



Far North  
District Council



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# Infrastructure and Asset Management

## Monthly Business Report

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DECEMBER 2020

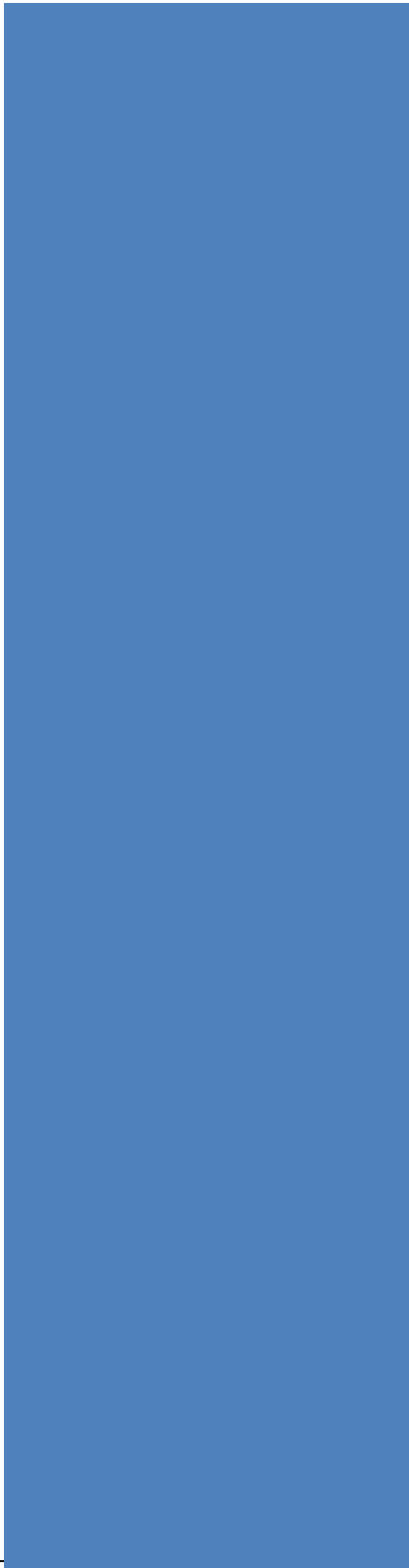
HE ARA TĀMATA  
CREATING GREAT PLACES  
*Supporting our people*

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# SUCSESSES



## Far North Waters

**From:** ken

**Sent:** Friday, January 15, 2021 9:03 AM

**To:** Glenn Rainham

*Glenn*

*Your team have once again flushed the sewer at the above address and hopefully this will resolve the problem. I want to pass on my praise of these gentlemen who showed the most professional attitude and expertise on all 3 occasions that they visited my abode, to deal with this unpleasant problem. Unfortunately, they were unable to totally guarantee that the problem will not re occur, as it appears that some third party (or parties) have flushed an unknown amount of debris into the line and until it is all accounted for, may continue to cause blockages. There would seem to be a need for some sort of educational thrust ( pamphlet drop, news article ??) on the non-disposal of wet wipes ,etc via the sewer system. Thank you and your team for the speedy response and I hope that this will be the last time I will have to call upon your services.*

*Ken*



**CAPITAL  
SPEND  
ANALYSIS**



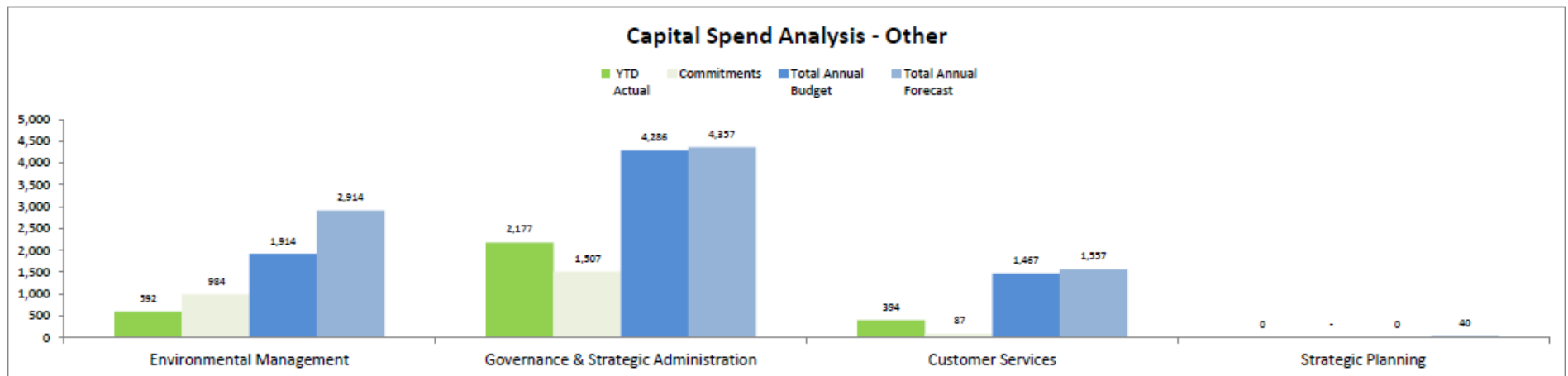
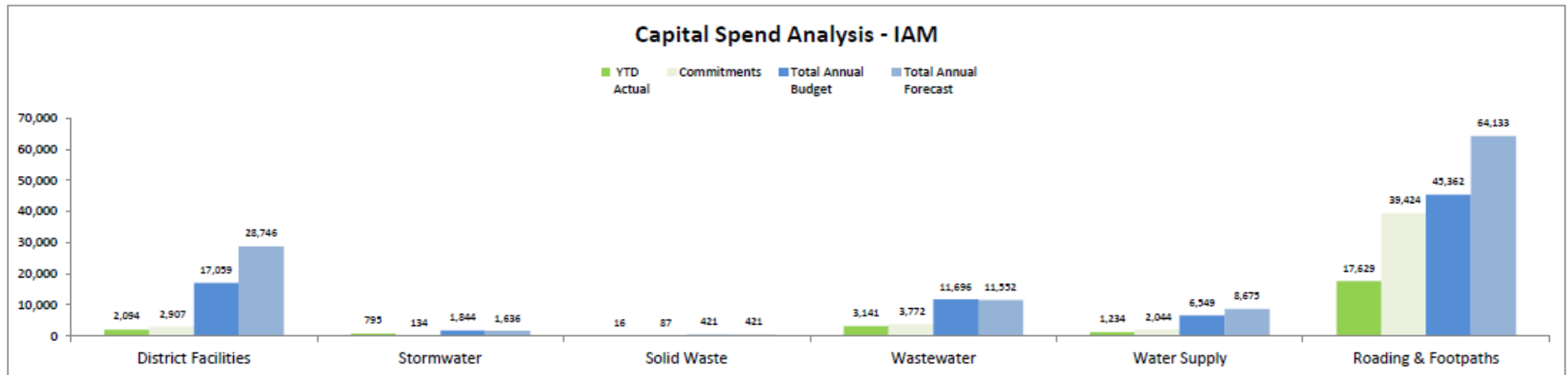
## Capital Spend Analysis

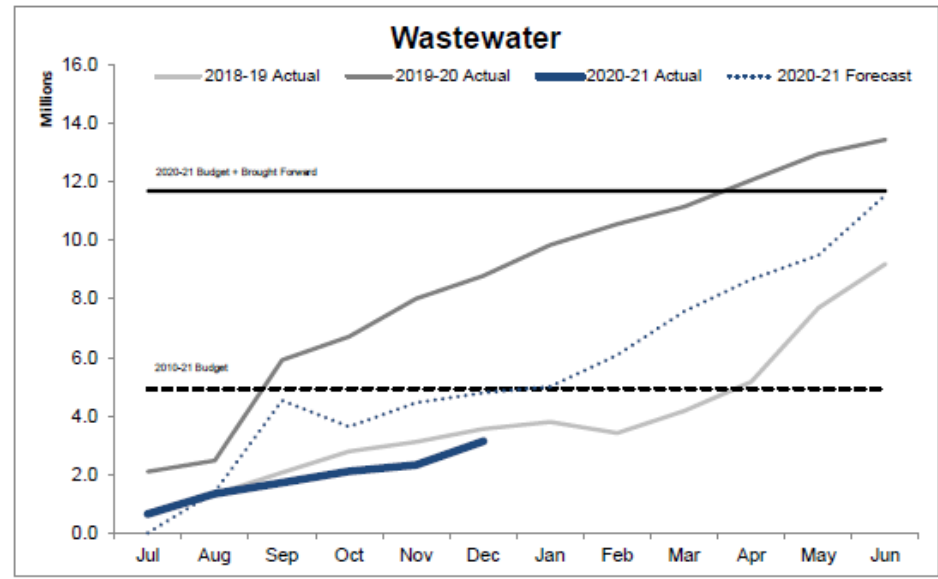
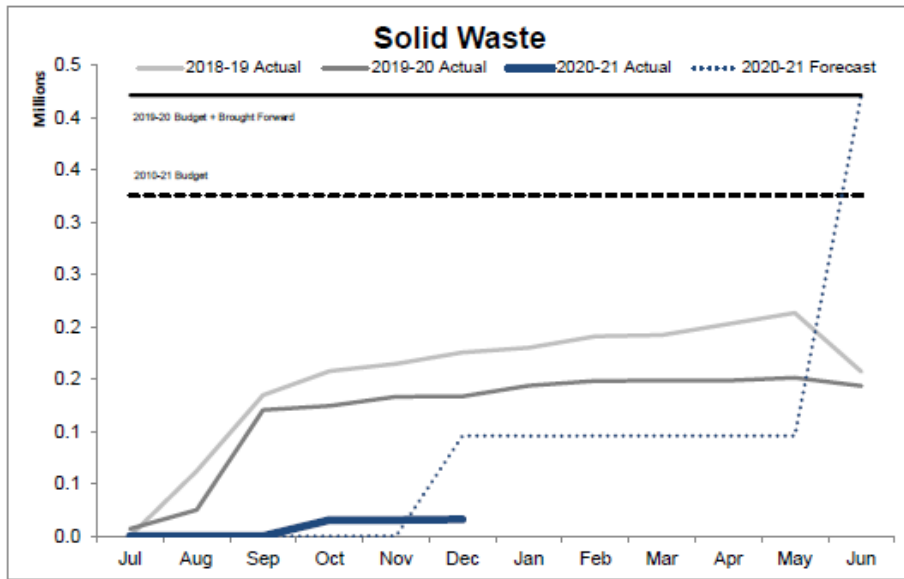
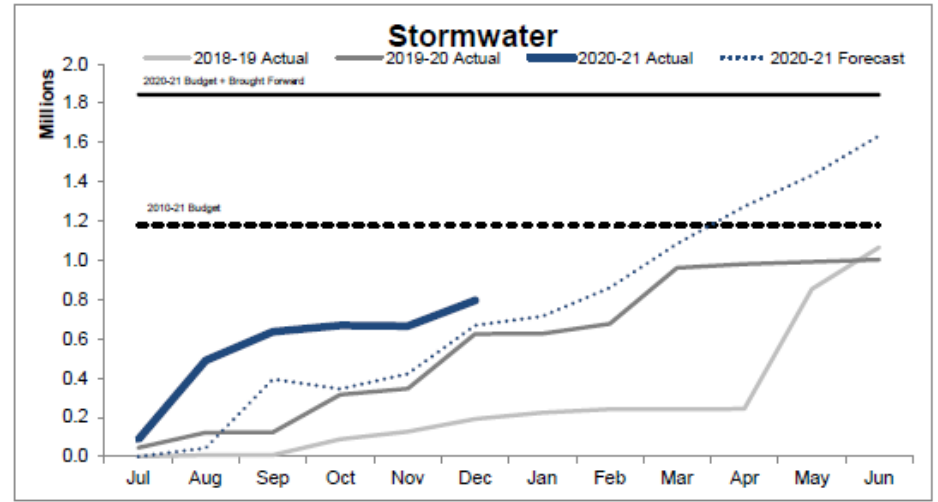
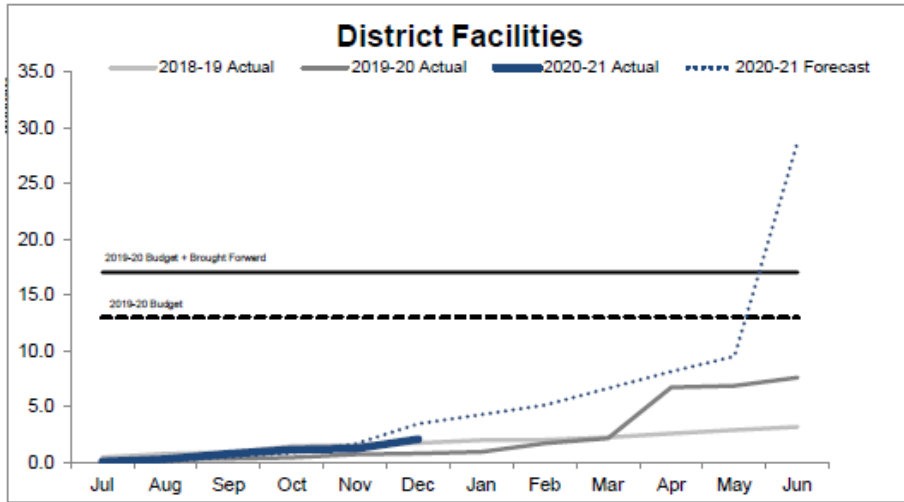
as at 31-Dec-2020

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	2,094	2,907	13,028	4,031	17,059	12.3%	28,746	7.3%	169%	11,687
Stormwater	795	134	1,179	666	1,844	43.1%	1,636	48.6%	89%	(209)
Solid Waste	16	87	325	96	421	3.8%	421	3.8%	100%	0
Wastewater	3,141	3,772	4,936	6,760	11,696	26.9%	11,552	27.2%	99%	(144)
Water Supply	1,234	2,044	4,495	2,054	6,549	18.8%	8,675	14.2%	132%	2,126
Roading & Footpaths	17,629	39,424	37,388	7,974	45,362	38.9%	64,133	27.5%	141%	18,771
<b>IAM Total</b>	<b>24,909</b>	<b>48,368</b>	<b>61,351</b>	<b>21,580</b>	<b>82,931</b>	<b>30.0%</b>	<b>115,163</b>	<b>21.6%</b>	<b>139%</b>	<b>32,231</b>
Environmental Management	592	984	0	1,914	1,914	30.9%	2,914	20.3%	152%	1,000
Governance & Strategic Administratio	2,177	1,507	2,334	1,952	4,286	50.8%	4,357	50.0%	102%	70
Customer Services	394	87	533	933	1,467	26.8%	1,557	25.3%	106%	90
Strategic Planning	0	-	0	0	0	0.0%	40	0.0%	0%	40
Other Total	3,163	2,578	2,867	4,800	7,667	41.2%	8,868	35.7%	116%	1,200
<b>Total</b>	<b>28,071</b>	<b>50,946</b>	<b>64,219</b>	<b>26,380</b>	<b>90,599</b>	<b>31.0%</b>	<b>124,030</b>	<b>22.6%</b>	<b>137%</b>	<b>33,432</b>

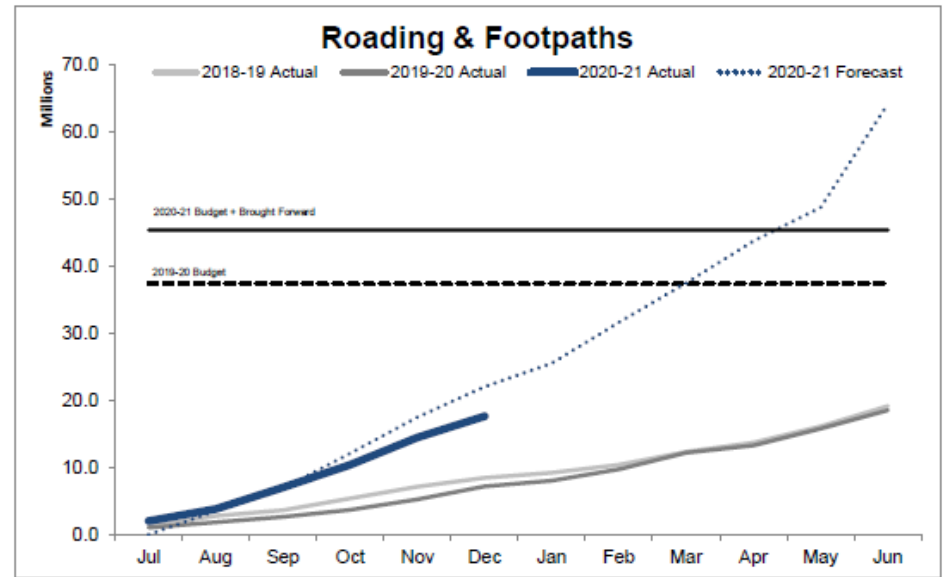
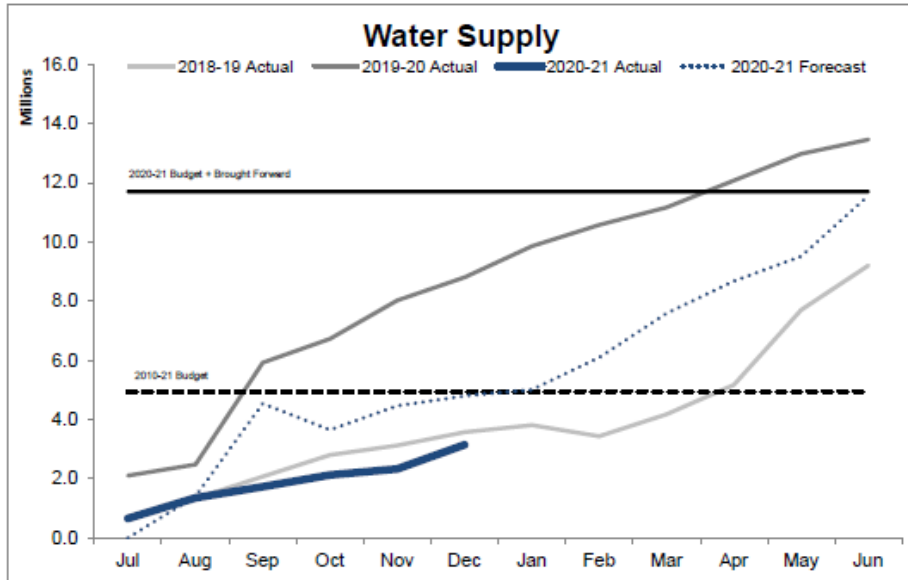
### Comments:

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

The final AMP document was submitted on 11<sup>th</sup> December 2020.

Implementation of the Okaihau-Kaeo-Waimate Speed Limit changes has been delayed by approximately 4 weeks (and potentially 2 months). The delay a result of supply chain issues of importing signs, sockets and posts from China.

Delivery of the Capital Works programme continues to progress well and, after some initial programme slippage against the original forecast in the first 3 months of the year, is on track for completion against the revised (increased total programme) forecast.

The Dust Suppression program was successfully completed in December noting that, since completion, a number of requests have been received from Customers whose roads weren't treated questioning why. Responses to these enquiries has required investment of significant staff time and effort.

The condensed summer traffic count programme commenced in late December 2020 and will continue into January 2021, with this captured information to provide a key component of updated data within the Dust Prioritisation Matrix.

The Hokianga Ferry service experiences significant pressure at this time of year and as a result the vessel operates continuously (known as shuttling) for long periods to reduce queue lengths and waiting time as much as possible. The operator also deployed a Traffic Management Plan including a temporary speed restriction to warn drivers and to mitigate safety issues as a result of queues.

As part of the continued preparation for a potentially dry summer and a subsequent increased in Unsealed Road RFS's, the Maintenance and Operations Team have developed an Unsealed Roads information sheets. These have been provided to FNDC's Comms (for proactive community messaging) and Customer Service teams (for consistent informed responses to enquiries).

The overall number of requests for service are trending down, towards the situation one year earlier. The month on month gap comparing the same months from 2019 has reduced by 23%. There remains room for improvement and the team are due to explore ways to review.

## 2021/24 AMP DEVELOPMENT PROGRESS

The final AMP document was submitted to Waka Kotahi on Friday 11th December 2020. Waka Kotahi will continue with the review and moderation process of the final AMP document and financial request submissions with initial formal indications of outcomes expected in February 2021.

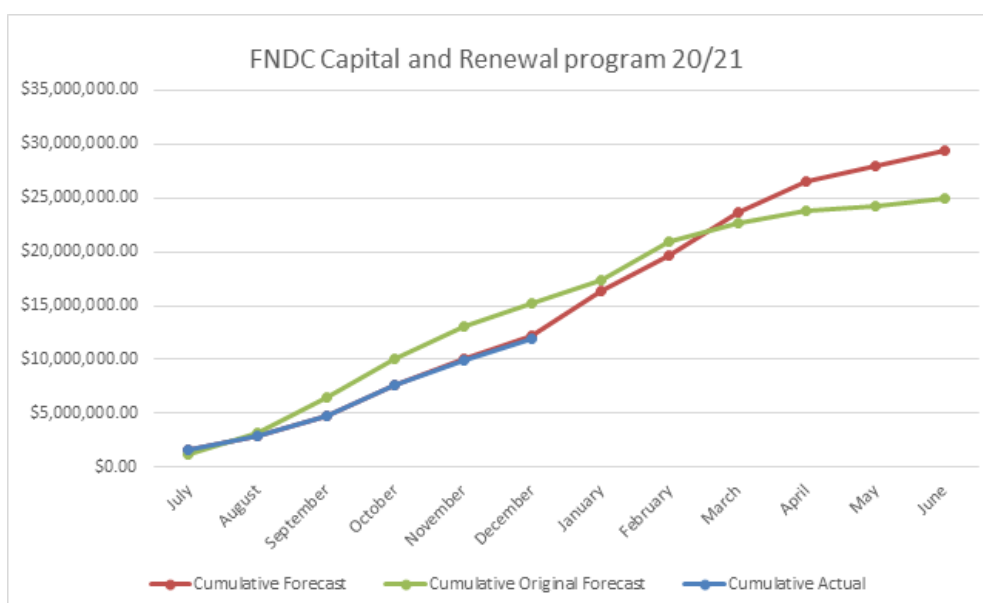
## CENTRAL GOVERNMENT POLICY SUBMISSIONS

There were no Central Government submissions in the past month.

## MBIE Worker Redeployment programme (Original \$2.2M + \$2M Storm variation)

The programme is now nearing completion with all funded activities requiring completion by the end of February 2021. Through MBIE's approval of the variation requesting an extension of the programme completion date from 28th November 2020 to 28th February 2021 we have been able to continue the employment of a significant number of the redeployed individuals through the Christmas period and through until February 2021.

## FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY



### Projects started in December 2020

None.

### Projects to start in January 2021

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

## FNDC Significant Projects

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	80%	Works completed and bridge open to general public	Finalise claims and defects walkover
341 - Low Cost Low Risk	Resilience	Panguru Road	100%	Continued with pavement stabilisation works and sealed section A and B. Continued discussion concerning additional scope for section C to increase embankment height (funded through NRC).	2 Driveway culverts to be upgraded and driveways sealed. Continue discussion/ agreement for additional scope for section C to increase embankment height (funded through NRC).
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Construction completed.	Defects period will end November 2021
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Construction completed.	Defects period will end November 2021
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	100%	Reinspected sealed sections prior to line marking. Final measure-up and issue completion certificate. Project Complete.	Defects period will end November 2021
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	100%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	100%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	100%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	100%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	5%	Signages manufacturing and construction/ installation are underway	Continue manufacturing and installation of signs
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	Engaged with the contractor to start Pou installations. Programmed works for Feb 2021.	No work planned until Feb 2021.
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	5%	Construction Pre Award phase	Commence construction
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	100%	Complete	Complete
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	100%	Complete	Complete
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	100%	Complete	Complete
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	100%	Construction completed.	Defects period ends Oct 2021
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	65%	Finalised RSA, reviewed and accepted Price from contractor and started construction.	Continue with construction.
Resilience - Unsubsidised	Resilience	Panguru Road	0%	Budget is surplus to requirements for the in-scope Panguru works.	Consider and seek approval to redistribute or formally surplus the budget.
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	100%	Construction completed.	Defects period ends Sep 2021
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	37%	Discussions with IWI held and aiming to complete post Xmas	Discussions with IWI held and aiming to complete post Xmas

Photo Wall	
	
Footpath construction/Signal Station Road	Chip sealing on Road shoulder/Taipa Point
	
Kerb and Channel, Footpath construction/Taipa Point	Otaua Bridge complete
	
Seal Extension – Ready to seal/ Pouto Road -	Seal Extension – Enabling works/ Koropewa Road

## ROAD SAFETY AND TRAFFIC ENGINEERING

### Speed Limit Reviews

- Implementation of the Okaihau-Kaeo-Waimate Speed Limit changes has been delayed by



approximately 4 weeks (and potentially 2 months).

- **Current Status** - awaiting shipment of equipment deliveries from China
- **Revised Program** - targeting implementation by end of February
- The delay a result of supply chain issues of importing signs, sockets and posts from China. Many other similar projects around New Zealand are experiencing similar delays, as container ships struggle to secure berthing to be unloaded and distribute their products.
- Our contractor, Ventia, is continuing to ensure we are ready to go as soon as all the shipments arrive, by pre-digging the holes for each of the new posts.
- The existing speed limits will continue to be legal and enforceable until the new signs are fully implemented.
- Council will continue updating the public as we move closer to the completion date. Police have agreed to help educate drivers in the bedding down period, as we adjust to the lower and safer speed limits.
- Police have agreed to help educate drivers in the bedding down period, as we adjust to the lower and safer speed limits.

### 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.
- 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 tender evaluation has been undertaken for the Guardrail contract, with final paperwork being completed to award. It is likely that the contractor will commence delivery early in the new year with a view to complete by April 2021.
  - Tenders closed on 10 December 2020 for the Audible Tactile Paint Roadmarkings contract.
- Innovating Streets – Projects funded by Waka Kotahi include Kaikohe, Moerewa and Kawakawa townships. The Road Safety and Traffic Engineering 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.
- After being inundated with application in Sept and Oct, the Road Safety and Traffic Engineering Team has engaged consultant support to process applications at a greater rate. This is shown in the November results with responded applications exceeding the total received. The comparisons across Northland show that Far North exceeds monthly requirements for application processing, requiring a third more time than WDC and KDC.

### HOKIANGA FERRY (KOHU RA TUARUA)

Revenue received for December 2020 was \$62,111.13 excluding GST. Whilst this is significantly higher than the same period last year (\$35,670.97), low revenue numbers in previous December's are typically followed by a corresponding spike in January and this can be put down to the timing of banked cash over the Christmas period.

The service experiences significant pressure at this time of year which means that the vessel operates continuously (known as shuttling) for long periods to reduce queue lengths and waiting time as much as possible. The operator also deployed a Traffic Management Plan including a temporary speed restriction to warn drivers and to mitigate safety issues as a result of queues.

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

### Roundabouts

- Waipapa - 2nd layer of asphalt has now been completed, and 1 more to go. Roundabout curbing was completed, and concrete apron completed. Approach islands now complete. All permanent signs are in place, most topsoil has been placed, Skippers Lane is complete and there are twice the number of car parks available to what they had before. Most of the footpath has also been completed.
- Puketona - Good progress, roundabout is formed up, and approach roadworks are nearing completion. Traffic will be again moved over onto some of the new work to enable the tie ends to be completed.
- Kawakawa - The roundabout is now in place and traffic using it. Much of the retaining wall is complete. There is still some concrete work to be done along the edges. This will again cause traffic delays, which cannot be avoided.

### Other

- UFB 2 Haruru Falls will be followed by Russell.
- UFB 2+ Rangitane area and Okiato has started work followed by Rawene in April.
- UCG connections continuing in all towns, and being well taken up in Ahipara, Kaitaia & Coopers Beach
- RCG are progressing with the cell towers across rural areas.
- Other CAR's are coming in steadily for tree work, Pavement rehabs, other UCG connection work along ROW's, watermains, stormwater pipes being replaced, slip repairs and events.

## PARKING

The NTA has been instructed to programme and implement changes to mobility parking spaces district wide as requested by the Disability Action Group. Bylaw schedule changes will be required to ensure that the parking restrictions are enforceable, but this is not considered urgent. These schedule changes will be made once all sites have been signed and marked and the full Parking Bylaw review has been undertaken by FNDC Strategic Planning and Policy group.

## FORESTRY AND DUST CONTROL

### UNSEALED DUST SUPPRESSION (UDS) SITES

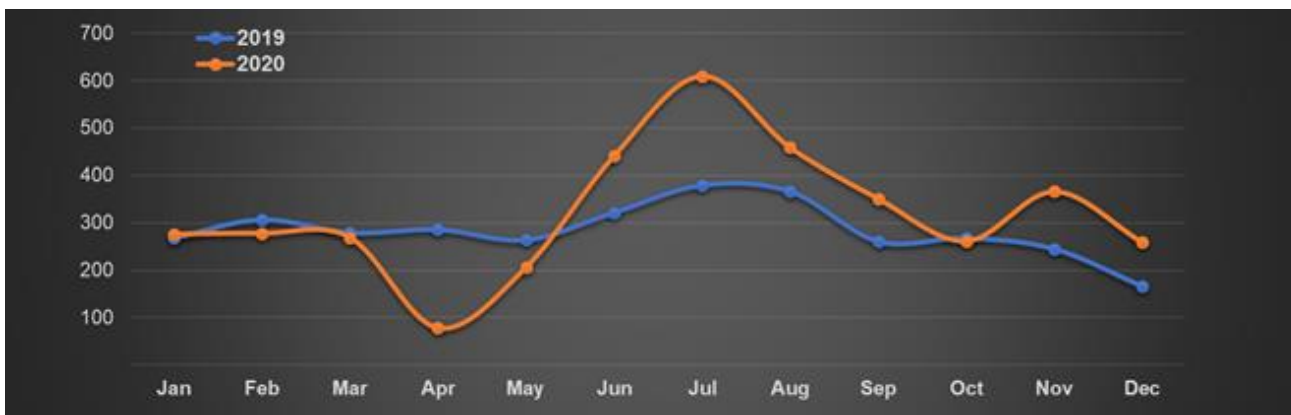
- Summer dust suppression application had been completed. Next application will be in the next summer.

## THE CUSTOMER EXPERIENCE

### Request for Service

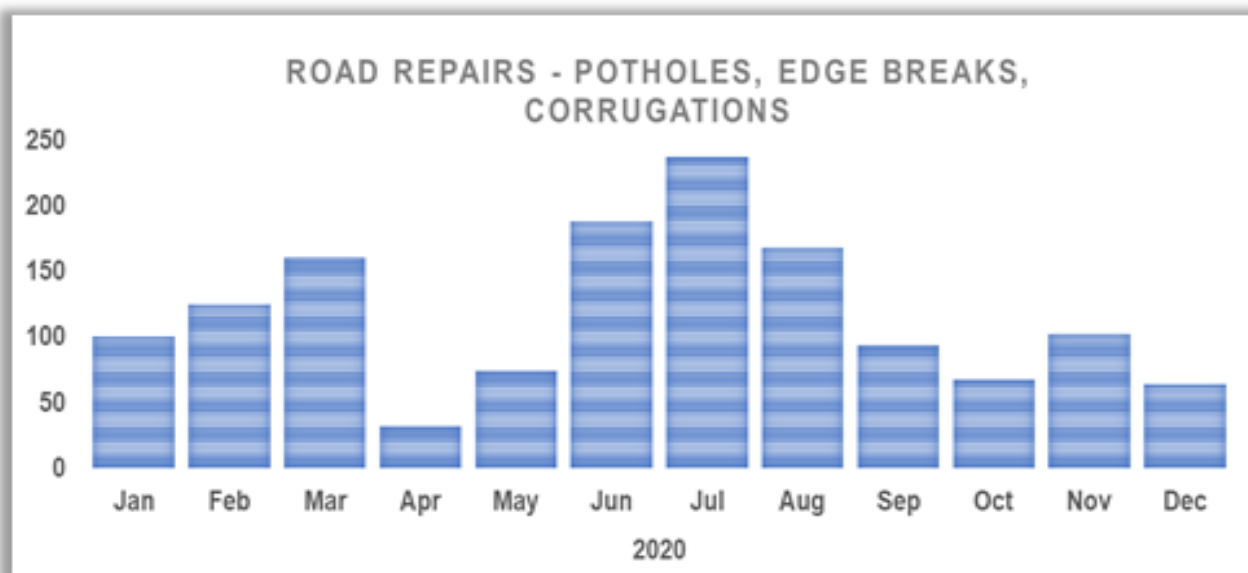
As the chart below shows, the overall number of requests for service are trending down, towards the

situation one year earlier. The month on month gap comparing the same months from 2019 has reduced by 23%. However, there is still room for improvement and the team are due to explore ways to review this.



### Potholes, Edge Breaks, Corrugations

This category remains the highest in terms of numbers, albeit cumulatively for 2020. In December, this was overtaken by the category of 'Roading Correspondence'. The latter is reflected in the second chart following.





# 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	Amber	Design received awaiting reports and engineers plan/report
Scope	Green	Amber	Scope confirmed
Schedule	Green	Amber	Schedule confirmed
Cost	Amber	Amber	Draft QS received with estimated cost
Project Risk	Amber	Amber	Weather, contractor availability, material availability, Covid-19, NRC approval for on-site wastewater system and stormwater discharge

**Monthly Summary:**

Design and fire report received awaiting engineer reports, electrical report. District Plan pre-assessment carried out and Resource Consent documentation being put together.

Procurement plan approved by Tender Panel in December.

Meeting being held in January with Designer to confirm final design details.

Key Project Risks	Mitigation of Risk
Funding	Ensure detailed planning 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 on updated final design and reports meeting to be held with designer in January 2021

**Project Budget Status**

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,443,489.00	\$73,472.32	

**Project Phase: Construction**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	<b>Green</b>	<b>Amber</b>	Construction underway
<b>Scope</b>	<b>Green</b>	<b>Amber</b>	Scope confirmed.
<b>Schedule</b>	<b>Green</b>	<b>Amber</b>	Project program confirmed.
<b>Cost</b>	<b>Green</b>	<b>Amber</b>	Cost confirmed and approved
<b>Project Risk</b>	<b>Green</b>	<b>Amber</b>	Weather, contractor availability, material and time delays due to Covid-19.
<b>Monthly Summary:</b> Concrete tilt panels in place			
Key Project Risks		Mitigation of Risk	
Funding		Strict financial management	
Tender		No longer a risk Awarded to KPH Construction Limited	
Key Project Milestones		Expected	Status
Tender award		Late September	Awarded
Construction		Currently under construction	On Track
Project Budget Status			
Approved Budget		Actual Spend to Date	
\$1,470,989.00		<i>Construction: \$527,552.69</i> <i>Project Management Time and Professional Fees: \$14,149.07</i>	
		Forecast Total Spend	
		\$1,531,442.00	

## Project Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	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 February 2021. There is local opposition to the toilet location, and this has resulted in a petition which has been submitted to FNDC for consideration, Community Board are in favour of continuing with project and response circulated
	Amber	Amber	<b>Waitangi:</b> Building Consent is approved; Resource consent is granted however with still need approval from Heritage NZ.
	Amber	Amber	<b>Haruru Falls:</b> Tender has closed, and contract awarded however drainage contractor has advised gravity feed to pump station for sewer will not work due to 140mm dip in bridge, options are being assessed.
Scope	Green	Green	<b>Waitangi:</b> Scope is clear and approved by Stakeholders <b>Mitimiti:</b> Construction complete. <b>Opononi:</b> Scope is clear and defined. <b>Haruru:</b> Scope is clear but reduced, the cost to get power to site is excessive and so we will alter build to include more natural light.
Schedule	Amber	Green	Projects currently tracking behind programme due to consultation and legal agreement delays. An extension of time has been granted from MBIE until Dec 2020, COVID 19 has also played its part in the programme delays.
Cost	Green	Green	Mitimiti completed within budget. Opononi and Haruru Falls pricing is in line with budgets. Waitangi has not yet been out to market, but QS shows we have a shortfall, but we may have savings at other sites which can be re-allocated to Waitangi
Project Risk	Amber	Green	Covid 19 will cause large delays to all programmes of work which have already been delayed due to legalising access to all sights. These projects will not be completed in the timeframes initially set out and there is no opportunity to bring them inline, so we have accepted this and asked for funding extensions.
<b>Monthly Summary:</b>			
<ul style="list-style-type: none"> <li>Haruru - Drainage contractors contacted to price sewer and water connections; this has highlighted issues with fall/head, so options are being sought to rectify</li> <li>Waitangi - Toilet Building Consent &amp; Resource Consent granted, Archaeological Authority being sought from Heritage NZ (Shell Midden onsite)</li> <li>Opononi - construction underway, monitor until expected completion in February 2021</li> </ul>			
<b>Key Project Risks</b>		<b>Mitigation of Risk</b>	
Covid 19 Lockdown will lead to programme delays.		Accept & Monitor.	
Waitangi Toilet – Archaeological Site		Further Iwi Engagement for new site.	
Haruru Falls – Sewer Connection		Drainage Contractors contacted to provide options	
<b>Key Project Milestones</b>	<b>Expected</b>	<b>Status</b>	<b>Comment</b>
Waitangi Toilet – Iwi Engagement	July 2020	Delayed	This is with Infrastructure planning to secure Archaeological Authority. BC & RC completed
Opononi Construction	October 2020	Met – Late (November)	Construction Underway
Haruru – Prefab installation	May 2021		Contract Awarded to Permaloo
<b>Project Budget Status</b>			
Approved Budget	Actual Spend to Date	Forecast Total Spend	
\$1,045,688 (combined)	\$461,951	\$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 February 2021.
Scope	Amber	Amber	<ul style="list-style-type: none"> <li>A design and scope for the compliance work was provided by FNW.</li> <li>A recent change in test certifiers has resulted in a scope change.</li> <li>As a result of an overall District wide Scada/Telemetry upgrade project. A new PLC is required and needs to be installed for the overall running 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 February 2021.
Cost	Amber	Green	The emergency and compliance work to completion has been estimated to cost \$252K. Additional funding was made available to cover the costs for the compliance works.
Project Risk	Amber	Amber	FNW are conducting their own internal audit of the plant to make sure that all observations made during the past audit have been addressed. When satisfied, FNW will contact the Test Certifier and arrange for the final HSWA Compliance audit to take place.

**Monthly Summary:**

FNW work to date

The PLC has been procured and a programme is currently being written for the PLC. When available the programme will be downloaded into the PLC and the temporary electrical controls which were put in place to keep the plant operational will be disconnected and new connections made to the PLC.

All turbidity meters and the site office have been reinstated.

The final BC inspection and Compliance audit is scheduled for February 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
Chemicals deliveries – decanting area does not meet IXOM requirements	Closed

Key Project Milestones	Expected	Status	Comment
Compliance Audit	Dec 19	Completed	Plant not compliant additional operational work required.
Order chemical tanks	April 2020	Completed	Tanks ordered on 17/07. Lead time 21 days
Install chemical tanks	May 2020	Completed	Delay due to change in Test Certifier’s additional requirements. An engineered external concrete slab has had to be constructed for the PACL Tank. Weather delays were also experienced whilst prepping up the area for the slab.
Chlorine room fit out	June 2020	Completed	
Electrical fit out	July 2020	Late	80% Complete. Due January because of the late issuing of the PO for the PLC and the Christmas Shut down period.
Issuing of Location certificate	Sep 2020	Late	February 2021

**Project Budget Status**

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$220,000	\$165,780	\$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.
Scope	Green	Green	Scope understood – potential redesign to appease landowner
Schedule	Red	Amber	Delay in procurement award due to Easements not being secured has increased as commercial negotiations have not been successful. It is now likely a formal process will be required that could delay award until end March 2021
Cost	Amber	Green	Construction costs are within budget allowance however delay to award will impact phasing of spend resulting in a likely decrease in spend this FY.
Project Risk	Amber	Amber	Property and Easements are subject to commercial negotiations

**Monthly Summary:**

Financial Due Diligence on the Preferred Tenderer is underway for the main Physical Works contract and pre-letting is planned for January with a focus on opportunities to mitigate delay of contract award.

Negotiations continued throughout December to try and find a resolution that is acceptable to Elbury Holdings and FNDC. These negotiations were unsuccessful, and the formal hearing was completed on 14<sup>th</sup> December. Council voted to continue with the works and the decision was appealed to the district court on 22<sup>nd</sup> December.

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

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

The McMillan contract for bore development has been closed out and full and final payment has been made.

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 31/03
Practical completion	September 2022	On target	Reviewed and revised to October 2020 however delay to contract award will likely increase this

**Project Budget Status**

Approved Budget	Actual 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**

**Project Phase: WWTP Construction**

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Completion of WWTP construction programme was reached at the end of September 2020. The Practical Completion Certificate was issued on 23 October 2020. Commissioning Phase 5 was completed in November and Phase 6 Commissioning started on 16 November 2020. Phase 6 will continue in January 2021, as results are not compliant yet and the Dewatering Plant needs to be commissioned and tested. The final cut over connections of the reticulation work has resume and will be completed by May 2021.
Scope	Green	Green	Scope creep from design issues due to awarding contract without "IFC" drawings, is managed and the HAZOP has been revised for the new site and is completed.
Schedule	Amber	Amber	Design discrepancies, resolution of compliance and health and safety issues are identified and managed.
Cost	Amber	Amber	Cost implications have been communicated to PSG via report dated 28/02/2020 and are not expected to be exceeded.
Project Risk	Amber	Amber	Schedule extensions and cost increases are managed as stated above. Pipework damages within Area of Benefit, which was discovered during testing in November 2020. Practical Completion was reached on 23 October 2020, with some snags listed which was rectified by end of November 2020. Providing of Operations and Maintenance Manual, Asset Data Register and As-builts needs to be handed over to FNW after signing off by consultants. Unforeseen in Phase 6 Commissioning Phase as well as requirements from Operators and defects picked up during operation.

**Monthly Summary:**

Construction of the new Treatment Plant is completed with only defects, testing of the Dewatering Plant and installation of gates outstanding. The As-Builts, O&M manual and the Asset Data Sheets was submitted by the contractor but will need review and sign off by the Project Team. The Practical Completion Certificate was issued on 23 October 2020 and the works were insured by FNDC.

Commissioning Phase 5 was completed by middle November where after Phase 6 started on 16 November 2020 and will run until the end of January 2021 after completing of the testing of the Dewatering Plant. Key work completed in the month of December 2020:

**Key Construction activities during December 2020**

- **Construction - Roading / Earthworks / Pipework**
  - o Finishing up earthworks around structure and landscape planting;
  - o Security Fencing and gates, and
  - o Defects list.
- **Commissioning**
  - o Phase 6 Commissioning in progress.
- **General**
  - o Valuation and Agreement with Davies Trust in progress; and
  - o Contract Completion Documentation, asset register and O&M Manual submitted by Contractor.
- **Reticulation Contract**
  - o Pressure testing and Fixing of leaks;
  - o Installation and commissioning of first 9 properties in Shephard Road and Campbells Lane.

Main activities planned for January 2021 are installation of access gates, Dewatering Plant commissioning and review of handover documents by Mott MacDonald and handover of project to FNDC/FNW after sign-off of handover documents (by February 2021).

Work will continue by United Civil with the cutting over of the house connections, with an estimated completion by May 2021 and close out of projects by May/June 2021. Decommissioning of the existing treatment facility in Shepherd Road is scheduled for 2021 and will commence after funds are secured and committed.

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.
Reverse sensitivity around new WWTP and infrastructure	Assess design odour control efficiency at commissioning
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. Number of RFS received from community - 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.	
Abatement Notice issued on non-compliant discharge		Getting the plant compliant and communicating with NRC	
Key Project Milestones		Expected	Status
Commissioning Phases of WWTP		30/01/20	In progress
Completion of Kerikeri WW reticulation and Close Out		31/05/21	Pending
Decommission existing Kerikeri WWTP		30/08/21	Pending
Project Budget Status			
Approved Budget		Actual Spend to Date	
Forecast Total Spend			
<i>Finance to provide</i>		<i>Finance to provide</i>	



**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	The recirculation works have been designed but a chemical dosing system is also now required to be included. WSP have been asked to provide further input to modular options at Paihia and Haruru Pump Station
Schedule	Red	Red	Feedback from design into modular units is lagging. Initial target to have design completed in Jan 2021 and modular units installed in Feb but this looking less likely as design information is not forthcoming.
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 either Haruru station or Locally on site.
Project Risk	Red	Red	The July testing phase has indicated a non-compliance in the plant's chemistry for both levels of Ammonia and Ph. The recent result analysis has indicated that a long-term chemical dosing facility will be required for the plant. This is yet to be agreed but is a risk to project budget and operational expenditure is likely to increase substantially.

**Monthly Summary:**

Defect close out is still underway with the final items to be closed out in the coming weeks.  
 The July testing phase results have been received and have been Analysed by the design engineer and WSP.  
 Chemical dosing completed manually at the plant has continued, results received on the 23<sup>rd</sup> of December now show that the plant is compliant with its resource consent levels of Ammonia and Ph.  
 Chemical dosing has continued through the Christmas break and results have been published for review by WSP, which may see the chemical dosing levels reduce.  
 Initial coating has been received for both chemical dosing units which are estimated at \$120,000 for each unit.  
 Budgets to be assessed for inclusion and allowance for each unit.

**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	Delayed due to August testing results and knock-on effects.

**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 is completed. Preparation of the SO Plan identifying the land to be acquired by Council is underway, as well as the formal acquisition of the land area which must be completed by Gazettal.
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	Agreement with Top Energy on easements and maintenance of lines and vegetation in the area – Agreement was reached.

**Monthly Summary:**

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

- Survey work and to obtain LINZ approval.
- Title to the land acquired from the landowner is to be obtained by way of gazettal.
- Compensation to the landowner

Hokianga Holdings Limited, Top Energy and Council have signed the sale and purchase and easements/maintenance agreements, and the surveyors are appointed to start with the survey and prepare the Survey Office Plan showing the land to be acquired to get LINZ approval.

Property Group was appointed to complete the formal acquisition of the land area which must be completed by Gazettal.

The Estimates of the remaining work are as follows:

Owner	Description	Estimated Costs (Excl. GST)
FNDC/Law North	Landowner Compensation	\$21 710
Palmer Macauley	Landowner Legal Fees	\$1 559.30
Donaldson Surveyors	LT Survey and Peg of boundaries for the issue of a new title and Legalise of land and easements (submission to LINZ)	\$5 765
Law North	Agreement to incorporate the compensation provision, finalising the easement instruments and having the authority and instruction forms signed by all parties and completing registration once the survey office plan is approved. Registration of a compensation certificate.	\$6 000
FNDC / Property Group	Title to the land acquired from the landowner is to be obtained by way of gazettal. Awaiting quote from Property Group	\$3 000
Stellar Projects	Project Management (Allowance until Jan 2020)	\$7 000
<b>Estimated Total</b>		<b>\$45 034.30</b>

Key Project Risks	Mitigation of Risk
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Land requirements and easement agreements.	Liaise and keep a good relationship with the landowner.
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
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LINZ approval and formal acquisition must be completed by Gazettal	28/02/21	In progress	Appointments made for Surveyor and Property Group. Awaiting works completion
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**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>Green</b>	<b>Amber</b>	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. The RC processing will now be split to allow for enabling works and bulk earthworks to commence ASAP and the sites main road junction to commence in January 2021.
<b>Cost</b>	<b>Green</b>	<b>Green</b>	The project is running within budget. Immediate procurement required includes the architect and specialist consultants to support the RC application.
<b>Project Risk</b>	<b>Amber</b>	<b>Amber</b>	Preliminary Concept Design layout approved by Working Group. Decision of the final sports field surface types needs to be done. Any changes to decisions would be a risk to the project

**Monthly Summary:**

The Preliminary Concept Design layout was approved by the Working group. New Zealand Turf Management Solutions (NZTMS) compiled a recommendation report on various types of field surfaces and present it to the Working Group. Feedback from the Sporting Code was received and the Working Group decided on the types of fields that will be designed to.

Procurement and contract drafting for the improvements around the junction with SH10 are still underway and will be concluded by the end of the month, after which physical works will start.

Haigh Workman are continuing with concept investigation on civil engineering services. Williamson Water and Land Advisory has been appointment to complete a Groundwater assessment

Key work completed in the month of December 2020:

- Project working Group decided on types of sports field surface types
- SH10 works procurement of contractor started – Tender panel approved approach on 21 December 2020
- Sports Field design consultant complete recommendation report on the for consideration
- Completion of the Topography Survey
- Completion of the Electrical resistivity tomography (ERT) survey (as the start of the groundwater assessment)

Key Project Risks	Mitigation of Risk
Design decisions	Continues communication with role-players and getting sign-offs in time
Market capacity to deliver	Procurement planning
Community Engagement	Agreement of a Working Group to 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		
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 – Land acquisition	\$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, this is now being developed into a concept layout plan that speaks back to the master plan for the reserve. This will allow procurement plans to be finalised and work packages to be released for tender response. Initial works (Skate Park and Basketball Court) design is being done along with the concept layout plan development.
<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.
<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>	Procurement of work packages through Christmas period and January rush

**Monthly Summary:**

Good progress has been made to date surrounding the information required from the project steering group, but some time delays have been experienced in providing the final sign off on the project scope.

Akau have been appointed for the concept layout plan for the reserve which captures the scope of the new funding received. This concept layout plan should be completed by end January 2021. Design of the Basketball Court and Skatepark is being done alongside the concept layout plan development.

Procurement is looking to be complete by end of January 2021 on the build elements and works are expected to commence in Feb. (Skatepark and Basketball Courts)

Further works which require specific design will be identified and move into design in January.

**No Change from November Report due to Christmas Shut Down**

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	Underway	
Detailed Design	Jan 2021		
Procurement	Jan 2021		
Construction	Feb 2021		

**Project Budget Status**

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

## 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 under review. Once contract is finalised construction date will be finalised.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	The new extension block has been completed. The conversion of the old shower units to toilets is being repriced/updated. Joint initial payment received from MBIE of <b>\$187,000 + GST</b> for both Waipapa Toilet upgrade and Waitangi Jetty Toilet Upgrade.
2	Pungaere Road Seal Extension	Approved with Funding Agreement	Work has continued onsite with the completion of site preparation and clearance, along with the initial stages of the drainage works. Pavement design has been completed, with the final site testing results for existing subgrade and pavement confirmed in early December. The site safety audit and improvement recommendations have been completed. The next stage of works through January will be the continuation of the drainage works, with the installation of scour protection and culvert upgrades as required. Work is also underway to finalise a solution for drainage improvements as part of the works to address historic stormwater discharge control issues. Initial payment received of <b>\$293,584 + GST</b> . Additional MBIE payments totaling <b>\$400,000 + GST</b> has been submitted and will be paid early January.
3	Cable Bay Carparks	Approved with Funding Agreement	Initial payment received of <b>\$79,436 + GST</b> . Agreement has the construction phase scheduled in the next financial year. Anticipate initiating design in the new year. Potential to align with the Te Hiku PGF project to maximise productivity and local economic benefits.
4	Taipa Beach Pohutukawa Protection	Approved with Funding Agreement	90% of the remedial work has been completed in accordance with the arborist report. Last remaining rocks to be placed in January.
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	Design amendments have been discussed and a revised proposal is due to be presented no later than the 24th of January.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Demand and supply conclusions are being developed. Financial data analysis is complete. RFS data has been received and analysed. Information meetings held with Parking Enforcement Officer and Recreational Services Team Leader.
8	District Boat Ramp Operational Plan Study Grant	Approved with Funding Agreement	Final report drafting continues. February 2021 targeted in order to support FNHL resource consenting requirements for Rangitane reclamation.

**August 2019 TIF Funding**

<b>Project</b>	<b>Community</b>	<b>FNDC</b>	<b>MBIE</b>	<b>Total</b>
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.***

# 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

Continual but constrained progress summarises this month report. Ongoing data cleansing, system development and engagement with key data supply chain partners are the highlights. Work has almost been completed on the condition data procurement and a full status report has been prepared for elected members. Work is continuing on the people and culture workstream with a plan to build off the recent competency reviews to establish development pathways for existing staff. A permanent fixed term programme manager will be in place early in the new year to reduce our dependency on consultant resource.

## □ 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

<b>Overall</b>	→	No significant change in status with progress continuing to be impacted by resourcing commitment to other FNDC matters. System workstream remains on track and initial work on data supply chain engagement has commenced
<b>Benefits</b>		Benefit realisation overview included in LTP narrative.
<b>Capability</b>		Issues remain with project delivery resourcing across the project team including assets SME's, IT project support and supply chain capacity to support project inputs. New Programme Manager selection underway.
<b>Leadership</b>		Programme leadership has been strengthened with the appointment of a permanent Manager Assets and Planning to foster greater integration and/or task prioritisation. Will move this green once Program Darwin Manager programme manager is appointed.
<b>Budget</b>		Currently within forecast but quality of data under investigation. Future years budgets yet to be defined.
<b>Roadmap</b>		Revised timeline, deliverables and expectations detailed on November update to Elected Members.
<b>Risk</b>		An additional item raised around commitment distraction arising from work being done 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>Appointment of permanent (fixed term) Programme Manager underway.</li> <li>Revised strategy of condition data capture works</li> </ul>	<ul style="list-style-type: none"> <li>System Workstream – no change.</li> <li>Transformation workstream - Stakeholder workshops to debrief on culture survey results and Field Force recommendations set down for new year.</li> <li>Transformation workstream - development of impacts to the roles &amp; responsibilities and competency based upon recent competency assessments.</li> <li>Data &amp; Analytics workstream -additional condition assessments underway (valve location and CCTV).</li> </ul>

## □ Programme Workstreams

Name	Type	Status	Programme Comment
INFOR	Project		Full operational use of INFOR will not be possible until September 2021 at the earliest (noting some parts may be ready before then) as previously articulated. Status updated to reflect revised program.
Data and Analytics	Operational		No budget change and still expect to have a pilot by June 2021 but a fully operational region wide LAMP will not be completed by June 2022.



### □ Programme Workstreams

Name	Type	Status	Programme Comment
People & culture	Improvement	Green	Initial survey completed (Field Force). Transformational plan (for assets team) being scoped.
Customer and Stakeholders	Improvement	Yellow	Engagement program yet to be initiated. Communications framework to be reinvigorated.

### □ Programme Milestones

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

### □ Top Programme Issues

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

### □ 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 adjusted risk profile.	Possible	Major	Stable	Status report and mitigation framework presented. Full programme lifecycle program update by November 2020.	Programme Manager	12/02/21
14	Investigation into budget management	Probable	Significant	Stable	Changes to budget allocation still being worked through	Programme Manager	12/02/21

□ Top Programme Risks

Ref #	Description	Risk Status	Current Risk Rating	Trend of Risk Rating	Mitigations	Owner	Review Date
	have identified some potential issues with coding of time.						
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	28 Feb 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 December, the Infrastructure Planning team progressed work on several key projects:

- A hui in Kohukohu to discuss the author of the Cultural Impact assessment took place and is an important milestone as we seek to fulfil the s92 Request for Information by NRC.
- A pre-mediation meeting with the Taipa WWTP resource consent appellants was held mid-December with the appellants and key FNDC staff. Two additional meetings have been scheduled for January 2021. Environment Court mediation has been scheduled for February 2021 if necessary.
- Infrastructure planning continue to work with Strategic Planning and Policy team on key pieces of work including
  - Parking policy and bylaw review
  - Water supply bylaw review
  - On-site water storage options

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 Integrated Transport Strategy Programme Business Case is complete and has been endorsed by council. NZTA staff will forward their approval recommendation to the NZTA Board early in the new year. The programme has been refined and re-entered into the NZTA financial system in the second of three stages leading to the inclusion into the Regional Land Transport Plan. The Transport Strategy development project is now being prepared for closure and preparations have now commenced on next phase implementation planning.
Sludge Strategy – Dredge and De-watering Equipment		●	●	●			Sludge management at our wastewater treatment plants is currently outsourced to experienced contractors on a case-by-case basis. The contractors come onto site, dredge the ponds, dewater the sludge and then transport the sludge to a storage area, usually offsite. This is a very expensive exercise and the 2018 District Wide Sludge Strategy identified substantial cost savings could be realised by owning and operating our own dredge and centrifuge. Tender documents (including technical specification) for the substantial purchase have been completed but the project does not have an approved procurement plan.  A decision is yet to be made regarding which staff member will be managing this ongoing project; the previous Acting Manager and TL were managing this project, and it is yet to be determined whether this project will move across to the Asset Management Team or will be retained within the Infrastructure Planning Team.
Sludge Strategy – End Use		●	●	●			Making good use of the sludge as a resource is a challenge. The 2018 Sludge Strategy determined that quarry rehabilitation looked as though it would be the most cost effective “end use” for the bio solids product. In 2018 and 2019 we looked further into practical options for quarry rehabilitation in the Far North. The investigation found a number of hurdles for the quarry rehab to be successful and staff are of the opinion that the second option, of vermi-composting, needs further assessment.  Staff intend on procuring an assessment of vermi-composting building on (not re-visiting) the 2018 strategy in the first quarter of 2021, however, as noted for the above project, a decision is yet to be made regarding which staff member will be managing this ongoing project.
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 the final draft is undergoing review by Audit NZ.
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 the water supply network, and monitoring equipment remains deployed in the wastewater network. Consultants are continuing to review data and create new models for the water and wastewater networks. Project completion is on track for 30 June 2021, in accordance with MBIE funding agreement.
Water and Wastewater Demand Forecasting	 	●	●	●		Mid 2021	The consultants engaged to assist with the development of demand forecasting methodology (Morphum Environmental Ltd) are in the process of reviewing the available data summary information provided by FNDC staff. Once the data review is complete, Morphum will outline a way forward, based on available data, followed by development of methodologies. A staffing change within Morphum has resulted in a new project manager at Morphum however at this stage, there does not appear to be any slippage against the programme, which 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, Water Demand Management Plans are intended to be developed for applicable schemes, aim to identify ways a particular scheme can manage demand to limit the need to invest in increased capacity.
Wastewater Discharge 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 discharge to land 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 the resource consents for discharges from these WWTP, FNDC will be required to demonstrate sufficient consideration of a discharge to land option. FNDC staff have been working with consultants to develop a robust discharge to land methodology, which is currently being applied to FNDC’s WWTP, in order of resource consent renewal priority. A high-level assessment for discharge of treated wastewater to land is in the final stages for the Kaikohe and Kaitaia schemes. Findings from these assessments, along with a recommendation as to economic and practical viability, are intended to be presented to the Infrastructure Committee meeting scheduled for 05 May 2021.

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 Plan will 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 is now being reviewed by the wider FNDC staff, Alliances and Regional Council prior to being soft launched to practitioner groups including the Disability Action Group in the new year. It will be workshopped with Elected Members in February and subsequently published for public consultation
<b>Consent Applications/Authorisations</b>							
Taipa WWTP Renewal/Appeal		●	●	●	●	Under Appeal	The 2019 Taipa WWTP discharge consent decision has been appealed to the Environment Court. All parties have agreed to mediation and the commissioners for this process have been appointed. Two days of mediation have been scheduled for the 10-11 February 2021 in Kaitaia. Staff, including the CEO and GM (IAM) met with the appellants mid-December to see if progress could be made on the defining the purpose, role and responsibility of the Working Group (required to be established by conditions of the consent under appeal) in advance of mediation. Good progress was made at the December meeting and two further meetings have been scheduled for January 2021 to establish if an agreed TOR can be drafted for the Working Group.
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. An application to renew the consent will be lodged with the prior to 30 August 2021. Initial investigations into the effects of the discharge indicate that the discharge from the treatment plant is affecting the water quality and ecology of the Wairoro Stream. 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. Current work underway includes a study on land disposal feasibility and the commissioning of an ecological 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		●	●	●		Nov 2020	A hui with relevant Kohukohu hapu has been undertaken, which required follow up discussions between FNDC staff and hapu members, to achieve agreement from hapu representatives regarding an approved CIA author. Staff have been unable to elicit a response from hapu reps regarding this matter, and additional assistance from Te Hono staff has been sought. The CIA is the final report required to fulfil NRC's request for information; if hapu support for a nominated author is not obtained, it may be necessary to complete the CIA based only on the views put forward by hapu representatives at the hui last year.
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. Discussions about the suitability of the conditions continue and are yet to be resolved.

Key: ● Complete ● In progress ● Parked




Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Motutangi Drainage District Concession application		●	●	●		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 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 Kaimaumau Scientific Reserve. Once that has been received staff will continue to work with DOC to progress the concession application.
Kawakawa WTP groundwater reassessment		●				January 2021	Staff have initiated a project to review the correlation between groundwater levels in the source aquifer and the Tirohanga stream at the Kawakawa water treatment plant. If there is less of a correlation between the two sources than initially determined, then an application to reduce the residual flow requirements of the consent will be made.
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 is required from Heritage NZ and will be lodged early Jan 2021.

## Activity Comment

### Collaboration and Engagement

Tai Tokerau Councils Climate Change Adaptation Group (TTCCCAG)	The purpose of the Climate Change Working Group is to develop a regional collaborative approach to climate change adaptation planning for local government in Northland. The working group is led by NRC. IAM Planning staff continue to participate in the working group in addition to participating in the development of FNDC's climate change roadmap which is being led by SPP.
District Growth and Infrastructure Demand Forecasting	Infrastructure Planning team staff have recently engaged a consultant to assist FNDC 3W planning staff to develop water and wastewater demand forecasting methodologies, of which an essential component is forecasting population growth in serviced areas. The demand forecasting methodology project includes reviewing FNDC's current methods of forecasting growth and advising on a consistent methodology that both teams can use to forecast growth in the district, this growth forecasting review is scheduled to take place in early 2021.
Parking policy and bylaw	A new departmental collaboration project with the Strategic Planning and Policy department has commenced 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.
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, have drafted an options paper for the Strategy and Policy Committee meeting scheduled for 09 February, which will recommend that a replacement, albeit more specific and brief, water supply bylaw is created and approved prior to the revocation date. Key content of the revised bylaw will enable FNDC to implement water restrictions on water supply schemes, in preparation for or times of drought. IAM staff will continue to work with SPP staff across the first half of 2021 to create the recommended revised bylaw.
On-site water storage options paper	On-site water storage has been suggested as a possible solution to improve the resilience of the district's water supply schemes. SPP staff, with support from IAM staff, have 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 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.

## New Connections and FNDC Consent Review

Activity		December 2020	YTD '20	YTD '19	
Applications for new Water and Wastewater connections		6	50	49	6 requests to connect to Council water and wastewater services were received in December 2020. Year to date Council has received 50 applications (compared to 53 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	35	335	184	IAM's development engineer and consents technician review all consents and provide comment on how to minimise/mitigate impacts on Council infrastructure.
LIMs Assessed	All	117	1032	719	IAM's consents technician input into Land Information Memorandums by completing soil reports and assessing development contributions.



# 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. This was positively received by Northland Regional Council, who has been working closely with the Far North Waters operations team and the Compliance over the course of the past few months. It is estimated that by the end of January, an application to withdraw the current abatement notice will be submitted.

### ***Recruitment – Project Manager - Drinking Water Assessments***

Also linked to the programme of works under the Crown's Three Waters reform package is the recruitment for a Project Manager primarily focused on developing and implementing Far North District Council's Water Safety Plans. This role will manage the development, implementation, and ongoing surveillance regime of approved Water Safety Plans, develop strong relationships with water supply operators, local and regional authorities, the Northland District Health Boards, and other relevant agencies. This role's main function is also to support the Infrastructure Compliance Lead as well as the Team Leaders of Asset Management and Infrastructure



Planning to develop future investment requirements and improvements to maintain standards. Successful appointment will hopefully be announced by 15 February.

**Positive winter 2020 macroinvertebrate monitoring results for Waioitemarama and Petaka streams**

In accordance with the resource consent conditions for the water take permits in both the Waioitemarama and Petaka streams which Far North District Council hold is the undertaking of macroinvertebrate monitoring on a biannual basis. The purpose of this monitoring is to ascertain the long-term effects of the take on macroinvertebrate communities and water quality. Since 2013, Far North District Council has commissioned Wildland Consultants Limited to undertake this sampling.

Various hydrological and ecological criteria is recorded at each of the sampling points, such as:

- Water depth
- Composition of channel substrate
- Water flow rate
- Riparian vegetation
- Flow conditions
- Channel morphology

*Results – Aquatic habitats and macroinvertebrate communities*

Twenty-three aquatic macroinvertebrate taxa were recorded throughout all monitoring sites at Waioitemarama stream and twenty-two recorded at Petaka. The community compensation results are listed below in Figure 1 and Figure 2. The lower the percentage score represents the greater the tolerance of poor water quality.

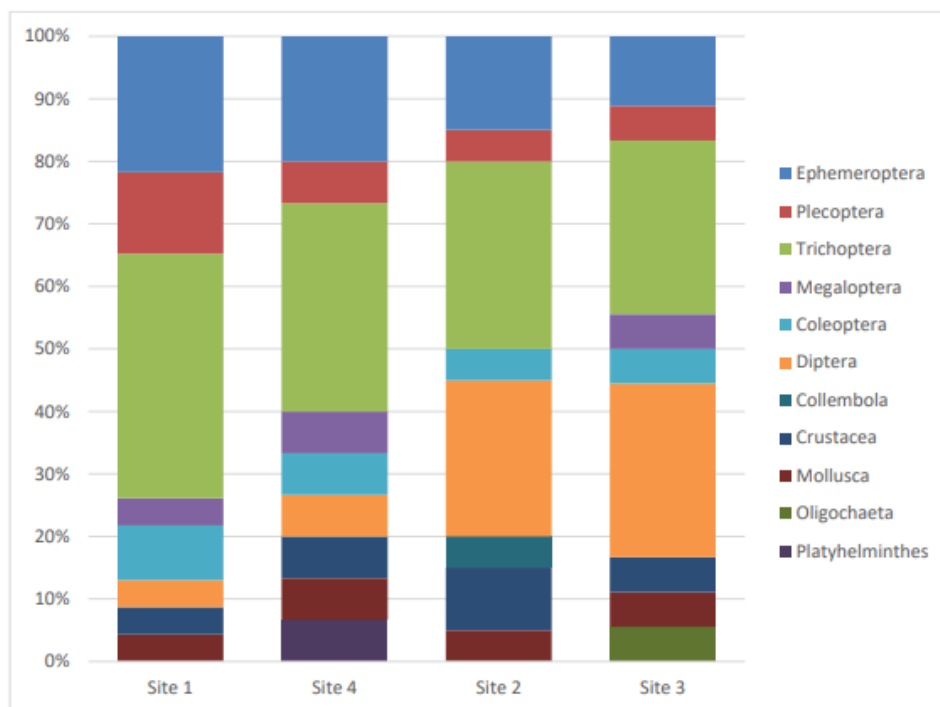


Figure 1. Figure 2. Macroinvertebrate community compensation (%) - Waioitemarama

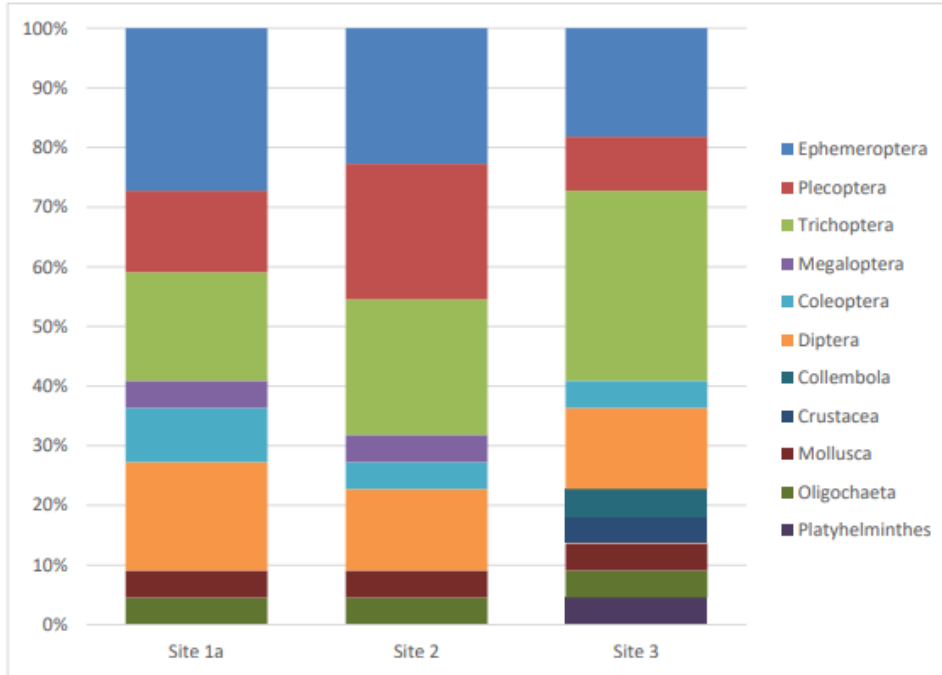


Figure 2. Macroinvertebrate community compensation (%) - Petaka

### Summary

This past winter’s testing results demonstrated ‘excellent’ water quality properties and would indicate that for the monitoring round of winter 2020, there were no detectable adverse effects on the environment as a result of the water take permits on aquatic macroinvertebrate communities in both the Waitemarama and the Petaka streams.

### 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.





























In anticipation for these regulatory changes, early discussions are being held regarding a working group to be established between Far North Waters and FNDC with regards to preparing a monitoring strategy and program. Further details will be provided in next month’s 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>	<p>Short term: aerator and desludging have improved E. coli readings, re-fencing of wetland area completed November 2019, wetland refurbishment costs to be input into next LTP. There has been an 'Issues and Options' plan which has been commissioned and an update will be available in January's report.</p> <p>Long term: engagement with the Community Liaison Group continues to try and find an acceptable upgrade solution before next LTP and alongside the consent renewal.</p>
	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.
	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>	Kerikeri WWTP required to be commissioned and operating on/before 30 November 2020 to meet requirements of this abatement notice. FNW is on target to meeting the 30 November deadline of handover and completion which will satisfy the requirements under the conditions imposed by the abatement notice and subsequent withdrawal.

WATER AND WASTEWATER RMA COMPLIANCE REPORT – DECEMBER 2020

Sites	Asset Group	November Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kaitaia					Condition 7 – Unaccounted for water loss	A leak detection program will be developed from results of monitoring to address Unaccounted for Water Loss in early 2021.
Kaikohe					Compliant	
Kawakawa					Compliant	
Kerikeri					Compliant	
Okaihau					Compliant	
Opononi					See Comments	Waiarohia Stream take: The planning of the reinstatement of gravel along the stream bed is underway. Waiotemarama Stream take: A 'Macroinvertebrate monitoring in the Waiotemarama Stream' report has been completed and submitted to Northland Regional Council on 10 December in accordance with the requirements under the resource consent conditions.
Paihia					Compliant	THM levels were over 50% of MAV in December
Rawene					Condition 12 - volume supernatant discharged to Pioitahi Stream	The FNDC Infrastructure Compliance Lead will investigate the viability of using calculations for compliance purposes. This will be actioned in 2021 There were no records of high turbidity during the month of December.
Russell					Compliant	
Ahipara					Condition 10 – Faecal Coliforms Condition 2	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. These results are being investigated by the Far North Waters (FNW) 3 Waters Engineer which will be discussed during the January FNW Compliance meeting
Hihi					Compliant	The project to upgrade plant is in its initiation phase. A flow meter has been installed on the outlet of the constructed wetland. DWF Status: Compliant
Kaeo					Compliant	
Kaikohe					Condition 7(h)	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 January's report. DWF Status: Compliant
Kaitaia		X			Compliant	The 'Kaitaia Wastewater Network Improvement Plan' (overflow project) has been completed and awaiting adoption. A status update will be provided in January 2021. DWF Status: Compliant

Sites	Asset Group	November Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kawakawa					Compliant	
Kerikeri		X			Condition 8 – TSS, CBOD, TAN, E.Coli	The plant has operationally been handed over to FNW and regular sampling is taking place demonstrating compliance. Stage 6 Commissioning is still underway. There will be discussions with Northland Regional Council in January to discuss the withdrawal of the current Abatement Notice. The 'Ecological Monitoring Discharge' has been completed by Wildlands Consultancy Limited and submitted to Northland Regional Council as part of the Resource Consent condition requirements. DWF Status: Compliant
Kohukohu					Compliant	DWF Status: Compliant
Opononi		X			Condition 19 - TAN, E.Coli	An 'Issues and Options' report has been commissioned which has identified recommended upgrade options and to address the E.coli and TAN levels. The preferred upgrade strategy will support the resource consent renewal application. This is still underway. DWF Status: Compliant
Paihia			X		Condition 9 – NH4 – N Condition 13 - pH	A performance and report and long-term solution proposal has been finalised which has now been sent to FNDC Asset Management and Project Delivery for approval. Further update will be provided in December's report. In the short term, the planned daily chemical dosing to adjust the alkalinity so that it falls within compliance began on 6 November. DWF Status: Compliant
Rawene					Compliant	DWF Status: Compliant
Rangiputa					Compliant	DWF Status: Compliant
Russell					Condition 9 - infiltration efficiency report Condition 8 - land instability report	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 alongside the January 2021 report. 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.
Taipa					Condition 2 - discharge to ground	Continuing to operate under original resource consent conditions until the Environment Court appeal has been resolved. DWF Status: Compliant
Whatuhihi					Condition 8 – Total Suspended Solids	The Total Suspended Solids (TSS) levels have sometimes been found to be non-compliant at the marsh discharge point. The FNDC Infrastructure Compliance Lead has initiated conversation with NRC resource consents team to enquire about a variation to the current consent with regards to TSS limits which is scheduled to be early 2021. DWF Status: Compliant

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

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

- Continued work on the 3 Waters and District Facilities LTP
- Combined Asset Management Plan (AMP) for 3 Waters and District Facilities
- Implementation of the new Asset Management System (AMS) - IPS (INFOR)
- FY20/21 Capital Works Programme and scope delivery thereof and;
- Significant work on the template required as part of the 3 Waters DIA RFI response – due in on 01 February 2021

The Asset Management team continues to support the new Compliance Lead with embedding knowledge and relationship building with the team as well as with our Alliance partner FNW.

The team are working alongside the Infrastructure Planning team with contributing detail from the AMP for the 30 Year Infrastructure Strategy, and vice versa, to support the Long-Term Plan, including the Capital Programme development.

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

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

The team are now on standby for auditors coming in w/c 18 January to 5 February 2021 to audit the LTP Capital Programme submission, consultation document and 'draft' combined AMP.

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.
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.
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 February 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.
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 February 2021.
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 end of December 2020. A report, with options and preferred option, will be presented to Infrastructure Committee (IC) meeting in February 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. And, due to the current appeal we don't know what this will entail at this stage. <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') won't be possible until September 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

December saw preparations being put into place for the increased levels of services across the district required for the peak summer season. This put considerable pressure on all within the DF Team as well as their contractors as all indicators point towards an incredibly busy holiday and summer season. This is due to the increased domestic tourism market and a heightened focus on the Far North as a prime destination of choice.

The Kaitiaki Ranger program has the new Te Hononga site, in Kawakawa, as the visitors “Gateway to the Far North” to help set the scene and provide valuable information to our visitors. This is then reiterated through the Rangers in locations such as Russell & the Karikari Peninsula using a handout flyer and conversations with visitors.

The Te Tai Tokerau Worker Redeployment funding initiative continues to track well, and this team were able to be utilised in the busy build up to the Xmas break.

Areas across the district continue to be considered and added to The Wildling Pine removal funding in areas of Council owned land.

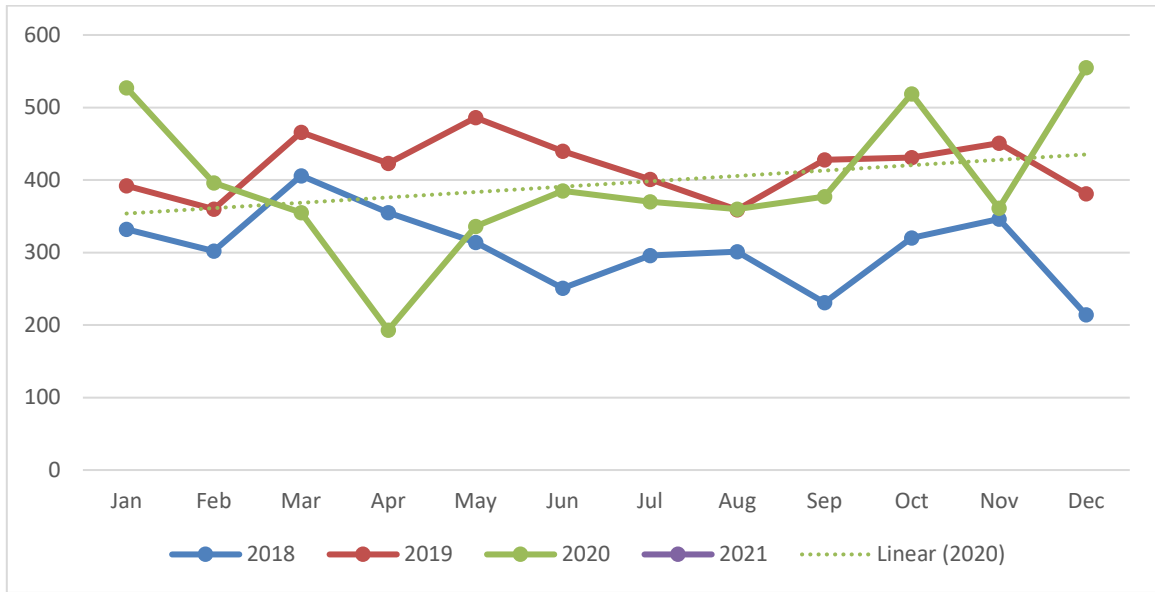
MBIE Flood Relief Funded projects have been scoped with some being handed to the Roading Team and possible to David Clamps Project Team to deliver. The remainder of the projects will be delivered by the DF Team amongst their already busy schedules.

We are receiving and investigating increasing numbers of encroachments issues on Council land affecting mainly Council parks and reserves, esp. esplanade reserves.

# CUSTOMER EXPERIENCE PROGRAMME

Monthly District Facilities RFS numbers are:

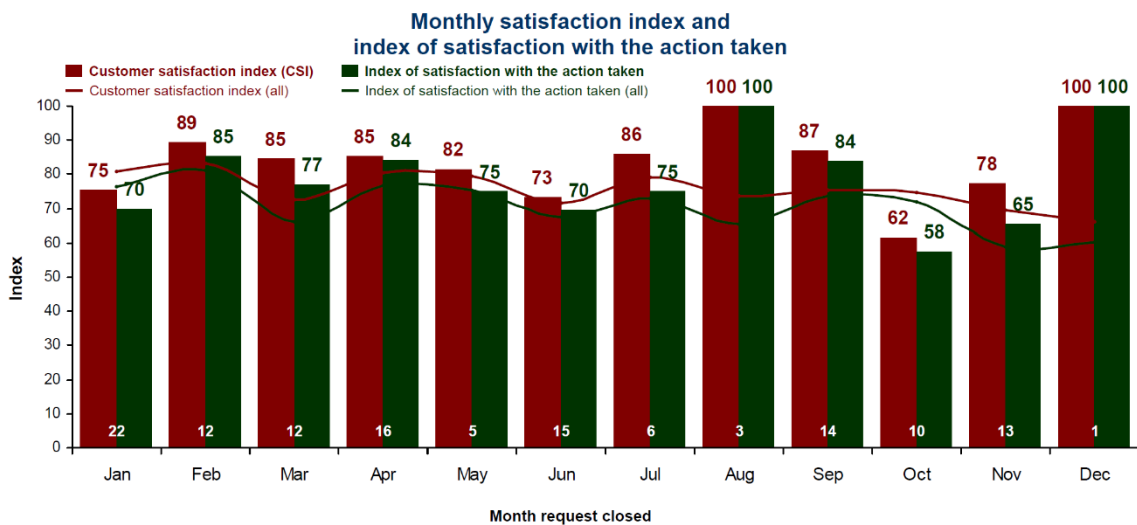
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<b>2018</b>	332	302	406	355	314	251	296	301	231	320	346	214	3688
<b>2019</b>	392	360	466	423	486	440	401	359	428	431	451	381	5081
<b>2020</b>	527	396	355	193	336	385	370	360	377	519	361	555	4734



District Facilities – Monthly RFS numbers

Monthly performance trend by Request Type Department

## District Facilities



Number of responses included per month (shown in white)  
(N.B. Findings should be interpreted with extreme caution where the number of monthly responses is low)

Source: CTMA's ongoing customer experience measurement programme (for period ending 31/12/2020)



## HEALTH AND SAFETY

### Recreational Services

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

### OCS (Cleaning contractor for Council buildings)

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

### Waste Management (Southern RTS)

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

### Northland Waste (Northern RTS)

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

#### Non-serious harm:

- Staff member received Sprain/Strain to left Shoulder when throwing fadges into container – No first aid, no RICE applied

### Broad-spectrum (Russell RTS and landfill)

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

### CBEC Eco Solutions (Waste education contract)

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

## CBEC (Swimming Pools - Kaitaia, Kaikohe and Kerikeri)

Kerikeri Numbers								
Accident Type	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	
Near miss								
Non serious harm.		3	6					
Serious harm								
LTI								
Vehicle / Machinery accident								

### Non serious harm

- 01/11/2020. Female change room door slammed shut on girl's foot, cutting it, has been adjusted, it is very heavy for young patrons. Suggest we get these doors replaced, as they have been adjusted many times. Unresolved.
- 11/12/2020. Child cut heel on stone. Swept area. Heel plaster given. No further action required.
- 09/12/2020. Toddler banged head on side of pool. Ice pack and choc treat given. No further action required.
- 20/12/2020. Stubbed toe on uneven concrete. Band Aid applied. Concrete deemed ok. No further action.
- 12/12/2020. Child banged head while playing in pool. Pressure applied. Taken to doctor by parent. No further action.
- 27/12/2020. Girls change room door swung shut and cut the back of her heel. Still unresolved.
- 30/12/2021. Child running to jump off lower dive board, slipped and fell on pool edge. No further action.

Kaitaia Numbers								
Accident Type	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	
Near miss			3					
Non serious harm.								
Serious harm								
LTI								
Vehicle / Machinery accident								

### Non serious harm

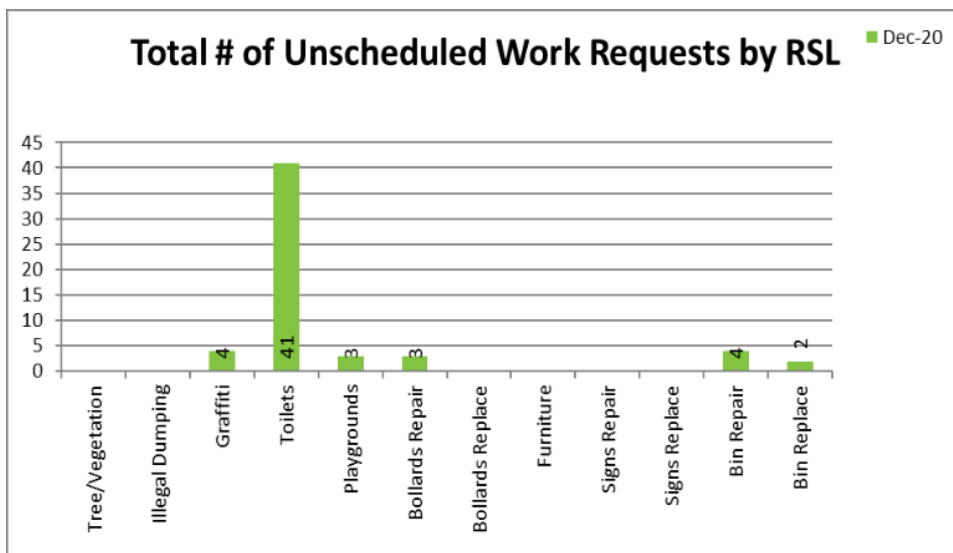
- 05/12/2020. Two boys banned for not exiting dive pool when it was closed.
- 14/12/2021. Suspicious character giving children ice-cream through fence, sent on his way.
- 19/12/2021. Faecal incident

Kaikohe Numbers								
Accident Type	Oct'20	Nov'20	Dec'20	Jan'21	Feb'21	Mar'21	Apr'21	
Near miss			1					
Non serious harm.		1						
Serious harm								
LTI								
Vehicle / Machinery accident								

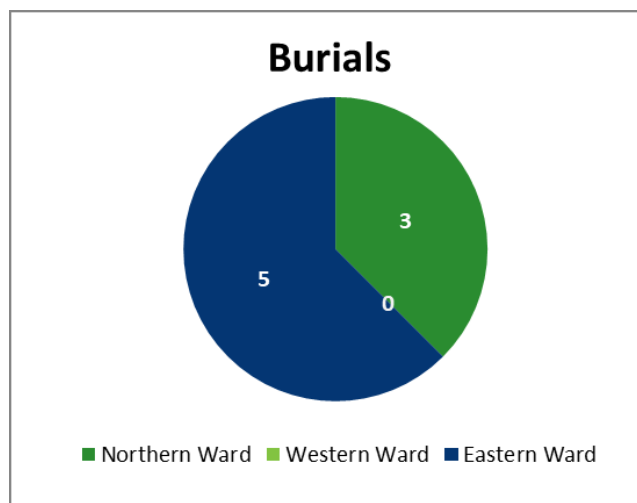
Non serious harm

- 30/12/20. Paralyzed gentleman unable to exit pool, Mobile hoist required, suggested he contact social organizations for funding

### RECREATIONAL SERVICES



Number of unscheduled works requested by RSL

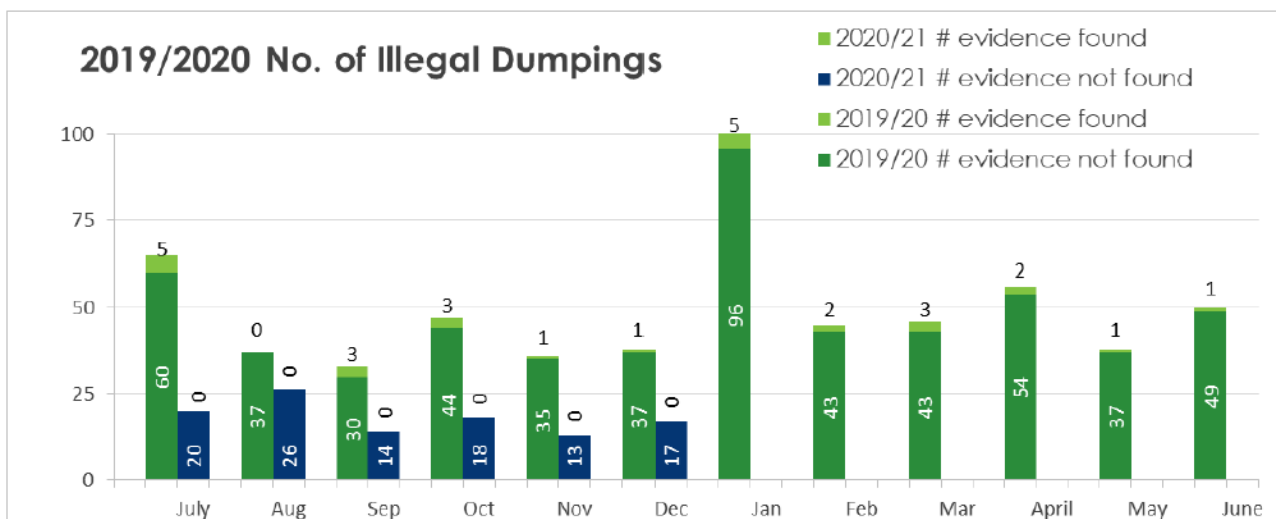


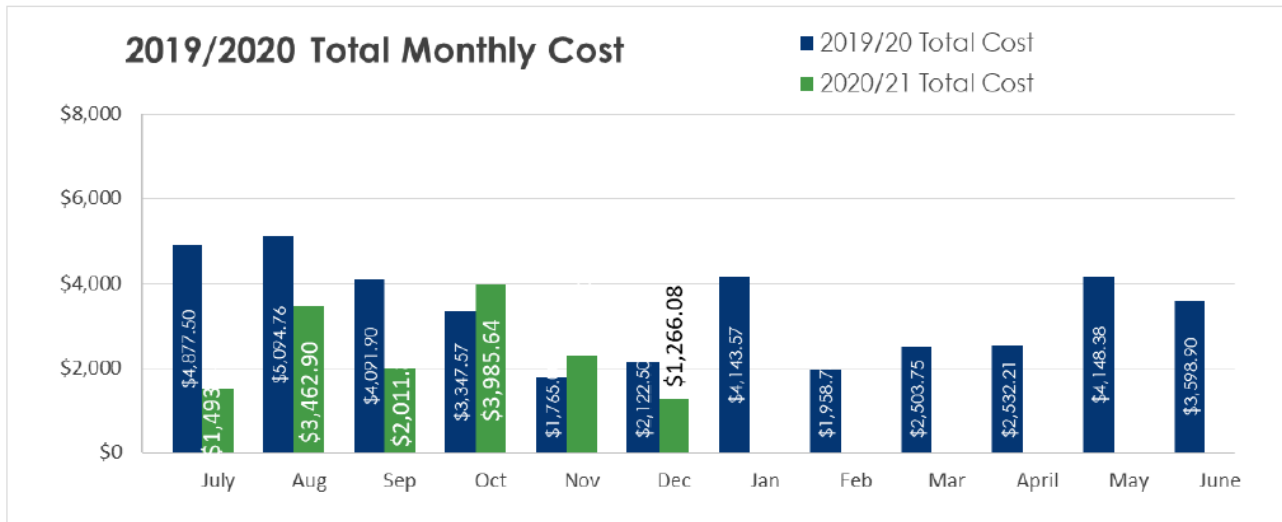
Number of burials at Council public cemeteries

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

RSL Litter volumes disposed of at Council Transfer Stations

## ILLEGAL DUMPING (RSL)





### RSL Audits

2020	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec`
Met	15	7	NC	NC	6	4	14	NC	16	10	6	0
Not met	0	0	NC	NC	2	1	2	NC	0	2	0	0
Non-performance Notice	0	0	NC	NC	0	1	0	0	0	0	0	0

Table 1: YTD audit results

December 2020 AUDIT DETAILS	Met	Not met	Non-performance notice	Not met comments
Reserve mowing	0	0	0	
Edge control	0	0	0	
Playground	0	0	0	
Cemetery	0	0	0	
Toilets	0	0	0	
Litter and Town Maintenance	0	0	0	
<b>CONTRACT AUDIT</b>				
Unscheduled	0	0	0	
Contract	0	0	0	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	

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

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



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

*Town Maintenance Pavement Cleaning Schedule as per Contract*

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

## PARKS AND RESERVES

### Lindvart Park, Kaikohe

Security patrols over summer are being considered with plans to look at more robust fencing solutions. The bits which have been cut are the old, weak parts of the original council fencing.

Sportsville are hoping to work with the Community Board to find a suitable place for Moto X in Kaikohe to alleviate Lindvart Park from the issues being experienced

### Jaycee Park – Kaitaia

Liberty Swing was installed just before Xmas. Due to a malfunction to one part of the swing which could pose a safety issue the swing could not be used over the Xmas period and has had to remain off limits to the public.

A basketball court was also installed at Jaycee Park just before Xmas, but the contractors were not able to erect the basketball hoop in time so safety fencing remained in place. Basketball hoop installed the week 5/01/2021 and safety fence removed.

### General

Freedom Campers on Council reserves – five complaints were received, between the Xmas and New Year, concerning a group of vehicles with tents camping on Council Reserves. Their camping trip started at Tauranga Bay, moved onto Taipa and finally to Rangiputa.

## PLAYGROUNDS

### General

Softfall within most of the playgrounds in the district are low and requiring top ups or full replacement. The contract frequencies for playground inspections and releveling of softfall is set at monthly however this is not enough with most other Councils frequencies set at weekly or biweekly. Existing budgets do not meet current requirements for the extent of the softfall required and unbudgeted expenditure is likely to be needed to ensure compliance on all playgrounds.

## TREE MANAGEMENT

Various large Japanese Sheoak trees needed to be removed by Northland Tree-works situated on a Council walkway on Pa Rd Kerikeri as they were posing a threat to the Pagoda lodge. One of the stand came down in high winds narrowly missing the lodge and its guests.

These trees are showing signs of rot and decline possibly due to historic earthworks / soil level change.

### **Twin Bowl Kauri – Russell**

Meeting with Department of Conservation this month held onsite to discuss options to ensure the significant Kauri are protected from Kauri Dieback. These trees are within the road reserve and may need to be registered as notable trees. The road is very narrow so the installation of culvert barricades could eliminate an option for visitors to stop and park hence reducing the potential of spreading the disease. Conversations with the roading team are in motion to erect barricades. No word from the Roothing Team on the progress of this works.



*Twin Bowl Kauri Location, Russell*

## CEMETERIES

No issues or concerns noted this month.

## PUBLIC TOILETS

Toilet cleaning frequencies were increased for some of our toilets from 20<sup>th</sup> December through to 10<sup>th</sup> February 2021.

Due to the closure of the Mangamuka Gorge, Community Member Board Bruce Mills requested that the Kaeo Public toilets receive a twice daily clean to deal with the influx of visitors. Unfortunately, due to staffing issues, Recreational Services could only increase the toilet cleaning frequency to 5 days a week.

### **Northern Ward**

Repair work to the toilet block at Whatuwhiwhi, Perehipe Bay, caused by vandalism (vehicle vs toilet block) was completed in time for the Xmas period.

## **Klinac Lane, Waipapa**

The issue with the Body Corp's sewerage treatment plant servicing these public toilets continues. The issues associated with this notice are the responsibility of the Body Corp to remedy however we have been required to pump out the toilet holding tanks over the Xmas period to ensure uninterrupted service to the toilets. There is a TIF funded project awaiting building consent approval to remove the public toilets from the Body Corps treatment plant and install an independent Council owned Onsite Wastewater management system.

### **General**

COVID QR codes are still in place over the majority of our public toilets across the district.

### **Peak Season Second Serves.**

All peak season second serves and portaloos, including a new site at Te Uenga bay out towards Rawhiti, are now in place to help with increased visitor numbers.

## **ENCROACHMENTS**

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

Te Hue Bay –An agreement is currently being signed to include an existing slipway and picnic area on reserve land as community assets. A boat slipped on the reserve, as part of this encroachment, has been requested to be removed by the end of the summer period. Staff continue to monitor the progress of this and to date the owner has been proactive and helpful.

A dispute between a property owner and an owner of a dinghy, which is being stored on a Council reserve at the end of Wharau road, is ongoing. Discussion have been had with both parties and a coordinated approach is being sorted to ensure all members of the community feel free to access and utilise the reserve.

Several issues in the Te Wahapu area of Russell continue to progress.

## **2019/20 MBIE TE TAI TOKERAU REDEPLOYMENT FUND**

A large amount of work across the district on parks and reserves have been completed using this funding stream. The following are programmed for completion;

- mulching projects in Kerikeri,
- New list of other noxious weed projects in Kaitaia has been provided
- Noxious weed growth in coastal areas targeting weeds,
- Follow up work in all areas to spray any new growth

## **2020/21 MBIE FLOOD FUND**

District Facilities secured approx. \$500k to go towards resolving a number of areas that were affected by the recent flood event and other weather events. The areas involved include:

Scopes passed to the Roding Team to action on DF's behalf include

- Kaka Street ramp
- Moerewa (vacant section) between Otiria Road and Ranfurly Street) – full clean of site

Scopes passed to the PGF Project Team to action on DF's behalf include are still awaiting confirmation of acceptance

- Kaeo Service Centre – stormwater remediation work

- Opononi/Omapere foreshore erosion and vehicle access controls

Various Scopes to be managed by DF team

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

## 2020/21 MBIE RESPONSIBLE CAMPING FUND

District Facilities has successfully secured \$249k again that will be used to run another lot of Kaitiaki Ranger programmes and the cost to operate these programmes and provide temporary toilet services. These programmes are run in conjunction with DOC – Kaitaia and NRC and will be based at:

- Karikari Peninsula
- Ahipara
- Kaimaumau
- Te Hononga, Kawakawa (new 'gateway to the north')
- Russell (new)

Temporary toilets are provided at:

- Unahi Wharf
- Lake Manuwai
- Rangitane Reserve
- Rawhiti

## SOLID WASTE

**FNDC Solid Waste Services**

**Waitangi Community Recycling Centre**

An agreement, in principle, has been reached with Te Tii Trust to establish a community recycling centre on the trust’s land in Waitangi. The nearest recycling facility is approximately 20 minutes' drive away in Whangae. Waste Management have provided a schedule of prices to operate and service the facility. The proposal is with FNDC management awaiting approval.

**Ahipara Landfill leak**

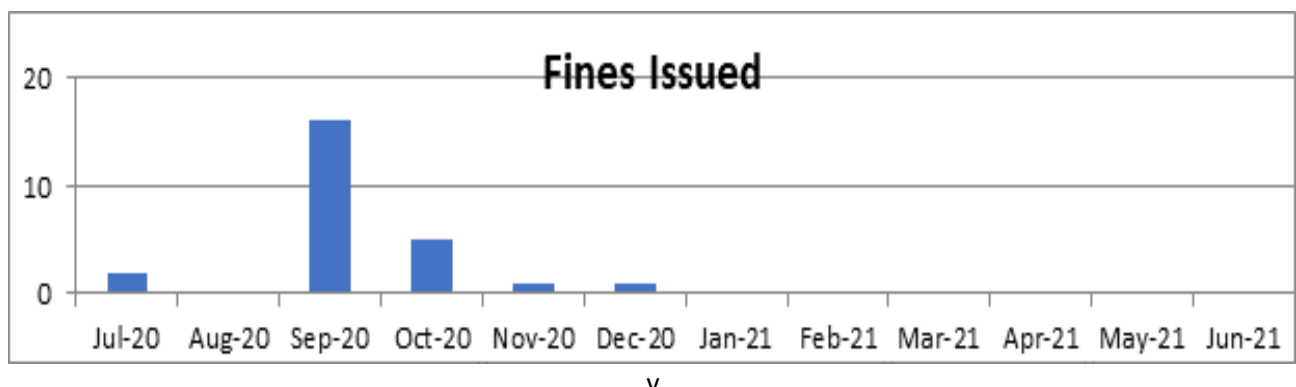
The Ahipara landfill has developed a slow leak at the northern end. The “patch” of imported then compacted clay has held over the Christmas break with no seepage observable in the New Year, however this is not the end of the problem. We still need to investigate the source of water ingress as the leachate level in the landfill is too high. The landfill liner is essentially designed like a shower tray (the bund height is only 600mm) with clay capping (“roof”) over the rubbish to shed stormwater. The leachate level within the landfill is well over the lip of “shower tray” and the seal between the capping and the liner is all that is retaining the leachate. The landfill is not designed to work this way so we need to look into slowing water ingress and reducing the leachate level.

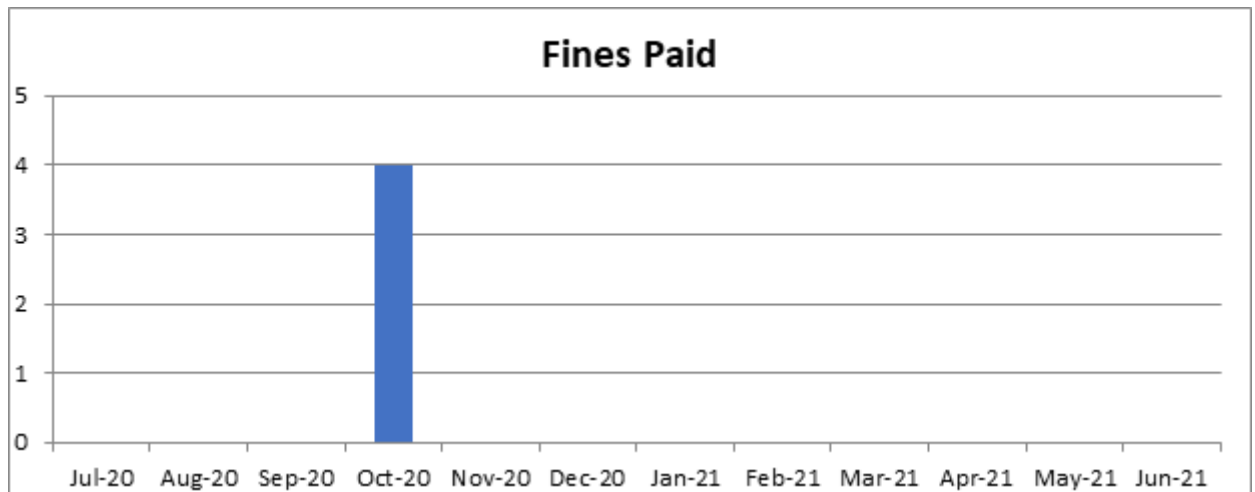
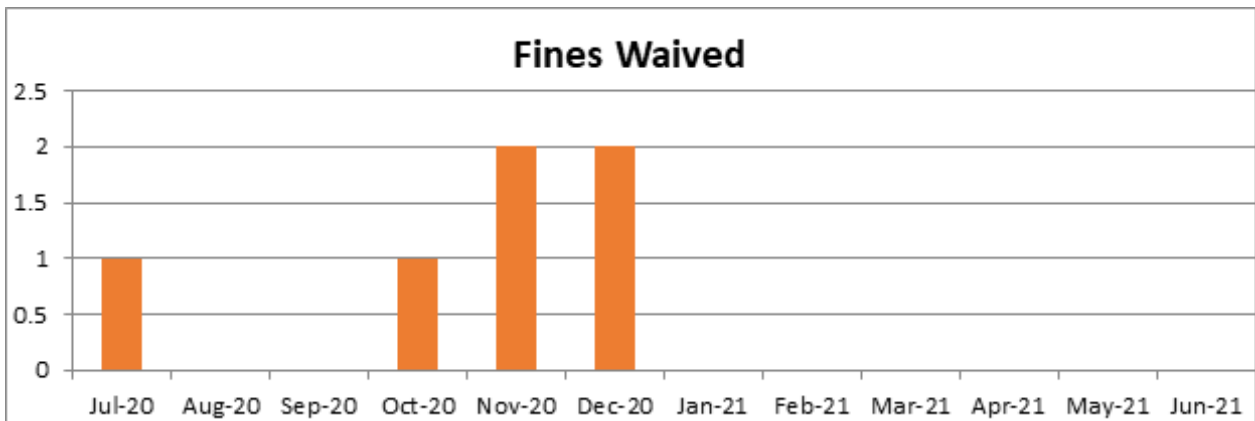
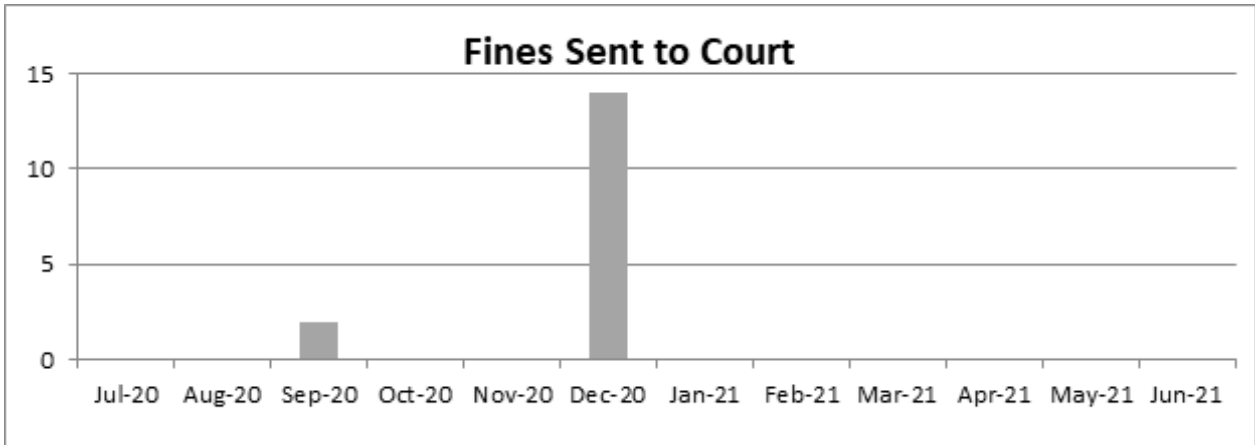
**Clear Glass Acceptance**

We were notified on December 15<sup>th</sup> that Visy’s recycling facility (the only outlet for glass recycling in NZ) will be stopping deliveries of flint (clear) glass cullet from 16 December 2020 to 17 January 2021. Staff arranged for the temporary use of Northland Regional Council land with suitably bunded storage bays for the storage of glass during this shutdown period. Glass acceptance at Council facilities continued unaffected over the Christmas/New year period.

**LITTER INFRINGEMENT ACTION**

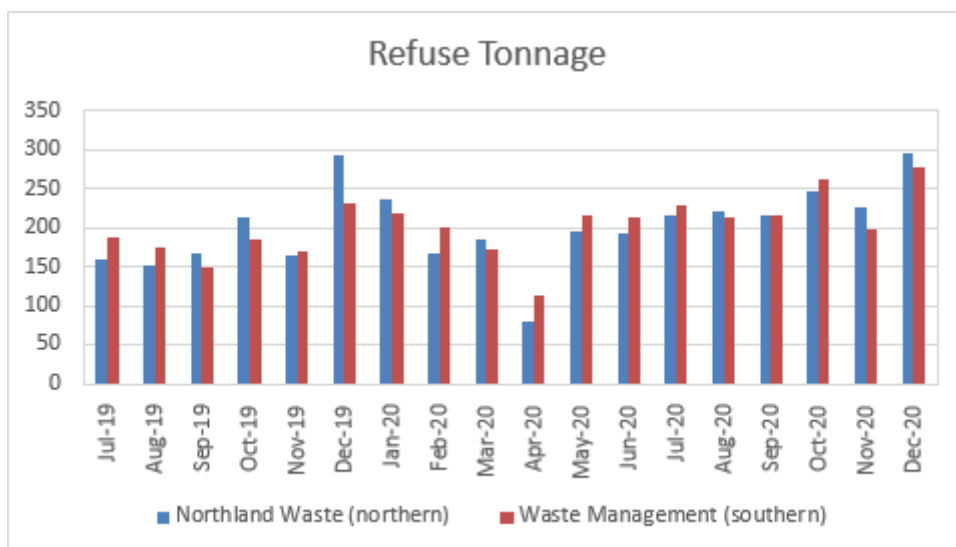
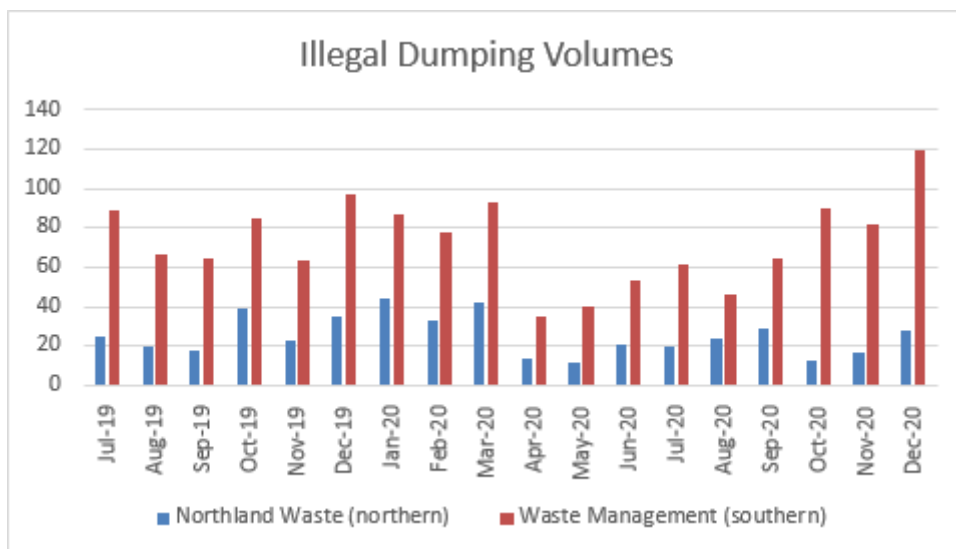
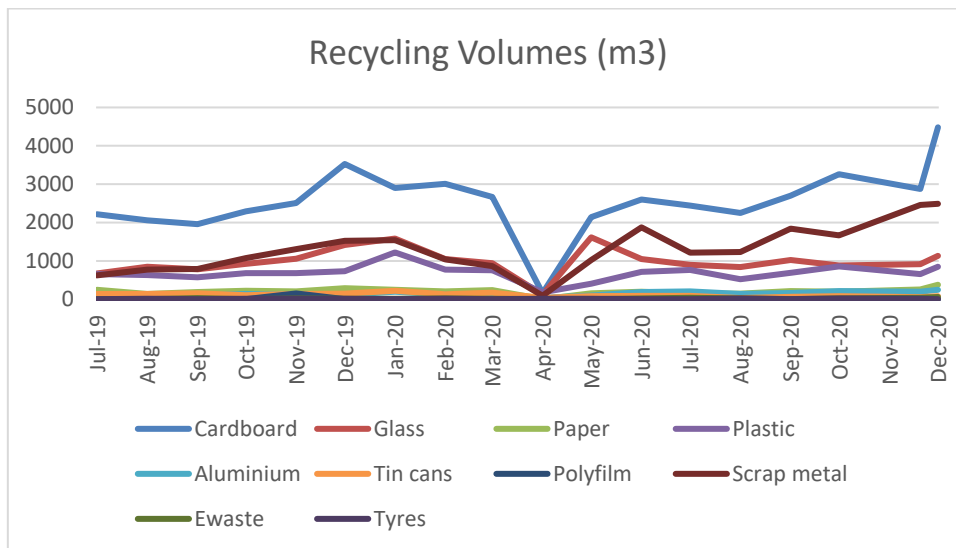
Month	Offence Details	Notice Number	Offence Date	Offence Type	Status	Balance	Location Details
December	RFS 4033650	5193	11/12/2020	Deposited litter in / on public place \$400 >120L	Issued	\$400	Kiel Martin Tureia, Memorial Ave, Kaikohe 0405





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





## ECO SOLUTIONS WASTE MINIMISATION EDUCATION

### December

The festive season is approaching yet EcoSolutions has been keeping busy...

**Events:** our educators assisted the Kaeo and Kaitaia Christmas Parades with recycling lids, signage and community education around what is and isn't recyclable through conversations with the community around the zero waste kaupapa.

Event recycling is a clear message to the community that waste minimisation is now part of every celebration.

**Schools:** Lessons were delivered to children from Ohaeawai, Riverview, Doubtless bay & Kaeo schools making reusable bags as Christmas presents and swim bags. Room 7 from Kaeo school made bags to take all the excess fruit home for their whanau. Riverview finalised their paper making which has been made into Christmas cards for the parents.

Doubtless Bay Kindy made beeswax wraps for their Zero waste lunch kaupapa, bringing the message home that looking after Papatuanuku is the norm.

**Businesses.** Ākau in Kaikohe are awarded another Gold EcoStar award for their recycling efforts.

All EcoStar businesses have been approached and reminded how to have a low waste xmas.

**Community:** The beach clean-up in Taipa was a great success.

A roadside clean up in Kaitaia has been co-ordinated for the end of the month.

We have been running weekly zero waste xmas present and decoration workshops throughout the region.

Thanks to funding from the MFE for EcoStar we welcome a new educator based in Pakaraka this month, Roze Webster will increase our coverage in the lower FNDC region. Sharee Cawley also joined the team recently in Doubtless Bay. Thanks to the additional MFE funding we now have four part time environmental educators spread throughout the FNDC, and one more starting next year! This will enable us to reach more schools and businesses.

### Coming up

We have initiated a call to arms for a clean-up at Rawene intersection, as well as a community action on how to keep the area clear from dumping. We will be co-ordinating with Te Hiku Timebank and the local schools on this.





We have confirmed funding from MFE for an infrastructure project; Community Compost Connection, which will implement 12 small scale compost collection hubs as well as mentoring 1200 households to compost over the next three years, we will be seeking additional funding to increase the scope of this game changing project.

**Online content:**

For online information on EcoSolutions activities and posts please check out:

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

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

## SWIMMING POOLS

All three pools are open for the 2020/21 Summer season.

The Council has continued to provide financial support to the Ministry of Education owned pool at Northland college to ensure that the pool could open for the Christmas Holiday period.



*Northland College Pool, Kaikohe, over Xmas break*

### **Kaikohe Pool**

Given the indeterminate nature of the leak in the Kaikohe pool it was decided to opt for a quick, short term repair to the pool surface which would allow other sources such as the sparge pipe to be eliminated.

Council agreed to pay for a check meter which will monitor ongoing water usage at the pool, allowing leaks to be identified quickly.

Major Works carried out at Kaikohe this month:

- Pressure wash and prepare pool surface prior to pool repairs,
- Repairs to pools structure,
- Repairs to concrete walkways to meet health and safety requirements,
- Maintenance and subsequent repair of chlorine pump.
- Repair leak in pump shed roof.
- Water check meter installed.
- Ballcock in balance tank replaced.
- Fix entry ladder to pool

Planned works:

- Investigate leak to waste valve.
- Replace Mains switchboard.

### **Kerikeri Pool**

The dive board was repaired early December and has enjoyed much use.

A minor health and safety incident occurred due to one of the changing room doors. KKHS have indicated that they have no money in budget for such repairs, but it should be addressed to prevent further injury.

Planned works:

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

### **Kaitia Pool**

Council have been notified of incidents where customers have deliberately tried to breach the child to supervising adult ratio with the potential of putting children in their care at risk. These cases have been dealt with by the lifeguards/pool management as they have occurred, but it seems to be a worrying trend. Plenty of signage exists around the pools and customers are advised of the requirements on entry. Hapori intend to use their social media platforms to get the message across.

Works carried out this month: Replaced 2 security lights, old ones had rusted through.

Toilet and shower repairs completed as required

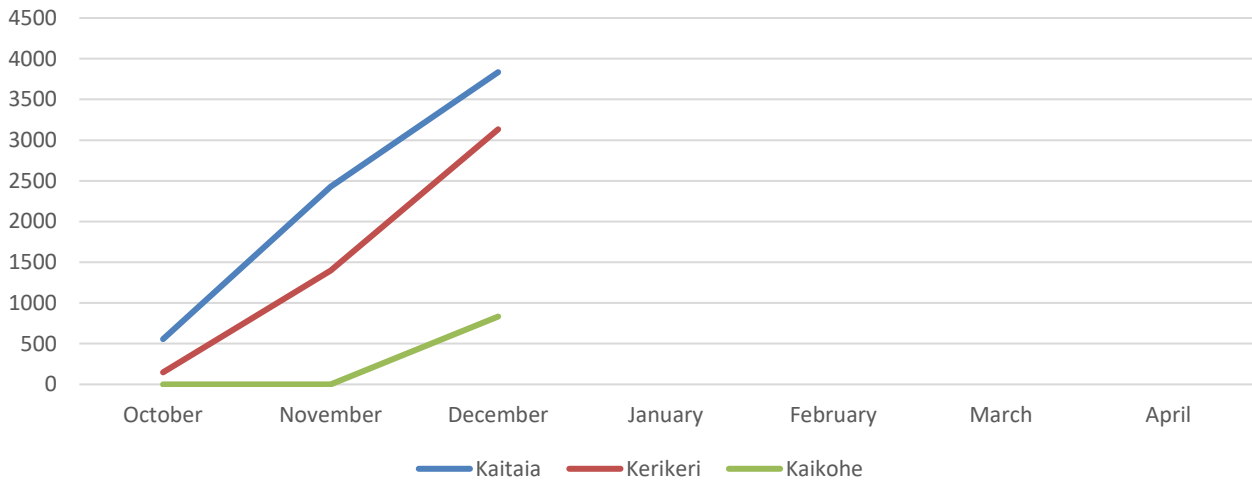
### **ADMISSIONS**

<b>KERIKERI</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan '21</b>	<b>Feb</b>	<b>March</b>	<b>April</b>
<b>Entries</b>	36	221	865				
<b>Concessions</b>	62	587	1206				
<b>Under 5</b>	10	71	234				
<b>Super A</b>	13	106	133				
<b>Spectator</b>	27	329	535				
<b>Lane Hire</b>		85	160				
<b>Event Hire</b>			0				
<b>School</b>			0				
<b>Total</b>	148	1399	3133				

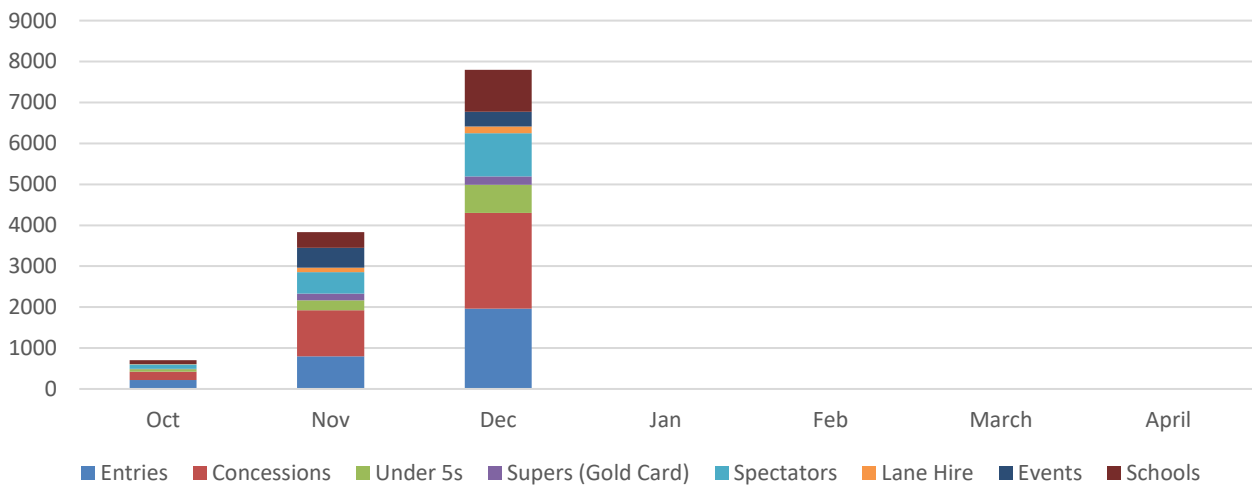
KAITAIA	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	182	577	787				
Concessions	144	541	845				
Under 5	48	169	340				
Super A	1	58	51				
Spectator	80	196	421				
Lane Hire	8	26	0				
Event Hire		482	362				
School	93	381	1029				
Total	556	2430	3835				

KAIKOHE	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries			310				
Concessions			290				
Under 5			116				
Super A			18				
Spectator			99				
Lane Hire			0				
Event Hire			0				
School			0				
Total			833				

Total Admissions 2020/21



Total Swimming Pool Attendance by Type



**REVENUE**

KERIKERI	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$268	\$2,323.00	\$5,575.00				
Pool Hire		\$622.50	\$936.75				
Shop		\$54.00	\$83.00				
<b>Total</b>	\$268	\$299.50	\$6,621.75				

KAITAIA	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$347.82	\$3,272.00	\$4,451.00				
Pool Hire	\$330	\$3,725.00	\$4,545.00				
Shop	\$18.20	\$205.60	\$319.00				
<b>Total</b>	\$696.02	\$7,202.60	\$9,315.00				

KAIKOHE	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate			\$1,517.00				
Pool Hire							
Shop			\$12.00				
<b>Total</b>			\$1,529.00				

	Oct	Nov	Dec	Jan '21	Feb	March	April
<b>TOTAL</b>	\$696.02	\$10,202.10	\$17,465.75				

## 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								
Kaikohe Headquarters – Annex and upstairs	96.7	96.9								
Kaikohe Headquarters – Publications	96.7	96.9								
John Butler Centre – Level 2	97.6	97.6								
John Butler Centre – Level 1	98.2	97.6								
John Butler Centre – Ground floor	97.3	97.5								
Rawene Service Centre	3/M	NA								

LOCATION	Nov '20	Dec '20	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Comment
Kaeo Service Centre and Library	3/M	NA								
Procter Library	96.6	97.4								
Paihia Library	96.3	96.5								
Kaikohe Library	3/M	91.9								
Bay of Islands Information Centre	96.9	97.4								
Hokianga Information Centre	3/M	98.0								

### Lake Ohia Community Hall

On-going discussions continue with representatives from the hall committee. The committee have recently installed a 'swimming pool' type fence close to the SH road area as a means to protect children as part of their plans going forward. RSL will be engaged to do a spray of the outdoor area as per the Community Hall's policy.

### Opononi RSA Hall

Discussions continue with the hall committee concerning a number of repairs and maintenance issues with improvement and development ideas being presented by the committee.

### Te Hononga, Kawakawa

The Kawakawa Hundertwasser Trust have been engaged to not only cover the cleaning of the facility including the toilets, new and existing, but they have also secured the mowing of the reserve and looking after the gardens and carpark space to ensure it remains clean and tidy.

Since opening, there have been regular issues with the toilets becoming blocked. This is being monitored to decide whether this relates to an actual plumbing issue, the type of toilet paper is not suitable, users are causing the block, the type of pans installed may be causing the issue or something else.

### Okaihau Hall

Hoskin Civil have provided a condition assessment of this site including issues with paint work that continues to bubble. Contractor to provide quote by end of February 2021. The issue with the blocked stormwater drains have been assessed and a quote received which should see the stormwater drainage connected to the kerbside outlets. Works expected to start in Jan/Feb 2021.

### Horeke Hall

A new Onsite Wastewater Treatment system installation combining the Horeke Housing for the Elderly Village and the Horeke Hall/public toilets to the same system is nearing completion, with a few minor aspects outstanding prior to project handover the District Facilities Team

Unfortunately, the water pump servicing the hall was recently stolen for the second time in approximately a year and a half. The option to moving the pump to a more secure location, under the stage, is to be included in the project to install new water tanks at the hall.

## 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:

	Dec-19	Jan-20	Feb-20	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	2	0	1	3	1	0	1	2	2	0	0
	Northern:		Puckey Ave			Awanui, Oxford Street	Awanui		Puckey		Kohukohu		
	Western:	Rawene				Rawene				Kaikohe, Rawene	Omapere		
Eastern:													
# unit refurbishments progressing	6	6	5	5	4	4	7	7	6	7	6	8	8
	Northern:	Oxford Street					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:	Waima, Kaikohe	Waima Kaikohe (3) Rawene	Waima Kaikohe (2) Rawene	Waima, Kaikohe	Waima Kaikohe (2)	Waima Kaikohe (2)	Kaikohe Rawene, Waima	Kaikohe (2), Rawene	Kaikohe (2)	Kaikohe (3)	Rawene, Kaikohe	Rawene, Kaikohe, Omapere
Eastern:	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa				
# units completed (returned for tenanting)	2	1	2	1	0	0	0	1	1	1	3	0	0
	Northern:	Oxford St		Puckey Ave	Oxford St						Puckey		
	Western:		Kaikohe	Rawene				Waima	Rawene		Kaikohe (2)		
Eastern:									Kawakawa				

### Healthy Homes Regulations

Council's requirements to meet these government regulations are currently being scoped for project delivery.

#### Omapere

HFE project works completed in December work included draft stopping, installation of heating and replacement of remaining wooden window frames with Aluminium.

#### Waima

Due to the ongoing failure of the water sampling at this facility, urgent remedial repairs to the existing water tanks and filtering system have been completed and is expected to last for up to two years. Replacement water tanks, which were procured as part of the recent drought response, may still be required to replace the existing aging concrete tanks.

#### Kaikohe

Quotes have been received to convert bath to accessible shower due to gradual water damage to the bath surround. Contractor to be engaged by end of Jan 2021.

#### Kaitaia - Puckey Ave

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

## LEASES / AGREEMENTS

NOV	To do	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing	Completed this month
Western			Opononi Statue Agreement	JAN: Opononi Bowling Club Lease (new)	OCT '20: RAD Lease - contact had and areas that need addressing have been received.		
			OCT '20 Northland College - Swimming Pool MOU (renew). On hold while focusing on winter programme so pool can open in Dec.	JAN: Hokitanga Coastguard Lease (new)	NOV '20 Rawene Campus MOU with Te Puna o Kupuenuku (potential lessee). This MOU is focused on the relationships (review only)		
				JAN: Hokitanga Treks	NOV '20 Rawene Campus Lease with Te Puna o Kupuenuku (potential lessee). New and needs to align to the MOU and clearly ID roles, responsibilities and liabilities etc.		
Eastern	Kerikeri College - Swimming Pool MOU (review)	AUG '20: Russell Sports Trust Lease (renewal)	OCT '20 Chery Park House - discussions underway to consider future structure of management committees (involves SP&P)	OCT '20: Rolands Wood - signed agreement received from FDRWT. Matter will proceed to the High Court to change over the Trust Deed.	ONGOING: Wai Bay (Doug Smuck)	NOV '20: Whangaroa public toilet water supply agreement with the marina being negotiated.	NOV '20: Various volunteer agreements signed. Report being prepared for presenting to the Community Board. (Volunteer Agreement)
	NOV '20: Bledisloe Domain Agreement - meeting organised with Waitangi Trust in Feb '21 re future use and availability.	SEPT '20: Russell Tennis Club - contacted by Club - discussing need for a formal arrangement	AUG '19: Kawakawa Memorial Library Hall Lease (renewal?)		ONGOING: Kerikeri Sports Complex Lease (new)		NOV '20: Vision Kerikeri Wairoa Stream (Volunteer Agreement)
	NOV '20: Waipapa public toilet agreement (on hold)		NOV '20: 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 year.				
	NOV '20: Pahia Village Green: this year market on hold due to the impact of COVID and no cruise ship visits. NOV '20 Chery Park House - discussions underway with EMs and staff to look at a future structure of management committees				Investigation: * Tauranga Bay - water easement Agreement (new due to expiry)		
Northern	DEC '20: Te Hiku Sports Hub land lease (meeting to be held)	JAN '20: Te Rarawa Rugby lease (new)	ON HOLD (June): Kaitaia Saturday Market Agreement (on hold)	JAN '20: St Johns Ambulance Ahipara Lease (renewal)	DEC '20: Waiotara Reserve - public toilet water supply agreement (new). Update received confirming applicant happy just a few amendments needed	OCT '20: APRI - Unahi Wharf Agreement	
	DEC '20: Mangonui Netball Club. Request to issue a new lease received however relates to the Te Hiku Sports Hub development (meeting to be held)	JAN '20: Hiki Community Centre Lease (new)	JAN '20: Te Kao - public toilet Agreement (new)	JAN '20: Te Kohanga Reo o Houhora Lease (new)	DEC '20: FENZ Karikari 28 Maitai Bay Road (Rob Koops)		
		NOV '20: Kaitaia Plunket Lease - new premises being sought as building found to be unsuitable and in need of major work.		FEB '20: Tumanako o Kaitaia Kohanga Reo Trust (new)			
Other	Far North Holdings - property agreement SP&P to do: * Pahia Village Green Management Plan						

### Volunteer Agreements

Agreements have been sent out to several volunteer groups around the district to work on reserves and / or dune restoration. To date this includes Vision Kerikeri, Russell Landcare and the Kerikeri Walkways group as well as a group led by Ngati Kawa who want to plant the Lily Pond Reserve along Waitangi River and the Kaha Place Walkway Group looking to install a walkway down to the bay on Council land.

#### Whangaroa public toilet water supply agreement

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

#### Cherry Park House

Issues continue to be raised concerning the groups involved with this facility. Ideally a lease is established as this facility does not fit within the current hall strategy. However, this outcome is not likely in the near future. Also, Council has been paying for this facilities power account for a number of years. This matter is being worked through. Options are also being considered around the moving of the pottery kiln from the lower level into a more accessible area.

#### Te Hue Bay, Russell

An agreement has been signed with locals in the bay to include the picnic area and slipway as community assets to be maintained and used by the residents of the bay. The issue of the boat up on the reserve is also being worked through and expected to be removed by the end of the summer season.

# 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.

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

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

Both Ruapekapeka and Ngapipito Roads have experienced delays in commencing physical works on site before Christmas, but they are on track to start in January.



## SUMMARY - DECEMBER

### **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 continues 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, the team can move to section two and so on).

Section 1 was sealed before Christmas and the sealing of section 2 is planned for January.



Sealing and linemarking completed at Peria on Section 1

#### *Ngapipito Road*

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

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

### *Stage 1*

There have been unforeseen delays with consenting and archaeological authority requirements, which have impacted on our ability to commence earthworks and drainage on Stage 1. The archaeological authority has now been granted and required intensive consultation with Heritage New Zealand and DoC to reach an agreement on project outcomes.

We are ready to start once we have the final FNDC consent, which is subject to a signed agreement between FNDC and Te Ruapekapeka Trust. This agreement was on track to be in place before Christmas, however on 16 December Allan Halliday, chairman of the Ruapekapeka Trust, passed away. This is a huge loss to the local community; Allan was passionate about environmental management and working for and on behalf of his marae and iwi in the Northland area.

We are confident that this agreement will be signed off in January.

Subject to finalising the agreement, construction will commence in the New Year, but will stop for the Commemoration event on 3 February 2021.

Stage 1 works will be completed in March.

### *Stage 2*

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

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

## PROGRAMME OVERVIEW

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

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

► Priority 1 Roads Programme Milestones

Deliverable	Original Completion Date	Expected Completion Date	Status
<ul 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	Green
<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	Green
<ul style="list-style-type: none"> <li>Stage 2 design complete</li> <li>Stage 2 construction underway</li> </ul>	31 December 2020	January 2021	Yellow
<ul style="list-style-type: none"> <li>Stage 2 construction complete</li> </ul>	31 March 2021	April 2021	Yellow
<ul style="list-style-type: none"> <li>Final completion of surfacing MSQA reporting and monitoring paperwork</li> </ul>	30 June 2021	June 2021	Green

► Ruapekapeka Road Programme Milestones

Deliverable	Original Completion Date	Expected 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	Green
<ul style="list-style-type: none"> <li>ECI agreement in place</li> <li>Stage 1 investigation and design complete</li> <li>Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020.</li> </ul>	30 September 2020	Achieved	Green

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	February 2021	Yellow
<ul style="list-style-type: none"> <li>Stage 2 construction complete</li> </ul>	31 March 2021	November 2021	Yellow
<ul style="list-style-type: none"> <li>Final completion of surfacing</li> </ul>	30 June 2021	December 2021	Yellow

## KEY RISKS AND OPPORTUNITIES

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

- The upcoming 175th anniversary commemoration events planned for 8, 9 & 10 January and 3 February 2021 are very important and significant events that we must plan around and will likely disrupt progress at Ruapekapeka around that time.
- The passing of Te Ruapekapeka Trust chairman, Allan Halliday, may result in short term disruption in communications with the Trust due to mourning and the period of adjustment following.
- The completion date for the Ruapekapeka Road project has been reassessed and is now programmed for December 2021. MBIE have been informed and accept the changes, with a variation to the contract being drawn up.
- There were potentially up to 21 bridges across the strategic roads that could need significant strengthening works. Early and intensive investigation of these has identified that only 6 will require physical work to strengthen them. This has allowed commencement of bridge design works early in the programme to facilitate timely completion.

## 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. 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.

# 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 - DECEMBER

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

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

## PROGRAMME OVERVIEW

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

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

▶ Te Hiku O te Ika		
Deliverable	Completion Date	Status
<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 Ahipara carpark &amp; playground underway 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 Streetscaping completed Ahipara, Awanui and Kaitaia Pump park completed in Kaitaia and Ahipara Recipient to provide evidence to the Ministry that the previous instalment has been spent.</li></ul>	31/08/2021	
<ul style="list-style-type: none"><li>Awanui carpark and playground completed Ahipara carpark and playground completed Cultural Art erected Awanui Jetty completed 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	

## STAKEHOLDER COMMUNICATION

This project is all about achieving Broader Outcomes for the Far North community, with aims for specific outcomes detailed below. 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***

FNDC and the project team will assist local, smaller contractors to develop the systems required (including Sitewise accreditation) to ensure safety, quality and accurate reporting of outcomes. Active management of social procurement processes will ensure these outcomes are achieved. Currently all direct awarded work has been to local businesses (i.e. Surveyor, concept design, consenting advice).

***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 previously unemployed persons that will be upskilled over the duration of this project.



# **CIVIL DEFENSE EMERGENCY MANAGEMENT**

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



## NATIONAL

**The allocation of Ministerial portfolios has been confirmed.** The (Hon) Kiri Allan has been appointed the Minister for Emergency Management. In doing so the Government has renamed the portfolio “Emergency Management” instead of “Civil Defence”. The change in portfolio name does not reflect the Ministers responsibilities under the CDEM Act 2002.

Changing the portfolio title to “Emergency Management” signals the Government’s intention to systematize the identification of, planning for, mitigation of, response to and recovery from national and local level hazards and risks. It strengthens awareness of emergency management as a vital function of the national security system.

## NORTHLAND CDEM GROUP

**Mayoral Relief Fund - July Flood Event.** The Ministerial visit to Northland by Hon Peeni Henare after the storm event in July 2020 resulted in the announcement of a \$30,000 fund (incl GST) to be donated as a Mayoral Relief Fund for the region, administered by the Northland CDEM Group to assist whanau facing significant hardship. Funds have been allocated to support 28 whanau across the region who experienced hardship as a result of the flood. The fund was used by recipients to replace flood damaged household goods and personal items which included beds and bedding, whiteware including contents of freezers, curtains, drapes, carpets and clothing. There is currently \$96.96 of funding remaining.

### Distribution of funds

District	No of Grants Paid	Value
WDC	9	\$5,790
FNDC	19	\$20,200
	<b>Total Allocated</b>	<b>\$25,990.00</b>
	Balance	\$96.96
	GST	\$3,913.04
	<b>Total Fund</b>	<b>\$30,000.00</b>

Having a centralised fund worked well for a across-district event. The process implemented ensured that applications for funding were processed expediently and were paid to applicants the next working day following applications being received.

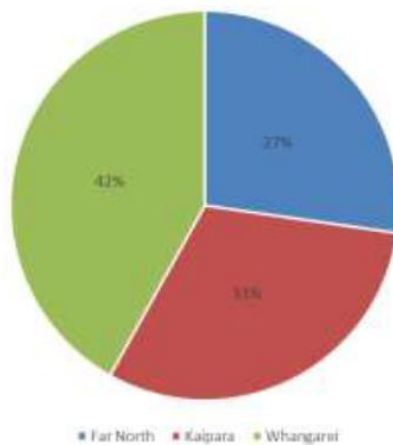
**Drought Recovery Grant – Northland Drought 2020.** On 25 May, the Ministry of Primary Industry (MPI) made \$250,000 available to help Northland famers mitigate the financial effects of the Northland drought. Centralised with NRC, the grant was made available through a robust claims process.

The claims were received over a 15-week period, with the last claims approved for payment on 16 October and the last of the funding distributed. This fund is now closed, and we acknowledge MPI for the financial support provided from which we have been able to assist 71 farmers in our region as detailed below.

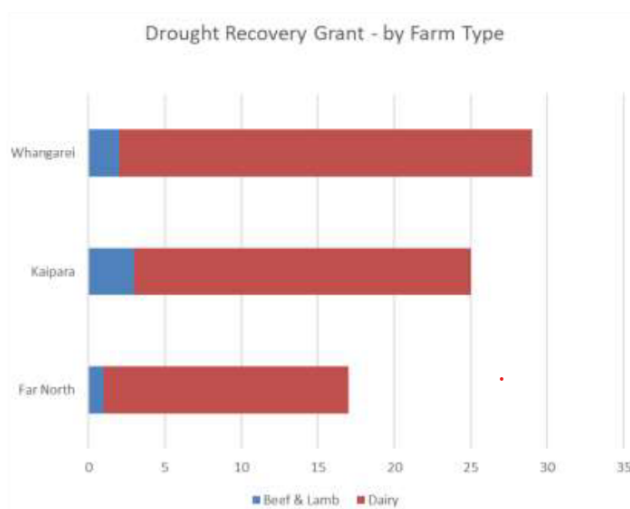
The table and graphs included show the distribution of the Drought Recovery Grant for Northland by district and farm type.

District	Dairy	Beef and Lamb	Amount
Far North	16	1	\$ 68,156.76
Kaipara	22	3	\$ 77,139.45
Whangarei	27	2	\$104,703.78
<b>Total allocated</b>	<b>65</b>	<b>6</b>	<b>\$250,000.00</b>
Balance	-	-	\$ 000.00
GST	-	-	\$ 37,500.00
<b>Total</b>	<b>-</b>	<b>-</b>	<b>\$287,50.00</b>

Drought Recovery Grant - funding allocation by district



Drought Recovery Grant - by Farm Type



**Northland Drought Plan** - Due to Northland experiencing in early 2020 one of the most severe droughts on record, the Northland Civil Defence Emergency Management Group have developed in collaboration with

agencies, organisations and stakeholders a Northland Drought Plan. The intent of the plan is to identify roles and responsibilities which can mitigate as much as possible, the impacts and response activities to water shortages in the region. The plan includes:

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

The plan went out for consultation and approval to the agencies, organisations and stakeholders included in it. Feedback was received and the plan updated accordingly. With approval and input from agencies, organisations and stakeholders a coordinated and coherent across agency readiness and response framework for a drought in Northland will be in place.

**COVID19 Regional Resurgence Plan** - The Northland CDEM Group has been working collaboratively with region-based agencies and the national planning team who are developing the national COVID-19 Resurgence Plan. The COVID response group within the Department of the Prime Minister and Cabinet has established a work programme to provide a more informed response to any future COVID-19 incidents. As part of the planning a local workshop has been held with CDEM agencies and stakeholders.

**Niwa (National Institute for Water & Atmospheric Research) has released its forecast** for summer. Air temperatures across the country, but more so in the North Island, were forecast to be above average but that would come with some elevated humidity and increased risk of flooding, especially in the North Island (and northern South Island.) The risk of cyclones was elevated this summer, i.e.; November to April.



## 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</b>
<b>Report Date:</b>	For the month ending 30 November 2020
<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.*

### **Notable Events occurring in December:**

#### ***Health & Safety Event – Kaipara District Council Tree Felling Activities:***

On Thursday 10th December an employee of a Ventia engaged sub-contractor (Team Vegetation) suffered a finger crush injury while operating a chipper winch resulting in the tip of the crushed finger requiring amputation above the last knuckle.

Team Vegetation have notified WorkSafe and a full investigation is underway. The employee involved is believed to be an experienced employee (not a newly redeployed worker) and by all accounts is recovering well.

#### ***Environmental / Public Image Event – Far North District Council Noxious Weed Spraying:***

On Friday 11th December the Northern Advocate published the article below article following complaints by local Russell community members that roadside weed spraying activities undertaken as part of the Worker Redeployment Programme had negatively impacted nearby native and non-noxious vegetation species. This followed a similar complaint (involving a different spray contractor) in Waimate North earlier in the program

FNDC and Contractor staff completed an inspection of the area and while minor evidence of overspray was noted it was felt to be a result of wind drift or overspray as opposed to blanket indiscriminate spraying as had been claimed. FNDC's investigation findings were provided to the reporter at The Northern Advocate and were incorporated into the article.

# Natives hit by 'random spraying'

Landcare calls for its volunteers to be tasked with weed control

**A** Far North conservation group is urging the council to allow qualified locals to oversee any future roadside weed control after what they say was "random and indiscriminate" spraying on the Russell Peninsula.

David McKenzie, chairman of Russell Landcare Trust, said recent spraying seemed to have been carried out by someone who didn't know the difference between native plants and weeds.

In a similar controversy in Waimate North, pōhutukawa planted in a volunteer project 20 years ago were sprayed.

The spraying has, however, been defended by the Far North District Council, which says sprayed natives were overgrown with weeds and branches on some young kauri were dying off for other reasons.

McKenzie said the native māpou had been specifically targeted all the way from Oklato to Russell, and many kātuka and mānuka had been sprayed along with tree ferns, young kauri and tānekaha. "Yet the weed species that should have been sprayed – such as gorse, pampas, tobacco plant, jasmine – were missed or only partly sprayed," he said.

He had seen spraying at Orongo Bay and Matawhiri Bay where the verges were close to the sea, raising concerns about chemical run-off.

Landcare members had been working for nearly 20 years to restore Russell's native biodiversity, he said.

"So it's devastating and infuriating to see such careless action undo all this effort in a few hours.

"We'd like to see the natives replanted and dead vegetation,

Yet the weed species that should have been sprayed – such as gorse, pampas, tobacco plant, jasmine – were missed or only partly sprayed.

David McKenzie

which could be a fire hazard, cleared."

McKenzie said he had previously approached the council to ask if Landcare members, who were qualified to handle herbicides, could weed spray roadsides. He was told the council couldn't sanction the use of volunteers because of health and safety issues, but he believed now was a good time to reconsider whether community groups could advise and oversee contractors on the council's behalf.

It would also provide local employment, a key plank of the government's Covid recovery response, McKenzie said.

The spraying was part of a Government Covid-19 employment recovery programme. The Far North initially received \$2.2m for public works but that was boosted to \$4.4m after the July storm.

Work carried out included roadside weed spraying, removal of hazardous trees, picking up roadside litter and building new footpaths.

Council infrastructure manager Andy Finch said roading contractor Ventia subcontracted the work at Russell to a qualified and experienced contractor.

The target species were pest or invasive species already on the council's spray list, but Covid recovery funding had enabled extra work on tourist and high-volume routes.

After public complaints, council staff, a Ventia manager and the contractor inspected Aucks Rd, Russell-Whakapara Rd and Florance Ave.

Finch said the normal 2m-wide spray envelope had been increased to 4m to improve sightlines and road safety. The expanded spray footprint had included self-sown tōtara and other native trees.

A small kauri was sprayed on Aucks Rd but staff were confident it was self-sown. A pōhutukawa was sprayed because it was growing in front of a culvert and would eventually block stormwater flows.

A sprayed mangrove was overgrown in Himalayan honeysuckle, one of the target species, but the mangrove was expected to survive.

The inspection found brown-off and die-back on community-planted kauri but similar signs were seen on kauri well away from the road. The discolouration was thought to be because kauri naturally shed branches.

"It's inevitable that incidental spray drift will occasionally affect nearby non-target vegetation. The council is mindful of this and works with contractors to reduce these incidents wherever possible."

No more weed spraying was planned in Russell this summer, he said.



Russell Landcare chairman David McKenzie says almost all the kauri on the Russell side of Constitution Hill suffered spray damage. Photo supplied

**Project Element**

**Details of progress**

1. Removal of self-seeded roadside trees





Now completed - to achieve efficiencies in traffic control resources required to undertake the removal of self-seeded trees and roadside litter, these tasks were undertaken simultaneously using one crew, allowing maximum return on investment. Through the month more self-seeded trees were removed from road-sides, improving roadside aesthetics and functionality of drains and culverts.

**Before**


**After**






<p>2. Rooding sightline improvements and vegetation clearance</p>	<p>Work for this funding item was completed in November 2020.</p>
<p>3. Roadside litter collection and clean-up</p>	<p>Now completed - since launching the Provincial Growth Fund project, at the end of November, up to 20 tons of litter has been removed from roadsides, and 21 anti-litter signs have been installed at litter hot spots at locations throughout the network including those shown below.</p> <div style="display: flex; justify-content: space-around; text-align: center;"> <div data-bbox="580 568 683 600"> <p><b>Before</b></p> </div> <div data-bbox="1139 568 1222 600"> <p><b>After</b></p> </div> </div> <div style="display: grid; grid-template-columns: 1fr 1fr; gap: 10px;">     </div>
<p>4. Removal of known Roadside hazardous trees</p>	<p><b>FNDC</b> – Work on this funding item now complete</p> <p><b>WDC</b> – Good progress on several sites - 18 large and extremely large pines overhanging the roads have been felled, the site cleared, fences repaired, and debris formed into “burn” piles. (730 meters) and 2 medium size pines removed on Crows Nest Road.</p> <p><b>KDC</b> - Programming and planning of works has continued through December with sites addressed at:</p> <p>Waihue Road, Dargaville.</p> <ul style="list-style-type: none"> <li>• Approximately 150 large pine trees were removed by one T8 Tree Services crew (4 each for traffic management and 3 tree removal) over 5 days in December. Mulch from site went to farmers and local residents ; Greenways Trust also accepted mulch.</li> </ul>



	<ul style="list-style-type: none"> <li>Approximately 4 large pine trees were removed during December, with one crew across 2 days (4 in traffic management / 3 in Tree removal).</li> </ul> <p>Griffin Road, Paparoa</p> <ul style="list-style-type: none"> <li>O'Rourke and Sons Logging utilised their forestry resources to remove several very large trees across 8 sites</li> </ul>
<p>5. Removal of self-seeded roadside trees</p>	<p><b>FNDC</b> - Self-seeding trees been removed (and sprayed where appropriate (work completed at Ridgen Road &amp; Te Ahu Ahu Road</p> <p><b>WDC</b> – Minimal work completed on this activity in December</p> <p><b>KDC</b> – Continuation of the removal and chipping of smaller scale self-seeded plants throughout the Waihue Road site over 4 days.</p>
<p>6. Roadside litter collection and clean-up</p>	<p><b>FNDC</b> - The roadside litter pick up crews are finish the roads programmed. Through December the southern team have completed Wiroa Rd and Waiare Road while in the Northern area Fulton Hogan have completed Kaiatia-Awaroa Road.</p> <p><b>WDC</b> – litter collection commenced on Riverside Drive.</p> <p><b>KDC</b> - Crew has been maintained as two committed females to provide extended employment for the duration of the funding period. During December they removed 5 tyres, and 146 bags of rubbish from the road corridor. This brings the total to 919 bags of rubbish over the last 4 months.</p>
<p>7. Spot Spraying Noxious Weeds</p>	<p><b>FNDC</b> - Work on this funding item now complete</p> <p><b>WDC</b> – Spraying completed during December at Apotu Rd, Crane Rd, Heaton Rd, Hukerenui Rd, Jubilee Rd, Kaiikanui Rd, King St (Hikurangi), Valley Rd, Mangakino Lane, Pigs Head Rd, Vinegar Hill Rd, Whananaki North Rd, Saleyards Rd and Riponui Rd.</p> <p><b>WDC Parks</b> - Work on this funding item now complete</p> <p><b>KDC</b> – No further work completed in December</p>
<p>8. Sight Rail Improvements (3# districts)</p>	<p><b>FNDC</b> - The Southern area had carried out sight rail improvement for Otiria Rd, Russell – Whakapara Rd, Haruru Falls Rd and Wakelin Rd.</p> <p><b>WDC</b> – Minimal work completed on this activity in December</p> <p><b>KDC</b> – Both rails on the Pahi Road Bridge 310_1056 have been renewed to ensure they are fit for purpose.</p> 

<p>9. Kaipara District Council Parks - Vegetation clearance &amp; clean ups - Kai Iwi Lakes &amp; Pou Tu o Te Rangi</p>	<p>Works are progressing well in the following sites;</p> <ul style="list-style-type: none"> <li>• Mangawhai Community Park: Reinstatement of shared tracks/walkways in progress.</li> <li>• Mangawhai Community Park: Follow up pest plant treatment and stump grinding completed in December.</li> <li>• Pou Tu o Te Rangi, Pest Plant Removal: Clearance and implementation of pest plant plan and preparation for revegetation significantly completed.</li> <li>• Northern Wairoa Memorial Park: Pest plant eradication through bush reserve area completed. Remediation of bush walking track in progress.</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 completed ahead of the busy summer visitor season.</li> <li>• Omana Road Reserve: Pest Plant Eradication in progress.</li> <li>• Mangarahu Rock Reserve: Pest Plant Eradication/Treatment follow up work in progress.</li> </ul>
<p>10. Whangarei District Council Parks - Vegetation clearance &amp; clean ups</p>	<p>While the Contractor’s (NPC) staff were on their holidays those redeployed workers who hadn’t accrued enough leave spread mulch on gardens near the Whangarei Falls end of the track and edge control along the completed track.</p> <p>The crew also spent one day assisting the Trust with Christmas community care packages.</p>
<p>11. Far North District Council Parks - Vegetation clearance &amp; clean ups</p>	<ul style="list-style-type: none"> <li>• Minimal work completed on this funding item during the month with all of the Te Tai Tokerau Worker Redeployment team integrated into our other areas of the Contractor’s business and utilised in other works – this has enabled the Contractor to retain the team through to the extended date of late February.</li> <li>• Charges for December relate to supplier and specialist subcontractor charges for mulching with tracked mulcher, supply of bulk mulch and moving of bulk mulch with bobcat</li> </ul>
<p>12. Northland Regional Council - Rivers &amp; Beaches Vegetation clearance &amp; clean ups</p>	<p>Funding item complete.</p>
<p>13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)</p>	<p>All redeployment funding works now completed - Installation of base aggregate and top coat, installation of recycled fencing, installation of post a rail fencing and “Pinch” gate, weed eat sides of track, tidy site remove rubbish. Stage 2 is now complete, and we have built 2.6km path with a width of between 2.5-3.0m from Whangarei Falls to Vinegar Hill Road. To fully complete the path we utilise funding from CIP Tikipunga Shared path funds to install the connecting walkway bridge.</p>
<p>14. New Footpaths (3# districts) missing links in</p>	<p><b>Overall – Delivery remains aligned with planned construction schedules</b></p> <p><b>FNDC –</b></p>

<p>existing urban network</p>	<ul style="list-style-type: none"> <li>• Signal Station Road Footpath construction started. All vegetation cleared, path marked out, piles for boardwalk installed and 500m concrete poured.</li> <li>• Point Rd: construct pavement infill along the newly poured kerb line, tidy up and complete the job.</li> </ul> <p><b>WDC –</b></p> <ul style="list-style-type: none"> <li>• Construction complete at One Tree Point Rd, Tauraroa Rd and Gillingham Rd</li> <li>• Construction is progressing at Ngunguru Rd</li> </ul> <p><b>KDC –</b></p> <ul style="list-style-type: none"> <li>• Matakohe Shared path construction continued</li> </ul>
<p>15. Accelerated Unsealed network grading program</p>	<p><b>FNDC -</b> The Wet Roll &amp; Grade (WRG) is progressing with following roads completed:</p> <ul style="list-style-type: none"> <li>• Southern area: Bayley Rd, Haruru Falls Rd, Oihi Rd, Purerua Rd, Rangihoua Rd, Rawhiti Rd and Waikare Road completed.</li> <li>• Northern area: Wreck Bay Rd, Ramp Rd, Te Pua Rd and Matai Bay Rd</li> </ul> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><i>Haruru Falls Road</i></p> </div> <div style="text-align: center;">  <p><i>Waikare Road</i></p> </div> </div> <p><b>WDC –</b> Wet-roll and grading of unravelling sections of Gray Road, Campbell Rd &amp; Ngunguru Ford Rd.</p> <p><b>KDC –</b> No works undertaken during December.</p>
<p>16. WDC Storm Response works</p>	<p>Storm Response scope accepted by MBIE and activities have continued.</p> <p>80% of total \$2m identified works has been completed as at 31 December 2020.</p>

Work Type	Original Total	Revised Forecast	Monthly Progress		
			Expenditure	% Complete	Comments
Stormwater, Waste & Drainage (retrospective)	\$ 163,943.90	\$ 163,943.90	\$ 163,943.90	100%	Retrospective costs
Stormwater, Waste & Drainage (retrospective - additional costs)	\$ -	\$ 28,384.94	\$ 28,384.94	100%	Trailing costs for retrospective projects
Stormwater, Waste & Drainage (work to complete)	\$ 405,865.08	\$ 331,137.09	\$ 331,137.09	100%	All works completed @ less than original estimates
Parks (retrospective - completed or committed)	\$ 490,341.25	\$ 474,801.45	\$ 474,801.45	100%	Additional storm damaged Parks sites added (previously excluded due to insufficient budget) utilising cost savings / underspend amounts from Stormwater and Roding.
Parks (work to complete)	\$ 290,600.00	\$ 301,699.00	\$ 69,608.62	23%	
Parks (additional identified works)	\$ -	\$ 224,680.00	\$ 135,453.50	60%	
Roding - Priority 1 & 2	\$ 650,333.99	\$ 548,035.07	\$ 418,041.16	76%	Work to date has been completed at lower cost than originally estimated. Work associated with 7 of 21 activities has been completed with 3 further activities underway
	\$ 2,001,084.22	\$ 2,072,681.45	\$ 1,621,370.66	81%	

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

17. FNDC Storm Response works

Work has commenced on several the identified activities within the submitted funding scope. Delivery risk has been highlighted that not all activities within this funding item may be physically completed by the programme completion date of 27th February. Assessment of programme works schedule to be completed in January with further detailed update to be provided within the January report.

Table below reflects expenditure to end December.

Work Type	Total	Moerewa component	Completed Value
Moerewa Initial Clean Up (retrospective)	\$ 77,073.06	\$ 77,073.06	\$ 77,073.06
BSL Districtwide Flood Response (retrospective)	\$ 113,779.06	\$ -	\$ 113,779.06
Flood Protection Works	\$ 351,906.78	\$ 179,435.00	\$ 55,317.00
Parks	\$ 550,735.00	\$ 31,435.00	\$ 1,435.00
Roding - Moerewa Specific	\$ 50,101.25	\$ 50,101.25	\$ 8,896.65
Roding - General	\$ 949,528.63	\$ 2,626.88	\$ 123,240.08
	\$ 2,093,123.78	\$ 340,671.19	\$ 379,740.85

*\*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)
1. Removal of self-seeded roadside trees	11	5	4	3	1	4	Fulltime
2. Roading sightline improvements and vegetation clearance							Sub-contractor: Arborist360
3. Roadside litter collection and clean-up							Same resources as item 1
4. Removal of known Road side hazardous trees	38	0	6	17	0	1	Full Time Contractor
5. Removal of self-seeded roadside trees	20	2	7	9	1	1	Full Time Contractor
6. Roadside litter collection and clean-up	13	0	4	5	2	4	Full Time Fixed Term
7. Spot Spraying Noxious Weeds	7	4	1	3	0	1	Combination of Contractor staff & redeployed workers
8. Sight Rail Improvements (3# districts)	19	2	6	10	2	2	
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	26	14	5	21	0	6	3 x Contractor 12 x Part-time assisting with Project. 11 x Full time duration of Project.
10. Whangarei District Council Parks - Vegetation clearance & clean ups	2	2	0	2	0	0	2 new FTE employed by Te Hau Āwhiowhio o Otangarei Trust
11. Far North District Council Parks - Vegetation clearance & clean ups	3	2	0	2	1	0	Fulltime fixed term
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	0	0	0	0	0	0	Funding item now complete
13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	11	8	4	6	1	1	8 FTE - employed by Te Hau Āwhiowhio o Otangarei Trust 2.5 existing FTE - employed by Northland Park Care
14. New Footpaths (3# districts) missing links in existing urban network	53	9	7	8	0	0	Specialist contractor work supplemented by new employees where possible - Only those engaged during December are listed
15. Accelerated Unsealed network grading program	14	0	4	6	2	3	WRG Activities underway in FNDC & WDC Districts
<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>	217	48	48	92	10	23	
<b>Comparison to employment target of 165</b>	+52	-2	29%	56%	6%	14%	
<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>	+128	+48	44%	76%	15%	30%	

Note – As activities begin to reach completion the number of staff engaged on the programme are slowly beginning to reduce, noting that the majority of previously unemployed are being retained (either on the funded programme or offers of alternate work) where possible.

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

Current jobs (this should be the same as Total People Working in the table above)	People previously but no longer employed on the project	Expected jobs in the future
217	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.

#### **Waka Kotahi – project closure comments:**

It has been a privilege for **Waka Kotahi NZ Transport Agency** to have provided short-term employment for those local workers displaced by the COVID economic crisis, with three of these workers now in permanent full-time work with our roading maintenance contractor, Fulton Hogan as a result. In addition, by engaging Arborist360 as a sub-contractor, we were able to support the development of new, innovative technologies in roadside tree removal for improvements in safety and efficiency in this field. Further, **Arborist360** provided local community groups and residents with mulch and firewood as a result of this work.

The Provincial Growth Fund (PGF) has provided significant positive outcomes to Northland's highway network, with the removal of roadside litter, installation of anti-litter signage and improving sightlines for road-users by trimming or removing roadside trees. By incorporating this work into **Waka Kotahi's** scheduled highway maintenance programme, significant efficiencies to this investment were achieved as extra-ordinary dedicated temporary traffic management was not required for this work to be safely completed.

**Waka Kotahi** and its contractors are grateful for the opportunity to contribute to this PGF project. The capabilities and resources available to **Waka Kotahi** have allowed the wider team to quickly and cost-effectively contribute to win/win outcomes for Northland in the post-Covid environment. These capabilities are available on an ongoing basis and we would welcome any further opportunities to contribute in this way should the opportunity arise.

#### **Footpaths:**

Downers have reported *"Through this work we have been able to support the continued workload for our subcontract businesses. The short nature and need for skilled labour have made bringing new staff onboard difficult. Although thanks to the support of this work we are still working to increase the size of our team. We currently have 5 jobs advertised for staff in positions of STMS Level 1, concrete foreman, general labourers, and Class 5 drivers. This project has been used to develop one of our young staff members as she studies for a Diploma of Engineering. Panaia used this work to develop her project management and cost control skills"*.

#### **KDC Parks:**

Throughout December 26 people were employed as part of the current stages of works, of which 2 were contractors. Of the 26 employed in December 13 of these have now completed the works such as pest plant eradication that they were engaged to undertake, and most have been redeployed to works outside of this project. There are further works to be undertaken through January and February to fully complete elements of this works package where it is expected that there will be 13 people employed through the month of January and February to continue with completion of elements of this work package. The works were originally programmed to be completed by December 2020, however due to several of the work elements being within high-profile parks, the works have been reprogrammed in the interest of Health & Safety to avoid the peak Christmas/Summer holiday season. The extension of works into early 2021 has also provided additional work surety for some of the suppliers and workers.

#### **FNDC Roading feedback from Maintenance Contractors):**

Feedback from Fulton Hogan: *"The sight rail and litter pick up work has provided additional employment – through Allied work force to several people. Beyond these programmes they have been retained as part of our extended construction programme as labourers traffic controllers. They have all shown great work ethics learned some new skills and become part of our wider FH team. With the amount of additional construction work this season we have needed more people resource to achieve our deadlines – having the litter and sight rail work has been great but a struggle to complete in the timeframe given. We have had positive feedback and comments from travelling public and residents with the litter removal work."*

Feedback from Ventia: *While the extra work has been of value to the network and appreciated by the contractor, in future more prior planning and understanding of health and safety requirements along with management of these resources is required. We found that there were too many unskilled labourers working together in these teams. If the work was spread out over a longer time, then less people could be brought on and trained to gain skills for long term employment. 3 of the sight rail team that were brought in moved on very quickly which is frustrating for contractors with the onboarding process at Ventia.*

*Due to the value of the work and the short notice in giving the green light Ventia were unable to bring on any further management of this works stream, a lot of the time the teams were under managed, at time placing additional stress on the supervisors and project managers. Once again with better forward planning needed next time.*

### **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	\$ 300,000	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	\$ 50,000	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	\$ 232,000	3
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	\$ 367,945	8
Turf Tamer	Local	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 204,900	0
Te Roroa Group	Maori/Local Iwi owned business	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 350,000	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	\$ 104,007	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 Roading	5 months	\$ 263,971	2
Waterway Specialists	Local – Mangawhai based	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 139,000	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	\$ 260,000	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>\$ 4,536,530</b>	<b>53</b>
			Percentage of total works completed to date		47%	



#### 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><b>NZTA/Fulton Hogan</b></p> <p>Opportunity given to previously unemployed locals to re-enter the work force. Three of these staff have now accepted full time roles with Fulton Hogan – one of them has trained to be a roading inspector. Two are currently working under casual contracts.</p> <p><b>FNDC Roding:</b></p> <p>Staff retained are gaining experience and training leading to more job security and opportunity for continued employment.</p> <p><b>KDC Roding:</b></p> <ul style="list-style-type: none"> <li>• The women employed from AWF for the litter crew have proved their abilities, attitudes and willingness to work. As a result, Ventia have indicated that at the conclusion of this project they are intending to employ them as Traffic Controllers for their summer rehab and renewals programme.</li> <li>• 3 additional jobs have been created in the Tree felling crews.</li> <li>• Harding Consultancy Ltd (2x female Maori contractors) have provided social procurement support, visiting/monitoring on site works.</li> </ul> <p><b>KDC Parks:</b></p> <ul style="list-style-type: none"> <li>• The achievement of employment targets are as follows; <ul style="list-style-type: none"> <li>a) Over 70% Maori (*80% for the current month)</li> <li>b) 0% Pasifika</li> <li>c) Over 20% Woman (23% for current month)</li> <li>d) 34% Youth (*20% for current month)</li> </ul> </li> <li>• 23 x workers have been employed who were previously unemployed, 14 of these are still currently employed as part of the project.</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>	<p><b>KDC Parks:</b></p> <ul style="list-style-type: none"> <li>• Of the total value of contracts awarded to date, 95% awarded to Locally owned enterprises.</li> <li>• The willingness and availability of local businesses has aided in achieving almost double the targeted value in the works contracted to date.</li> </ul>
<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>	<p><b>KDC Parks:</b></p> <ul style="list-style-type: none"> <li>• Of the total value of contracts awarded to date, the value portion awarded Maori owned enterprises is over 33%.</li> <li>• Early involvement of Te Roroa Group (TRG) and Nga Uri o Hau Settlement Trust Nurseries has provided the ability to exceed the target to date.</li> <li>• TRG have also engaged 12 people who were previously unemployed as part of their project works, with 9 currently still engaged full time within the project works.</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><b>FNDC Roding:</b></p> <p>New employees going though competency qualification.</p> <p>We have four who have increased competency in tree harvesting having started as labourers at the start of the tree felling programme.</p>	<p>These young men were engaged by the company involved in hazardous tree removal as labourers and have been trained and retained. If forestry remains as a viable industry in the North, then these men will be assured of employment.</p> <p>Team Vegetation and TaG Vegetation have both engaged staff earlier than intended and will be providing on-going training in relevant skills and sponsoring them through the industry standard Growsafe training course. This will</p>

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.
		continue their employment for at least the summer season.
<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><b>KDC Roading:</b></p> <ul style="list-style-type: none"> <li>Harding Consultancy supports T8 to provide competent provider to cut up stockpiled wood for distribution</li> </ul> <p><b>KDC Parks:</b></p> <ul style="list-style-type: none"> <li>The works being undertaken by Orang Otang Tree Trimmers, includes mulching of tree waste for reuse as ground cover, recovering of gum stems for use as landscape edging, and possible recovery as firewood for community groups.</li> <li>The works undertaken by Turf Tamer involves a process of mechanically mulching in-situ which provides an initial ground cover prior to further treatment/revegetation.</li> </ul> <p><b>WDC Parks:</b></p> <ul style="list-style-type: none"> <li>80% of the new fence has been re-constructed from re-cycling the existing fence, reducing waste to landfill.</li> </ul>	<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> <li>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.</li> </ul>

## 5. Financials

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

Project Element	Funding Received to date	Actual Project Expenditure to Date	Notes
1. Removal of self seeded roadside trees	\$ 300,000.00		
2. Roding sightline improvements and vegetation clearance	\$ 460,000.00	\$ 1,260,000.00	<i>Works completed</i>
3. Roadside litter collection and clean-up	\$ 500,000.00		
4. Removal of known Road side hazardous trees	\$ 1,665,000.09	\$ 1,623,945.00	
5. Removal of self-seeded roadside trees	\$ 804,750.04	\$ 570,184.00	
6. Roadside litter collection and clean-up	\$ 434,750.02	\$ 441,588.00	
7. Spot Spraying Noxious Weeds	\$ 231,250.01	\$ 285,297.00	
8. Sight Rail Improvements (3# districts)	\$ 185,000.01	\$ 117,346.00	
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangī	\$ 1,480,000.00	\$ 1,320,085.00	
10. Whangarei District Council Parks - Vegetation clearance & clean ups	\$ 185,000.01	\$ 600,000.00	<i>Works completed</i>
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	\$ 370,000.02		
11. Far North District Council Parks - Vegetation clearance & clean ups	\$ 185,000.01	\$ 157,502.40	
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	\$ 200,000.00	\$ 200,000.00	<i>Works completed</i>
14. New Footpaths (3# districts) missing links in existing urban network	\$ 1,387,500.07	\$ 1,127,921.00	
15. Accelerated Unsealed network grading program	\$ 342,250.02	\$ 156,192.00	
16. WDC Flood Damage repairs	\$ 1,600,000.00	\$ 1,621,370.00	
17. FNDC Flood Damage repairs	\$ 1,600,000.00	\$ 379,740.00	
<b>Total</b>	<b>\$ 11,930,500.30</b>	<b>\$ 9,861,170.40</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	<b>FNDC</b> – Completed. <b>WDC</b> – Work programmed for completion at Russell Rd and Whananaki North Rd Crows Nest Rd. <b>KDC</b> – Waihue Rd – Final Spray and tidy up mow.
5. Removal of self-seeded roadside trees	<b>FNDC</b> – Continue with works around the District removing identified self-seeded Pines, Wattles. Additional self-sown trees are programmed and will be completed if budget permits. <b>WDC</b> – Key work is planned on Maungakaremea Road this next month, also a continuation of Mangapai and Paparoa Road. <b>KDC</b> – Waihue Rd – Final Spray and tidy up mow.
6. Roadside litter collection and clean-up	<b>FNDC</b> – Completed. <b>WDC</b> – Finish off the tidy-up of Riverside Drive. <b>KDC</b> – Roads targeted for the next month are Cove Rd, Kaiwaka Mangawhai Rd (continuing), Mangawhai Rd (continuing) and Tomarata Rd
7. Spot Spraying Noxious Weeds	<b>FNDC</b> – Works completed on this funding item <b>KDC</b> – Works completed on this funding item <b>WDC (Roading)</b> – Work remaining to be completed at Mangakino Lane, Vinegar Hill Road, Saleyards Road and Riponui Road. <b>WDC (Parks Component)</b> - Works completed on this funding item
8. Sight Rail Improvements (3# districts)	<b>FNDC</b> – Haruru Fall Rd and Te Karauwha Parade to complete in the south and the North to complete Matauri Bay Rd, Wainui-Matauri Rd and Wainui Rds to continue as budget allows. <b>WDC</b> – Complete remaining works at Owhiwa Rd. (3 sites), Patau Sth Rd. (2 sites) <b>KDC</b> – Works completed on this funding item
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.</li> <li>• Pou Tu o Te Rangi, Implementation of pest plant plan continuing, follow up pest plant eradication.</li> <li>• Northern Wairoa Memorial Park, Bush walkway remediation works.</li> </ul>

Project Element	Outline of Planned Work (for next month)
	<ul style="list-style-type: none"> <li>Kaiwaka Parks &amp; Reserve Area, pest plant removal. – Works were planned to be completed in early December, however resource was focussed on completing works at Kai-iwi Lakes prior to the busy Christmas season.</li> </ul>
10. Whangarei District Council Parks - Vegetation clearance & clean ups	Funding Item now completed.
11. Far North District Council Parks - Vegetation clearance & clean ups	Still to complete: <ul style="list-style-type: none"> <li>Mulching projects in Kerikeri</li> <li>Noxious weed removal projects in Kaitaia area &amp; noxious weed growth in coastal areas targeting weeds</li> <li>Follow up work in all areas to spray any new growth</li> </ul>
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	Funding Item now completed.
13. 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	<b>FNDC –</b> <ul style="list-style-type: none"> <li>Continue with footpath construction on Signal Station Road</li> <li>Complete all construction works at Taipa Point Road, Foreshore Road &amp; Mamaru Road.</li> </ul> <b>WDC –</b> <ul style="list-style-type: none"> <li>Complete all minor works at Tauraroa Rd and Gillingham Rd</li> <li>Complete remaining key construction works at Ngunguru Rd</li> </ul> <b>KDC –</b> <ul style="list-style-type: none"> <li>• Complete remaining Matakohe path construction work</li> </ul>
15. Accelerated Unsealed network grading program	<b>FNDC -</b> Roads and RPs confirmed. Roads have been identified and planned for the end of January and February (in addition to the 10 x roads completed in December). <b>WDC –</b> Reactive Wet-roll and grading of unravelling sections of unsealed roads. <b>KDC -</b> Roads and RPs confirmed.
16. WDC Storm Response	Continuation of works identified in scope document provided to MBIE. In the New Year some of the storm repair work that needed a heli-drop of materials along the Hatea River and Frank Holman track will be completed with the assistance of the Te Hau Awhiowhio O Otangarei Trust crew and management from NPC. Savings will be seen in the July storm damage funding.
17. FNDC Storm Response	Commencement of works identified in scope document provided to MBIE.

## 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 originally Contracted timeframes	Severe / High	Risk now mitigated with MBIE approval of Contract Variation to extend Completion timeframe to new Completion date of 28/02/2021.
17	Delivery risk has been highlighted that not all activities within this funding item (FNDC Storm Repairs) may be physically completed by the programme completion date of 27 <sup>th</sup> February.	High / High	Assessment of programme works schedule to be completed in January with further detailed update to be provided within the January report. Assessment of programme works schedule to be completed in January with further detailed update to be provided within the January report.
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
All	PCBU H&S Compliance and responsibilities	Significant / Unlikely	Engagement of new resources through existing contract mechanisms. Utilise contractors existing induction and HSQE policies and procedures
All roading re& vegetation related work	Unskilled or inexperienced labour working on roadside.	High/Low	Qualified supervision, appropriate traffic management plans and support, Traffic safety devices, beacons, safety vests. Engagement of specialist/qualified forestry/arborist resources supported by appropriate traffic management teams.

## **8. Communications**

### **KDC**

Social media updates – 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. Specific media communications regarding the works at Mangawhai and Kai-iwi Lakes continue to be featured in the Kaipara Lifestyler and Mangawhai Focus.

### **FNDC Noxious Weed Spraying**

As noted earlier in this report, Contact has been made with media and concerned residents once some native Pohutakawa were showing signs of spray in the southern area. (Not such positive contact). The trees were part of a community planting project, without council approval in relation to future sight line and road safety issues. However, they were very prominent and considered an asset to the driving experience and enhancement to the environment.

Some other locations have been identified with the same issue and are currently being investigated by FNDC staff, the Principal Contractor and the sub-contracted spray company.



## Additional information - Redeployment Activity photos

### Missing Link Footpath works

*KDC - Matakohe Shared Path*



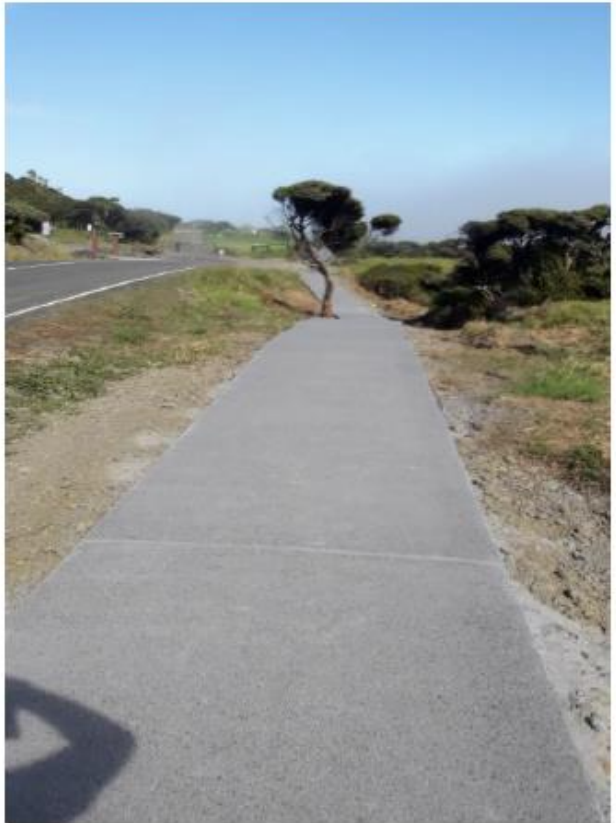
*Before*



*After*



*FNDC – Signal Station Road*



*FNDC – Taipa Point*





WDC - Ngunguru Road



KDC Hazardous Tree Removal

Location: Griffin Road, Papanoa



Before



After (reverse view)

KDC Litter Collection



Jude and Karyn are Kaipara locals who are passionate about their community, seen here with Tracey Poutama (social procurement support) and have a personal sense of satisfaction clearing away the litter and leaving "Papatuanuku" healthier. They love working in the outdoors although are challenged with the hazards of overtaking cars, broken glass and steep drains. Some positives are that locals stop to thank and acknowledge them for their work, and they have retrieved old toys that they have recycled and given a new life!

**WDC Storm Repairs**

**Simons Road Drainage works**



**WDC Hazardous Tree removal**



*Before*



*After*

**WDC Noxious weed removal**



*Before*



*After*



**FNDC Self Seeded Tree removal & spraying**



*Ridgen Road*



*Te Ahu Ahu Road*

**FNDC Sight Rail Improvements**



*Otira Road*



*Russell - Whakapara Road*


**WDC Parks works**

**Whangarei Falls track entrance maintenance**





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



DECEMBER UPDATE

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
125 - Footpath Maintenance	Footpath Renewal	Te Hiku Ward: Refer RAMM for list of sites.	43%	Construction	Commence/Continue construction	3	
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.	54%	Construction progressing	Continue work in Moerewa	3	Diverting crew to Redeployment works currently delays the overall (District) renewal programme by 1 month for completion in April.
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.	22%	Horeke Footpath Renewal complete. Recommence remainder of programme Feb 2021.	No more renewals programmed until Feb 2021	3	Diverting crew to Redeployment works currently delays the overall (District) renewal programme but will still complete in 20/21
140 - Minor Events	General Maintenance	Iwitaua Road RP 14005	100%	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Kohomaru Rd Mitigation Works - (Balance of Carry-over from 2019/20)	#DIV/0!	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Paponga Rd RP8886 Slip Remediation	96%	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Rawhiti Rd	#DIV/0!	Construction complete	n/a	3	
140 - Minor Events	General Maintenance	Waikare Road - various locations	0%	Work scheduled to start in Feb 2021	Work scheduled to start in Feb 2021	3	Construction start deferred to Feb due to contractor attending to reactive storm event works.
141 - Emergency Works	Resilience	Diggers Valley Rd	76%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	Fairburn Rd	77%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	West Coast Rd RP 9563	129%	Construction Complete	Defects period	3	
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552	89%	Construction Complete	Defects period monitoring will end July/August 2021	3	
141 - Emergency Works	Resilience	2018 EW surplus	#DIV/0!	2018 Emergency Works programme is complete.	n/a	3	Budget has been made surplus and concludes the 2018 EW programme
141 - Emergency Works	Resilience	PLACEHOLDER	0%	Budget is surplus to requirements	Formally surplus budget from programme.	1	Budget to be formally surplus and subsidy returned to NZTA.
212 - Sealed Road Resurfacing	Sealing Chip seal	North region (CS - 31.4km, TAC - 0.632km)	52%	Sealing works in progress	Sealing works in progress	3	
212 - Sealed Road Resurfacing	Sealing Chip seal	South Region (CS -37.99km)	50%	Sealing works in progress	Sealing works in progress	3	
213 - Drainage Renewals	Rehabs	programmed rehab sites	0%	Review and approval of designs	renewal of drainage asset.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Rehab design and investigation	0%	working on a tender for investigation and testing	working on a tender for investigation and testing	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Broadwood road	110%	Rehab Completed	Final walkover and maintenance in the last week of 18th of January 2021	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	5%	Enabling works well completed with clearance for width/drainage completed.	Pavement works will commence in January once Pavement Design has been agreed and approved.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	OKAIHAU ROAD	98%	Site sealed and line-marked in December.	Sealing of driveways and widenings to be completed. Practical completion and snag walk-over to be completed by NTA in early January.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	PAWARENGA ROAD	41%	site 1/ drainage and enabling works complete, including several shoulder support rock walls. Shoulder undercuts and tie-in dig-outs are complete. Site2/3 ditto, shoulder undercuts and tie- ins complete from RP5045 - 5820.	Site 1, kerb and channel replacement commencing January, pavement construction to commence January. Site 2/3, Awaiting decision on pavement design and possible completion of reduced site length.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	103%	Physical works complete. January final walkover	final walkover	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
214 - Sealed Road pavement rehabilitation	Rehabs	Purerua Road	105%	Physical works complete, practical completion and snag list complete	final walkover	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Contract management fixed cost.	50%	fixed cost	fixed cost	3	
214 - Sealed Road pavement rehabilitation	Rehabs	WAIMATENUI / MATARAU ROAD	8%	tender evaluation complete. Supplier recommendation report being urgently completed. Acceptance of successful tenderer.	Contract Award	3	possible end of season time constraints, tenderer/contractor availability. Timeline needs to be managed carefully. Procurement needs FNDC approval at CE level, approval templates in preparation for signing.
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	Matawherohia Road & Puhata road	0%	Matawherohia removed from project and added to Heavy bridge renewal works	Continue with Puhata designs	3	
215 - Structures Component Replacement	Bridge	Contingency for any overruns and testing, designing for next FY	0%			3	
215 - Structures Component Replacement	Bridge	General Bridge maintenance	0%	Tendering in process	Award contract/finalising deliverables	3	
215 - Structures Component Replacement	Bridge	Grove Road Bridge M28	48%	Options report	Detailed design & documentation	3	
215 - Structures Component Replacement	Bridge	Heavy Bridge Maintenance (Nth & Sth)	114%	Achieved practical completion on 12 November for South. Scope for North 19/20 contract has been added to this year's General Bridge Contract 20/21.	Defects liability period for South.	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D42	16%	Site investigation and options report in Jan. 2021	Site investigation and options report in Jan. 2021	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D47	16%	Site investigation and options report in Jan. 2021	Site investigation and options report in Jan. 2021	3	
215 - Structures Component Replacement	Bridge	Kenana Road Culvert E94	0%	Site investigation and options report done and will be package with Grove Road Bridge M28	Site investigation and options report done and will be package with Grove Road Bridge M28	3	
215 - Structures Component Replacement	Bridge	Mangamuka Road Culvert H40	0%	Defects liability period	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Matai Bay Road Bridge C03	8%	Site investigation and options report in Dec. 2020 - Jan. 2021	Site investigation and options report in Dec. 2020 - Jan. 2021	3	
215 - Structures Component Replacement	Bridge	Scour protection (North and South)	154%	Defects liability period for North. Achieved practical completion on 12 November for South.	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Scour protection across the network	4%	tender evaluation complete. Supplier recommendation report being urgently completed. Acceptance of successful tenderer.	Award contract/finalising deliverables	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	70%	planning and agreeing on scope	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	



Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Bridge	Kaitaia-Awaroa Road Culvert D41 Replacement	24%	Site investigation and options report	Site investigation and options report/Detailed design & documentation	3	
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	80%	Works completed and bridge open to general public	Finalise claims and defects walkover	3	
341 - Low Cost Low Risk	Bridge	West Coast Road G01	29%	contractor started with pre fabrication of bridge components	continue with pre fabrication of bridge components off site	3	
341 - Low Cost Low Risk	Lighting	Various District Roads	1%	N/A - awaiting contractor to advise construction start date	N/A - awaiting contractor to advise construction start date	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	0%	Construction Contract Pre Award phase	Commence construction	2	Tender price significantly higher than original budget. Award pending council approval to reduce scope and increase budget.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln	0%	Construction Contract Pre Award phase	Commence construction	2	Tender price significantly higher than original budget. Award pending council approval to reduce scope and increase budget.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - Dominion Road	0%	Construction Contract Pre Award phase	Commence construction	2	Tender price significantly higher than original budget. Award pending council approval to reduce scope and increase budget.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue	0%	Construction Contract Pre Award phase	Commence construction	2	Tender price significantly higher than original budget. Award pending council approval to reduce scope and increase budget.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd Rangikapiti Rd to Richmond Rd link	25%	Re-scoping due to high tender price	Re-scoping, Engineer's Estimate	2	Tender price significantly higher than original budget. May defer to following year pending council approval.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd to Rangikapiti Rd	15%	Re-scoping due to high tender price	Re-scoping, Engineer's Estimate	2	Tender price significantly higher than original budget. May defer to following year pending council approval.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: SH1 Harbour View Rd to private access	16%	Construction Contract Pre Award phase	Commence construction	2	Tender price significantly higher than original budget. Award pending council approval to reduce scope and increase budget.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	8%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Ped Bridge near Main St Bridge	0%	Review alternative options to reduce costs associated with bridge but none feasible. Engaged Haigh Workman to proceed with OOS for Design of Peds Bridge including Geotech report.	Review 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.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	20%	Reviewed and accepted final concept design. Forwarded to NZTA for review, acceptance and safety audit.	After NZTA - possibly engage WSP to proceed with concept design and approve for final construction design.	2	Cost likely to exceed budget and construction may be deferred due to scope change (design around Underslip) and NZTA approval required to reallocate state highway road space.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Te Taipui Rd to Matauri Bay School Link	18%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294-330	4%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound	16%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	9%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95	0%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Opononi Footpath - Waianga Place	0%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Taumataiwi St Opononi	7%	Construction Contract Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works. Will still deliver this year.
341 - Low Cost Low Risk	New Footpath	North Park Drive - Whangatane Drive, Kaitaia	100%	Construction completed.	Defects period monitoring will end Aug/ Sep 2021	3	
341 - Low Cost Low Risk	Resilience	Kaitaia Awaroa 26991 (c/o from 19/20 currently in construction)	61%	Construction largely complete but identified horizontal drains defect to be resolved.	Complete	3	
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387	3%	Physical works held up due to lead time delays.	Commence Construction early 2021	3	



Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Resilience	Taupo Bay Road RP 8816 & 9169	97%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Wainui Road RP 7200	124%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	West Coast Rd RP16005	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Long Beach Road RP 294	88%	Construction completed.	Issue Practical Completion certificate.	3	Significant cost savings redistributed to other projects.
341 - Low Cost Low Risk	Resilience	Panguru Road	102%	Continued with pavement stabilisation works and sealed section A and B. Continued discussion concerning additional scope for section C to increase embankment height (funded through NRC).	2 Driveway culverts to be upgraded and driveways sealed. Continue discussion/ agreement for additional scope for section C to increase embankment height (funded through NRC).	3	Significant cost savings redistributed to other projects. Additional scope for section C to be added to programme as separate project if NRC/ FNDC agreement concluded in time to deliver and pending confirmation can be delivered within specified timeframe.
341 - Low Cost Low Risk	Resilience	Sullivans Road	93%	Works started on the wall and progressed well with pole installation.	Construction to continue.	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	PLACEHOLDER	#DIV/0!	Budget surplus redistributed	n/a	3	Budget surplus redistributed.
341 - Low Cost Low Risk	Resilience	Aucks Road RP2016	3%	Finalising design outputs ready for acceptance and safety audit.	Commission Safety Audit, Peer Review, Tendering Process	2	Construction project brought forward from 21/22. Tender pending satisfactory conclusion of geotechnical peer review.
341 - Low Cost Low Risk	Resilience	Beach Road RO400	8%	Finalising design outputs ready for acceptance and safety audit.	Commission Safety Audit, Peer Review, Tendering Process	2	Construction project brought forward from 21/22. Tender pending satisfactory conclusion of geotechnical peer review.
341 - Low Cost Low Risk	Resilience	Powell Road RP209	7%	Finalising design outputs ready for acceptance and safety audit.	Commission Safety Audit, Peer Review, Tendering Process	2	Construction project brought forward from 21/22. Tender pending satisfactory conclusion of geotechnical peer review.
341 - Low Cost Low Risk	Resilience	Powell Road RP92-169	5%	Finalising preliminary site investigation	Commission further survey, investigation and temporary pavement repairs	2	Impacted: delay while validating design and negotiating with contractor.
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Construction completed.	Defects period will end November 2021	3	
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Construction completed.	Defects period will end November 2021	3	
341 - Low Cost Low Risk	Safety	Long Beach Road improvement	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Panorama Ln Improvements	100%	Design input complete	No further work/input required.	3	
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	86%	Reinspected sealed sections prior to line marking. Final measure-up and issue completion certificate. Project Complete.	Defects period will end November 2021	3	
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	74%	Construction completed.	Do PACE score	3	
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	67%	Construction completed.	Do PACE score	3	
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	5%	Signages manufacturing and construction/ installation are underway	Continue manufacturing and installation of signs	3	Possible delay due to supplier capacity
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	63%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017	21%	Enabling works well progressed with clearance for width/drainage completed.	Culvert replacement continuing in January, along with continuation of rock shoulder support walls.	3	medium risk- monitor. Preliminary estimate provided with the PDR indicates the cost of construction will exceed available budget. Will likely need to value

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
				Culvert replacements in progress along with construction of first rock shoulder support wall.			engineer the design with FH to fit the available budget.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	1%	Enabling works well underway with clearance for width/drainage/culverts largely completed.	Enabling works (drainage/clearance) to be completed in January along with the construction of the concrete edge support beams for guard-rail. Shoulder undercuts will also commence in January.	3	As noted, the overall estimate exceeds the allocation, however this will be monitored as there are opportunities to reduce cost. (also PS items). The private watermain within the road corridor does present some risk, however this is within the shoulder and is being managed through good comms with the asset owner(s).
341 - Low Cost Low Risk		Hobson Ave Ped Crossing	1%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk		Keith Kent 20/21 & 21/22 projects. Roadside Barriers (Guardrails) and Associated Improvements	3%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk		Keith Kent 20/21 & 21/22 projects. Audible Tactile Profile/Structural Road Markings (HRRR WC341)	0%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk		Keith Kent 20/21 & 21/22 projects. Ped & Cycle Traffic Calming Improvements	28%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.	3	Project added to programme November 2020 for delivery through safety team. Updates pending.
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	Engaged with the contractor to start Pou installations. Programmed works for Feb 2021.	No work planned until Feb 2021.	3	4 month delay while Iwi and Hapu agree final locations for pou installations. Budget surplus to be declared.
Footpath Renewal Unsubsidised	Footpath Renewal	SH12 Opononi	56%	All issues resolved and work can start again. Planned for Feb 2021.	No work planned until Feb 2021.	3	Project was delayed 3+ months while Police incident was being resolved.
New Footpaths - Unsubsidised	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	0%	Construction Pre Award phase	Commence construction	2	Tender price significantly higher than original budget. Award pending council approval to reduce scope and increase budget.
New Footpaths - Unsubsidised	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	0%	Reviewed and accepted final concept design. Forwarded to NZTA for review, acceptance and safety audit.	After NZTA - possibly engage WSP to proceed with concept design and approve for final construction design.	2	Cost likely to exceed budget and construction may be deferred due to scope change (design around Underslip) and NZTA approval required to reallocate state highway road space.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	0%	Construction Pre Award phase	Commence construction	3	2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
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	Programme to be supplied by CB
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	5%	Construction Pre Award phase	Commence construction	2	Tender price significantly higher than original budget. Award pending council approval to reduce scope and increase budget.
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	109%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	137%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	181%	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	65%	Finalised RSA, reviewed and accepted Price from contractor and started construction.	Continue with construction.	3	Cost exceeded budget and additional budget was used from Walking Facilities.
Resilience - Unsubsidised	Resilience	Panguru Road	0%	Budget is surplus to requirements for the in-scope Panguru works.	Consider and seek approval to redistribute or formally surplus the budget.	2	Budget may need to be redistributed as local share for section C works pending confirmation of funding arrangement between NRC/FNDC. On-hold until NRC/FNDC agreement and requirements confirmed.
Seal Extension - Unsubsidised	Seal Extension	Balance of carry-over amount from 19/20	0%			2	Programme to be supplied and budget to be confirmed
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380	79%	Site sealed and line-marked in December.	Practical completion and snag walk-over to be completed by NTA in early January.	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
Seal Extension - Unsubsidised	Seal Extension	Puketi Rd RP 0 - 1000	72%	Site sealed and line-marked in December.	Practical completion and snag walk-over to be completed by NTA in early January.	3	
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road	3%	Enabling works underway with clearance for width and water-tabling completed.	Drainage (Rip Rap and Culvert) works will commence in January and Pavement works will follow once Pavement Design has been agreed and approved.	3	DRAINAGE: The site has some historic drainage discharge issues to remedy - the section from RP10200 - 11080 currently has a single discharge point, which causes issues for the land-owner. Additional discharge point has been sought through consultation with an upstream property, however agreement with the owner is unlikely. Alternative discharge arrangements are currently being investigated/considered with Ventia. STOCK UNDERPASS: The construction of a stock underpass at RP9625 and is being managed by the property owner. The design of this is still underway and construction may not meet the required timeframes.
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	99%	Construction completed.	Defects period ends Sep 2021	3	Budget surplus to be declared. Potential archaeological site uncovered during excavations. Investigations and discussion with Heritage NZ ongoing.
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	37%	discussions with IWI held and aiming to complete post Xmas	discussions with IWI held and aiming to complete post Xmas	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	Cost exceeded budget for Signal Station Road and additional budget was used from Walking Facilities.



**2021-24  
NATIONAL LAND  
TRANSPORT  
PROGRAMME  
(NLTP)**

**INVESTMENT SIGNALS –  
NOVEMBER 2020  
WAKA KOTAHI NZ  
TRANSPORT AGENCY**



## A successful 2021–24 NLTP:

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

## Context – constraints and environment

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

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

## Commitments – what’s already committed in the 2021–24 NLTP?

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

## Signals – our investment priorities

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

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

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

## Developing Regional Land Transport Plans (RLTPs)

We'll look for RLTP programmes to:

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

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



## EXECUTIVE SUMMARY

A short month and a short report to reflect this. Some light reading for the last day of work, while gorging yourself on Christmas mince tarts and idle chat at the water cooler about your summer holiday plans.

December has been a very dry month reminding us of why we carry out Wet/Roll/Grades on the higher volume gravel roads around the network. We successfully completed Waiare Rd, Waikare Rd, Waikino Rd, Rawhiti Rd (North), Wharau Rd to name a few.

Porotu Rd seal extension was sealed and line marked and is looking fantastic, with the locals very happy. Okaihau Rd rehab was also sealed with Horeke Rd due to be completed in late January. Pungaere Rd and Koropewa Rd seal extension enabling are nearing completion, with aggregate due to hit the ground in January. Another smaller “seal extension” completed on Umarewa School Rd, we have really enjoyed the dust seals this season around Marae’s and Schools in rural areas. I hope these continue into the future. A great way to work with the community and show them what we can achieve as a team.

Footpath replacement and widening completed on Otiria Rd, Moerewa with a couple more weeks left in the area in the New Year. The crew took today (Tuesday) off footpath works to prepare our Xmas Hangi.

Hayters Rd heavy metalling site was completed in time for the Forestry Contractors to start hauling logs out in the New Year.

During the Xmas period our inspections and routine patrols will continue along with call out teams on standby should anything occur.

Meri Kirihimete and a Happy New Year to you all. It has been a hectic year for all of us, I hope you get a good break and talk in 2021 😊

See you in January.



*Hangi Prep done!*



## WORK PROGRAMME

A total of 1485 individual work items were completed throughout the month of December which 1132 were routine find and fix issues, 44 were cyclic or part of annual rounds, 144 were programmed works, 8 were renewals/capital projects, and 157 were callouts or emergency response works.

January 2021 forward works programme has been submitted in RAMM.

## ROUTINE WORKS COMPLETED

Routine maintenance activities completed in December:

- 276 sealed potholes repaired
- 1022 unsealed potholes repaired
- 114 km of unsealed roads graded equating to 14% of the total unsealed network.

## DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in December:

- 181 Culvert ends cleared
- 2348m of heavy water tabling
- 33m Culvert pipes replaced/new



*Routine Culvert Clearing – Not a bad view – Newton Rd*

## ROUTINE INSPECTION REPORT

**Sealed** - There are currently 9 sealed inspections running overdue.

**Unsealed** - There are currently 0 un-sealed inspections running overdue.

**Drainage** - There are currently 56 drainage inspections running overdue.

## ORDERED WORKS

- 295m<sup>2</sup> of footpath replacement/renewal was completed in November.
- 26 m<sup>3</sup> of maintenance metal was applied to the unsealed network.

The footpath team spent a couple of weeks before Christmas on Otiria Rod, Moerewa replacing and widening a 900 mm wide footpath out to 1.5m. In January the plan is to complete Snowdon Ave and SH1 footpaths in Moerewa and then move onto Waima and Rawene next.

Dust seals were completed on Omanaia Rd and Umarewa School Rd in December. This leaves just Motukiore Rd left to seal in February.

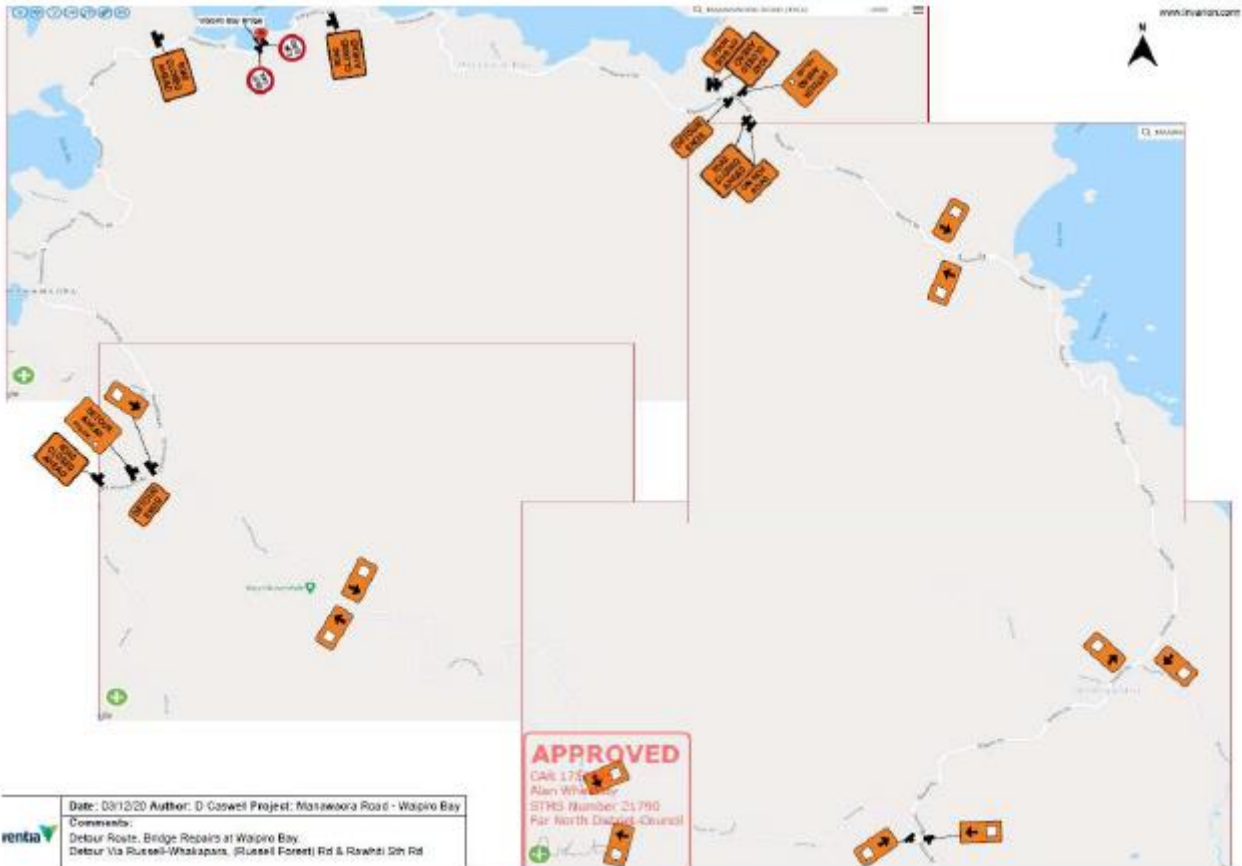
Waipiro Bay – Stage 2 involved a very complicated Traffic Management plan prepared by David Caswell, once we worked out that the detour would be over 40 minutes (map below) the call was made to switch to a night shift and advised residents thanks to Cushla and FNDC comms via Facebook and rather large Variable Message Boards (VMS) being installed the week prior advising residents past Waipiro Bay Bridge of the impending closure. The job took one night with chipsealing completed on 21/12/20 just in time for the holiday season!



*Otiria Rd, Moerewa – Footpath replacement*



*Umarewa School Rd – Dust Sealing site*



## ROAD FURNITURE ACTIVITY

- 65 new signs installed or replaced (damaged or missing)
- 38 signposts replaced
- 14 signs re-re-erected or straightened

## STRUCTURES

- 121m Rail barrier renewal

## MBIE FUNDING

### **Moerewa Flood Funding**

Otiria Rd/Ngapipito flood relief funds spent on watertabling and tidying up the area for the local residents. The old petrol bowser area is looking fantastic. Culverts to be upgraded to 600mm in January 21

### **Tree Removal**

No trees removed in December, we have programmed in Kapiro Rd Shelter Belt overhang trimming, Wiroa Rd and Waimate North Rd trees to be removed in January.

### **Wet/Roll/Grade**

The remainder of the list was completed in December with some really nice pavements now set for the busy summer holiday period. Roads included, Waikare Rd, Waiare Rd, Rawhiti Rd (North), Bayley Rd, Haruru Falls Rd, Waikino Rd, Wharau Rd, Oihi Rd.

## RESEALS

The reseals programme has been moved to recommence in January once chip stockpiles have replenished.

## PAVEMENT REHABS

### **Okaihau Rd – RP1235 - 2311**

Physical Works – Sealed and linemarked on 17/12/20

### **Horeke Rd – RP11570 - 12580**

Physical Works – Commenced on 21/10/20, overlay to commence after Christmas now. Enabling works complete.

Target Completion – 10/2/21

### **Seal Extensions**

### **Koropewa Rd – RP15 – 1833**

Physical Works – Commenced on 9/11/20. All driveway culverts installed in December 20.

Target Completion – 15/2/21

### **Pungaere Rd – RP8820 - 12410**

Design – 100% completed, to be presented on 23/12/20

Physical Works – Commenced 16/11/20 – enabling works prior to Christmas with pavement after Christmas.



Target Completion – 15/3/21

### Ngapipito Rd – RP3500 - 8435

Test Results – Received, awaiting on Soaked CBR’s on site material

Survey – 100% complete

Design – 90% complete. Final survey data sent to designer. Report to be sent in the first week post Xmas break.

Physical Works – Commencing in January now.

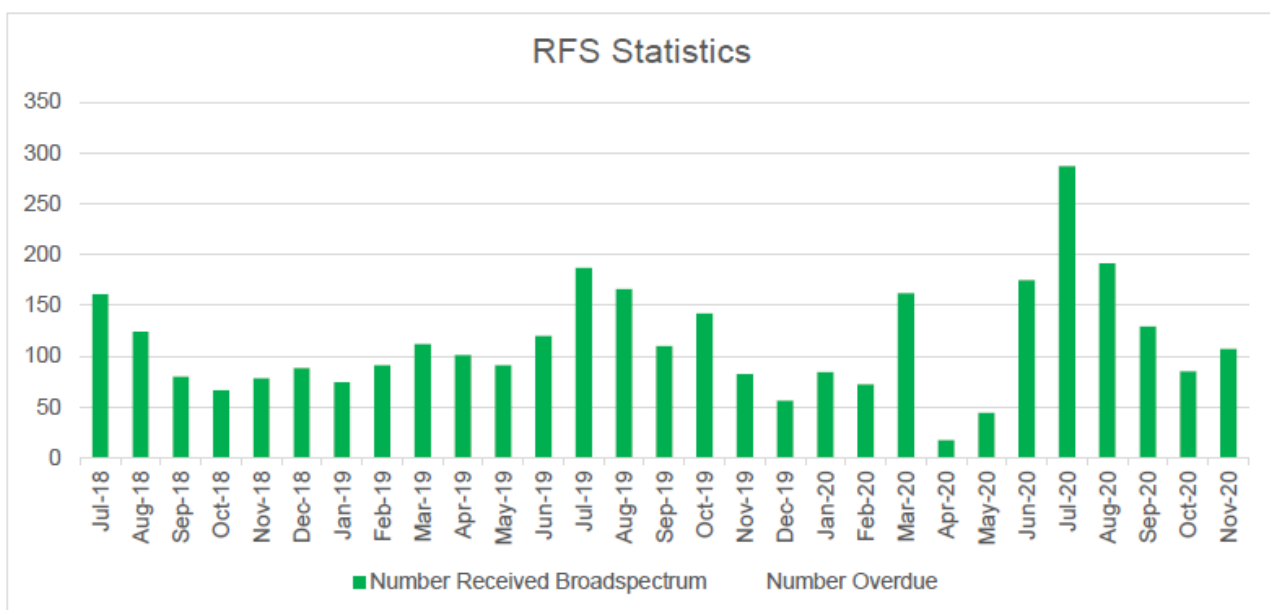
Target Completion – 31/4/21

## ROAD ACCIDENT REPORT

No road accidents to report this month.

## CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for November were available at the time of this report. Ventia received 107 service requests during October 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 compliment on 1/12/20, NRC, NTA and Ventia worked together to remove a large pool of standing water near the edge of the beach.

*Hello,*

*Just a quick update on things from Te Uenga.*

*The team from Broad Spectrum have just completed what I think is a superb job on the problem creek at Te Uenga. After several months of toing and froing with the FNDC and the NRC, I’m delighted to be able to say thank you to all involved in bringing this job to a satisfactory conclusion. As long as nature doesn’t decide to throw something at us out of left field and undo all the good work, I think we may resolved the problem, or*

worst case, reduced it significantly. What once was a 2m deep, foul smelling, dangerous pond at the outfall of the culvert that dribbled onto the beach, is now a back filled graded outfall, that providing we can keep it open, will spill directly onto the beach and out to sea as it once did. I have attached a couple of photographs that show the final result.

To all those involved, from Stuart Beaven initially, Stacey Le Noel later on for her prompt and courteous follow up, Joseph and yourself Doug for being so attentive and Jamie for providing such an expert crew from Ventia who actually did the job, thanks from all residents at the Bay. Can I provide one special mention... and that goes to a young guy by the name of James Hartley who drove the digger and sculpted the restoration. What an excellent, professional and genuine nice guy to have on your team.

Please would you pass our appreciation on to him directly.

I know you guys operate on tight budgets and have a host of competing projects so thanks again for giving this job due priority.

Kind regards,

Mike



*Te Uenga Bay – Culvert outlet to Beach foreshore*

## RAMM ISSUES

Pocket RAMM is still experiencing issues out in the field where assets and dispatches randomly disappear off the screen. This causes major problems with inspections as often assets are not showing on the map so they will be missed in the inspection. As well as jobs/dispatches being duplicated because they are not showing on the screen.

This issue appears to be widely spread and not just for the FNDC maintenance contract.

RAMM support have known about this issue since May but started a couple of months before then. They have tried several fixes without success.

## HEALTH AND SAFETY

No lost time injuries have occurred in our Puketona branch since 29th March 2012, during December we had no notifiable incidents to report.

## ENVIRONMENT

In December 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	11% completed
Rural Vegetation Spraying	70% completed

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





**There is no December Report this month.**

## NOVEMBER SUMMARY OF WORK

Item Number	Item Number Description
CM01.1.1	CMngt Spread - Sealed Pave Mtce WC111
CM01.1.10	CMngt Spread - Drainage Renewals WC213
CM01.1.11	CMngt Spread - Sealed Rehab WC214
CM01.1.12	CMngt Spread - Structure Cmpnt Replace WC215
CM01.1.13	CMngt Spread - Traffic Service Renwl WC222
CM01.1.2	CMngt Spread - Unsealed Pave Mtce WC112
CM01.1.3	CMngt Spread - Routine Drain Mtce WC113
CM01.1.4	CMngt Spread - Structure Mtce WC114
CM01.1.5	CMngt Spread - Traffic Service Mtce WC122
CM01.1.6	CMngt Spread - Cyclepath Mtce WC124
CM01.1.7	CMngt Spread - N&AMngt WC151
CM01.1.8	CMngt Spread - Unsealed Rd Metal WC211
CM01.1.9	CMngt Spread - Sealed Rd Surfacing WC212
CM01.2	Performance Incentive (PS/mth)
DR00.1	Drainage Mtce Dayworks (PS)
DR00.2	Drainage Renewal & Improvements Dayworks (PS)
DR01.1	Routine Drainage Mtce
DR01.1.1	Drainage Mtce (Routine)
DR02.2	Watertable Mtce - Heavy
DR02.3	Watertable Mtce - Rip Rap supply & place
DR04.1	Culvert Marker Replacement
DR05.5	K&C - Subsoil Drainage 100mm dia
DR06.10	Culvert Headwalls (Concreted Rock) <900mm dia
DR06.2	Culvert replace 375 dia 0 - 1.5m depth
DR06.3	Culvert replace 450 dia 0 - 1.5m depth
DR06.4	Culvert replace 600 dia 0 - 1.5m depth
DR06.7	Storm Boss pipe or equiv 375 plastic supply & install
DR08.6	Channel Sweeping High Leaf Fall
DW1.10	DW - Excavator 07 - 14 tonne

Item Number	Item Number Description
DW1.11	DW - Excavator 15 - 25 tonne
DW1.15	DW - Vibrating roller 6 - 10 tonne
DW1.19	DW - Truck (4 - 6 m3)
DW1.2	DW - Grader (12 - 14 tonne)
DW1.20	DW - Truck (6 - 8m3)
DW1.21	DW - Truck & trailer (8 - 16m3)
DW1.7	DW - Tractor (Mower/Broom)
DW1.9	DW - Mini Excavator < 6 tonne
DW2.1	DW - Labourer
DW3.1	DW - Materials (PS)
DW3.2	DW - Materials On-Cost (15%)
FP02.1	Path Concrete Slab Placement
FP02.5	Path Premix Placement
IN01.1	Sealed Road Core Inspections
IN02.1	Unsealed Road Core Inspections
IN03.1	Drainage Inspections
SG01.1	Routine Sign Mtce
SG01.1.1	Sign Mtce (Routine)
SG04.12.1	Sign - Street name(200mm) Arterial/Rural <1100mm VIP d/s
SG04.12.2	Sign - Street name(200mm) Arterial/Rural >1100mm VIP s/s
SG04.13.1	Sign - Street name(150mm) Residential Rds 800mm VIP d/s
SG04.13.3	Sign - Street name Residential Rds NO EXIT supplementary
SG04.16.1	Sign Post - Wooden up to 3.5m long white gloss painted
SG04.16.2	Sign Post - Wooden 3.6 - 4.0m long white gloss painted
SG04.2.1	Sign - RG 600mm dia all circ VIP d/sided
SG04.2.4	Sign - RG-6 'Give Way' 750mm HI
SG04.2.5	Sign - RG 17.1 Keep Left Twin 300x600mm
SG04.3.1	Sign - Chevron Mini PW67 VIP s/sided
SG04.7.1	Sign - PW 600 x 600mm diamond VIP s/sided
SG04.7.2	Sign - PW 750 x 750mm diamond VIP s/sided
SG04.7.3	Sign - PW 900 x 900mm diamond VIP s/sided
SG04.8.1	Sign - PW Supp 600 x 250mm VIP s/sided
SG04.8.3	Sign - PW25 Supp Curve Advisory Speed

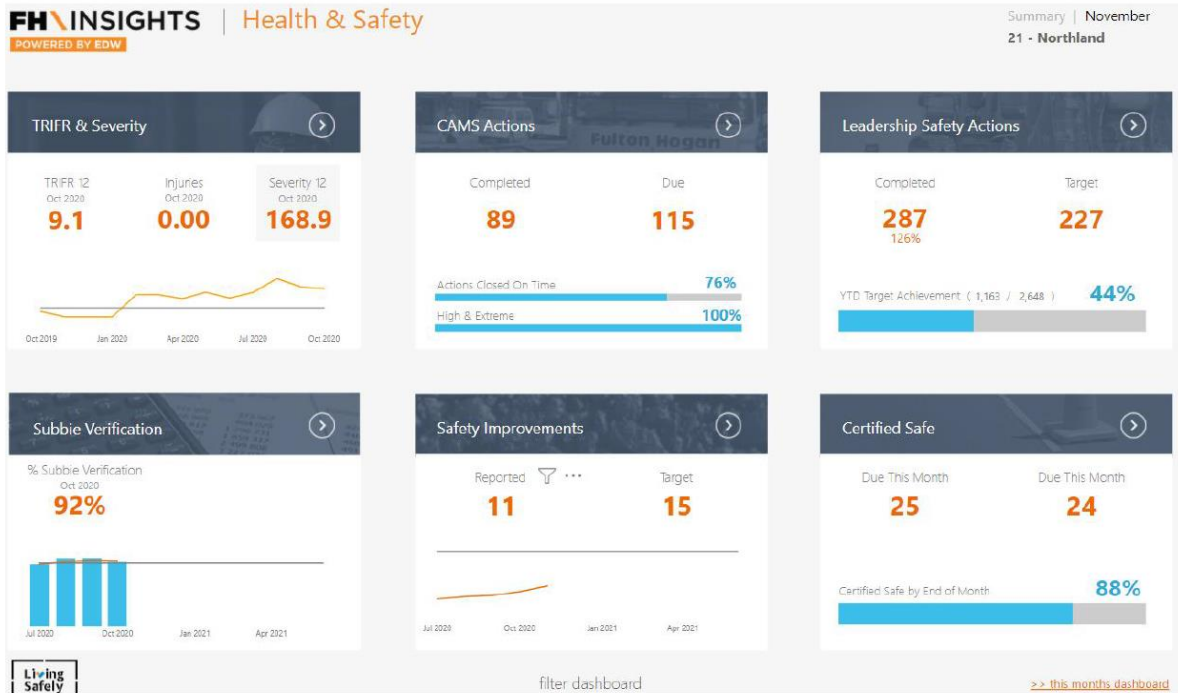
Item Number	Item Number Description
SP00.2	Sealed Pvmnt Renewals Dayworks (PS)
SP01.1	Routine Sealed Repair of Potholes
SP01.1.1	Sealed Repair of Potholes (Routine)
SP02.1	Routine Edge Breaks (<=1m)
SP02.1.1	Edge Breaks (<=1m) (Routine)
SP03.1	Temporary Pvmnt Failure Repairs
SP07.1	Sealed Rip and Remake
SP09.2	High Shoulder removal
SP10.1	Stabilisation Repairs 0-20m <sup>2</sup>
SP10.2	Stabilisation Repairs >20m <sup>2</sup>
SP11.1	Digout 0-300mm depth Excvt&import&backfill
SP11.5	Digout Matting/Geotextile
SP12.1	Routine Detritus Removal
SP14.1	Resurfacing Design and Liaison
SP15.11	Chipseal - Construct VF G5 (Inclusive of bitumen)
SP15.12	Chipseal - Construct VF G6 (Inclusive of bitumen)
SP15.17	Chipseal - Construct Wet Lock G5 (Inclusive of bitumen)
SP15.5	Chipseal - Construct G2 Chip (Conventional Binder)
SP15.6	Chipseal - Construct G3 Chip (Conventional Binder)
SP16.1	Thin AC - Membrane Seal
SP16.3	Thin AC14 Supply & lay 50mm (min thickness)
SP17.2	Rehab (Large) Invest./Design & Liaison(>\$100000) (%)
SP18.1	Rehab - Cut to waste and dispose
SP18.2	Rehab - Undercut Shlder Prep (solid measure)
SP18.4	Rehab - Supply place & compact AP40 Agg (loose meas)
SP18.6	Rehab - Stabilise 250mm (<2% lime/cement)
SP18.7	Rehab - First coat seal (G3/5)
ST01.1	Routine Bridge Maintenance
TD03.1	RRPMs - Replace & new all colours mono and bi-directional
TD04.1.1	Newmark - 100mm CL white dash 220 micron with beads
TD04.1.6	Newmark - 100mm EL white 220micron with beads
TD04.2.2	Newmark - GIVE WAY Int complete (max 50m long) beaded
TF01.1	Routine Flexible Marker Post Straighten & Annual Clean

Item Number	Item Number Description
TF03.1	Flexible Marker Posts Replace and Install
TF04.1	Routine Railing and Barrier Mtce
TF04.1.1	Railings and Barrier Mtce (Routine)
UR01.1	Routine Unsealed - Pothole Repairs
UR01.1.1	Unsealed - Pothole Repairs (Routine)
UR02.1	Routine Unsealed - Surface Grading
UR02.1.1	Unsealed - Surface Grading (Routine)
UR02.2	Unsealed - GAP20 or GAP30 Supply place compact mtce agg
UR06.1	UnsPvmtStrgth - GAP40 or GAP65 Supply place compact
UR07.1	UnsWearing Course - Supply cartage place
VC01.1	Routine Vegetation Envelope Mtce
VC01.1.1	Vegetation Envelope Mtce (Routine)
VC04.2	Routine Roadside Mowing (FNDC)
VC04.2.1	Roadside Mowing (Routine)

## HEALTH & SAFETY

**No injuries this month.**

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	1	2	81
Medical Treatment Case (MTC)	0	0	886
First Aid Injury (FAI)	0	0	886



## QUALITY AND TRAINING

### ***Environmental non-compliance notices issued***

Nil non-compliances to report.

### ***Notice to Contractor issued***

Nil.

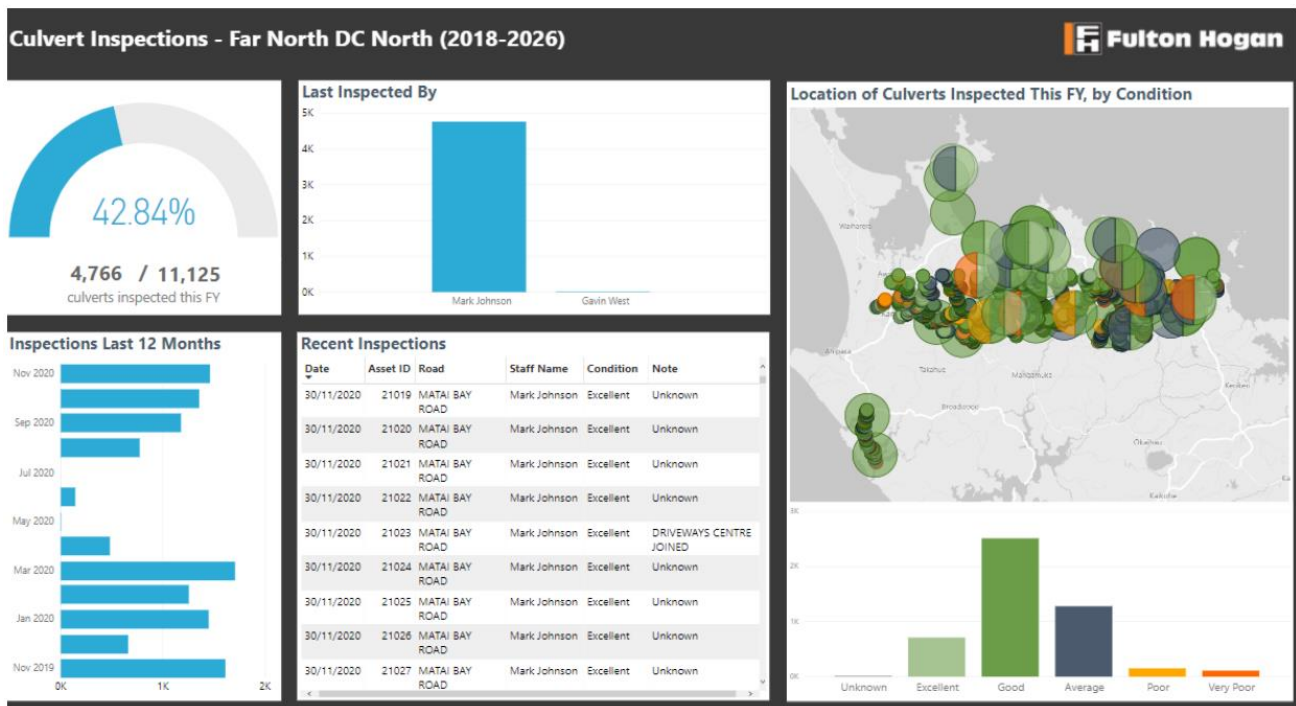
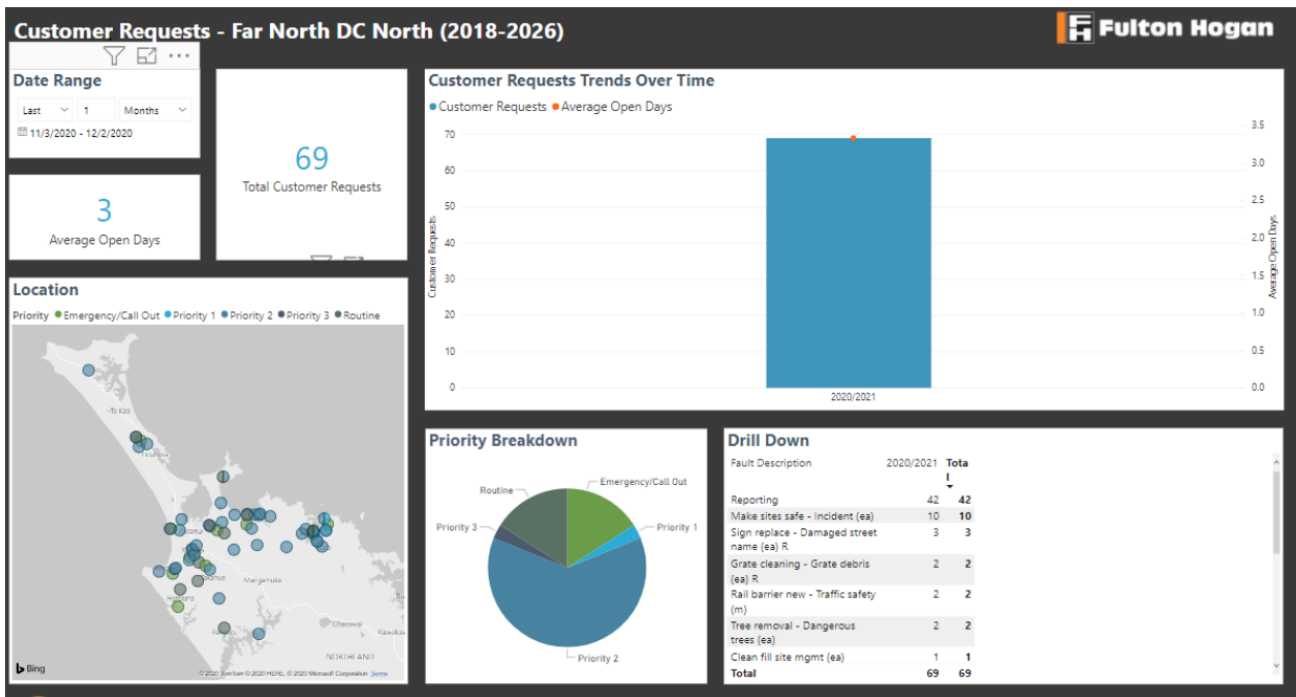
### ***Training***

Inductions for Subcontractors.

### ***RAMM Issue for the month***

Nil.

## CUSTOMER SERVICE



## FEEDBACK

RFS: 4036780

Leanne Covich

02-Dec-2020 15:31:07

Thank you for grading and metal on Pukewhai Rd - Tanya said it was an excellent job done.

Leanne Covich

## DECEMBER PROGRAMME

The maintenance activities programmed for December 2020 relate to routine sealed and unsealed maintenance activities such as grading, sealed and unsealed potholes, unsealed road metaling etc.

- The Pawarenga Road Pavement Rehabilitation (Site 1) enabling works are well under way and digouts are being completed, so metal will be starting to be run in.
- Watertabling, clearing, tree work, culvert replacement, will start and be ongoing on Peria Rd seal extension, seal first 1.3 km.
- Church Rd Seal Extension drainage and enabling works will continue.
- Reseal patches will continue.

Closedown on December 18th and return 5th January





**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 12 km. SCRIM sites planned to be completed in Dec 2020.
Low Cost / Low Risk	\$5.3M	40%	Amber	<p><b>Far North District Council Projects</b></p> <p><b>Resilience projects:</b> SH1 Otiria Flood Mitigation due to COVID19 has been tendered but the start date is 18th January; SH10 Bushpoint works are 90% completed.</p> <p><b>Safety projects:</b> Moerewa Pedestrian Safety raised platform pedestrian crossing design completed ready for final consultation prior to works being completed. Kaeo Pedestrian Safety concept design completed installation after Waitangi weekend.</p> <p><b>Walking and Cycling Projects:</b> SH11 Haruru Falls Design – geotechnical works review completed. NTA have provided an alternative design Waka Kotahi are reviewing.</p> <p>SH12 Omapere to Opononi 3km – Building a shared user path in collaboration with NTA work to tie into current NTA renewals work.</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 design is completed. Works will begin in late January 2021 with street light installation before pavement works in mid-February 2021.</p> <p><b>Kaipara District Council Projects</b></p> <p>SH12 Signs &amp; Delineation West of Maungaturoto 80% completed to finish prior to Christmas.</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. All are in design with delivery early January.</p> <p><b>Mangamuka Gorge:</b> The Gorge is closed due to the July Storm Event. Remedial works started with double shifts to complete the piles to secure the road we have. Final design for realignment is 95% complete and final costs for review. On target to open to one day over Christmas for light vehicles. Slip 7 is part of the second phase of works as this will have piles and the team will move to this site once all piles at Site 8 are completed.</p>
SH1: Dome Valley Safety Improvements	\$31.7M	Late-2021	Green	<p>Work commenced on Stage 3 late November resulting in the temporary closure of the south bound passing lane north of the Dome Valley summit. Stage 5 is planned to commence this month, and this will result in the temporary closure of the north bound passing lane south of the Dome Valley summit. During these closures the team will widen the road and install soil nails to help stabilise the bank. Eventually both passing lanes will be permanently closed to enable a wider centre line in places and flexible median barriers in others, to improve safety on this stretch of road. Stages 2 and 4 are nearing completion. Flexible safety barriers will be installed in Stage 2 later this year and in Stage 4 early next year.</p> <p><a href="#">SH1 Dome Valley   NZ Transport Agency</a></p>
Northland speed review		2021	Green	<p>SH10 Awanui to Kaingaroa - a second round of public consultation is underway on proposed new speed limits along SH10 between Awanui and Kaingaroa. We have refined the proposal we consulted on late last year to include variable speed limits outside two marae on this corridor. Consultation closes on Sunday 20 December 2020.</p> <p><a href="#">Speed Review Locations   NZ Transport Agency</a></p>
<p>SH1 Whangārei to Te Hana</p> <ul style="list-style-type: none"> <li>- Whangārei to Port Marsden Highway - NZ Upgrade Programme</li> <li>- Port Marsden Highway to Te Hana</li> </ul>		Late – 2027/8	Green	<p>The emerging preferred corridor for the four-lane corridor between Whangārei and Port Marsden Highway (SH15) was announced W/C 23 November. The emerging preferred corridor includes upgrading the current state highway to four lanes (with some sections built offline to straighten out curves), with a separated walking and cycling path.</p> <p>Ground investigations and affected landowner consultation is underway, with further public engagement following in early-2021.</p> <p>The preferred option will be confirmed by mid-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 late-2021, 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>

Activity	2018-21 NLTP	Completion	Progress	Commentary
<b>SH1 Whangārei to Wellsford Standard Safety Intervention (Road to Zero)</b>	\$4M	Underway	Green	Procurement for construction is underway for Whangārei to Port Marsden Highway (Northern) section. Subject to funding and approvals, implementation is programmed for early-2021. Construction (at the northern extent) will be coordinated with the Loop Road project. Procurement for detailed design and consenting for the Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford) is underway, with pre-implementation programmed to start early-2021. <a href="#">SH1 Whangarei to Wellsford   NZ Transport Agency</a>
<b>SH1 Warkworth to Wellsford</b>		Route protection	Green	Resource consent hearing has concluded. Auckland Council's decision on resource consents and recommendation on the Notice of Requirement (NoR) is due 15 December. Appeals on the resource consents are to be lodged by 26 January and Waka Kotahi's decision on the NoR will be due by 17 February 2021. <a href="#">SH1 Warkworth to Wellsford</a>
<b>SH1 corridor improvements – Whangarei (Tarewa Road)</b>	\$53.34M	Early-2020	Green	COMPLETED <a href="#">SH1 Tarewa Road Intersection Improvements   NZ Transport Agency</a>
<b>SH1 Loop Road Safety improvements</b>	\$48.76M	Early 2022	Amber	State highway traffic is now on the single lane roundabout at Loop Road/SH15. Minor intersection improvements commence for Otaika Valley Road (SH15)/Loop Road intersection early January. Regional consents have been lodged with Council for the dual-lane scheme (additional southbound lane and new two-lane bridge). <a href="#">SH1 Loop Road Safety Improvements   NZ Transport Agency</a>
<b>SH10 Kaeo bridge</b>	\$21.95M	Late 2022	Amber	This project is at the end of the design phase. Resource consents have been approved by Far North District Council and Northland Regional Council. All property agreements have been signed, an archaeological authority has been issued and a wildlife permit has been granted. We are working with local iwi/hapū on cultural design elements. <a href="#">Kaeo Bridge   NZ Transport Agency</a>
<b>SH10 Waipapa corridor improvements</b>	\$24.5M	Early 2021	Green	The roundabout and SH10 have now been sealed with asphalt and much of the kerbing in these areas is complete. Road pavement work and kerb and footpath installation continues across the site. The roundabout and SH10 approaches are on track for completion by December 2020, with the remainder of works to be complete in April 2021. Work will shut down from 23 December to 5 January to help keep holiday traffic flowing through the town. No major works are planned for SH10 or Skippers Lane until after Waitangi weekend. <a href="#">SH10 Waipapa Corridor Improvements   NZ Transport Agency</a>
<b>SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)</b>	\$6M	Mid 2021	Green	Traffic flowing through temporary intersection and construction of retaining wall underway. Roundabout component is being constructed with asphalt scheduled for early December.
<b>SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)</b>	\$15M	Mid 2021	Green	Temporary roading for SH10 and SH11 traffic sealed and temporary intersection now operating. Roundabout is under construction off line with asphalt scheduled for early December.
<b>SH12 Rawene Road intersection improvements (NZ Upgrade Programme)</b>	\$0.5M	Late 2020	Amber	Construction of safety improvement elements is scheduled for December.

# 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 December Far North Waters experienced no LTI's and one MTI, and we are currently operating with 1,188 days LTI free. We attended 422 requests for service (RFS) call outs in December, up from 356 in November. Planned Maintenance (PM) for December was 100% out of a total of 48 jobs. All the backlog for Planned Maintenance work has now been completed.
- • Almost all of December was spent working through the 3 Waters Reform DIA request for information spreadsheet in partnership with the FNDC team working on the same document. While a significant proportion of the spreadsheet was completed prior to the Christmas break, much of the required information is still outstanding and will be completed on return to work in the New Year.
- • Post pH dosing is now achieved using caustic soda instead of Sodium Carbonate. It has been a success and saves time and effort for the operator. This change was brought about after a national shortage of sodium carbonate occurred before Christmas.



## CHALLENGES

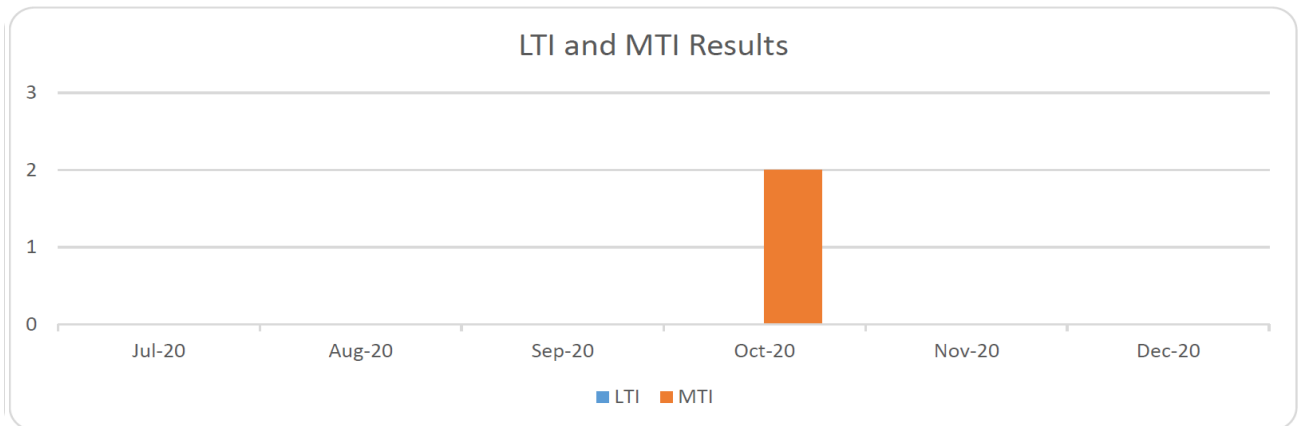
- **Kerikeri WTP:** During summer months filling of the Waipapa water reservoir has been an issue over the years due to certain parts of Kerikeri feeding off the supply line to Waipapa from Kerikeri. To date we have removed the water carriers from filling and have been able to reduce filling times, which allows us to not fill at peak times. There is a section of watermain to be upgraded outside the police station, which is being completed on Tuesday 12th January, which we are hoping will allow more flow through the water line to help with low pressures.
- **Environmental wastewater spill to water:** On the 27th of December there was an environmental spill at 2 Du Frense Place, Tapeka, Russell. There was a blockage in the gravity wastewater line causing the manhole near the stormwater drain to overflow which goes to the beach. The caller was not impressed with situation of wastewater being in the drain. We followed our process by sampling upstream and downstream. The customer was still very unsatisfied with the service and we were then instructed to pump the water out of the drain which we did. All escalations were made, and signs installed.
- **Paihia Water Treatment plant:** The plant has been pushed to its extreme with the plant producing 150 cubes which is the maximum the plant can make. With Tourism being at its highest population in years this has really put pressure on our operators and the plant. The water carriers that were filling from Te Haumi were shifted to fill from Moerewa and Kaikohe so the plant could keep up. Once the trucks were removed, we had 149 cubes coming into the plant and 148 cubes leaving the plant meaning we had one cube left. The reservoir was unable to recover for days as the usage was so high. Also, pH levels in the Waitangi River are on the rise. Currently it is 7.9, as it approaches 8 and above, it becomes harder to maintain efficient dosing. We have received two quotes to provide a containerised pH correction unit. Divers were deployed to clean the intake screen before the summer onslaught.
- **Kerikeri SLP:** The Sewer Low Pressure system is slowly being commissioned by United Civil and new pumps are being installed. A better handover system is required as we are unsure of when pumps will be installed and when we will receive handover of this SLP system. Escalation required.
- **Kerikeri new WWTP:** Commissioning and testing procedure is in progress; some outstanding jobs must be completed in January.
- **Ngawha Sewer Low Pressure system:** New pumps arrived and have been installed. We are continuing to get called out to Ngawha for blocked pumps and alarms going off, but it is manageable now due to having spare pumps. We still require some form of comms or letter drops to all communities with the SLP systems on educating them of products you can and cannot flush into the system.

## RISK

The risk identification and assessment process being undertaken for the district water treatment plants with the development of a generic risk universe template for water treatment plants was put on hold in early November due to commitments with the Internal Operating System Audits and then the DIA RFI.

This assessment work will be reinvigorated early in 2021 with a view to have comprehensive risk registers and risk evaluation summaries in place at each of the nice district water treatment plants by mid-2021.

## HEALTH AND SAFETY



The one FAI sustained during December was while a staff member was lifting 20 litre containers of Hypo from the tray of Ute. This staff member did not brace herself for the weight causing her to jerk both forearms causing slight pain.

### Key Activities

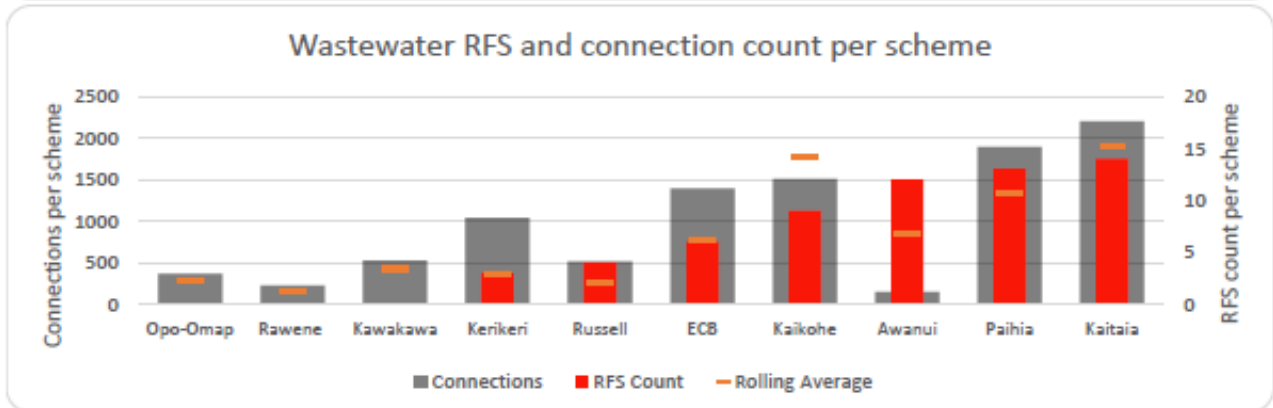
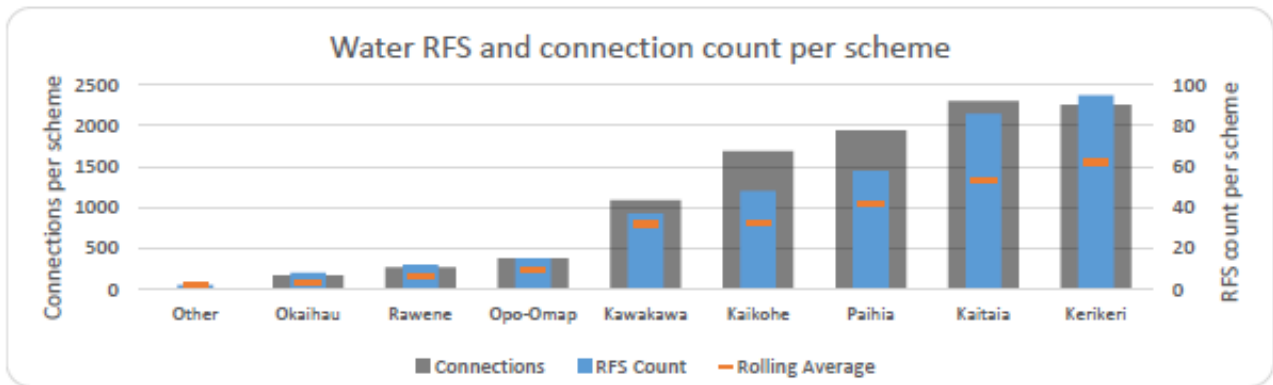
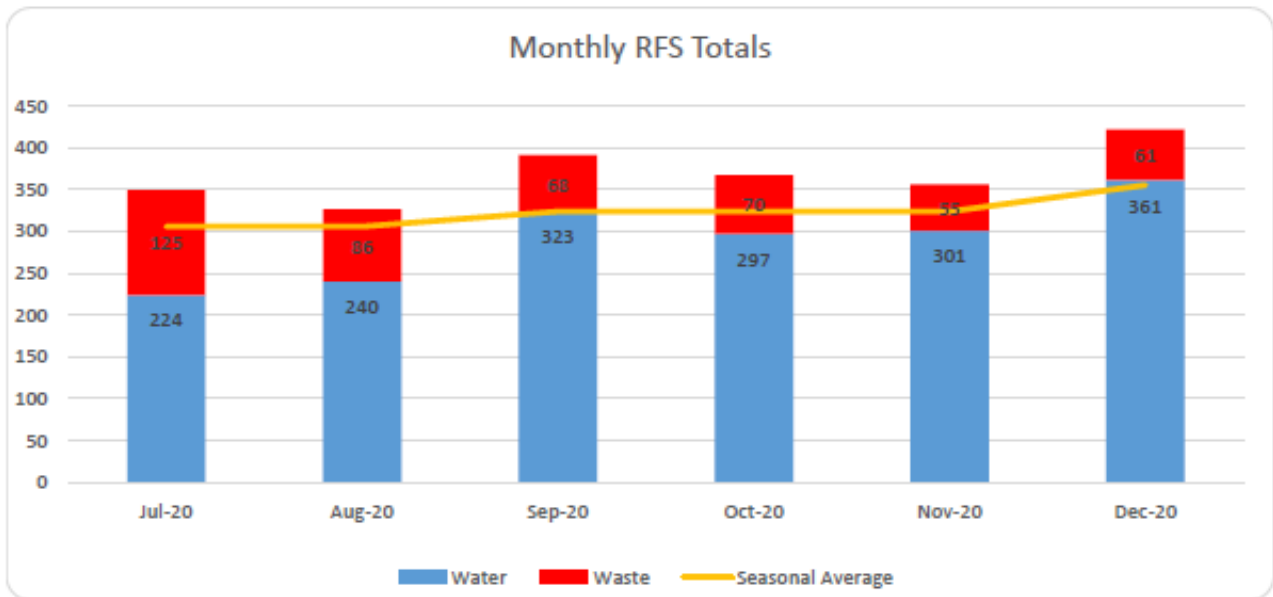
- LTI's & MTI's - Nil
- Asset Strikes - Nil
- Equipment - Close Call - Nil
- First Aid Injury (FAI) - One
- Environment incidents – One (Tapeka, Russell)
- HSE Management Plan in review
- Kerikeri WWTP - Commissioning Audit - delivered
- HSE Field staff meeting scheduled 10th December 2020
- Regional HSE meeting scheduled 26 December 2020

## CUSTOMERS

The request for service (RFS) total for December was 422, up from 356 in November. The total for December 2019 was 360, and December 2018 was 334. The December RFS count of 422 is an increase of 17% from 2019 and 26% from 2018. Water RFS jobs are starting to increase as we are now in summer, which is putting more pressure on our water crew. We have a new employee starting 11th January which will assist with the increase in water RFS jobs.



Ongoing Water loss between Omanaia and Rawene WTPs. We were continuing to lose 3 to 4 cubes an hour and were unable to see the leaks while walking the water line. Leak Detection services were called in to assist. On the 20th of December, Leak Detection services were successful in finding two leaks. Once repairs were complete water loss returned to normal.



## PROJECTS

- The current focus is to continue to price so we have more work in hand, we submitted \$400k worth of Variation Requests this Month.
- Kawakawa WTP – Work is 99% completed, internal audit to be scheduled over in January. Updated PLC



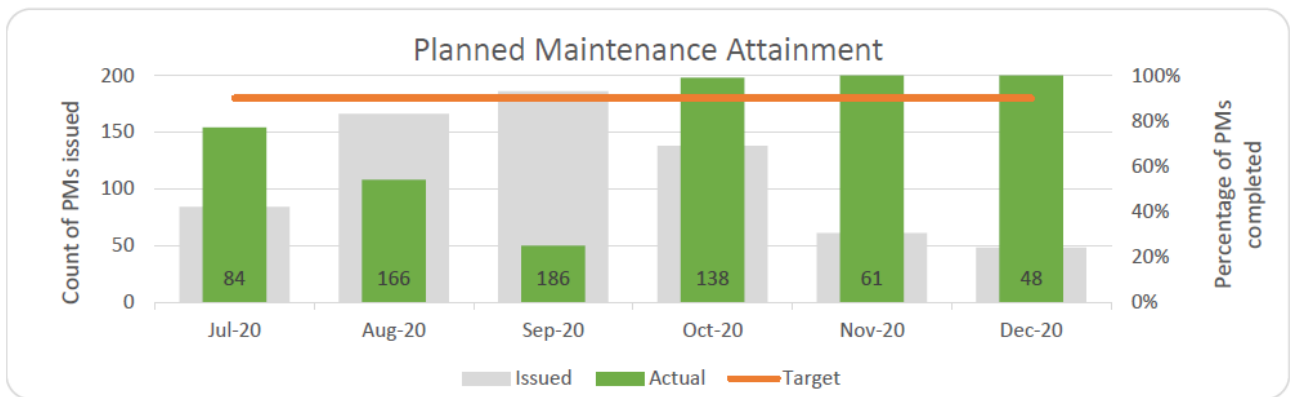
to be installed, this will not be completed until January 2021

- 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.
- Reaching out for work outside of the “Long term Plan” will be a priority to reach targets and to retain staff.

## ASSETS

Planned Maintenance for the month of December was 100% for a total of 48 jobs.

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





**PUKETONA  
JUNCTION  
INTERSECTION  
IMPROVEMENTS –  
CONSTRUCTION  
UPDATES**



## UPDATE – 4 DECEMBER

Our first section of asphalt is now on the road surface at the Puketona roundabout site and we're gearing up for application of the next structural layer. See details below regarding upcoming night works and the roundabout operating.

### **Wednesday 9 and Thursday 10 December**

Asphalt work will be undertaken at night. During these night works there will be some work on the tie-ins (connections) between the existing and new roads, which will involve single-lane stop/go traffic control under a 30km temporary speed limit.

### **Sunday 13 December**

Asphalt work will be undertaken at night, between the bridge on SH10 and the roundabout. Please note, there will be no allowance for over dimension loads during this night works and an alternative route will need to be found.

### **Monday 14 and Tuesday 15 December**

Road sealing will be undertaken at night, on the connection between the bridge on SH10 and the roundabout. This will involve either:

- single-lane stop/go traffic control under a 30km temporary speed limit

Or

- a detour for all traffic (due to the narrow width at the bridge)

We will advise of traffic management for these nights once safest plans are determined next week.

At the completion of these works the roundabout will be opened to traffic. Because we will continue to work around the new roundabout until early 2021, a 50km temporary speed limit will remain in place. Manual traffic control will still continue through the first part of the new year as we complete works around the intersection.

The week commencing Monday 7 December, the new streetlight in the centre of the roundabout will be installed and lit up at night.

## UPDATE – 10 DECEMBER

A change to our asphalt program means there will be no night works Wednesday and Thursday this week.

The night works schedule will roll out as follows:

### **Sunday 13/12 – Wednesday 16/12 (inclusive)**

- Night works for asphalt and building/surfacing the bridge tie in.
- A detour will be in place for all traffic via Te Ahu Ahu Road and SH1 from Monday 14/12 – Wednesday 16/12, between 8pm – 6am, due to the narrow width at the bridge.
- The evening of Thursday 17/12 will remain a contingency night in case of bad weather or otherwise.

On Tuesday 15/12 and Wednesday 16/12, the road surface at the bridge connection will be metal as we prepare it for sealing.

Early next week we will update you on progress. If you have any questions regarding the upcoming activities please get in touch.

## UPDATE – 19 DECEMBER

The crew at Puketona have been working hard over the last few weeks to reach the big milestone of an operating roundabout for Christmas.

After today's successful concrete pour we can confirm that this will occur under night works this Monday, 21 December. Details below.

### **Monday 21 December**

From 7pm, manual traffic control and a 30km temporary speed limit will be in place. In order to line mark the connection between the old and new roads, traffic will be stopped at all three entry points:

- SH11 to/from Paihia
- SH10 northbound
- SH10 southbound

This stoppage will be approximately 10 minutes at each entry point to allow work to be completed and cones and barriers shifted. When traffic is released, all directions will then travel onto the new road and use the roundabout. Once traffic is using the new road, we will focus on creating entranceways for Junction Café and BOI Country Lodge. This work will be done away from traffic.

Work at Puketona Junction will continue until midday on Wednesday 23 December, we will then take a break until midday Tuesday 5 January.

Thank you for your patience and understanding during our construction this year, and please drive with care this holiday season.

See you in 2021.



**KAWAKAWA  
INTERSECTION  
IMPROVEMENTS –  
CONSTRUCTION  
UPDATES**



## UPDATE – 4 DECEMBER

Kerb installation has taken place at the intersection this week, under manual traffic control. The volume of traffic on the state highway and travelling through Kawakawa has increased significantly in the last few weeks, this had quite an effect on the queues yesterday and we acknowledge the impact this had on everyone. We are reviewing the upcoming day works over the next two weeks and how we will manage the traffic and safety of the site while we have crew on the roadside. We are looking at all potential alternatives to try and avoid this level of congestion. Summer holiday traffic appears to be on our doorstep already and this makes managing the traffic at the intersection far more intricate.

Coming up before Christmas holidays, we have the following activities planned.

### **Sunday 6 / Monday 7 / Tuesday 8 / Wednesday 9 / Thursday 10 December - night**

Night works to complete the next layer of asphalt. One lane, stop/go, manual traffic control will be in place from 7.00pm, with a 30km temporary speed limit. After this layer is finished the ride through the intersection will be much smoother, however this is not the final layer and further asphalt will be applied to the road surface in the new year. During these nights we will also be carrying out drainage works and streetlight installation, which will remove the need to do these under manual traffic control during the day.

### **Monday 7 to Friday 11 December - day**

Drainage works (installing culverts and manholes) to connect to the previously installed drainage lines, as well as some large outlet structures to the eastern side of the intersection. We will also tackle some enabling works for the street light installation.

There are 14 new street lights around the intersection, which will provide improved safety and visibility at night. These will be lit up within a week of being installed.

Work continues on the retaining wall and building the new, wide footpaths from the corner of SH1 up towards Queen Street. Concrete for the footpaths will be poured in the week beginning Monday 14 December, ready for the holiday period.

When we close up site for Christmas, we will move our security fencing to allow the car park and memorial to be open for the community and visitors to Northland. When we return in the new year (Tuesday 5 January) we will review how much of the car park is required for the remaining works and if we can reduce our occupation in that area.

## UPDATE – 11 DECEMBER

In order to complete our pre-Christmas work away from day-time traffic, we will be conducting a final lot of night works next week.

### **Monday 14 – Wednesday 16 December**

Night works to complete street light installation and concrete pouring for kerbs and traffic islands will take place between 12:00am midnight and 7:30am. Manual traffic control and a 30km temporary speed limit will be in place.

Under normal circumstances, night works would be off the road by 6:00am for peak hour traffic. Because of supply hours for our concrete, we need to extend this to 7:30am next week. We will be monitoring traffic queues closely between 6am and 7:30am so we can respond quickly to any excessive congestion. Thank you for your understanding while we deal with the technicalities of this work during a heavy traffic period.

You can view a time lapse video of the Kawakawa intersection on the Waka Kotahi Northland Facebook page: <https://www.facebook.com/nztanorthland/videos/426886774999750>

## UPDATE – 16 DECEMBER

Tuesday and Wednesday's night works have been rescheduled. They will take place Thursday night (17 Dec) and Sunday night (20 Dec), between 10pm and 7.30am. These will be the last night works for 2020.

By 12 midday on Wednesday 23 December the site will be packed up for the holidays, until midday Tuesday 5 January 2021.

We wish you all a safe, happy and peaceful holiday season.

## UPDATE – 21 DECEMBER

Due to weekend supply issues Sunday's night works will now take place tonight – Monday 21 December.