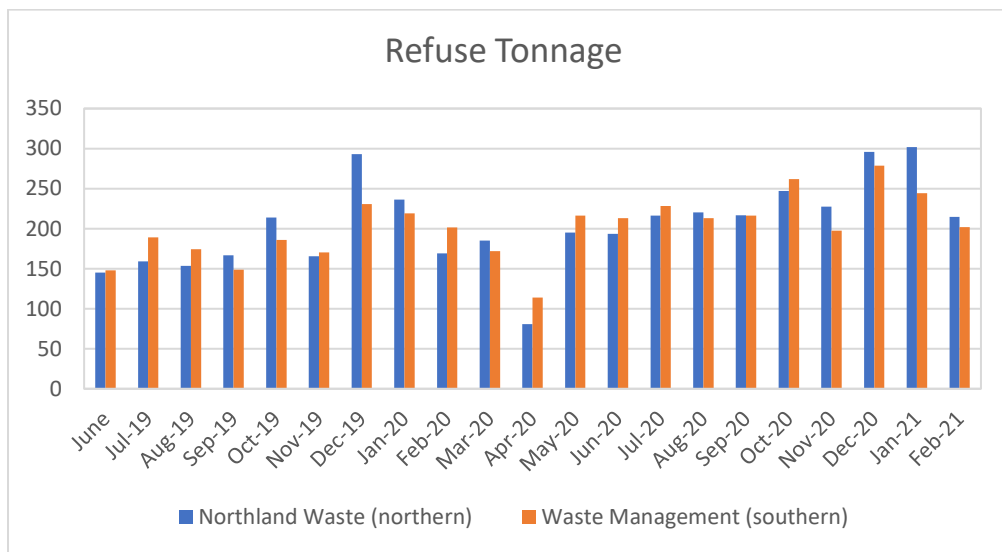
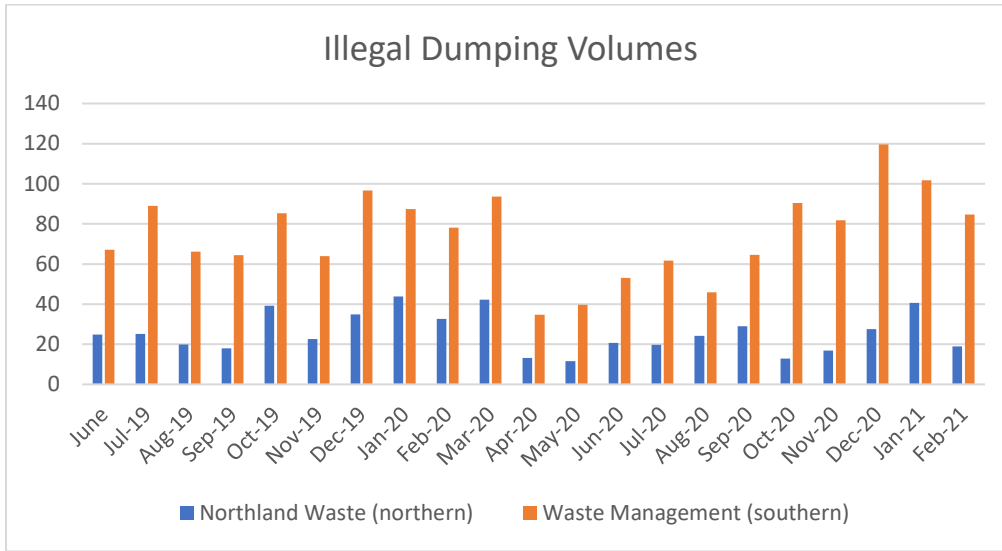
Offence Date	Offence Type	Status	Balance	Location Details	Month
20/10/2020	Deposited litter in/on a public place \$250 20-120L	First Notice	\$250	On Street: Church Road, Kaingaroa	Feb-21
6/10/2020	Deposited litter in/on a public place \$250 20-120L	First Notice	\$250	On Street: Kohumaru Road, Mangonui	Feb-21



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





## SWIMMING POOLS

All three pools remain open for the 2020/21 Summer season. The cooler weather has seen a drop in pool temperature with water temperature at Kaitiāia recorded as 20.1 C this week.



*Kerikeri High School Pool*

### **Kerikeri Pool**

There was a health and safety incident at the Kerikeri pool which resulted in a child being taken to hospital for observation. The child hit their head on the bottom of the pool while diving into the shallow end. Temporary signage has been put up warning the public of the danger until permanent signs arrive.

Leaks have been detected in the Kerikeri Pool and Hapori are investigating its source.

Maintenance works carried out this month

- Ball cock in balance tank not shutting off consistently. This has been fixed / altered by Keri Spa and Pool (confined spaces ticket required).

Outstanding maintenance

- Power socket not working on fence at end of main pool – required for vacuuming pool – deemed unsafe
- Roller door to chemical shed requires new door

### **Kaikohe Pool**

A leak continues at the Kaikohe Pool - both within the pool structure and also to the waste valve. The check meter has been installed and it has been determined that the leaks amount to approximately 11m<sup>3</sup> per day. A water exemption allowed the pool to operate during the L3 water restrictions. As the pool is ageing and repairs will be required more frequently, decisions need to be made about the on-going operation and associated costs.

During level 3 water restrictions an exemption is required to fill a public or school pool with mains water. A condition of this exemption is that the showers are blocked off to conserve water. Several elected members have queried the necessity to disconnect the showers at level 3 and have appealed to Council for this condition to be removed. With the recent rain, changes to the restriction levels will change and this may no longer be an issue.

Outstanding Maintenance

- Valve on waste pipe not fully shutting

Planned works

- Progress the Service Agreement documentation between Council and Northland College

### **Kaitia Pool**

Level 3 water restrictions continue to be managed well at the pool. As with Kaikohe, several elected members have queried the necessity to disconnect the showers at level 3.

The pool and office has been broken into a couple of times this month. A tablet used to monitor water quality was stolen along with shop items. Children have also been observed jumping the fence at night and swimming in the pool.

Security is being reviewed at the site, noting the pool site is fairly isolated. Security options being considered include additional patrols or a remotely monitored security camera.

Maintenance works carried out this month

- Alarm system fixed in office area, awaiting quote for the cost of beams across the pool
- New padlocks and keys installed throughout facility.

### **Customer Experience**

Good customer feedback results are being received on the survey forms which will be presented in next month's report.

Consideration is being given to the use of QR codes located at the pools which will allow customer feedback to be placed via the new "AskNicely" facility.

## Attendance Numbers

### KAITAIA SWIMMING POOL

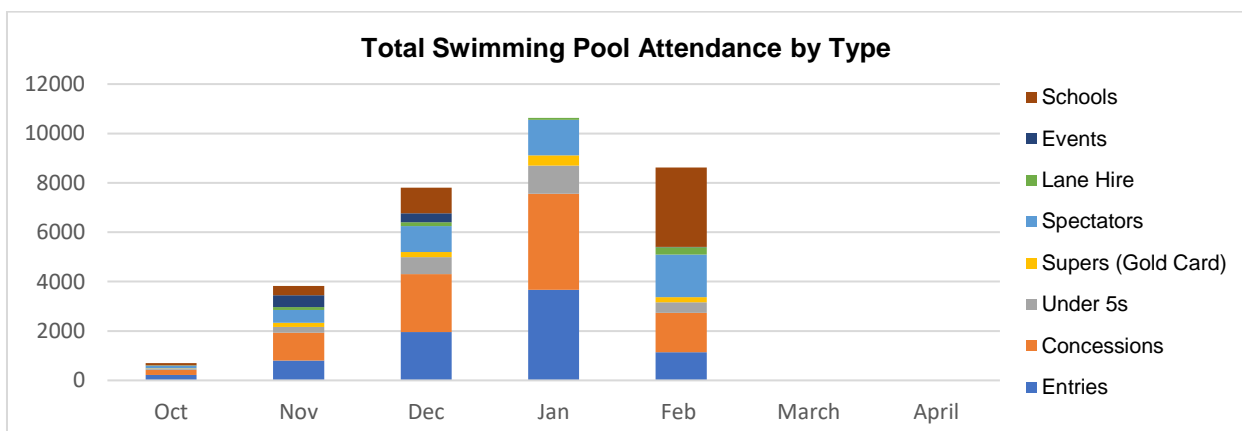
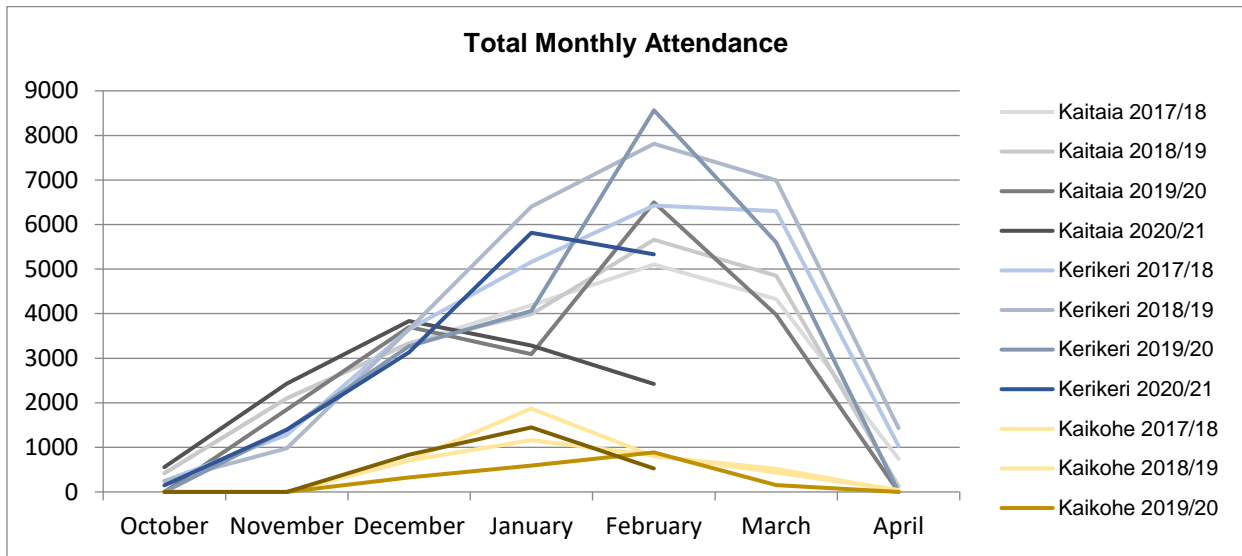
	Oct	Nov	Dec	Jan '21	Feb	March	April
<b>Entries</b>	182	577	787	1404	456		
<b>Concessions</b>	144	541	845	984	371		
<b>Under 5s</b>	48	169	340	383	153		
<b>Supers (Gold Card)</b>	1	58	51	83	27		
<b>Spectators</b>	80	196	421	502	229		
<b>Lane Hire</b>	8	26	0	10	3		
<b>Events</b>	0	482	362	0	0		
<b>Schools</b>	93	381	1029	0	1204		
<b>Total</b>	556	2430	3835	3283	2420		

### KERIKERI SWIMMING POOL

	Oct	Nov	Dec	Jan '21	Feb	March	April
<b>Entries</b>	36	221	865	1696	581		
<b>Concessions</b>	62	587	1206	2362	953		
<b>Under 5s</b>	10	71	234	599	225		
<b>Supers (Gold Card)</b>	13	106	133	312	164		
<b>Spectators</b>	27	329	535	784	1421		
<b>Lane Hire</b>	0	85	160	62	296		
<b>Events</b>	0	0	0	0	0		
<b>Schools</b>	0	0	0	0	2004		
<b>Total</b>	148	1399	3133	5815	5331		

### KAIKOHE SWIMMING POOL

	Oct	Nov	Dec	Jan '21	Feb	Mar	Apr
<b>Entries</b>	NA	NA	310	572	104		
<b>Concessions</b>	NA	NA	290	537	270		
<b>Under 5s</b>	NA	NA	116	159	53		
<b>Supers (Gold Card)</b>	NA	NA	18	25	15		
<b>Spectators</b>	NA	NA	99	155	68		
<b>Lane Hire</b>	NA	NA	0	0	1		
<b>Events</b>	NA	NA	0	0	22		
<b>Schools</b>	NA	NA	0	0	0		
<b>Total</b>	NA	NA	833	1448	527		



## 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	\$1,885.22		
Pool Hire	\$330.00	\$3725.00	\$4545.00		\$4,301.09		
Shop	\$18.20	\$205.60	\$319.00	\$386.52	\$132.17		
<b>TOTAL</b>	<b>\$696.02</b>	<b>\$7202.60</b>	<b>\$9315.00</b>	<b>\$6529.11</b>	<b>\$6,318.48</b>		

### KERIKERI SWIMMING POOL – income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$268.00	\$2323.00	\$5575.00	\$8598.26	\$3,028.70		
Pool Hire		\$622.50	\$963.75	\$135.00	\$3,795.65		
Shop		\$54.00	\$83.00	\$137.00	\$23.47		
<b>TOTAL</b>	<b>\$268</b>	<b>\$2999.50</b>	<b>\$6621.75</b>	<b>\$8870.66</b>	<b>\$6,847.82</b>		



**KAIKOHE SWIMMING POOL - income**

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate			\$1517.00	\$2376.00	862.61		
Pool Hire					147.83		
Shop			\$12.00	\$18.26	7.83		
<b>TOTAL</b>			\$1529.00	\$2394.76	1,010.44		

**TOTAL SWIMMING POOL INCOME**

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
<b>TOTAL</b>	\$964.02	\$10,202.10	\$17,465.75	\$17,794.53	14,028.91		

**COMMUNITY / COUNCIL FACILITIES**
**OCS Audits**

LOCATION	Nov '20	Dec '20	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Comment
Kaikohe Headquarters - Lockwood	96.7	96.9	97.4	97.4						
Kaikohe Headquarters – Annex and upstairs	96.7	96.9	97.3	96.8						
Kaikohe Headquarters – Publications	96.7	96.9	92.1	97.5						
John Butler Centre – Level 2	97.6	97.6	97.5	98.1						
John Butler Centre – Level 1	98.2	97.6	98.2	98.2						
John Butler Centre – Ground floor	97.3	97.5	98.1	98.0						
Rawene Service Centre	3/M	NA	NA	97.6						
Kaero Service Centre and Library	3/M	NA	98.2	97.4						
Procter Library	96.6	97.4	97.3	96.1						
Paihia Library	96.3	96.5	96.4	97.0						
Kaikohe Library	3/M	91.9	94.3	91.9						
Bay of Islands Information Centre	96.9	97.4	95.9	NA						3-monthly
Hokianga Information Centre	3/M	98.0	NA	97.8						

## Rawene Hall

Project handover for the external accessibility ramp and concrete path is nearing completion and just waiting final topsoil placement and stormwater completion.



*Rawene Hall Accessibility Ramp*

## Okaihau Hall

Stormwater works to redirect existing blocked stormwater drainage out into street kerb is being completed with new stormwater drainage being laid under the hall from the rear out to the front of the hall.



*Okaihau Hall Stormwater Renewal Works*

Community Hall information on their last years financials and statics is being prepared and will be presented to the Community Board's.

## 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:

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

## LEASES / AGREEMENTS

Feb-21	To do	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing	Completed this month
<b>Western</b>			Opononi Statue Agreement <b>JAN '21</b> Northland College - Swimming Pool MOU (renew) progressing	<b>JAN '20:</b> Opononi Bowling Club Lease (new) <b>FEB '21:</b> Hokianga Coastguard Lease (new) <b>JAN '20:</b> Hokianga Treks	<b>JAN '21:</b> RAD Lease - contact had and areas that need addressing to be progressed <b>JAN '21</b> Rawene Campus Lease with Te Puna o Kupenuku (potential lessee). New and needs to align to the MOU and clearly ID roles, responsibilities and liabilities etc.		
<b>Eastern</b>	Kerikeri College - Swimming Pool MOU (review) <b>Feb '21:</b> Waipapa public toilet agreement (on hold due to project work on new system) <b>NOV '20:</b> Paihia Village Green: this years market on hold due to the impact of COVID and no cruise ship visits. <b>NOV '20</b> Cherry Park House - discussions underway with EM's and staff to look at a future structure of management committees <b>FEB '21:</b> Melia Investment Ltd - will require an extension to the land lease concerning the land on which the Effluent Dump Station is located. Expires 30/06/2021	<b>FEB '21:</b> Russell Sports Trust Lease (renewal)	<b>OCT '20</b> Cherry Park House - discussions underway to consider future structure of management committees (involves SP&P) <b>AUG '19:</b> Kawakawa Memorial Library Hall Lease (renewal?) <b>NOV '20:</b> Te Hue Bay Agreement to permit a picnic area and slipway to remain in place for use by the public. On hold until the new	<b>JAN '21:</b> Rolands Wood - signed agreement received from FORWT. Matter will proceed to the High Court to change over the <b>FEB '21:</b> Russell Tennis Club - contacted by Club - discussing need for a formal arrangement	<b>ONGOING:</b> Walls Bay (Doug Smuck) <b>ONGOING:</b> Kerikeri Sports Complex Lease (new)	<b>FEB '21:</b> Whangaroa public toilet water supply agreement with the marina being negotiated.	<b>FEB '21:</b> Bledisloe Domain Agreement - meeting held with CE Waitangi National Trust. No change to the Agreement.
<b>Northern</b>	<b>FEB '21:</b> Te Hiku Sports Hub land lease (project starting May '21 - need to review status) <b>FEB '21:</b> Mangonui Netball Club met with Council and Te Hiku Sports Hub re request to issue a new lease. Confirmation needed as to where to next. <b>FEB '21:</b> Omatai Waka Ama Club. Start to look at extending temporary use of at Taipa.	<b>JAN '20:</b> Hihi Community Centre Lease (new)	<b>ON HOLD (June):</b> Kaitaia Saturday Market Agreement (on hold) <b>JAN '20:</b> Te Kao - public toilet Agreement (new) <b>FEB '21:</b> Te Rarawa Rugby lease - letter received from Club requesting new lease <b>FEB '21:</b> Kaitaia Plunket Lease - new premises found however future use the Banks St site still being considered as a possible option.	<b>JAN '20:</b> St Johns Ambulance Ahipara Lease (renewal) <b>JAN '20:</b> Te Kohanga Reo o Houhora Lease (new) <b>FEB '20:</b> Tumanako o Kaitaia Kohanga Reo Trust (new)	<b>JAN '21:</b> Waiotaraire Reserve - public toilet water supply agreement is progressing <b>DEC '20:</b> FENZ Karikari 28 Maitai Bay Road (Rob Koops)	<b>JAN '21:</b> APRI - Unahi Wharf Agreement: a few more adjustments needed	
<b>Other</b>	Far North Holdings - property agreement SP&P to do: * Paihia Village Green Management Plan						

# PROVINCIAL 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.

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.

Two of five sections have been sealed on Peria road, with the third one imminent. The other sections are at various stages of construction, including rock wall construction and drainage.

Both Ruapekapeka and Ngapipito Roads experienced delays in commencing physical works prior to Christmas, but they are now well underway with earthworks and drainage complete on Ruapekapeka Road (stage 1), and clearing is underway on Ngapipito Road.

## SUMMARY – FEBRUARY

### **Priority 1 Routes**

#### **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. Section three is almost ready for sealing, with rock wall construction and stabilising having been completed. Drainage and rock wall construction have continued in Section Four 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.



Stabilising in progress at Peria on Section 3



Replacement of culvert in Section 4.

### ***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 Ventia, previously Broadspectrum.

Work has started onsite, with clearing and drainage works underway. Pavement design has been completed and the slip repair design is close. Resources on site are focussed on completing all earthworks and drainage works prior to winter, allowing the road pavement work to be staged and ready for final surfacing early next season (by December 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.

## **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*

Widening works are 90% complete on stage 1 works, with subbase laying to commence in March. The programme is still on track for pavement works in late March with a seal mid-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.

The design for Stage 2, including the proposed retaining walls below the Pa site and the SH1 intersection improvements is near completion.

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.

## **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.

<b>► Priority 1 Roads Programme Milestones</b>			
<b>Deliverable</b>	<b>Original Completion Date</b>	<b>Expected Completion Date</b>	<b>Status</b>
<ul style="list-style-type: none"><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 style="list-style-type: none"><li>• ECI agreement in place</li><li>• Stage 1 investigation and design complete</li></ul>	30 September 2020	Achieved	
<ul style="list-style-type: none"><li>• Stage 2 design complete</li><li>• Stage 2 construction underway</li></ul>	31 December 2020	15 March 2021	

► Priority 1 Roads Programme Milestones			
Deliverable	Original Completion Date	Expected Completion Date	Status
<ul style="list-style-type: none"> <li>Stage 2 construction complete</li> </ul>	31 March 2021	30 November 2021	
<ul style="list-style-type: none"> <li>Final completion of surfacing MSQA reporting and monitoring paperwork</li> </ul>	30 June 2021	30 December 2021	

A Funding Agreement Variation has been submitted to 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 style="list-style-type: none"> <li>Funding Agreement executed by both parties</li> <li>Investigation and design underway</li> </ul>	August 2020	Achieved	
<ul style="list-style-type: none"> <li>ECl 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 style="list-style-type: none"> <li>Stage 1 construction complete</li> <li>Stage 2 design complete</li> <li>Stage 2 construction underway</li> </ul>	31 December 2020	31 March 2021	
<ul style="list-style-type: none"> <li>Stage 2 construction complete</li> </ul>	31 March 2021	30 November 2021	
<ul style="list-style-type: none"> <li>Final completion of surfacing</li> </ul>	30 June 2021	30 December 2021	

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	\$19,579	Ongoing
Hoskin Civil	\$62,831	Ongoing
Northern Civil	\$3,995	Complete
WSP	\$176,941	Complete
Ventia (previously Broadspectrum)	\$21,234	Ongoing
Fulton Hogan	\$2,690,231	Ongoing
Rawene Consultants	\$412	Complete
<b>Total</b>	<b>\$2,975,226</b>	

► Ruapekapeka Road		
Contract	Paid to Date	Status
Northern Edge	\$10,164	Ongoing
Hoskin Civil	\$83,328	Ongoing
Northern Civil	\$4,240	Ongoing
Williamson Water	\$7,158	Ongoing
WSP	\$30,011	Complete
Geometria Ltd	\$6,392	Ongoing
Top Energy	\$1,100	Ongoing
Ventia (previously Broadspectrum)	\$341,670	Ongoing
Haigh Workman	\$72,175	Ongoing
<b>Total</b>	<b>\$556,241</b>	

## HEALTH AND SAFETY

A safety audit was completed on the design at Peria Road in the final week of February, results will be made available to us shortly.

## KEY RISKS AND OPPORTUNITIES

The following programme risks have been identified and are being actively managed:

- The project agreement between Te Ruapekapeka Trust and Council has been agreed in principle. 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. These are currently in design phase and the physical works will be completed before December 2021.
- A Funding Agreement Variation has been submitted to the Provincial Development Unit for the Priority 1 Roads project with the completion date now December 2021.

## 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.

A hui was planned for 2 March to discuss the design of the Pou proposed for the SH1 intersection. Unfortunately, the Covid restrictions meant this had to be postponed to a later date.

# 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.

## SUMMARY - FEBRUARY

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.

February 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.

We now have approval to commence the artwork in Kaitaia, which will be a very visible sign for the community that this project is well underway. The artworks not only provides an opportunity for an array of artists to be involved but is providing much needed income for both the local sign writing and printing companies. Both companies are working collaboratively on the large scope of works and in turn this is keeping all their staff employed as there was a period, they were concerned about having to put long standing employees out of work.



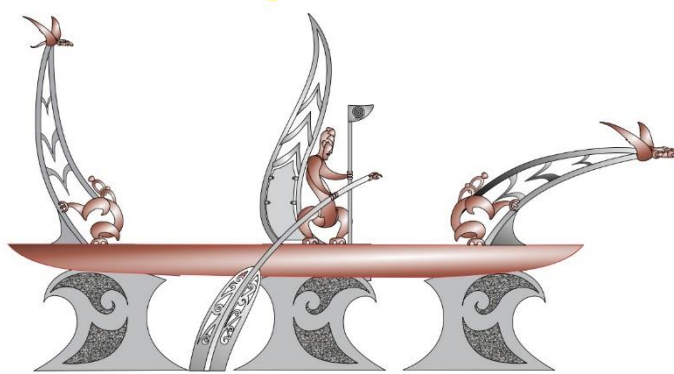
Concept of ex-Warehouse Building beside the main carpark for Kaitaia



Signage over the new Dalmatian alleyway

Although Busck have been engaged to provide the concrete furniture, we have put out a project brief and scope of works for local tradespeople to tender for the concrete bases to be poured on site. This has created lots of interest and again highlighted the need for more of our smaller businesses to undertake the Sitewise certification process.

The procurement plan for Cultural Art has been submitted to the Tender Panel for approval and the Iwi agreements have been reviewed by all parties with final feedback expected in early March.



Concept by Te Rarawa, one of five iwi in Te Hiku who has designed the 3 pieces which make up this waka representing Kaitaia

Deliverables for 28 February have been largely achieved, although the 'detailed plans' are still being refined, including specialist design work for pump-tracks and playgrounds etc.

## 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. Deliverables for 28 February 2021 have been largely achieved with detailed plans for the final design of pump-tracks and playgrounds still in progress. We have not spent the initial upfront payment of \$3.5M, so no claim is due for this milestone.

▶ Te Hiku O te Ika		
Deliverable	Completion Date	Status
<ul style="list-style-type: none"> <li>The agreement executed by both parties. Project is 'shovel ready'</li> </ul>	30/10/2020	
<ul style="list-style-type: none"> <li>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.</li> </ul>	28/02/2021	
<ul style="list-style-type: none"> <li>Awanui carpark &amp; playground underway</li> <li>Ahipara carpark &amp; playground underway</li> <li>Recipient to provide evidence to the Ministry that the previous instalment has been spent and that the consent has been granted.</li> </ul>	30/05/2021	
<ul style="list-style-type: none"> <li>Kaitaia Town square and market square complete</li> <li>Streetscaping completed Ahipara, Awanui and Kaitaia</li> <li>Pump park completed in Kaitaia and Ahipara</li> <li>Recipient to provide evidence to the Ministry that the previous instalment has been spent.</li> </ul>	31/08/2021	
<ul style="list-style-type: none"> <li>Awanui carpark and playground completed</li> <li>Ahipara carpark and playground completed</li> <li>Cultural Art erected</li> <li>Awanui Jetty completed</li> <li>Ahipara walkways completed</li> </ul>	30/11/2021	
<ul style="list-style-type: none"> <li>All works completed and project finishes</li> </ul>	30/06/2022	

## FINANCIAL OVERVIEW

▶ Te Hiku O te Ika		
Contract	Paid to Date	Status
Northern Edge	\$15,582	Ongoing
Hoskin Civil	\$56,777	Ongoing
Dentons Kensington Swan	\$961	Ongoing
In the Field Safety	\$5,964	Ongoing
Panther Consulting	\$7,927	Complete

▶ Te Hiku O te Ika		
Rawene Consultants	\$7,975	Ongoing
Safety 'n Action	\$490	Ongoing
Signs of Life	\$360	Ongoing
Stellar Projects	\$5,675	Ongoing
Von Sturmers	\$8,202	Ongoing
Xscape Design	\$19,152	Ongoing
<b>Total</b>	<b>\$129,057</b>	

## 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.



Contractors attending Sitewise course in Kaitia

# CIVIL DEFENSE EMERGENCY MANAGEMENT

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

recovering from emergencies.



## NATIONAL

Work is underway on the **Regulatory Framework Review (Trifecta) Programme**. This Programme brings together three separate but interconnected pieces of work.

- Amendments to the Civil Defence Emergency Management Act 2002
- Review of the National CDEM Plan Order 2015 (National CDEM Plan) and accompanying Guide
- Development of the National Disaster Resilience Roadmap

Cross cutting workstreams are being established to address priorities across the three projects including Iwi Maori representation, supporting disabled people, system funding, financial arrangements and clarifying lead agency arrangements

Work is underway on the **development of a CDEM Act Amendment Bill** which pending Ministerial and cabinet decisions, would be introduced by the end of 2021.

Recognising **the role that iwi Maori play in emergency management** and further integrating te ao Maori into emergency management is another key focus for NEMA for the year ahead. It is the intention work to ensure that emergency management systems are geared towards inclusive and community -led responses.

## NORTHLAND CDEM GROUP

Planning meetings have been undertaken with Fire and Emergency New Zealand and Top Energy Ltd to **update emergency plans for the Ngawha Geothermal Power Station** and with Te Tai Tokerau Water Trust, including other stakeholder Groups to develop an interim emergency plan for the construction phase of the **Matawii retention dam**.

Due to COVID-19, last year's Northland **Youth in Emergency Services (YES) Programme** was cancelled. It has been decided to proceed with the programme this year in Mangawhai and planning is underway and scheduled for May 2021 subject to ongoing response and restrictions to COVID 19 at the time.

**The Controller Development programme** planned for 2021 involves several development opportunities including;

- Resilient strategies for dynamic times workshop
- CDEM Group Plan workshop
- CDEM Forum
- Resolving conflict
- Effective communication in a response
- National Exercise Rauora.

New controllers have the opportunity of completing the response and recovery leadership capability development which aims to support controllers to develop their response and recovery management and leadership capabilities at the local, regional and national levels. Controllers must be nominated for the Programme and if their nomination is successful will complete an online learning session focusing on building common capabilities for response and recovery, followed by face to face participation in active learning and exercises.

The annual half day **Northland Civil Defence Emergency Management Forum** is scheduled to be held Wednesday 5 May, from 9am – 1pm, at Forum North. The forum is free to attend and is open to agencies, emergency services and interested members of the public with registrations opening 22 April.

Two applications have been submitted by the Northland CDEM Group to the **National Emergency Management Resilience Fund** for resourcing to fund Iwi engagement, (\$80,000) and an Impact Assessment technology tool (\$30,000).

**Coordinated Incident Management (CIMS)** and other functional role courses have been scheduled and dates confirmed, to allow agencies to program this into staff training and professional development. This schedule has been sent to all agency's groups to sure early registrations are received so that where numbers permit, (CIMS) courses can proceed and are able to be held in both the Far North and Whangarei districts.

As part of a **community engagement initiative**, Civil Defence Officers and Far North District Council staff and contractors have been assisting the Te Kura Kaupapa Maori o Kaikohe with a sustainability study project on water supplies. The concept of the project is centred on a local big issue the tamariki can contribute to on a small scale and in particular the continuity of water supplies in drought situations for urban and rural communities.

Site visits have been undertaken with the Kura to explain where the water for Kaikohe comes from, how it is treated, the geological process of aquifers, how exploration and drilling is undertaken, and the current project work underway to improve water security for Kaikohe.



## WARNINGS AND ADVISORIES

A **National Advisory notification** was received from the National Emergency Management Agency (NEMA) national warning system at 0220 hrs. on Thursday 11 February in response to a 7.7 magnitude earthquake in the Pacific near the Loyalty Islands – New Caledonia.

NEMA issued various alerts and advisories consistent with the National Tsunami Plan. The Northland CDEM Group on call duty officer and controller, supported by other CDEM staff responded immediately to the initial notifications and alerts and carried out initial actions in accordance with Northland Tsunami response standard operating procedures.

# Tsunami Forecast Map



Maximum expected amplitude at shore	Threat definition
<0.3m	<b>No threat</b>
0.3–1m	<b>Beach &amp; Marine Threat</b> (including harbours, estuaries and small boats)
1–3m	<b>Land &amp; Marine Threat</b>
3–5m	
5–8m	
>8m	

As shown on the Tsunami Forecast Map, the tsunami threat to New Zealand initially included all coastal communities from Ahipara to the Bay of Islands. While the threat level did not reach the warning criteria, low lying Department of Conservation camping grounds close to tidal streams at Sprints Bay and Tapotupotu were evacuated as a precautionary measure.

A hot de-brief identified several opportunities for improvement. Overall, the NEMA/GNS response to the Loyalty Islands earthquake and tsunami was too slow, information contained within the map attached to the second advisory and content did not match and the National Warning System failed to alert the complete list of those in the Northland CDEM team who were on call and had been registered for National Warning System information previously. A compounding factor was that two key GNS tsunami tidal gauges, both on Raoul Island at Fishing Rock and at Boat Cove, were not operating at the time the event occurred.



## APPENDICES



**TE TAI TOKERAU  
WORKER  
REDEPLOYMENT  
PACKAGE –  
MONTHLY  
REPORT**



**PROVINCIAL  
GROWTH  
FUND**  
TUAWHENUA

<b>Location and Region:</b>	<b>Te Tai Tokerau\Northland</b>
<b>Contracted Amount:</b>	<b>\$9.32 million (Original) + \$4 million (Storm Variation)</b>
<b>Report Date:</b>	For the month ending 28 <sup>th</sup> February 2021
<b>Programme Outcomes:</b>	<ul style="list-style-type: none"> <li>• prioritise the employment of local workers displaced by the COVID economic crisis;</li> <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

On Friday 19<sup>th</sup> February 2021 MBIE advise approval of Variation Request # 3 for the extension of the Completion Date to be 18<sup>th</sup> June 2021 for the following three funding items:

9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi
16. WDC Storm Response works
17. FNDC Storm Response works

The remaining programme milestone and payment schedule has also been revised as part of the variation approval to reflect the extended programme timeframes.

<b>Project Element</b>	<b>Details of progress</b>
<b>1.</b> Removal of self-seeded roadside trees	Funding item complete.
<b>2.</b> Roding sightline improvements and vegetation clearance	Funding item complete.
<b>3.</b> Roadside litter collection and clean-up	Funding item complete.
<b>4.</b> Removal of known Roadside hazardous trees	<p><b>FNDC</b> – Work on this funding item complete</p> <p><b>WDC</b> – Final works completed on this funding item in February. Large dangerous trees overhanging roadside have been removed (i.e. cut back to trunks by removal of branches) at:</p> <ul style="list-style-type: none"> <li>• Whananaki North Road – <ul style="list-style-type: none"> <li>○ 4979 meters (lone pine), 5143 meters (lone pine), 6475 meters (lone pine lifted and cut back), 6491 meters (large pine removed), 6983 meters (last leaner removed) and 18523 meters (large pine removed).</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Russell Road – <ul style="list-style-type: none"> <li>○ 1.1 kms (3 trees), 2.1. kms (Tree lift), 7.3 kms (lone pine), 13.2 kms (lone pine), 13.5 kms (Tree lift), 19.9 kms (Lone Pine), 24.2 kms (3 pines in bush), 24.3 kms (28 small to medium pines) and 32.5 kms (1 x large pine on cliff top and 3 smaller pines).</li> </ul> </li> </ul> <p>Removal of Large pine trunks in Whananaki North Road by Woof Contractors and delivered to local pine merchant in Pigs Head Rd. Traffic Control delivered by Traffix Manpower. 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 completed by new contract for local carrier and hiab. (Woof Contracting).</p> <p><b>KDC – Work on this funding item complete</b></p>
5. Removal of self-seeded roadside trees	<p><b>FNDC – Final tidy up works completed of remaining sites at Kapiro Road, Matawaia - Maromaku Road and Wiroa Road.</b></p> <p><b>WDC – Following works completed in February:</b></p> <ul style="list-style-type: none"> <li>• Mangapai - Totara's on bank</li> <li>• Maungakaramea - Dead Flame trees &amp; Poison any regrowth</li> <li>• Millbrook Rd - Large row of Pine trees</li> </ul> <p><b>KDC – Final pass over of large-scale vegetation removal site by way of mechanised pruning to collect the strangler and sprouting plants.</b></p>
6. Roadside litter collection and clean-up	<p><b>FNDC – Final collection completed on Heritage Bypass utilising remaining funding.</b></p> <p><b>WDC – program was completed in January.</b></p> <p><b>KDC - Crew has been maintained as two committed temp workers to provide extended employment for the duration of the funding period. During February they removed 36 bags of rubbish from the road corridor. This brings the total to <b>1120 bags of rubbish over the last 7 months.</b></b></p>
7. Spot Spraying Noxious Weeds	<p><b>FNDC - Work on this funding item now complete</b></p> <p><b>WDC – Final spraying completed during February at Cemetery Road, Parakiore Road and Three Mile Bush Road</b></p> <p><b>WDC Parks - Work on this funding item now complete</b></p> <p><b>KDC – Spraying of self-seeded / noxious pest plants. Predominantly Wattle and Pampas, Privet, Blackberry, wilding Pines and Gum trees</b></p>
8. Sight Rail Improvements (3# districts)	<p><b>FNDC - completed 6 sites on Haruru Falls Road and 1 site at Marlow Road.</b></p> <p><b>WDC – program was completed in January.</b></p> <p><b>KDC – Work on this funding item now complete</b></p>
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangī	<p>Whilst the full programme of works was not completed at the end of February, the achievement to date was almost 90% by spend value. The extended works completion date allows flexibility for suppliers through the current uncertain times with changing COVID alert levels and subsequent supply chain disruptions.</p> <p>Works are completed across several sites with the finalisation of works underway in particular sites as detailed below;</p>

	<ul style="list-style-type: none"> <li>• Mangawhai Community Park - Reinstatement of shared tracks/walkways partially completed. This was programmed for completion in February, however due to extenuating circumstances completion is now programmed for May.</li> <li>• Kaiwaka/Oneriri intersection reserve - clean-up programmed for completion in February, however due to extenuating circumstances completion is now programmed for March.</li> <li>• The following works are now complete: <ul style="list-style-type: none"> <li>○ Mangawhai Community Park: <ul style="list-style-type: none"> <li>▪ Removal of large wilding pines in Thelma Road South;</li> <li>▪ Removal of large stand of Gum Trees and Wilding Pines;</li> <li>▪ Follow up pest plant treatment and stump grinding;</li> <li>▪ Mulching and preparation for revegetation;</li> <li>▪ Initial planting and revegetation.</li> </ul> </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> <li>○ Omana Road Reserve - Pest Plant Eradication.</li> </ul> </li> <li>• Mangarahu Rock Reserve - Pest Plant Eradication/Treatment.</li> </ul>
<p>10. WDC Parks - Vegetation clearance &amp; clean ups</p>	<p>Funding item complete.</p>
<p>11. FNDC Parks - Vegetation clearance &amp; clean ups</p>	<p>Final works completed in February:</p> <ul style="list-style-type: none"> <li>• Whangae, Kaitaia and Horeke - again utilized a sub-contractor with a mulcher to break the back of several large areas of reserves before our crew went in to tidy the edges etc. The target was primarily gorse, bamboo and privet. In addition, a chipper was hired for several jobs where it was not practical or desirable to leave the vegetation on site nor was disposing of it as green waste, an option.</li> <li>• Waipapa and Kerikeri - additional hand cutting and stump poisoning of tobacco weed was completed.</li> <li>• Haruru Falls - mulching of non-contracted community garden beds carried out, after being weeded to prevent regrowth.</li> </ul> <p>Ahipara - a digger was used along with ground-based crew to clear gorse and debris from drains on the local reserve.</p>
<p>12. NRC - Rivers &amp; Beaches Vegetation clearance &amp; clean ups</p>	<p>Funding item complete.</p>



13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whg. Falls)	Funding item complete.
14. New Footpaths (3# districts) missing links in existing urban network	<b>FNDC</b> – Signal Station Road Footpath - all key construction items physically completed / Final site walkovers completed. <b>WDC</b> – Ngunguru Road - all key construction items physically completed the last section (2.5m shared path) / Final walkovers (3) completed. <b>KDC</b> – Final site walkover completed.
15. Accelerated Unsealed network grading program	<b>FNDC</b> - Wet Roll & Grade (WRG) completed on Waiare Road. <b>WDC</b> – Tea Tree Flats Rd dust suppression undertaken. <b>KDC</b> – No works undertaken during February.
16. WDC Storm Response works	Storm Response scope activities have continued. 92% of total \$2m identified works has been completed as at 28 <sup>th</sup> February 2021.

Work Type	Original Total	Revised Forecast	Monthly Progress		
			Expenditure	% Complete	Comments
Stormwater, Waste & Drainage	\$ 569,808.98	\$ 523,465.93	\$ 523,465.93	100%	Work Completed
Parks	\$ 780,941.25	\$ 847,046.77	\$ 724,997.39	86%	Work remains at two key sites
Roading - Priority 1 & 2	\$ 650,333.99	\$ 629,487.30	\$ 582,977.31	93%	Work to date has been completed at lower cost than originally estimated. Work associated with 15 of 21 activities has been completed with 1 further activity underway - remainder to complete prior to end of May 2020
	\$ 2,001,084.22	\$ 2,000,000.00	\$ 1,831,440.63	92%	

*\*Total expenditure being managed across funding lines to contain within \$2m funding limit.*

17. FNDC Storm Response works	Storm Response scope activities have continued, with completion on track for revised timeline of end-May 2021. 26% of total \$2m identified works has been completed as at 28 February 2021.
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Work Type	Original Total	Moerewa component	Revised Forecast	Completed Value	Comments
Moerewa Initial Clean Up (retrospective)	\$ 77,073.06	\$ 77,073.06	\$ 77,073.06	\$ 77,073.06	Retrospective works - fully complete
BSL Districtwide Flood Response (retrospective)	\$ 113,779.06	\$ -	\$ 113,779.06	\$ 113,779.06	Retrospective works - fully complete
Flood Protection Works	\$ 351,906.78	\$ 179,435.00	\$ 351,906.78	\$ 75,301.00	Work continues - on track for completion end May 2021
Parks	\$ 550,735.00	\$ 31,435.00	\$ 550,735.00	\$ 1,435.00	Work continues - on track for completion end May 2021
Roading - Moerewa Specific	\$ 50,101.25	\$ 50,101.25	\$ 50,101.25	\$ 50,101.25	All Moerewa specific items completed
Roading - General	\$ 949,528.63	\$ 2,626.88	\$ 865,674.23	\$ 206,328.40	Work continues - on track for completion end May 2021
	\$ 2,093,123.78	\$ 340,671.19	\$ 2,009,269.38	\$ 524,017.77	

*\*Expenditure will be managed across funding lines to contain within \$2m funding limit.*

## 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 Unemployed	Youth (15-24)	Māori	Pasifika	Women	Job type (Part Time/Full Time/ Contractor)
4. Removal of known Road side hazardous trees	19	0	6	7	0	1	Full Time Contractor
5. Removal of self-seeded roadside trees	20	2	7	7	1	2	Full Time Contractor
6. Roadside litter collection and clean-up	13	2	4	6	2	3	Full Time Fixed Term
7. Spot Spraying Noxious Weeds	7	1	1	4	0	1	Combination of Contractor staff & redeployed workers
8. Sight Rail Improvements (3# districts)	10	2	5	5	2	1	
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	8	4	2	4	0	2	4 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	13	0	3	6	1	2	Only those engaged during February are listed
15. Accelerated Unsealed network grading program	12	0	4	6	2	2	
<b>Target</b>	<b>165</b>	<b>50</b>	<b>30%</b>	<b>45%</b>	<b>5%</b>	<b>20%</b>	
<b>Actual current month</b>	105	13	32	47	9	14	Numbers reducing as programme nears completion
<b>Peak Employment (October)</b>	<b>293</b>	<b>98</b>	<b>72</b>	<b>126</b>	<b>25</b>	<b>50</b>	
<b>Comparison to employment target of 165</b>	<b>+128</b>	<b>+48</b>	<b>44%</b>	<b>76%</b>	<b>15%</b>	<b>30%</b>	

Note – As activities now 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	People previously but no longer employed on the project	Expected jobs in the future
105	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 February 8 people continued to be employed as part of the current stages of works. The month was quieter due to reprogramming of works, particularly in the Mangawhai Community Park due to delays due in most part to COVID level changes and Retrospective Consent requirements.

Further works are to be undertaken through to May 2021 to fully complete elements of this works package. It is expected that there will be up to 10 people employed through to completion of elements of this work package. The works were planned for completion by the end of February 2021, however due to retrospective consent requirements, COVID alert level changes, weather and peak usage of park facilities, agreement was reached with MBIE to extend the completion of the works through to May 2021. The extension of works into May 2021 has also provided additional work surety for some of the suppliers and workers who were concerned about workload leading into the winter months.

### 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 directly affected by Covid-19	3.5	\$ 200,000	10
T8 Traffic Control Limited	Local	Sub-Contract	Opportunity for local branch to grow and create new jobs. Contribution to contract purpose by providing Traffic Management	5 months	\$ 150,000	6
O'Rourke 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 amount	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	TBC	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 Iwi owned business	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 304,109	11 (2 resigned)
Nga Uri o Hau Settlement Trust	Maori/Local Iwi owned business	Direct	Supply and planting of plants for revegetation	2 month + follow up	\$ 119,608	4
Andrew Younger Contracting	Local	Direct	Preparation of area 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 Roding	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 Drainage	Local	Sub-Contract	FNDC Footpath works (culvert installation)	1 week	\$ 7,000	1
					<b>\$ 5,004,668</b>	<b>55</b>
Percentage of total works completed to date (excluding \$4m storm funding component)					54%	

#### 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.
<p><b>Targeted employment:</b></p> <p>Employment targets that apply to the 165 workers employed:</p> <ul style="list-style-type: none"> <li>a. 45% Maori</li> <li>b. 5% Pasifika</li> <li>c. 20% Women</li> <li>d. 30% Youth (18–24 years)</li> </ul> <p>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.</p> <p>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.</p>	<p>Refer to employment table – section 2.1</p>	<p>Key Programme “peak” employment figures:</p> <ul style="list-style-type: none"> <li>a. 126 Maori</li> <li>b. 25 Pasifika</li> <li>c. 50 Women</li> <li>d. 72 youth</li> </ul> <ul style="list-style-type: none"> <li>• 293 FTE positions reported as working at peak of programme with 98 of these reported as workers were previously unemployed.</li> </ul>
<p><b>Local (regional) businesses prioritised for employment:</b></p> <p>40% of direct contract and sub-contract values will be awarded to businesses owned and operated by people who reside in the region</p>	<p>Refer to Section 3 of report</p>	<ul style="list-style-type: none"> <li>• Approximately \$5m (54% of Original Programme funding) awarded to and completed by Local Northland businesses.</li> </ul>
<p><b>Maori and Pasifika enterprises prioritised for employment:</b></p> <p>15% of the direct contract and sub-contract values will be awarded to Maori or Pasifika enterprises.</p>	<p>Refer to Section 3 of report</p>	<ul style="list-style-type: none"> <li>• Approximately \$1.373m (15% of Original Programme funding) reported as being awarded to, and completed by, Local Northland enterprises.</li> </ul>
<p><b>Skills and training delivered:</b></p> <p>Provide training relevant to the requirements pre/post and throughout the project to ensure all staff are appropriately skilled, qualified, and safe in the workplace.</p>		<p>Skills training and achievement of formal qualifications completed for many redeployed workers.</p>
<p><b>Improved Conditions for Workers:</b></p> <p>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.</p> <p>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.</p> <p>All new employees engaged on fixed term contracts shall receive remuneration consistent with industry standards for their skill level and experience.</p>		<p>All workers have completed respective organisation induction and on-boarding training.</p> <p>Several opportunities being pursued for engaged redeployed workers to transition to full time employment.</p>
<p><b>Environmental Responsibility:</b></p> <p>Adoption of practices that enable the project to be delivered sustainably, include:</p> <ul style="list-style-type: none"> <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> <li>• Actively seeking to minimise the carbon impact of project delivery, to support the transition to a net zero emissions economy whenever practical.</li> <li>• 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.</li> <li>• Build resilience back into areas of work following the removal of the pest trees, (where practical) native trees will be replanted.</li> </ul>		<p>WDC Rooding</p> <ul style="list-style-type: none"> <li>• Firewood and mulch continue to be supplied local households.</li> <li>• Local Fire wood merchant located to take large trunks unwanted by adjacent landowners</li> <li>• Mulch delivered to local Area School (Whangaruru)</li> </ul> <p>KDC Parks</p> <ul style="list-style-type: none"> <li>• Arrangements in place with contractors have been focused on working collaboratively with community and other groups in order to reuse by-products where possible.</li> </ul> <p>Open communication channels between contractor, KDC, and other stakeholder groups have been utilised to seek opportunities for re-use of by-products and recycling where possible.</p>

## 5. Financials

Nine milestone payment totaling \$12,393,667.06 have been received from MBIE to date, noting revised invoice for February 2021 claim was issued by WDC to MBIE on Tuesday 2nd March 2020.

A final reconciliation of expenditure for the completed funding items following receipt of any remaining trailing contractor invoices and will be provided in the March monthly report.

Project Element	Received from PGF to date	Actual Project Expenditure to Date	Notes
1. Removal of self seeded roadside trees	\$ 300,000.00		
2. Roading sightline improvements and vegetation clearance	\$ 460,000.00	\$ 1,260,000.00	Works completed
3. Roadside litter collection and clean-up	\$ 500,000.00		
4. Removal of known Road side hazardous trees	\$ 1,668,709.37	\$ 1,804,059.23	Works completed
5. Removal of self-seeded roadside trees	\$ 806,542.86	\$ 1,019,765.39	Works completed
6. Roadside litter collection and clean-up	\$ 435,718.56	\$ 463,901.22	Works completed
7. Spot Spraying Noxious Weeds	\$ 231,765.19	\$ 292,260.64	Works completed
8. Sight Rail Improvements (3# districts)	\$ 185,412.15	\$ 147,548.84	Works completed
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	\$ 1,520,000.00	\$ 1,391,403.60	The works were planned for completion by the end of February 2021, however due to retrospective consent requirements, COVID alert level changes, weather and peak usage of park facilities, agreement was reached with MBIE to extend the completion of the works through to May 2021.
10. Whangarei District Council Parks - Vegetation clearance & clean ups	\$ 185,412.15	\$ 600,000.00	Works completed
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	\$ 370,824.31		
11. Far North District Council Parks - Vegetation clearance & clean ups	\$ 200,000.00	\$ 205,572.66	Works completed
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	\$ 200,000.00	\$ 200,000.00	Works completed
14. New Footpaths (3# districts) missing links in existing urban network	\$ 1,390,591.14	\$ 1,470,135.00	Primary construction works completed
15. Accelerated Unsealed network grading program	\$ 343,012.48	\$ 195,507.68	
16. WDC Flood Damage repairs	\$ 1,797,134.43	\$ 1,831,440.63	Parks component of expenditure was incorrectly overstated in December report - now corrected
17. FNDC Flood Damage repairs	\$ 1,623,003.53	\$ 524,017.77	Resource constraints are delaying completion of identified works
<b>Total</b>	<b>\$ 12,218,126.18</b>	<b>\$ 11,405,612.66</b>	

## 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)
1. Removal of self-seeded roadside trees	Funding Item now completed.
2. Roading sightline improvements and vegetation clearance	Funding Item now completed.
3. Roadside litter collection and clean-up	Funding Item now completed.
4. Removal of known Road side hazardous trees	Funding Item now completed.
5. Removal of self-seeded roadside trees	Funding Item now completed.
6. Roadside litter collection and clean-up	Funding Item now completed.
7. Spot Spraying Noxious Weeds	Funding Item now completed.
8. Sight Rail Improvements (3# districts)	Funding Item now completed.
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	<ul style="list-style-type: none"> <li>• Mangawhai Community Park - reinstatement, selected planting &amp; revegetation, groundwork preparation for shared pathway, removal of large wilding pines on Thelma Road South - completion is now programmed for May</li> <li>• Kaiwaka Parks &amp; Reserve Area, pest plant removal. – Works were planned to be completed in February however the contractor experienced a major machine breakdown and this work is programmed for completion in early March.</li> </ul>
10. Whangarei District Council Parks - Vegetation clearance & clean ups	Funding Item now completed.

Project Element	Outline of Planned Work (for next month)
11. Far North District Council Parks - Vegetation clearance & clean ups	Funding Item now completed.
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# districts) - missing links in existing urban network	Primary construction activities complete. Final defect rectification and site tidy up works for Signal Station Road (FNDC) and Ngunguru Road sites to be undertaken by contractors in early March
15. Accelerated Unsealed network grading program	Funding Item now completed.
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.

While the work for funding items not covered by the February completion date variation are reported as complete some minor defect resolution, site tidy up and close out activities will be completed in March.

## 7. 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 revised Contracted timeframes	High / Low	Risk predominantly mitigated with MBIE approval of Contract Variation to extend Completion timeframe to new Completion date of 28/02/2021.
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



## **8. Communications**

### **KDC Parks**

Communication regarding the works has been completed with the assistance of the Kaipara District Councils communications team. Facebook updates have been posted as the work has progressed particularly the Mangawhai Park works (prior to work commencing, as well as during the work). More updates will follow as the work continues.

Regular updates are provided on the Kaipara District Council website under latest news and specific media communications regarding the works at Mangawhai and Kai-iwi Lakes continue to be featured in the Kaipara Lifestyler and Mangawhai Focus.

## Additional information - Redeployment Activity photos

### Missing Link Footpath works

*KDC - Matakohe Shared Path*



*The Beginning Location of the shared path section*

*FNDC – Signal Station Road*



*Starting location*



*Beginning section*



*End section*

*WDC - Ngunguru Road*



*Shared Path Section (W=2.5m)*



*Final culvert installation and Shared Path section (W=2.5m)*

**WDC Storm Repair works**



*Schoemaker Rd - concrete lined channel*



*Helmsdale Rd - concrete lined channel*



*Waipu Caves Rd – concrete lined channel*



*Jobe Rd – concrete lined channel*

**WDC Hazardous Tree removal**






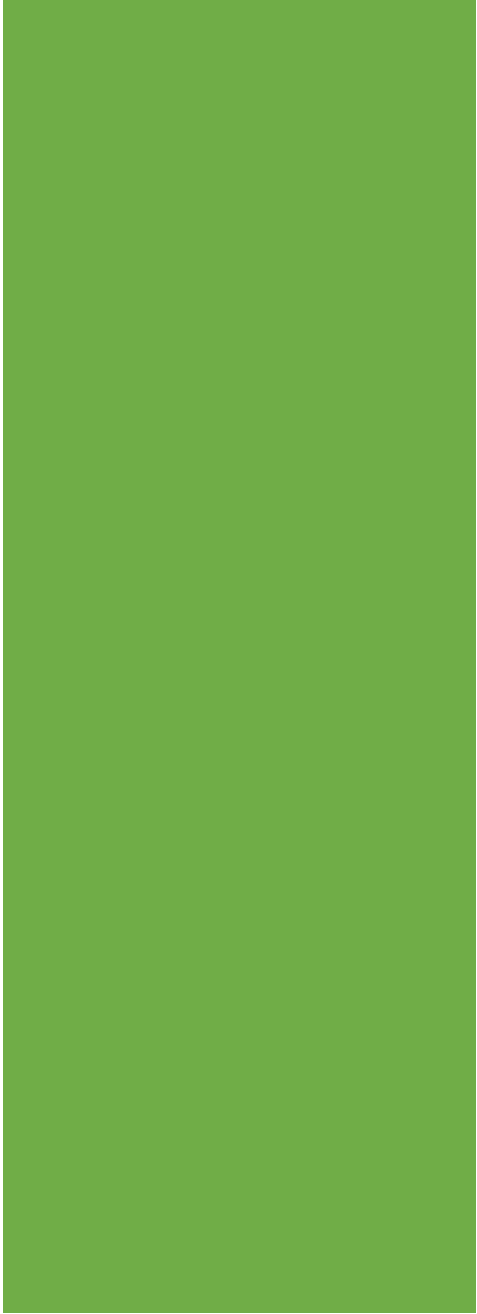
**FNDC Sight Rail Improvements**

Haruru Falls Road and Marlow Road:





**FNDC 20/21  
CAPTIAL AND  
RENEWAL  
PROGRAMME  
UPDATED**



FEBRUARY 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.	76%	Construction progressing	Construction progressing	3	
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.	23%	Horeke Footpath Renewal complete. Recommence remainder of programme Feb 2021.	Recommence construction	3	
125 - Footpath Maintenance	Footpath Renewal	SH12 Opononi	56%	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Iwitaua Road RP 14005	100%	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Paponga Rd RP8886 Slip Remediation	96%	Construction complete	n/a	3	
140 - Minor Events	Resilience	Waikare Road - various locations	0%	Work scheduled to start in Feb 2021	Start construction	3	
141 - Emergency Works	Resilience	Diggers Valley Rd	90%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	Fairburn Rd	91%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	West Coast Rd RP 9563	89%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	PLACEHOLDER	0%	n/a	n/a	2	Part of remaining budget will be redistributed to investigate global stability on West Coast Rd 9563. And any remainder will be surplus
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)	56%	95% completed in Feb - billing to come in March	program complete	3	
212 - Sealed Road Resurfacing	Sealing Chip seal	South Region (CS - 37.99km)	76%	program 75% complete	chipseal complete end of March, small AC job in Waitangi early April	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	115%	Rehab Completed, maintenance list forwarded to contractor	completion of snag list by contractor	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.

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	98%	Pavement construction completed in February with seal surface applied late February.	driveway sealing and minor widening to be completed. Snag list to be completed.	3	snag list and walkover to be completed Mid-March. Vandalism of road by burnouts.
214 - Sealed Road pavement rehabilitation	Rehabs	OKAIHAU ROAD	101%	Site sealed and line-marked in December.	Practical completion and snag list to be done by NTA by mid-March.	3	Follow up completion of driveway sealing and snag-list walk-over.
214 - Sealed Road pavement rehabilitation	Rehabs	PAWARENGA ROAD	67%	site 1/ pavement and pavement testing all done Site2/3 construction of pavement overlay 95% complete.	Site1. sealing to be completed early March, guardrails to be installed later in March Site 2/3. pavement stabilisation programmed to be completed early March (booked for 2nd) expect sealing end of March.	3	Site 1. site ready for surfacing. Site 2/3. Continuation of the Pavement works (reduced length) approval granted mid-January. RP 5045 - 5820. culvert crossings and widenings to be temporarily sealed prior to winter.
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	120%	complete	DLP period	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Purerua Road	109%	Physical works complete, practical completion and snag list complete	final walkover	3	final completion walkover deferred due to recently starting seal damage and seal loss on the site. LH lane LH wheel track.
214 - Sealed Road pavement rehabilitation	Rehabs	WAIMATENUI / MATARAU ROAD	9%	United Civil Construction Ltd was awarded Separable Portion. Contract Documentation currently being compiled. Expect start on site week of 8/3/2021.	Enabling and drainage works complete, pavement construction to be completed. Sealing late April.	3	planned timing for chip sealing late April. Could run into May. Very weather dependent for sealing in May. Monitor quality closely, need optimal conditions for late sealing.
214 - Sealed Road pavement rehabilitation	Rehabs	Contract management fixed cost.	67%			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	1%	Physical works progressing well with close to 50 sites of 105 were completed.	Continue with physical works, commencing on major work site.	3	



Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
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)	100%	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.	Detailed design & documentation forecasted to be deliver on April.	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D47	16%	Site investigation and options report.	Detailed design & documentation forecasted to be deliver on April.	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	#DIV/0!	Defects liability period	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Matai Bay Road Bridge C03	8%	Site investigation and options report.	Detailed design & documentation forecasted to be deliver on April.	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. Works scheduled to start once Contractor's team from WDC Scour has been made available.	3	
324 - Road Improvements	Lighting	District wide	97%	Complete	Complete	3	
341 - Low Cost Low Risk	Assoc Improvements	Northern & Southern Area: Associated improvements on 2020/21 pavement rehabilitation sites	71%	Works in Progress	Works in Progress	3	
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.	Detailed design & documentation	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
					forecasted to be deliver on April.		
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	90%	Sealing of the approaches and practical completion	Final inspection / practical completion	3	
341 - Low Cost Low Risk	Bridge	West Coast Road G01	38%	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	2	Programme to be supplied
341 - Low Cost Low Risk	Lighting	Various District Roads	1%	Contractor has advised start date will be in March.	Physical works starting on site	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	20%	Contract awarded for construction works package	Commence construction works package	3	
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	
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	
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	
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	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	9%	Contract awarded for construction works package	Commence construction works package	3	
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	11%	Construction started	Construction continues	3	
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 be deferred due to extensive geotechnical and structural bridge investigations and co-ordination/consultation to work on a state highway during design stage.

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	20%	Detailed Design	Detailed Design	2	Cost likely to exceed budget and construction may be deferred due to scope change (design around Underslip) and Waka Kotahi formal approval required 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	Construction is planned to start in mid-April	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 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	Construction is planned to start in mid-April	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95	0%	Contract awarded for construction works package	Construction is planned to start in April	3	
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: Taumatawi St Opononi	7%	Construction started	Construction is expected to be complete	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	Pedestrian Improvements	Hobson Ave Ped Crossing	3%			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	41%	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	91%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	West Coast Rd RP16005	102%	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	114%	Continued with pavement stabilisation works and sealed section A	2 Driveway culverts to be upgraded and driveways sealed. Continue discussion/ agreement	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
				and B. Continued discussion concerning additional scope for section C to increase embankment height (funded through NRC).	for additional scope for section C to increase embankment height (funded through NRC).		
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	11%	Peer review is underway; Finalising additional site investigation and strengthening the DD outputs	Start additional site investigation and DD	3	
341 - Low Cost Low Risk	Resilience	Beach Road RO400	11%	Peer review is underway; Finalising additional site investigation and strengthening the DD outputs	Start additional site investigation and DD	3	
341 - Low Cost Low Risk	Resilience	Powell Road RP209	9%	Peer review is underway; Finalising additional site investigation and strengthening the DD outputs. Start procurement process	Finalizing the tender documents and issue RFT	2	Construction may continue into 2021/22
341 - Low Cost Low Risk	Resilience	Powell Road RP92-169	6%	Finalising preliminary site investigation and method to restate the damaged pavement	Start design and engage the delegated maintenance contractor to repair the road section	3	
341 - Low Cost Low Risk	Safety	Keith Kent 20/21 & 21/22 projects. Roadside Barriers (Guardrails) and Associated Improvements	4%	Ventia has established on site	On-going construction at various sites	3	
341 - Low Cost Low Risk	Safety	Keith Kent 20/21 & 21/22 projects. Audible Tactile Profile/Structural Road Markings (HRRR WC341)	1%	Awaiting CEO approval to award contract	FNDC approval to award contract. Award contract.	3	
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	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
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	
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 SH1, SH10 and the Mungamuka's	8%	Signages manufacturing and construction/ installation are underway	complete all sign installation and start road marking work	3	Construction delayed about 2 month due to contractor resource problems. All sign installation reforecast to complete by middle March. Appr \$50,000 saving could be achieved, to be confirmed by end of March.
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	71%	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	
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017	49%	Enabling works including drainage works have been largely completed - some minor works currently being completed. Pavement overlay commenced with over 30% of site completed at end of February.	Completion of pavement overlay early March, Stabilise and prepare for seal mid-March. Sealing completed by end of March.	3	Suitable weather to complete site poses the greatest risk to this site at present.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	40%	Enabling works (drainage/clearance) largely completed. Sub-base overlay largely completed in February.	Sub-base compliance testing to be completed early March, followed by pavement overlay construction and stabilisation mid-March. Sealing programmed for completion late March.	3	Suitable weather to complete site poses the greatest risk to this site at present.
341 - Low Cost Low Risk	Sealing Chip seal	Parapara Rd 0-250	0%			3	
341 - Low Cost Low Risk		Keith Kent 20/21 & 21/22 projects. Ped & Cycle Traffic Calming Improvements	28%			3	Project added to programme November 2020 for delivery through safety team. Updates pending.

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
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	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	0%	Contract awarded for construction works package	Construction is planned to start in April	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 overruns on approved new footpath projects in Kaikohe-Hokianga ward if this eventuates.
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	51%			3	
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	118%	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	
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	124%	All key work items completed	Complete minor finishing works	3	
Resilience - Unsubsidised	Resilience	Panguru Road	0%	NRC has signed the agreement for Stage C	Seeking FNDC to sign the agreement and start construction if approved	2	
Seal Extension - Unsubsidised	Seal Extension	Balance of carry-over amount from 19/20	0%			2	
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380	79%	Site complete	Practical completion and snag walk-over programmed for 9/3/2021.	3	Reforming of driveways require access/construction within the property boundaries to achieve acceptable access gradients - as agreed with landowners.
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road	7%	Drainage (Culvert & RIP RAP) works in section two CH1000 - 2000 continued in February, with Pavement works; Shape correction and overlay largely completed in section one CH0 - 1000	Completion of drainage components in section two to be completed in March. Continuation of pavement overlay, stabilisation and sealing of section one to be completed by end of March. Continuation of pavement overlay, stabilisation and sealing of section two or three to be completed by end of March. Final section forecast for completion in April.	3	This site remains at risk of timely completion due to the following issues, although mitigation measures are in place to reduce this risk. DRAINAGE: NTA/Ventia have investigated drainage discharge arrangements and solution being treated as URGENT. Note: Site has been split into three sections, with pavement/surfacing works to continue on other sections whilst drainage is finalised. STOCK UNDERPASS: Site meetings have been held with the landowner to provide support/guidance and assist with information to expedite. The construction of this has been delayed, construction of

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
							this section of pavement has continued.
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)	68%	program 80% complete	chipseal complete, small AC job in Waitangi early April	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	

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



## EXECUTIVE SUMMARY

February 2021 started off like last February, hot, dry and dusty. We were instructed by Civil Defence to halt horizontal mowing and corrugations started popping up all over the place. Then along came 14<sup>th</sup> February and 120mm for good measure. Roads with flat crossfalls for summer struck issues. The silver linings of the rain were the corrugations started to decrease, dust reduced due to increased ground moistures and we were given permission to recommence horizontal mowing. With the second half of February having little spurts of rain every now and then it has been helpful for the road conditions for the public.

The routine crews have been busy as always with the sealed and unsealed patrol teams on top of things along with the routine culvert clearing crew. Grading has caught up from the Christmas back log of increased holiday traffic.

Speed Limit signs have been installed throughout the middle area of the network and look great. This project is 90% complete with 2 days of signage left to install and some linemarking to spray which is in progress for approval.

The last of this year's pavement renewal rehabilitations was sealed on 5th February on Horeke Rd, on the same day as the last of the Dust seals outside Schools/Maraes at Motukiore Rd. The team has done a great job to tick these two areas off the programme. In the pavement world the rest of February was spent laying tonnes (pardon the pun) of aggregate on Koropewa Rd seal extension and Pungaere Rd TIF seal extension. We are aiming to seal both these jobs in March leaving Ruapekapeka Rd PGF seal extension and the first portion of Ngapipito Rd PGF seal extension for April.

Reseals continued throughout February with another 12km completed. The remaining sites will be completed in the last week of March. 6 days of resealing left. Along with two shifts for the asphalt surfacing crew in Waitangi, this rounds out this programme in early April.

The footpath team continued in Moerewa with the area all done last week. State Highway 1 and Pembroke Rd were finished, and the team have established in Omapere for most of March.

The network linemarking remark started up in February like usual and will be completed by the end of this month.

A new additional to the works programme was the Flood Restoration works. This started on 4 sites, one on Waimate North Rd and three along Waikare Rd. These areas had been significantly damaged in the July 2020 storm. With a lot of design and engineering completed its great to see these take place. All due to be completed in March.

Moerewa Flood remediation was carried out Otiria Rd and Ngapipito Rd.



## WORK PROGRAMME

A total of 1492 individual work items were completed throughout the month of February which 1081 were routine find and fix issues, 263 were cyclic or part of annual rounds, 99 were programmed works, 32 were renewals/capital projects, and 17 were callouts or emergency response works.

March 2021 forward works programme has been submitted in RAMM.

## ROUTINE WORKS COMPLETED

Routine maintenance activities completed in February:

- 184 sealed potholes repaired
- 942 unsealed potholes repaired
- 160 km of unsealed roads graded equating to 20% of the total unsealed network.

## DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in February:

- 157 Culvert ends cleared
- 249m of heavy water tabling
- No culverts were installed this month under the maintenance portion of the contract.
- On Pungaere Rd and Koropewa Rd seal extensions (which are under the same contract) we installed over 120m of culverts.



*Harrison Rd – Routine Culvert Clearing*



*Large Headwall – Koranae Rd*

## ROUTINE INSPECTION REPORT

**Sealed** - There are currently 0 sealed inspections running overdue.

**Unsealed** - There are currently 10 un-sealed inspections running overdue.

**Drainage** - There are currently 59 drainage inspections running overdue.

## ORDERED WORKS

- 1243m<sup>2</sup> of footpath replacement/renewal were completed in February. SH1 and Pembroke Rd in Moerewa were completed in February.
- 442m<sup>3</sup> of maintenance metal was applied to the unsealed network.



*School Rd, Paihia - Washed out shoulder repairs*



*Snowdon Ave – Footpath reinstated*

### Dust Seals

As mentioned in the summary, Motukiore Rd was sealed in early February. This completes the dust sealing programme for the season.

### Slip Repairs (Flood Restoration)

The Waimate North Rd slip repair required the removal of 1m of pavement and 70 x 5m deep holes drilled through to the firm substrate layer. Each hole was then filled with approximately 2.5m<sup>3</sup> of concrete. The specialists Geotech contractors are also working on Waikare Rd slips at the same time.



*Waimate North Rd – Slip Restoration Works*

## ROAD FURNITURE ACTIVITY

- 250 new signs installed or replaced (damaged or missing)
- 6 signposts replaced
- 8 signs re-erected or straightened

With all signs manufacturers struggling with the supply of aluminium street name blade material due to COVID boarder issues in February it was good timing to allow us to smash out as much of the speed limit tranche 1 works. 90% complete with finishing touches left for the first week of March.



*Lodore Rd – Threshold Signs*

## STRUCTURES

- 132m Rail barrier renewal

Landing Rd Bridge Repairs - On Sunday 28<sup>th</sup> February our specialist bridge repairs crew stripped the running boards and repair underneath. This required a large amount of planning with VMS Boards placed nice and early and the FNDC comms team advised and they place a good description of the works on the FNDC

Facebook page. We made sure it was done at a time that work best for people travelling to the markets and also well outside School hours given it was a Sunday 😊 Sealing of the wood to follow shortly once the timbers dry a little bit.

 **Far North District Council** 5 d · 🌐

Waipapa Landing Bridge to close for urgent repairs

Waipapa Landing bridge near Kerikeri will be... See more



👍 18 20 comments 30 shares

👍 Like 💬 Comment ➦ Share



*Landing Rd Bridge – Deck replacement with chipsealing booked for early March*

## RESEALS

In February our sealing contractors completed another large portion of the reseals. There is now 20% of the

reseals remaining for March and two asphalt sites in Waitangi. We have already sealed 10km more than a normal reseal season in the FNDC South contract.



*Hupara Rd – Resealing and linemarking*



## PAVEMENT REHABILITATIONS

**Horeke Rd – RP11570 - 12580**  
Completed in early February

## Seal Extensions

### Koropewa Rd – RP15 – 1833

Physical Works – Subbase and basecourse commenced in February with all drainage works now complete apart from culvert headwalls in some locations.

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 – Drainage works to be completed in the next week or so with sharp correction and basecourse layers being hauled in at sometimes running 10 truck and trailers at a time!

Target Completion – 30/3/21



*Pungaere Rd – Running in basecourse*

### Ngapipito Rd – RP3500 - 8435

Test Results – Received

Survey – 100% complete

Design – 90% complete. Working through final pavement consultation.

Physical Works – Commence in late February

Target Completion – 15/10/21 – Pushed back due to late start on site.

### Ruapekapeka Rd – RP4500 – 5800

Widening works 90% completed with subbase laying to commence in March. Still targeting pavement works in late March with a seal in Mid-April



*Ruapekapeka Rd – Wide enough for a State Highway Detour now!*

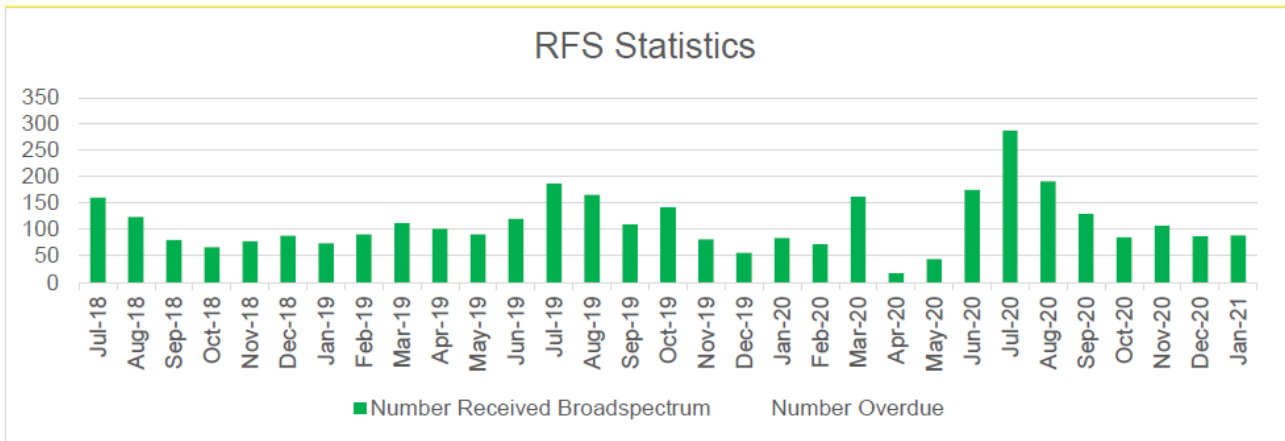


## ROAD ACCIDENT REPORT

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.



## COMPLIMENTS

We received the following compliments in February:

### RE: Footpath vegetation removal along Access Rd, Kerikeri

*Good evening Jamie,*

*I just wanted to flick a quick email through saying thank you very much for all the work that's been done trimming the hedges etc down access road and the surrounding area.*

*My husband and I walk and run to and from town on a regular basis and we really appreciate the work that's been done to clear the footpaths.*

*The team always give a friendly wave too which is lovely.*

*Please pass on our gratitude to the right people.*

*Kind Regards,*

*Jade*

## RAMM ISSUES

No RAMM issues in February.

## HEALTH AND SAFETY

No lost time injuries in February. A summary of near misses and incident reports is below:



#### Incident Reports

ID	Event	Date of Event	Description	Status
BRS-INC188385	Equipment - Low - 4 - Puketona	3-Feb-21	Lifting manhole lids in to place with excavator, broke wishbone arm on dipper arm as lifting chain was attached in the incorrect manor.	Open

#### Hazard ID's

ID	Hazard ID	Date of Hazard ID	Description	Status
BRS-HAZ39248	Hazard ID - Puketona	11-Feb-21	Container full of unknown product	Closed
BRS-HAZ39249	Hazard ID - Puketona	11-Feb-21	No segregation of people vs moving vehicles when exiting the cribroom	Closed
BRS-HAZ39250	Hazard ID - Puketona	11-Feb-21	Identified cribroom is not displaying an exit sign above the door	Closed
BRS-HAZ39450	Hazard ID - Puketona	22-Feb-21	identified there was no hand cleaning or dishwashing liquid available	Closed
BRS-HAZ39469	Hazard ID - Puketona	3-Feb-21	Operator was observed operating a 5ton excavator on a pile of waste timber to load out for removal, The excavator did not have the appropriate FLOPS protection for this task so Job was stopped. also noted plant check had not been completed for the excavator.	Open
BRS-HAZ39470	Hazard ID - Puketona	4-Feb-21	Ute tyre punctured on the way to work, other Ventia staff were following the Ute and stopped to assist.	Closed
BRS-HAZ39526	Hazard ID - Puketona	16-Feb-21	JSB truck operators at toolbox meeting observed with work boots that could not be zipped up or were not lace up boots - Non-compliant	Open
BRS-HAZ39527	Hazard ID - Puketona	11-Feb-21	Truck & Trailer Unit trailing aggregate on unsealed road network. Whilst driving up hill on Waikino road the truck has lost traction on a slippery section of the unsealed road, slid a little side-ways and come to a stop. Operator has called for assistance to move the truck rather than making the situation worse.	Closed
BRS-HAZ39528	Hazard ID - Puketona	18-Feb-21	Allied Workforce STMS getting sore feet from the boots she had been issued, chose to swap them for her gumboots instead, which gave some relief	Open
BRS-HAZ39549	Hazard ID - Puketona	23-Feb-21	Nail heads protruding from planks of picnic table surface, noticed by Client when he placed his arm on the table	Closed
BRS-HAZ39551	Hazard ID - Puketona	10-Feb-21	Concrete crew pouring concrete under a full Traffic management plan, there was a small section of footpath left to be poured and they allowed the concrete delivery truck to park outside the coned off work area.	Closed

## ENVIRONMENT

In February 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	51% completed
Rural Vegetation Spraying	67% completed

## COMMUNITY ENGAGEMENT

On the 13<sup>th</sup> February, Shannon set out the traffic control and cones for the Kerikeri Domain hot rod show as we do every year.



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





Far North District Council  
Pawarenga Road  
Pavement Rehab 20/21



Report No.12 for week ending 5<sup>th</sup> February 2021

Completed this week

Day	Task	Comment
Monday	Public holiday	
Tuesday	Pavement overlay P/west	
Wednesday	Finish pavement overlay P/West,	
Thursday	Pavement overlay P/west	
Friday	Pavement overlay P/east, move onto P/east	Completed pavement overlay P/west. Starting pavement overlay P/east (before the bridge)

General Comments

Completed running in metal to level on P/west. Levels were brought to height with a 10mm tolerance. Finished ahead of schedule so moved on to P/east and started running metal bringing it up to height. Ready to stabilise and shape P/west the following week.

Health and Safety / OFI's

Type	Detail	Follow up
Hazards	Nil	

### Completed this week

Day	Task	Comment
Monday	Public holiday	
Tuesday	Stabilising	
Wednesday	Stabilising	
Thursday	Shaping	
Friday	Shaping	

### Programmed for next week

Day	Task	Comment
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		

### General Comments

Stabilising began Tuesday, on Wednesday there moderate rainfall, however it was not heavy enough to effect the stabilisation on the section.

### Health and Safety / OFI's

Type	Detail	Follow up
------	--------	-----------

<i>Hazards</i>	Nil	

### Photos



Figure 1: LHS stabilisation in progress



Figure 2: Nuke testing on stabilised section



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Figure 3: Stabilised section



## 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	Northland Anniversary	
Tuesday	Stormwater drainage	As planned.
Wednesday	Tidy tip site.	Subsoil drainage installed in stormwater drain.
Thursday		Subsoil drainage installed in stormwater drain.
Friday		Excavator shifted to Peria Rd.

## Programmed for next week

Day	Task	Comment
Monday	Waitangi Day Holiday	

<i>Tuesday</i>		
<i>Wednesday</i>		
<i>Thursday</i>	Drill pins into site.	
<i>Friday</i>	Drill pins into site and tape levels.	

---

### General Comments

The stormwater drain, out through private property at CH1660, was completed this week. Subsoil drainage was installed in the drain to reduce the depth of the drain required.

The centreline coordinates were completed on Friday, allowing the site to be pinned next week. The draft design will be completed next week, to allow the tapes to be pinned by the end of the week.

The 200mm overlay will commence in the week starting 15<sup>th</sup> February.

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.

Photos



Figure 1: Drainage through private property in progress

## Peria Rd Seal Extension

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.

Day	Programmed 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	As planned.
Wednesday	Overlay Section Three Rock wall construction Section Three Clearing Section Four Clearing Section Five Tree Removal Section Five	As planned.
Thursday	Overlay Section Three Rock wall construction Section Four Clearing Section Four Clearing Section Five Tree Removal Section Five	As planned.
Friday	Overlay Section Three	As planned.

<i>Day</i>	<b>Task</b>	<b>Comment</b>
	Rock wall construction Section Four Clearing Section Four Clearing Section Five Tree Removal Section Five	
<i>Monday</i>	Waitangi Day Holiday	
<i>Tuesday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four Tree Removal Section Five	
<i>Wednesday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four Drainage Section Four Tree Removal Section Five	
<i>Thursday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four Drainage Section Four	
<i>Friday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four Drainage Section Four	

### **General Comments**

The overlay in Section Three commenced this week. Rock wall construction finished in Section Three and started in Section Four. Clearing continued in Section Four, and started in Section Five.

Next week, the overlay will continue in Section Three, along with rock wall construction, clearing and drainage in Section Four. Pine tree removal in Section Four is programmed to be completed by mid week.



Figure 2: Clearing in progress Section Five



Figure 3: Rock wall construction in Section Three



Figure 4: Rock wall construction in Section Four





Figure 5: Overlay in progress Section Three



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	Complete.	12/12/2020	Issued 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	Complete		09/02/2020
Section Four	Complete		09/02/2020
Section Five	Awaiting drawings.		Due 26/02/2021

### Completed this week

Day	Programmed Task	Comment
<i>Monday</i>	Waitangi Day Holiday	
<i>Tuesday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four Tree Removal Section Five	As planned.
<i>Wednesday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four	Overlay as planned. Excavators rained off, as unable to access tip site.

	Drainage Section Four Tree Removal Section Five	
<i>Thursday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four Drainage Section Four	As planned.
<i>Friday</i>	Overlay Section Three Rock wall construction Section Four Clearing Section Four Drainage Section Four	As planned.

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**Programmed for next week**

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<i>Day</i>	<b>Task</b>	<b>Comment</b>
<i>Monday</i>	Overlay Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	
<i>Tuesday</i>	Overlay Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	
<i>Wednesday</i>	Overlay Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	
<i>Thursday</i>	Overlay Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	
<i>Friday</i>	Construct Driveways Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	

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## General Comments

The overlay has continued this week in Section Three, along with Rock wall construction, tree felling, clearing and drainage in Section Four.

Next week's program includes the completion of the overlay in Section Three, ready for stabilisation on 22-23<sup>rd</sup> of February. Clearing and drainage will continue in Section Four, ready for the pavement works to commence in early March.

The safety audit for Sections Three and Four was also completed this week.

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

Type	Detail	Follow up

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## Photos



Figure 6: Clearing in Section Four



Figure 7: Tree removal in Section Four



Figure 3: Rock wall Construction in Section Four



## 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	Complete.	12/12/2020	Issued 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	Complete		09/02/2020
Section Four	Complete		09/02/2020
Section Five	In progress.		Due 26/02/2021

## Completed this week

Day	Programmed Task	Comment
Monday	Overlay Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	Overlay as planned. Excavators rained off – unable to access tip site.
Tuesday	Overlay Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	Overlay as planned. Rock wall construction as planned. Clearing and drainage rained off – unable to access tip site.
Wednesday	Overlay Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	As planned.
Thursday	Overlay Section Three Rock wall construction Section Three	As planned.

	Clearing Section Four Drainage Section Four	
<i>Friday</i>	Construct Driveways Section Three Rock wall construction Section Three Clearing Section Four Drainage Section Four	As planned.
<i>Saturday</i>	Rock wall construction Section Three	

### Programmed for next week

<i>Day</i>	<b>Task</b>	<b>Comment</b>
<i>Monday</i>	Top up pavement adjacent to rock wall construction Drainage Section Four	
<i>Tuesday</i>	Stabilise Section Three Rock wall construction Section Four Drainage Section Four	
<i>Wednesday</i>	Stabilise Section Three Rock wall construction Section Four Drainage Section Four	
<i>Thursday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four	
<i>Friday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four	

### General Comments

The overlay was completed this week in Section Three, along with Rock wall construction in Section Three, drainage continued in Section Four, along with clearing in Sections Four and Five.

Next week's program includes the stabilisation of Section Three, programmed for 22-23<sup>rd</sup> of February. Drainage will continue in Section Four next week, ready for the pavement works to commence in early March.

The safety audit for Sections Five is also programmed for next week.

[Photos](#)



Figure 8: Rock wall construction in Section Three



Figure 9: Rock wall construction in Section Three



Figure 10: Overlay in progress in Section Three



Figure 11: Overlay in progress in Section Three

### 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	Complete.	12/12/2020	Issued 16/12/2020.
Section Four	Complete.	15/01/2020	Issued 22/01/2020.
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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	Complete		09/02/2020
Section Four	Complete		09/02/2020
Section Five	In progress.		Due 26/02/2021

### Completed this week

Day	Programmed Task	Comment
Monday	Top up pavement adjacent to rock wall construction Drainage Section Four	As planned.
Tuesday	Stabilise Section Three Rock wall construction Section Four Drainage Section Four	As planned.
Wednesday	Stabilise Section Three Rock wall construction Section Four Drainage Section Four	As planned.

<i>Thursday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four	As planned.
<i>Friday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four	As planned.
<i>Saturday</i>	Clear forestry waste to allow fence to be reinstated.	Additional works.

### Programmed for next week

<i>Day</i>	<b>Task</b>	<b>Comment</b>
<i>Monday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four Clearing Section Five	
<i>Tuesday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four Clearing Section Five	
<i>Wednesday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four Clearing Section Five	
<i>Thursday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four Clearing Section Five	
<i>Friday</i>	Prep Section Three for seal Rock wall construction Section Four Drainage Section Four Clearing Section Five	

### General Comments

Section 3 was successfully stabilised this week, and rock wall construction and drainage continued in Section 4. The safety audit was also completed on site this week.

Section 3 will be prepped for seal next week, with sealing booked for the following Monday 08/03. Rockwall construction and drainage will continue in Section 4 and clearing will recommence in Section 5.



Photos



Figure 12: Section Three Stabilising in progress



Figure 13: Section Three Stabilising in progress



Figure 3: Section Three Stabilising in progress



Figure 4: Section Three stabilising in progress



Figure 5: Section Three stabilising in progress



Figure 6: Section Three stabilising in progress



**Figure 7: Section 4 culvert replacements in progress**



Figure 8: Section 4 Rock wall construction in progress



## HEALTH & SAFETY

No injuries this month.

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	0	2	169
Medical Treatment Case (MTC)	0	0	976
First Aid Injury (FAI)	0	0	97

## 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

RFS4049322

*Awaroa Rd Thanks for picking up rubbish*

## MARCH PROGRAMME

The maintenance activities programmed for March 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) Stabilising and sealing
- Watertabling, clearing, tree work, culvert replacement, ongoing on Peria Rd seal extension, seal fourth 1.3 km.
- Church Rd Seal Extension stabilize and seal.



**WAKA KOTAHI NZ  
TRANSPORT  
AGENCY -  
NORTHLAND  
ACTIVITY UPDATE**



Activity	2018-21 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	\$75.40M	5%	Amber	Waka Kotahi has commenced this year's programme and completed the works deferred due to COVID19. Our finalised programme is 110 lane km's and to date we have completed 84 km. Rehab and SCRIM sites completed.
Low Cost / Low Risk	\$5.3M	40%	Amber	<p><b>Whangarei District Council</b></p> <p>Resilience: SH1 Otanga Flats addressing long-term subsidence, repairs to the pavement up to the abutment of the bridge including rebuilding the shoulder – plan to close SH1 for a weekend with a detour in place.</p> <p><b>Far North District Council Projects</b></p> <p>Resilience projects: SH1 Otiria Flood Mitigation physical works underway; SH10 Bushpoint works completed.</p> <p>Safety projects: Moerewa Pedestrian Safety raised platform pedestrian crossing design completed ready for community meeting planned for Thursday 11th March construction will follow. Kaeo Pedestrian Safety installation completed.</p> <p>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.</p> <p>SH12 Omapere to Opononi 3km – Building a shared user path in collaboration with NTA work. Reviewing scope and work methodology.</p> <p>SH1 Kawakawa Ped Crossing – A pre-lim design has been completed for a raised platform working with FNDC Innovative Streets Project team.</p> <p>SH1/North Road (Kaitaia) intersection pavement works have been completed. Works continue for footpath realignment and kerb replacement.</p> <p><b>Kaipara District Council Projects</b></p> <p>Resilience: SH12 Oparakau Slip – Building 2 small retaining walls on this section of state highway that has under a temporary speed limit for the last year. Tenders closed and construction to start as soon as possible.</p> <p>SH12 Signs &amp; Delineation West of Maungaturoto completed.</p> <p><b>Other</b></p> <p>Four projects are to be delivered this financial year with signage targeting safety on SH15, SH11, SH10 and SH1 Cape Reinga. Physical work has been completed on some projects.</p> <p>Mangamuka Gorge: Work is progressing, but the Gorge remains closed (due to slips from the July 2020 storm). All the downhill piles are now completed at the main Slip 8. The piling for Slip 7 will be completed this week. Light vehicle convoys will be allowed through the Gorge at Easter and for some weekends after Easter.</p> <p><a href="#">SH1 Mangamuka Gorge   NZ Transport Agency</a></p>
SH1: Dome Valley Safety Improvements	\$31.7M	Late-2021	Green	<p>Approximately 2.2km of flexible median safety barrier will be installed south of Hoteo Bridge in mid-March 2021. Work continues in stages 3 and 5, either side of the Dome peak. This work is planned to be completed late 2021.</p> <p><a href="#">SH1 Dome Valley   NZ Transport Agency</a></p>
Northland speed review		2021	Green	<p>We have begun engagement with some of the local iwi, hapu and key stakeholders on our next round of speed reviews in Northland. We will continue to engage over the coming months, including with local communities.</p> <p>SH10 Awanui to Kaingaroa - we are working through consultation feedback and the technical assessments of the corridor to help inform our final decision on the proposed speed limit.</p> <p><a href="#">Speed Review Locations   NZ Transport Agency</a></p>
SH1 Whangārei to Te Hana - Whangārei to Port Marsden Highway - NZ Upgrade Programme		Late – 2027/8	Green	<p>First two community information events were held in late-February, with targeted consultations programmed to roll out between April and October this year (on design elements such as intersections and walking/cycling provision). All collateral prepared to date is published on the Waka Kotahi website.</p> <p>Geotech investigations have yet to get underway, due to number of land access approvals outstanding</p>

Activity	2018-21 NLTP	Completion	Progress	Commentary
- Port Marsden Highway to Te Hana				<p>The preferred option will be confirmed by late-2021, through the development of the Single Stage Business Case (SSBC).</p> <p>Lodgement of Notice of Requirement and resource consents is currently programmed for early-2022, with construction programmed to commence in late-2023/24.</p> <p>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.</p> <p><a href="#">Whangarei to Te Hana   NZ Transport Agency</a></p> <p><a href="#">Whangarei to Port Marsden Highway</a></p>
SH1 Whangārei to Wellsford Standard Safety Intervention (Road to Zero)	\$4M	Underway	Green	<p>Pre-implementation underway for Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford). Some light construction (rumble strips etc) will commence from mid-2021, with main construction expected to commence mid-2022 (subject to funding and approvals).</p> <p><a href="#">SH1 Whangarei to Wellsford   NZ Transport Agency</a></p>
SH1 Warkworth to Wellsford		Route protection	Green	<p>Auckland Council's decision on resource consents and recommendation on the Notice of Requirement (NoR) is now expected in March. Dates for appeals on the resource consents and Waka Kotahi's decision on the NoR will be confirmed once Council's decision is released.</p> <p><a href="#">SH1 Warkworth to Wellsford</a></p>
SH1 Loop Road Safety improvements	\$48.76M	Early 2022	Amber	<p>Minor intersection improvements at the Otaika Valley Road (SH15)/Loop Road intersection have been completed. Asphaltting of the Portland Road intersection is programmed for early March. Work on the southbound lane north of the roundabout continues.</p> <p>Consent hearing for the dual-lane scheme (additional southbound lane and new bridge) is confirmed for 11 March.</p> <p><a href="#">SH1 Loop Road Safety Improvements   NZ Transport Agency</a></p>
SH10 Kaeo bridge	\$21.95M	Late 2022	Amber	<p>Confirmation of additional funding is required before construction can commence.</p> <p>Resource consents have been approved by Far North District Council and Northland Regional Council. 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.</p> <p><a href="#">Kaeo Bridge   NZ Transport Agency</a></p>
SH10 Waipapa corridor improvements	\$24.5M	Early 2021	Green	<p>Most works (roundabout, SH10, Waipapa Road and Skippers Lane) for this project are complete. A final layer of asphalt will be laid in March after some weather delays. We are working with local hapū on cultural design elements. Construction of a bridge over the Whiriwhiritoa Stream begins this month. Work is progressing on the new carpark at the end of Waipapa Loop Road. Completion date for this project is scheduled for May/June 2021.</p> <p><a href="#">SH10 Waipapa Corridor Improvements   NZ Transport Agency</a></p>
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	\$6M	Mid 2021	Green	<p>Traffic flowing through operating roundabout. Construction of retaining wall making good progress, with manufacture of carved panels underway. Other cultural design elements (pou, kōhatu) have been discussed and planned with local iwi.</p>
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	\$15M	Mid 2021	Green	<p>Roundabout now operating. Majority of asphaltting has been completed. We are working with local hapū on cultural design elements. Construction scheduled for completion by April 2021.</p>
SH12 Rawene Road intersection improvements (NZ Upgrade Programme)	\$0.5M	Late 2020	Amber	<p>Construction of safety improvement awaiting funding confirmation.</p>

# 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 February Far North Waters experienced no LTIs or MTIs, and we are currently operating with 1,250 days LTI free.
- We attended 328 requests for service (RFS) call outs in February, down from 422 in January. Planned Maintenance (PM) for February was 57% out of a total of 112 jobs.
- Kerikeri Wastewater Treatment Plant: Commissioning and testing is in progress, must be completed mid of March with Handover to Far North Waters.
- Low Pressure Systems (LPS) in Kerikeri: Projects managed by United Civil, must be completed soon, therefore handover with Far North Waters must start soon for more than 300 properties.



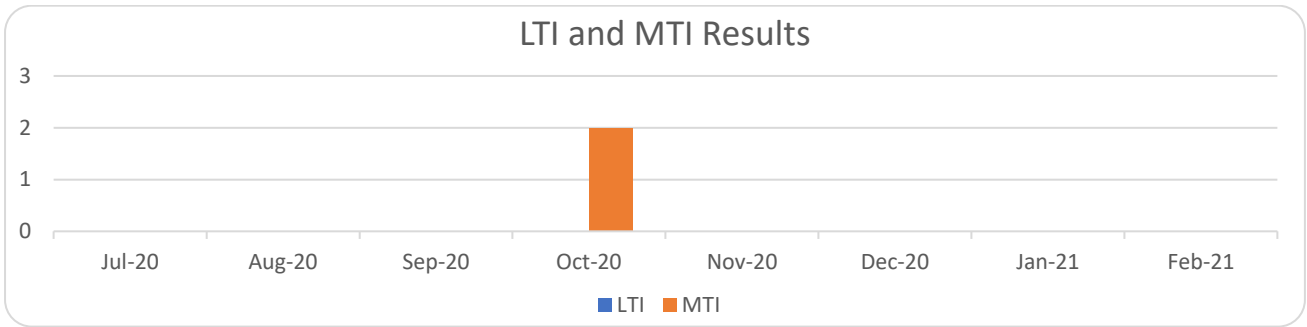
## CHALLENGES

- One Spill incident occurred on the 24 February, on the main Wastewater line to the Rawene WWTP: Sewer pipe was blocked with wet wipes and rags. The warning alarm did not work properly; it has been fixed and the line flushed with a big water blaster truck from Whangarei.
- Another Spill incident occurred on the 28 February, near 23 Paradise Road, Coopers Beach: After hours response to RFS notification of sewer overflowing from gulley trap at private residence. On attendance issue was determined to be blockage in gravity mains downstream from property.
- With the commissioning of the new bore at Okaihau WTP now complete, it has become apparent that there are some issues with the quality of groundwater being extracted from the new bore. While within the requirements of the DWS, there are some issues with the aesthetic parameters, specifically manganese concentrations, which are close to MAV (maximum allowable value) levels. Fortunately, manganese is relatively easy to remove so a proposal is to be developed for additional infrastructure to be installed at the WTP to allow manganese levels to be reduced in the source water entering the plant.
- It should be noted that, although commissioned, the new bore is not supplying water to the treatment plant until this issue has been resolved.
- **Awanui river:** Erosion on eastern bank of weir at the intake is becoming serious. Council, NRC and Ventia all aware of the issue and onsite meetings have been held.

## RISK

- Time has been spent in the latter part of February working with the Assets and Projects team to carry out an assessment of works to date on the proposal for the upgrade to the SCADA and telemetry system, to allow the current works to progress and to develop a way forward for subsequent years. It is acknowledged that this is a large investment by the Council.

## HEALTH AND SAFETY

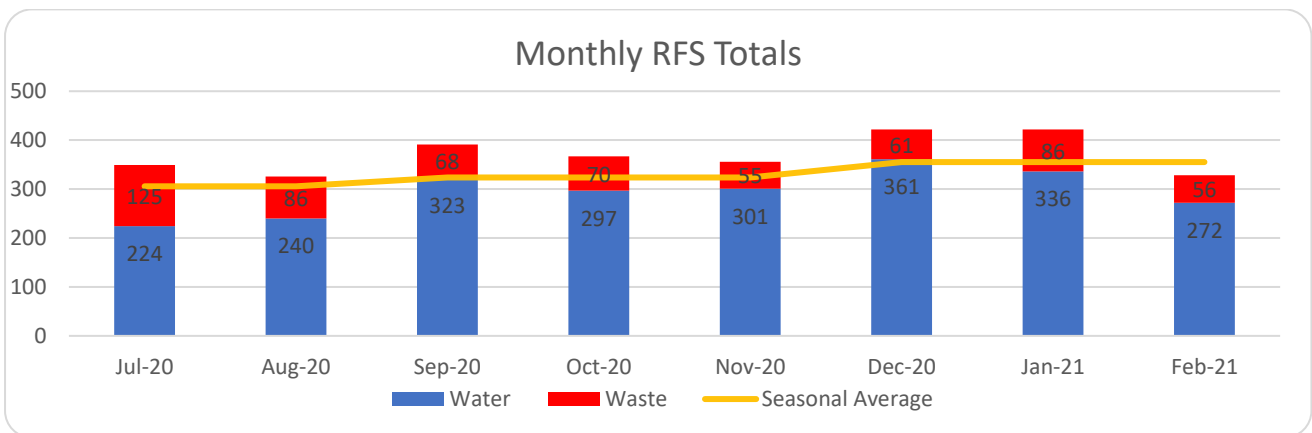


- Risks and Opportunities
  - Risk - Wellbeing of staff members physical health
  - Risk - Mobile plant and vehicles VOC's
- Key Activities: HSE Field staff meeting held on the 11th of February 2021 with all staff at the Kaikohe Ambulance station.

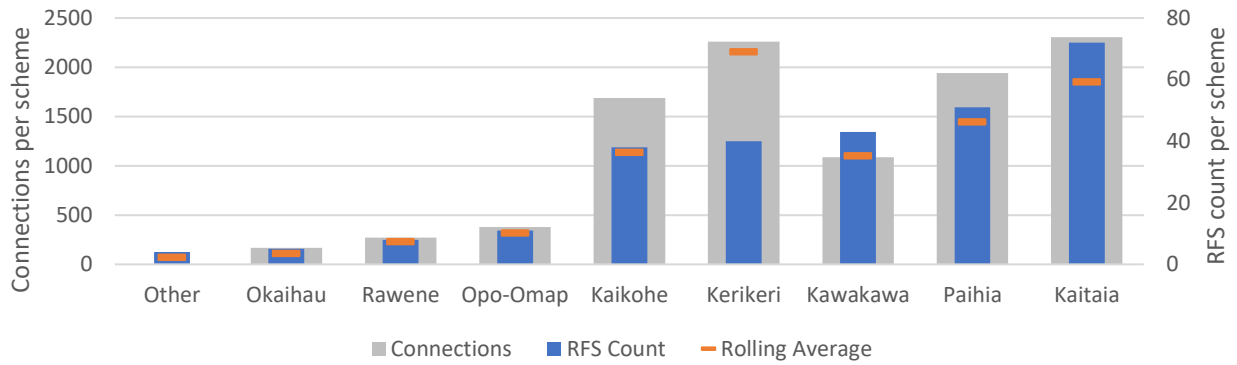
Incident ID	Incident Date	Incident Type	Severity	Description
BRS-INC188445	24/02/2021	First Aid Injury	Low 2	While descending an excavator the IP strained muscles in the lumbar region. IP visited the doctor and is now receiving Chiropractic treatment.
BRS-INC188485	26/02/2021	First Aid Injury	Low 4	IP lifted and moved a rock that was on top of water meter box. Read meter. Reinstated lid and when placing rock back on top felt pain in left shoulder. IP visiting a Physiotherapist.

## CUSTOMERS

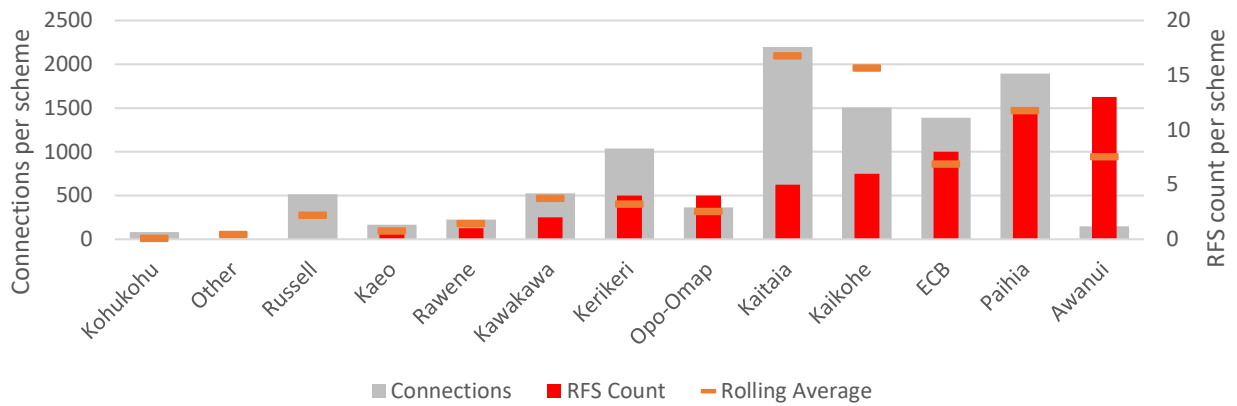
The request for service (RFS) total for February was 328, 94 less than the count for January 2021. The total for February 2020 was 542, and February 2019 was 401.



### Water RFS and connection count per scheme



### Wastewater RFS and connection count per scheme



Wild weather caused some fallen trees at the Paihia Wastewater Ponds during the beginning of the month.

### PROJECTS

- The current focus is to continue to complete the work in hand by the end of June 2021, including Storm Water.
- A program has been developed for the 2020-2021 schedule of work with a value of \$2,219,516.00. Other work will be required to meet targets. Work is now underway with Stormwater work, training and systems are being developed.
- Several new vehicles have been received this month.



**Current projects:**

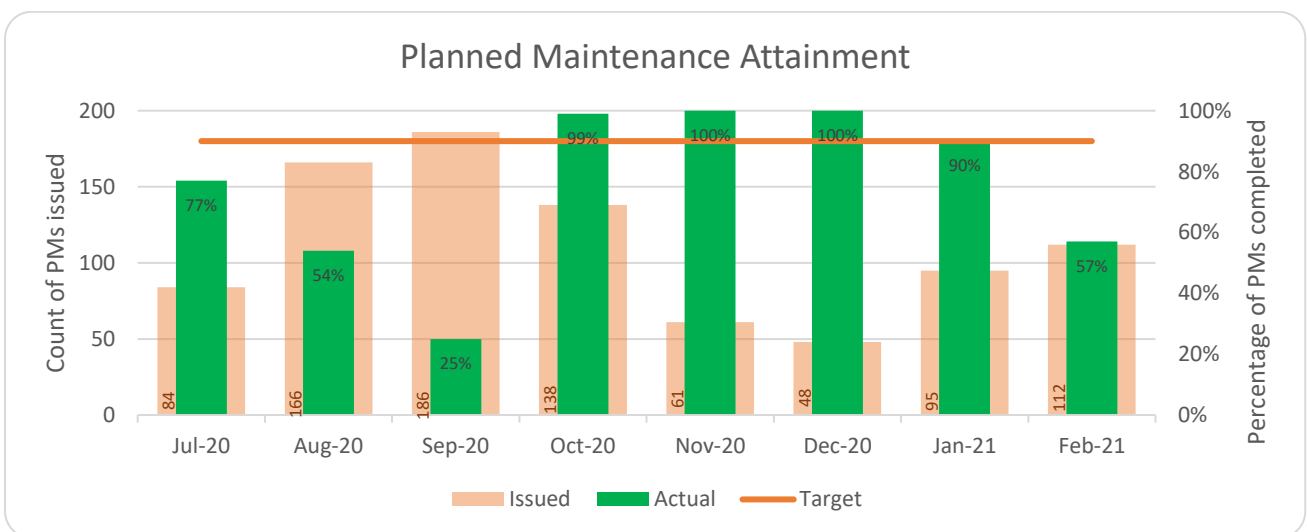
- **Kawakawa Water Treatment Plant** – The PLC is now installed however there is minor programming required to utilise the PCL’s full potential, this will be completed by the 8th of March. Once this has been completed it will be handed over to operations and the compliance audit will be booked.
- **Stormwater** – currently heavily involved setting up processes regarding this work type. We have completed cesspit testing in Moerewa and we are currently undertaking audits on flood gates in the region.
- **Okaihau Bore Commissioning** – The PLC installation is currently underway.
- **Fibre to Cumber Road** – Delay in getting Fibre installed at Cumber Road causes major inefficiencies, the proposed 4G solution is a major concern as Cumber Road does not have 4G coverage



*1Mill Road Odour Unit Install - Mangonui*

**ASSETS**

Planned Maintenance for the month of February was 57% for a total of 112 jobs.



- With the resignation of the Engineering Manager, Jim Neil, some of the asset management duties have been handed to the Risk and Portfolio Manager to manage until a permanent solution has been determined. Considerable time in February was spent coming up to speed with the requirements of the asset maintenance and management required to ensure that asset management needs are maintained.
- **Monument WTP:** The monitoring bore stands at 55.6m currently. The consent limit is 59m. The take has been reduced now that the flow in Wairoro stream is above RC. Work continues with the new bore, with Ventia asked to price some reticulation work for the contractor.
- **Taraire Hills WTP:** The stream pump was reduced from 14 to 12l/s in response to the low river flow. This can now be raised as the river flow has been restored. An independent flow specialist was brought in to confirm if our method and equipment was accurate. The result was affirmative. Discrepancies between our readings and NRC readings were largely due to whether the abstraction pump was running at the time of measurement
- **Rawene WTP/ Omanaia:** The report on the corrosion issues on the new raw water tank has been produced.
- **Paihia Water Treatment Plant:** The plant is running for 17 hrs per day to meet a demand of just over 2000m<sup>3</sup>/d. Issues with varying pH and high organics which were expected over summer were minimal.
- **Kawakawa WTP:** The plant needs a final audit of the chlorine installation to get site certification. A 920kg chlorine cylinder can then be re-instated. The leak that was detected close to the reservoir in February has now been repaired.



**PUKETONA  
JUNCTION  
INTERSECTION  
IMPROVEMENTS –  
CONSTRUCTION  
UPDATES**



## UPDATE – 2 FEBRUARY



As we head into the last few months of construction, you'll see things taking shape quite rapidly. These are the activities we will be completing:

**Asphalt:** There are two more layers of asphalt to be laid to finish the road surface. These will be done at night, most likely in mid to late February. We will communicate exact dates to you as soon as our asphalt crew confirms them.

**Retaining wall:** We are building a retaining wall at the mouth of the culvert running underneath SH11 (at the paddock between Top Energy and the reserve). This will take around four weeks to complete.

**Drainage:** We will complete the remaining drainage across the entire site, including large swales (drains) along the roadside. The new drainage will contribute to improved water distribution around the intersection.

**Road shoulder/grass verges:** These are being formed where the temporary road used to be, in front of the café, and along SH11 where we are also rebuilding some of the permanent road.



**Street lighting:** Installation of street lights will begin in February. There are 14 lights being installed along the project corridor.

**Traffic islands:** Traffic islands will be built at the three approaches to the roundabout.

**Traffic control:** With the new roundabout now operational, traffic control will be needed at times to allow us to work safely. Please be prepared to slow down or stop as required.

## UPDATE - 12 FEBRUARY

We will soon be completing the last stages of pavement construction, adding the final layers of asphalt to the road surface. There is one structural layer to apply, followed by the final technical layer.

We will be building the three traffic (splitter) islands on each approach to the roundabout. All of these activities are to be carried out at night, as they require significant traffic management. Attempting these during daytime traffic would create excessive queues.

Details are as follows:

Sunday 21 February – Thursday 25 February: Structural asphalt will be laid on all three approaches to the roundabout and traffic islands constructed.

Sunday 28 February – Thursday 4 March: Traffic island construction across all three approaches to the roundabout.

Sunday 7 March - TBC: The final layer of asphalt will be applied across the project area.

All night works will be carried out with manual traffic control and a 30km temporary speed limit, between 7pm – 6am. Delays should be expected.

Our work is weather dependent and dates may shift slightly due to bad weather. If this occurs, we will communicate new dates at the earliest opportunity.

## UPDATE - 23 FEBRUARY

Thank you in advance for your patience as we begin a stretch of night works. In two weeks' time we will have made huge progress towards the finished intersection.

We have a big section of works coming up on SH11 as we rebuild the old highway to match the standards of the new roading. The road surface will be loose metal for up to three weeks, with one-lane operation during the day with manual traffic control. At night, SH11 will be reinstated to two lanes. The road layout will be shifted regularly as we move traffic from one side to enable us to work on the other. There are several layers of metal to be imported, compacted and stabilised on both sides. We will then seal the entire section of new road and apply fresh line markings – this is planned for mid to late March. Please drive with extra care during these works and look out for other motorists. Please be patient as you travel through our work site.

Night works for asphalt continue this week, finishing on Thursday evening/Friday morning.

Next week, night works will run from Sunday 28 Feb through to Thursday evening to enable us to build traffic islands on each approach to the new roundabout.

There will be a run of night works in March to do the final layer of asphalt across the entire intersection.

On the western side of SH10, swales (drains) are being dug and the area prepared for reinstatement to grass verges after we finish pulling up the temporary road. Drainage work continues across the entire site.

Also on SH11, we have finished construction of the retaining wall (image below).





**KAWAKAWA  
INTERSECTION  
IMPROVEMENTS –  
CONSTRUCTION  
UPDATES**



## UPDATE – 12 FEBRUARY

Please see below information regarding upcoming night works at Kawakawa intersection.

Next week, from Tuesday 16 – Thursday 18 February (11pm - 8am each night) we will be:

- Placing concrete kerb blocks and channel
- Building the concrete cycleway
- Pouring red concrete centre of traffic islands
- Installing streetlights
- Adjusting the big new destination signs on SH1, to allow over dimension loads through with ease

The following week, on Thursday 25 & Monday 28 February (7pm – 6am each night):

The final technical layer of asphalt will be laid on the road surface. This is commonly referred to as the “icing”.

All night works will be carried out with manual traffic control and a 30km temporary speed limit. Delays should be expected.

Our work is weather dependent and dates may shift slightly due to bad weather. If this occurs, we will communicate new dates at the earliest opportunity.

## UPDATE – 16 FEBRUARY

Due to the weather this week, night works are now Wednesday 17th, Thursday 18th and Sunday 21st.

## UPDATE – 23 FEBRUARY

Due to resource constraints Sunday’s night works have been moved to Tuesday 23/02 (tonight).

The two nights for asphalt work have been rescheduled after the recent rain and will take place on Sunday 28/02 and Monday 01/03.

## UPDATE – 25 FEBRUARY

One final adjustment to our asphalt nights works, which are now Monday 01/03 and Tuesday 02/03.