



Far North
District Council



Infrastructure and Asset Management

Monthly Business Report

NOVEMBER 2020

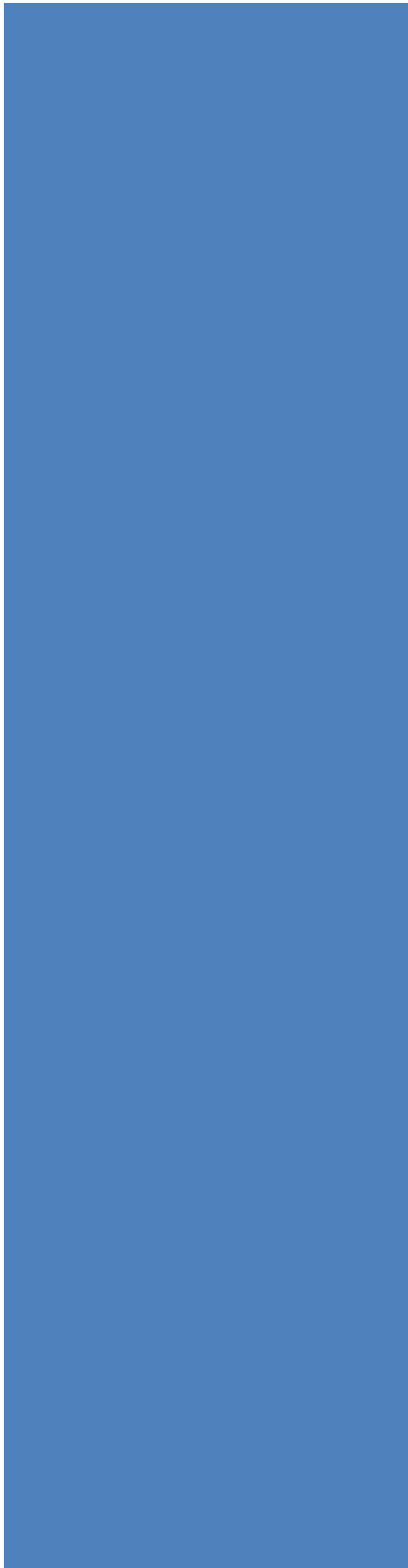
HE ARA TĀMATA
CREATING GREAT PLACES
Supporting our people

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SUCCESSSES



District Facilities –

Recreational Services Stars

From: Rob Stewart
Sent: Wednesday, November 25, 2020
To: Recreational Services
Subject: Good Feedback from Rarere Tc

Hi Alf

Some good feedback for your team.

Compliment for the Recreational Services workers that worked on council site near Rarere Terrace in Kerikeri.

The customer complimented them on their professional attitude and the lovely manner. They responded back to her in a way that has given her faith in our council workers and felt they went above and beyond expectations. "Please find them and congratulate them."

Cheers, Rob

Cleaning up!

30th November 2020

Another compliment - goes to Ngawaiata, Estee and OCS for their quick response.

Hi Nina

From all of us here in the CE Office in Kaikohe – thank you so much for organising the cleaning after the possum incident.

The gentleman that came did a fantastic job and we are all so grateful!

Thanks again

Ellen

Roading –

Slowing it down

From: Roothing Alliance
Sent: Friday, November 27, 2020 11:03 AM
To: Aram Goes; Calvin Thomas; Stuart Beaven
Subject: RFS 4*****: Compliment.

Good morning

We received the following compliment.

Tracey, called re speed bump upgrade in Kerikeri township and how much better it is since the upgrade, she is very happy and asked me to pass it on.

Thanks
Elbie

Keeping the dust down

27-Nov-2020 09:24:25 - Angela Nelson - G

Customer has phoned to 'thank' Aram Goes for arranging dust suppressant to be placed outside her property this morning following her phone conversation with you on Monday 23 November 2020. She is very grateful - 'thank you'

Grading Pass

From: Elbie Serfontein

Sent: Tuesday, 1 December 2020 8:53 am

Subject: RFS4***** - Compliment

Good morning everyone

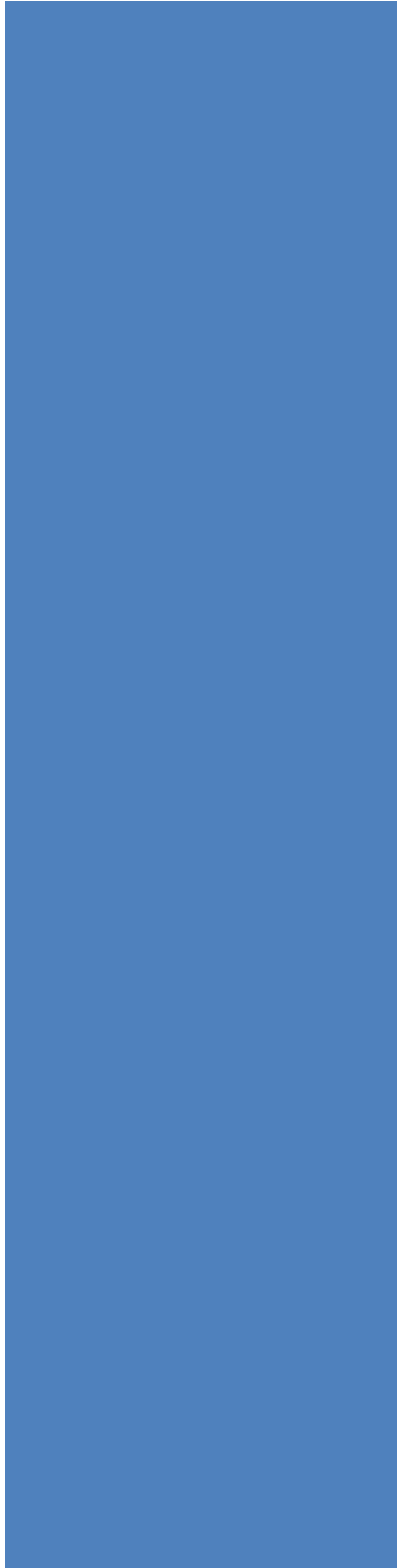
Can you please pass on the following message to your grading team? Address: Rangihoua Road and Porirua Road, Kerikeri.

The customer has called today to pass on his compliments regarding the awesome grading work done on Rangihoua Road and Porirua Road, he is very happy with the maintenance and thanks Council and our Contractors. We have thanked the customer for taking the time to contact us with the great feedback :) Good Work

Thanks, Elbie



**CAPITAL
SPEND
ANALYSIS**



NOTE: Novembers capital report was not available at the time of publication.

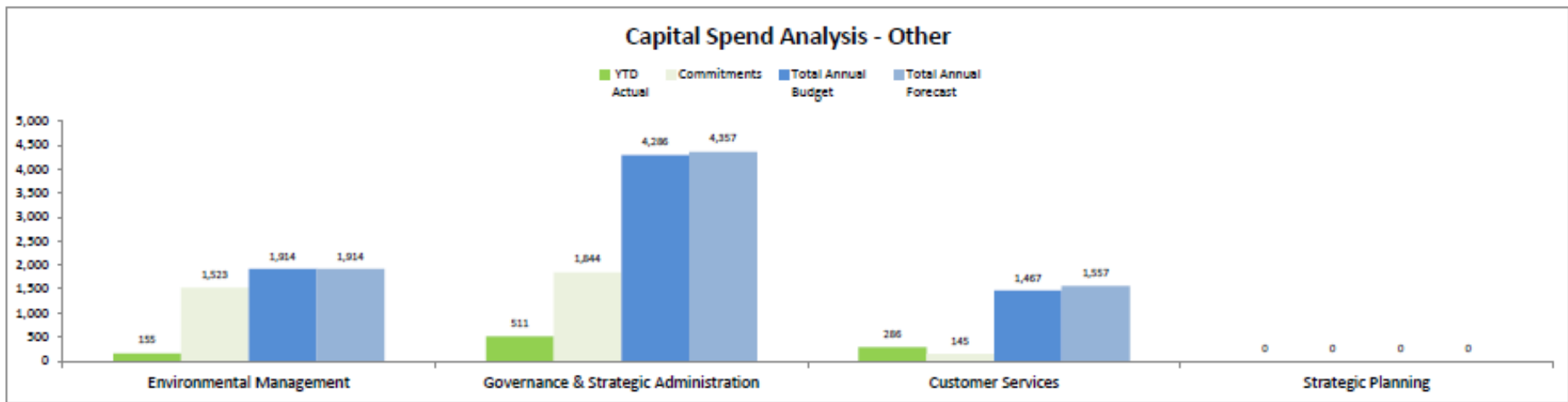
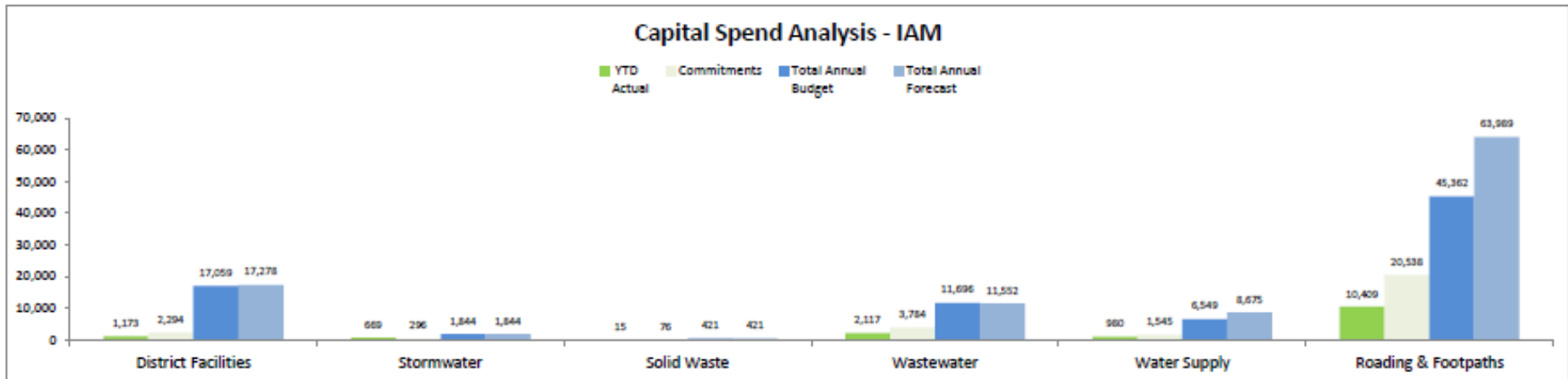
Capital Spend Analysis

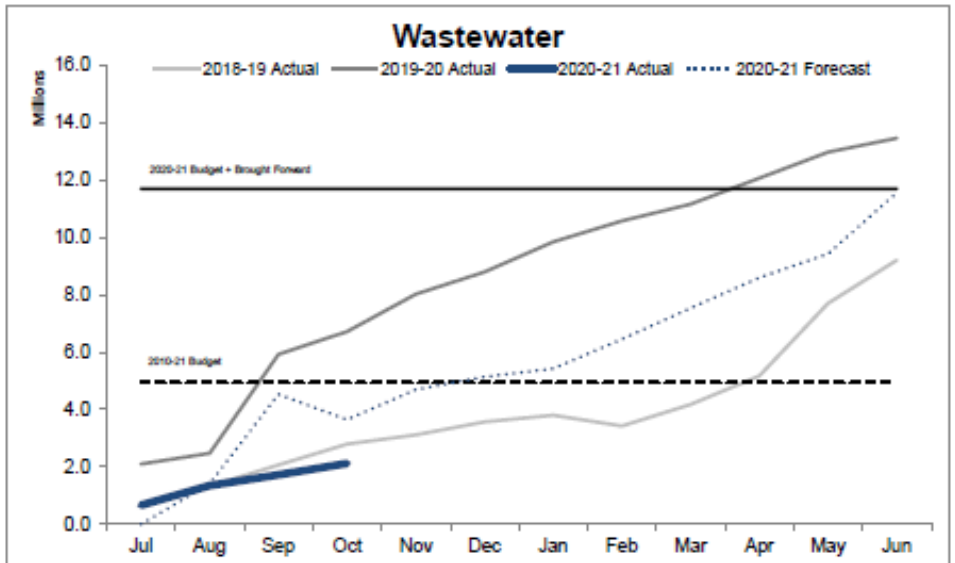
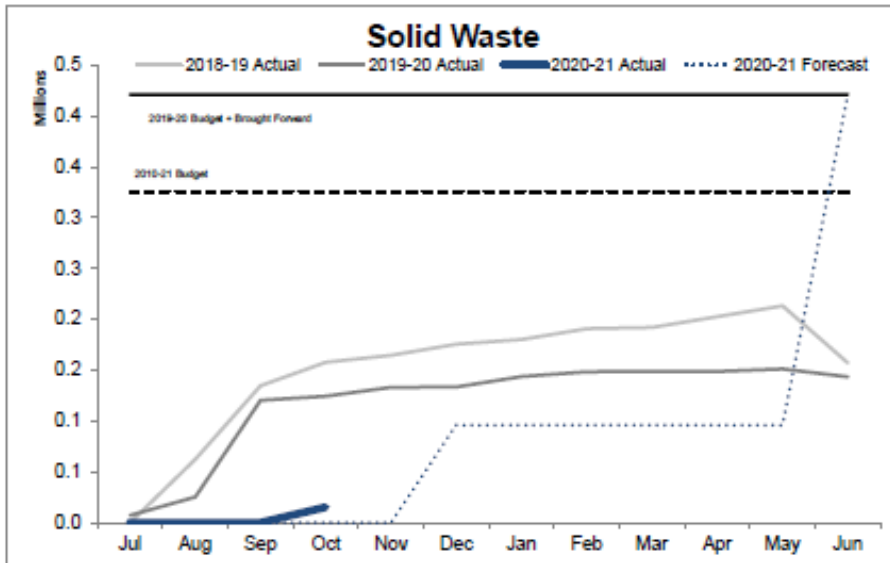
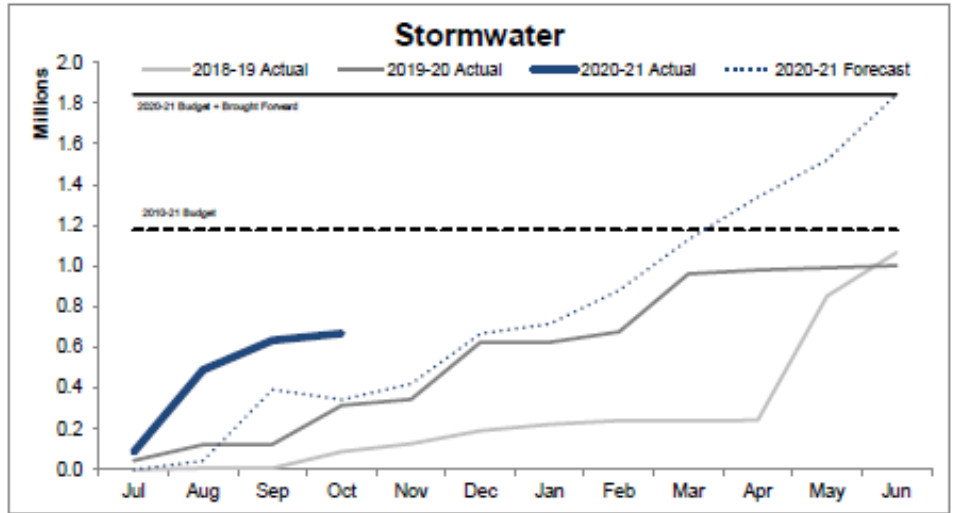
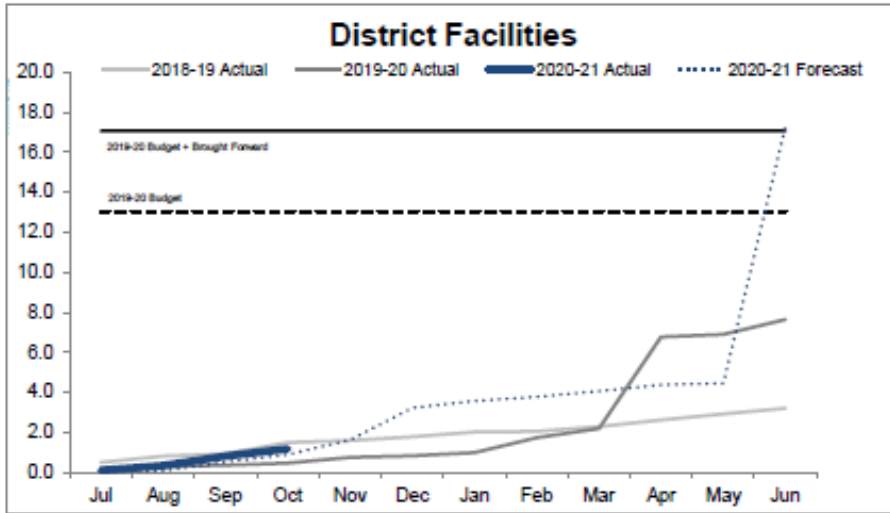
as at 31-Oct-2020

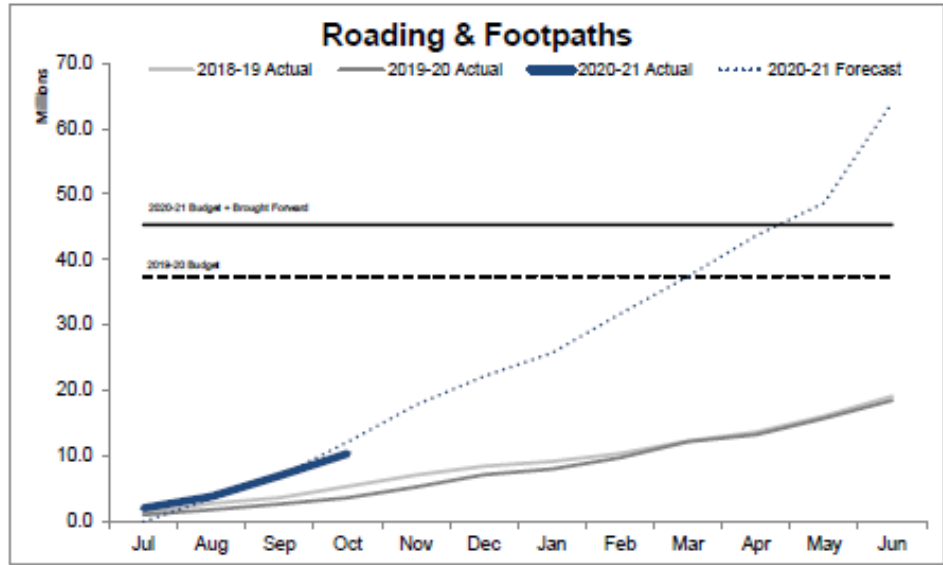
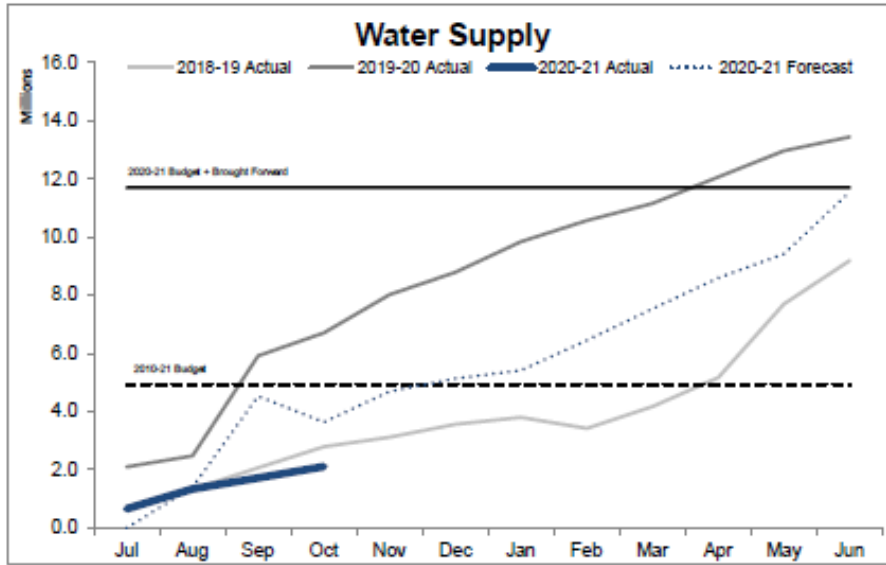
LTP Group	YTD (\$000's)		Full Year (\$000's)							
	YTD Actual	Commitments	LTP Budget	Carry Forward Budget	Total Annual Budget	Actual vs Budget %	Total Annual Forecast	Actual vs Forecast %	Forecast vs Budget %	Forecast vs Budget Variance
District Facilities	1,173	2,294	13,028	4,031	17,059	6.9%	17,278	6.8%	101%	220
Stormwater	669	296	1,179	666	1,844	36.3%	1,844	36.3%	100%	0
Solid Waste	15	76	325	96	421	3.6%	421	3.6%	100%	0
Wastewater	2,117	3,784	4,936	6,760	11,696	18.1%	11,552	18.3%	99%	(144)
Water Supply	980	1,545	4,495	2,054	6,549	15.0%	8,675	11.3%	132%	2,126
Roading & Footpaths	10,409	20,538	37,388	7,974	45,362	22.9%	63,989	16.3%	141%	18,627
IAM Total	15,365	28,533	61,351	21,580	82,931	18.5%	103,760	14.8%	125%	20,829
Environmental Management	155	1,523	0	1,914	1,914	8.1%	1,914	8.1%	100%	0
Governance & Strategic Administratio	511	1,844	2,334	1,952	4,286	11.9%	4,357	11.7%	102%	70
Customer Services	288	145	533	933	1,467	19.5%	1,557	18.3%	106%	90
Strategic Planning	0	0	0	0	0	0.0%	0	0.0%	0%	0
Other Total	951	3,512	2,867	4,800	7,667	12.4%	7,828	12.2%	102%	160
Total	16,316	32,045	64,219	26,380	90,599	18.0%	111,588	14.6%	123%	20,989

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 is being prepared to be submitted on 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.

The Okaihau-Kaeo-Waimate Speed Limit Review programme is nearing completion with Contractors scheduled to complete sign installation from 11th December 2020 to 22nd January 2021. The new speed limits become enforceable on 25th January 2021 and we are presently engaging with external partners, including NZ Police, on implementation plan and local enforcement approach. Following this implementation, the focus will move onto the North Hokianga / Ahipara area reviews.

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. To date over 80% of the annual programme has been awarded for construction.

Waka Kotahi NZTA were on site in late November / early December to complete both a Technical and a Process Audit. Formal Audit reports are expected to be received early in 2021, with results to be reported to Council once received, however feedback received in the audit exit meetings indicated improvements compared with the previous audits.

Maintenance and Operations continue to prepare the unsealed network for the upcoming summer including commencement of the Summer Dust Suppression programme, with completion of application scheduled for mid-December. Final arrangements are presently underway in readiness for the condensed summer traffic count programme which will provide a key component of updated data within the Dust Prioritisation Matrix.

With the transition to the new Hokianga Ferry Operations Contractor (Fullers) now six months in we are seeing an improved level of responsiveness and diligence regarding compliance and safety. The installation of a new navigation unit has been fitted to the vessel to replace the old existing technology. This upgrade represents a significant improvement in safety of the service and includes features such as a Wind Meter which enables the skipper to accurately measure the actual wind speed at the time of sailing.

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

2021/24 AMP DEVELOPMENT PROGRESS

Since submitting the Draft AMP document and the financial requests on Monday 21st September Waka Kotahi have been undertaking their review and moderation process. The final AMP document is due to be submitted to Waka Kotahi on Friday 11th December 2020.

CENTRAL GOVERNMENT POLICY SUBMISSIONS

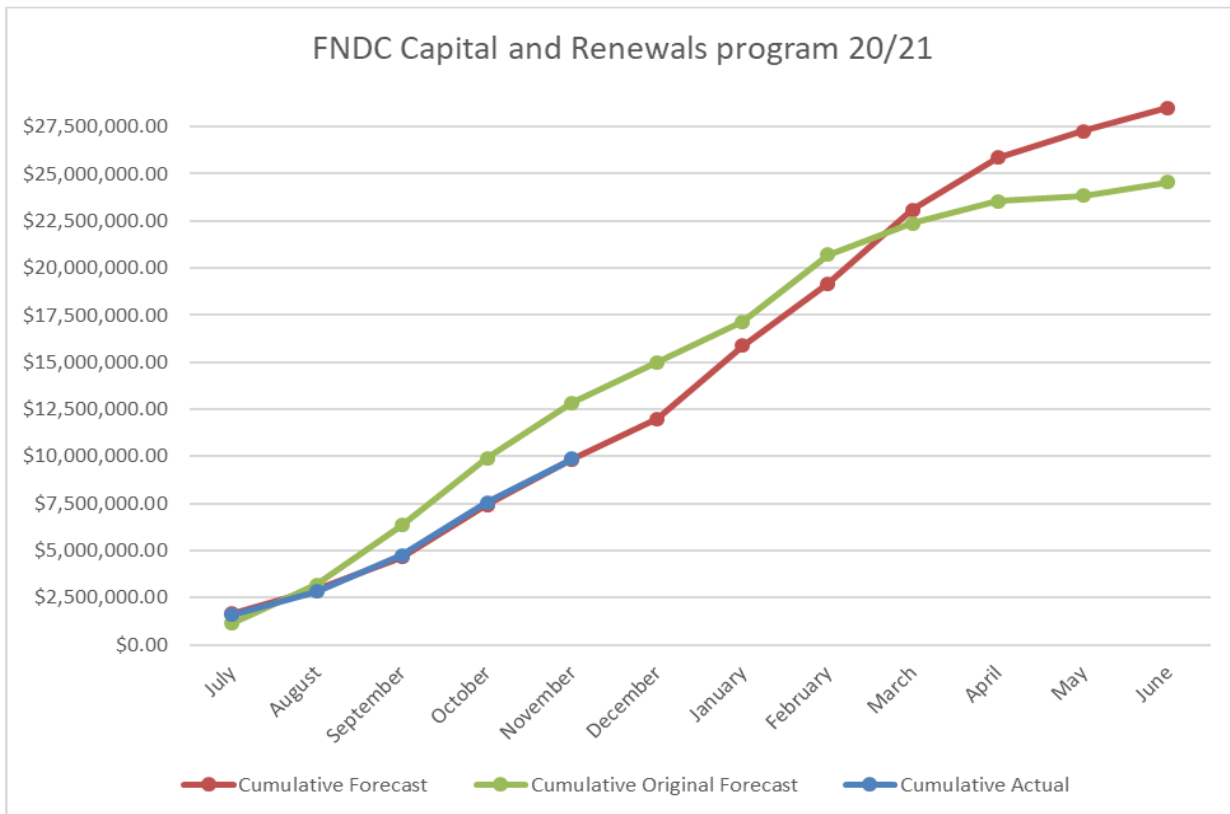
There were no Central Government submissions in the past month.

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

Excellent progress continues to be made across the region in the achievement of the Social Procurement targets, with a total of 293 workers presently engaged on the programme across the region, 98 of which were previously unemployed, and to date approximately \$4.3M of the works has been awarded to Maori / Pasifika and / or local Northland businesses.

The variation request submitted to MBIE requesting an extension of the programme completion date from 28th November 2020 to 28th February 2021 has now been approved allowing for the employment of a significant number of the redeployed individuals to be continued through the Christmas period and into the New Year.

FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY



Projects Started in November 2020

Category	Sub activity	Location
212 - Sealed Road Resurfacing	Sealing Chip seal	North region (CS - 31.4km, TAC - 0.632km)
341 - Low Cost Low Risk	Resilience	Wainui Road RP 7200
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.
341 - Low Cost Low Risk	Resilience	Sullivan's Road
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833
214 - Sealed Road pavement rehabilitation	Rehabs	Okaihau Road

Projects to start in December 2020/ January 2021

Category	Sub activity	Location
341 - Low Cost Low Risk	Resilience	Kaitaia Awaroa 26991 (c/o from 19/20 currently in construction)
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road
215 - Structures Component Replacement	Bridge	General Bridge maintenance
215 - Structures Component Replacement	Bridge	Scour protection across the network

FNDC Significant Projects

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
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
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	5%	Construction progressing well	Complete construction
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	69%	Under Construction	Continue construction
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	100%	Under Construction	Continue construction
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	100%	Under Construction	Continue construction
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	8%	Finalised RSA, reviewed and accepted Price from contractor and started construction.	Continue with construction.
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	Resilience	Panguru Road	99%	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).
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.
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.
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	86%	Reinspected sealed sections prior to line marking. Final measure-up and issue completion certificate. Project Complete.	Defects period will end November 2021
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junction-Ohaewai (Te AhuAhu & Old Bay Roads)	74%	Construction completed.	Do PACE score
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	67%	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
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	100%	Construction completed.	Defects period ends Sep 2021
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	3%	NTC issued; manufacturing and construction started	Continue manufacturing and installation of signs
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	83%	Bridge substructure and superstructure are done. Only guardrail installation remains. The delays to opening the bridge was due to suppliers for the guardrails not able to manufacture on time. The guardrails are critical to be installed prior opening due to health and safety concerns.	Forecasted completion/bridge open by early December.

Photo Wall



Broadwood Rehab – Completed



West Coast Road – Timber retaining wall



Puketi Seal Extension – Completed



Taipa Point Road – Concrete footpath, kerb and channel



Porotu Seal Extension - Kerb Construction and final trimming



Wainui Road – Gabion shoulder widening and horz drain preparation

ROAD SAFETY AND TRAFFIC ENGINEERING

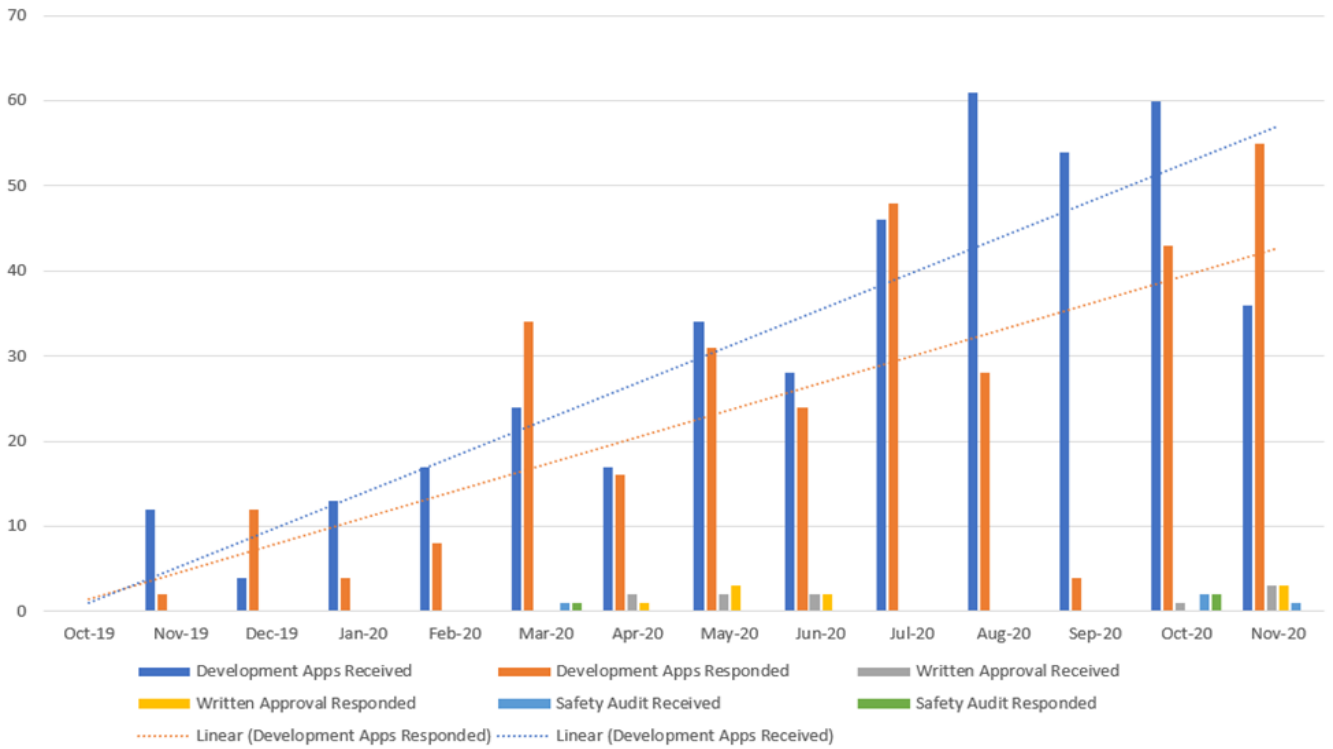
Speed Limit Reviews

- The Okaihau-Kaeo-Waimate Speed Limit Review is nearing completion.
 - Contractors have agreed to complete the signs installation from 11 December 2020 to 22 January 2021.
 - With the speed limits already agreed through the Bylaw process, they will be in enforceable by 25 January 2021.
 - External partners, including NZ Police, will be informed before Christmas of progress for new local enforcement requirements.
- Next Tranche – focus will now move onto the North Hokianga / Ahipara area.

Other Developments

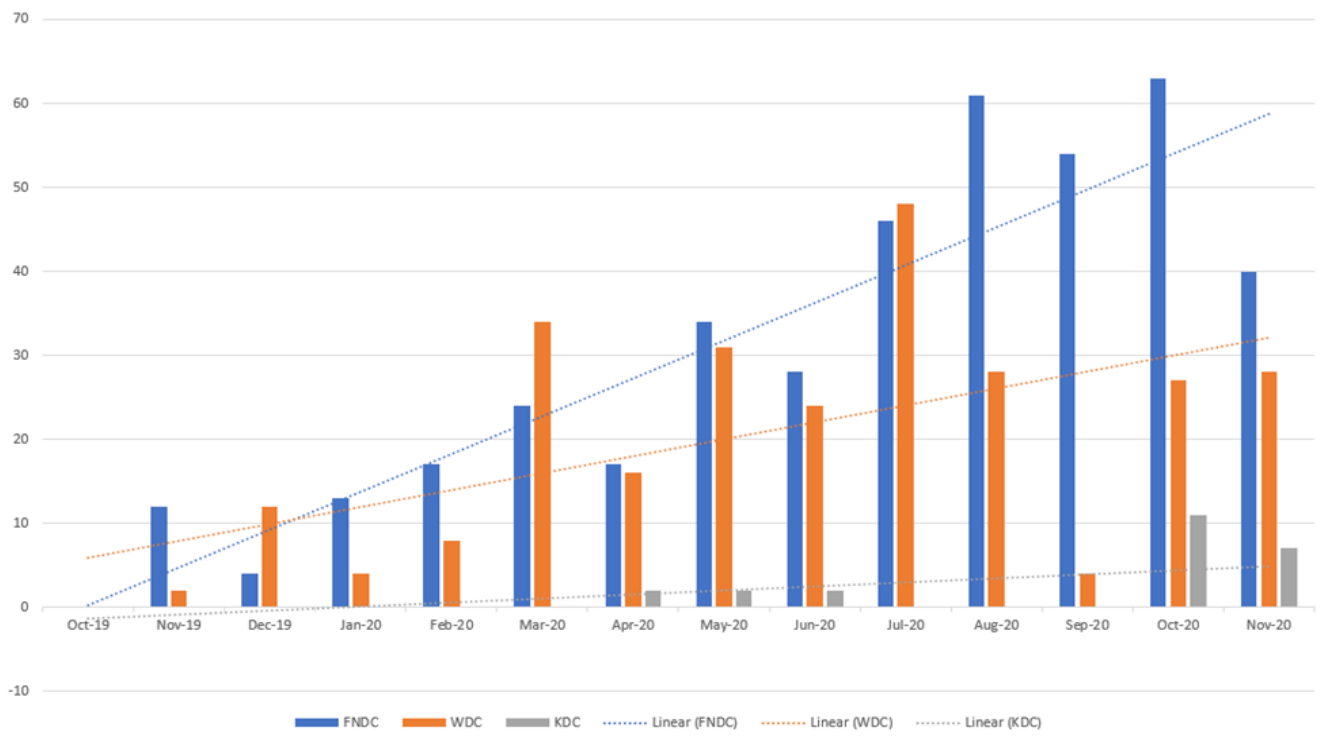
- The *Footpath Matrix* is managed by the NTA Road Safety and Traffic Engineering team. There has been a recent increase in requests from Board members to add footpaths to this list. Each request will be added and assessed (desktop and at site) to ensure the request is appropriate, safe and constructible.
- 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 closes on 10 December 2020 for the Audible Tactile Paint Roadmarkings contract. The tender evaluation team will meet to evaluate the following week. Contract award is likely prior to Christmas.
- 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 team are still in catch up, but it is envisaged we will have them all complete prior to Christmas holidays.

Far North Applications Processed by Type



- The comparisons across Northland show that Far North exceeds monthly requirements for application processing, requiring a third more time than WDC and KDC.

Northland Regional Processing of Applications



HOKIANGA FERRY (KOHU RA TUARUA)

Revenue received for October was \$46,452.16 excl. GST, which is slightly lower than the same period last year (\$54,218.28).

The installation of a new navigation unit has been fitted to the vessel to replace the old existing technology. This upgrade represents a significant improvement in safety of the service and includes features such as a Wind Meter which enables the skipper to accurately measure the actual wind speed at the time of sailing.

A full complement of new passenger life jackets has been also supplied to the vessel.

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 Paihia, most of this area will be completed by Christmas, and Haruru Falls will be next, followed by Russell.
- UFB 2+ work has started in Rangitane area and Okiato will start shortly, 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

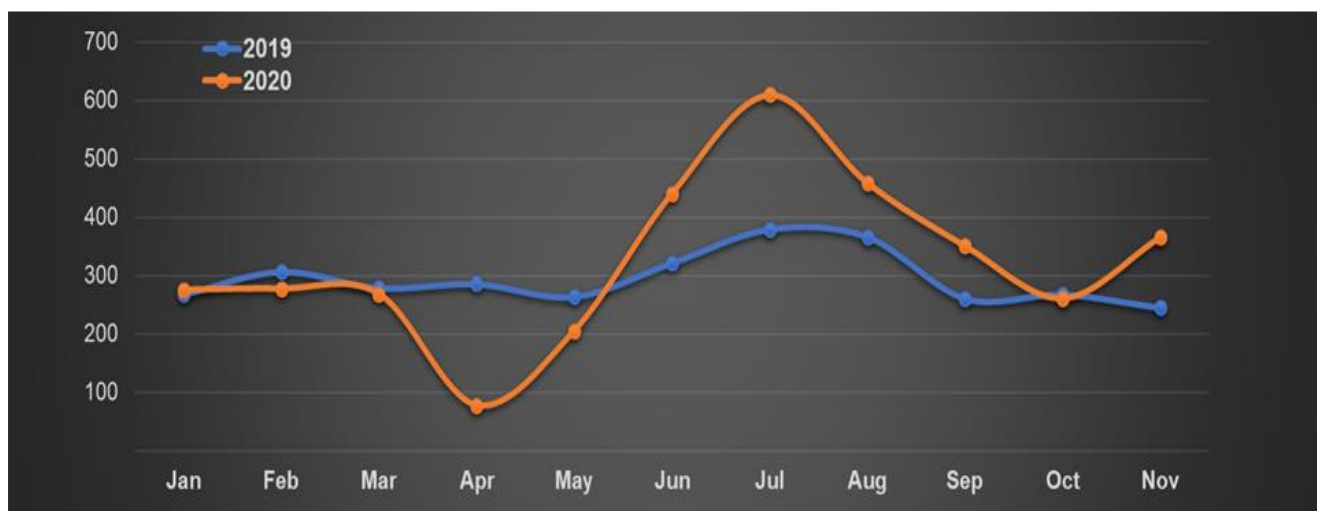
UNSEALED DUST SUPPRESSION (UDS) SITES

- The 7-20-209 Summer Dust Suppression District Wide 2020/2022 Contract is in progress and works to complete before Christmas.

THE CUSTOMER EXPERIENCE

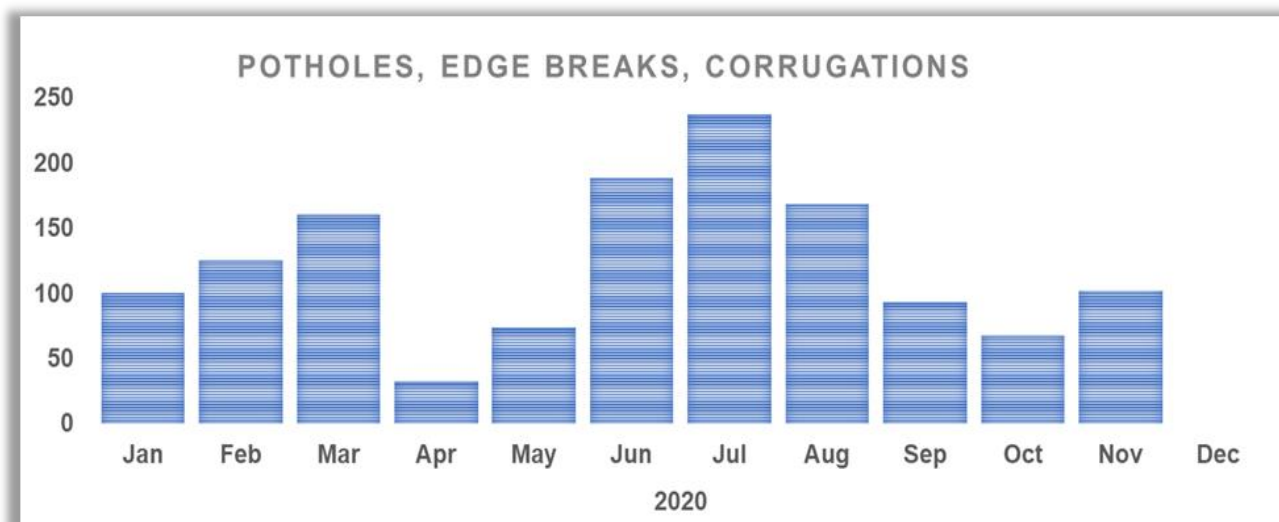
Request for Service

With the impacts of Winter, storms and pandemic largely in the past for 2020, the teams are preparing for what may be another dry spell. There is evidence of this beginning as the focus starts to shift in that direction. The number of incoming requests for service (RFS) has increased by 121 from the same period last year. Unsurprisingly, the highest number of these are potholes, edgebreaks and corrugation and detailed further below. However, another increase is that has affected this rise is under the category of "Roading Correspondence". This issue has increased to almost 30% of the total RFS received this month. Therefore, further work is underway to determine any patterns that may exist.



Potholes, Edge Breaks, Corrugations

Eluded to above, this category is the single biggest contributor to the number of requests received for both calendar year to date and November in isolation. Analysis of these categories assists the Operations and Maintenance team to focus on alleviate these issues across the region. It is also likely this is more related to edge breaks and corrugation as opposed to potholes.



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.

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

Project Phase: Design

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Design received awaiting reports and engineers plan/report
Scope	Amber	Amber	Scope confirmed
Schedule	Amber	Amber	Schedule confirmed
Cost	Amber	Amber	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, Geotechnical Report, TP58 Report, site suitability report and electrical report. District Plan pre-assessment carried out and Resource Consent documentation being put together.

Procurement plan written currently being signed and will go to Tender Panel in December.

Key Project Risks	Mitigation of Risk
Funding	Ensure detailed planning and strict financial management.
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	Final design received awaiting reports Engineers plans/design

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,443,489.00	\$44,364.19	

Project Phase: Construction

Status Item	Current Status	Prior Status	Summary	
Overall Project Status	Amber	Amber	Construction underway	
Scope	Amber	Amber	Scope confirmed.	
Schedule	Amber	Amber	Project program confirmed. Program received from contractor.	
Cost	Amber	Amber	Cost confirmed and approved	
Project Risk	Amber	Amber	Weather, contractor availability, material and time delays due to Covid-19.	
Monthly Summary:				
Site preparation completed and foundations poured.				
Key Project Risks		Mitigation of Risk		
Funding		Strict financial management		
Tender		Awarded to KPH Construction Limited		
Key Project Milestones		Expected	Status	Comment
Tender award		Late September	On track	
Construction		Currently under construction	Behind programme schedule	Due to Datum changes at start of project
Project Budget Status				
Approved Budget		Actual Spend to Date		Forecast Total Spend
\$1,470,989.00		<i>Construction: \$338,940.41</i> <i>Project Management Time: \$8,131.52</i>		

Project Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Mitimiti: Construction is completed at Mitimiti & CCC achieved; Toilet is Operational
	Green	Amber	Opononi: Tender has closed, and construction is underway. There is local opposition to the toilet location, and this has resulted in a petition which has been submitted to FNDC for consideration
	Amber	Amber	Waitangi: Building Consent is approved; Resource consent is still being processed
	Green	Amber	Haruru Falls: Tender has closed, and contract awarded
Scope	Green	Green	Waitangi: Scope is clear and approved by Stakeholders Mitimiti: Construction complete. Opononi: Scope is clear and defined. Haruru: 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.
Monthly Summary:			
<ul style="list-style-type: none"> Haruru - Contract Awarded Waitangi - Toilet Building Consent granted; Resource Consent still being processed but is lodged Opononi - construction began in November 			
Key Project Risks		Mitigation of Risk	
Covid 19 Lockdown will lead to programme delays.		Accept & Monitor.	
Waitangi Toilet – Archaeological Site		Further Iwi Engagement for new site.	
Key Project Milestones	Expected	Status	Comment
Mitimiti Toilet – Construction	Early July	Met – late	Completed August
Waitangi Toilet – Iwi Engagement	July	Delayed	With liaison team for approach, ongoing at present, this is delaying issue of RC
Opononi Construction	October 2020	Met - Late	Awarded starts November - Construction Underway
Haruru – Tender to Market	September	Met	Contract Awarded
Project Budget Status			
Approved Budget	Actual Spend to Date	Forecast Total Spend	
\$1,045,688 (combined)	\$378,931	\$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 in January 2021.
Scope	Amber	Amber	<ul style="list-style-type: none"> A design and scope for the compliance work was provided by FNW. A recent change in test certifiers has resulted in a scope change. 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.
Schedule	Amber	Green	Revised schedule provided by FNW. Physical works started during lockdown in May. Whilst the revised project end date remains at end November 2020. The PO for the new PLC has been issued to FNW.
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	Additional minor work relating to the Building Consent could not be completed during the Covid lock down and has had to be deferred. This work will be completed as soon as the compliance work has been completed. The late issuing of the PO to FNW for the PLC will delay the Commissioning of the Plant. 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

Chlorine Room completed and chlorine gas delivered to site. The PO for the PLC has been issued to FNW. FNW will procure the PLC and have the installation completed on or before the Christmas shut down. The final Compliance audit will be rescheduled to January 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	Accept and monitor
Delay in completing BC works – CCC not issued	Accept and monitor
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 December because of the late issuing of the PO for the PLC.
Issuing of Location certificate	Sep 2020	Late	January 2021

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$220,000	\$165,000	\$220,000

Project Phase: Procurement

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Procurement is underway however property easements are delaying critical path.
Scope	Green	Green	Scope understood - potential redesign to appease landowner
Schedule	Amber	Amber	Delay in procurement award due to Easements not being secured. Estimated delay is six weeks with contract award mid-December.
Cost	Green	Green	Council endorsed updated budget in August Council meeting, construction costs are within budget allowance.
Project Risk	Amber	Amber	Property and Easements are subject to commercial negotiations

Monthly Summary:

Evaluation of the RFT for the main works has been completed and a Preferred Tenderer has been identified. There will be a delay to contract award until the property easements can be secured.

Negotiations have continued throughout November to try and find a resolution that is acceptable to Elbury Holdings and FNDC. Regular update calls have been completed between Elected Members, Landowners and FNDC Staff. The hearing was delayed to 23rd November and then further to 14th December to enable negotiations to continue. A number of routes have been assessed as suggested by Elbury Holdings of which none are acceptable to FNDC; this is predominately due to cost and time impacts. It will not be possible to resolve easements with some landowners until the route with Elbury Holdings has been agreed.

The estimated delay to contract award remains six weeks providing a negotiated agreement is reached prior to formal hearing.

McMillan have completed development of the bore, installed the two monitoring bores and have demobilised from site. A CCTV check of the bore quality has been completed and final reports and invoices are being prepared.

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 Review route in Elbury Holdings property
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 14/12 - risk of further delay if court hearing required
Practical completion	September 2022	On target	Reviewed and revised to October 2020

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. The commissioning phases is expected to run until the end of December, depending on the results being achieved and any amendments that needs to be made. Following completion of the commissioning phases, the reticulation work will resume with the final connections of all houses 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. Potential for pipework damage within Area of Benefit, which could be discovered during commissioning. 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 provided - due date 10 December 2020. Unforeseen in Phase 6 Commissioning Phase.

Monthly Summary:

Construction of the new Treatment Plant is completed with only some defects and the documentation outstanding - As-Builts, O&M manual and the Asset Data Sheets. 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 thereafter Phase 6 started on 16 November 2020 and will run for approximately 4 to 6 weeks. Key work completed in the month of November 2020:

Key Construction activities during November 2020

- **Construction - Roading / Earthworks / Pipework**
 - o Site road pavement construction and surface reinstatement around site areas;
 - o Finishing up earthworks around structure and landscape planting.
 - o Electrical cable tagging and tidy up works; and
 - o Defects list.
- **Design/Procurement**
 - o Commissioning Phase 6 Plan
- **Commissioning**
 - o Dewatering System commissioning;
 - o Phase 5 commissioning;
 - o Phase 6 Commissioning Plan by MM; and
 - o Phase 6 Commissioning
- **General**
 - o Valuation and Agreement with Davies Trust in progress;
 - o Contract Completion Documentation in progress;
 - o Asset register and O&M Manual in progress; and
 - o Handover of Health and Safety operations to FNW.
- **Reticulation Contract**
 - o Revised Rates and breakdown of rates as requested submitted on 23 November 2020; and
 - o Pressure testing on agreed day rates.

Main activities planned for December are security fencing, access gates, road sealing. Review of handover documents by Mott MacDonald and handover of project to FNDC/FNW will start in December 2020 but will continue until January 2021.

Following completion of the commissioning phases, connections will recommence with the cutting over of the house connections by United Civil, 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 scheduled for 2021.

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 to be done.
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	
Commissioning Phase 6 - Unforeseen and results not being achieved		Resource availability and ongoing monitoring and quick reaction	
Key Project Milestones	Expected	Status	Comment
Commissioning Phases of WWTP	18/12/20	In progress	Phase 1 to 5 completed. Phase 6 started on 16 November 2020 and will run for 4 to 6 weeks until plant operations are in stable condition
Completion of Kerikeri WW reticulation and Close Out	31/05/21	Pending	First stage, part of second stage completed. Stage 3 outstanding. Work to commence in Dec 2020
Decommission existing Kerikeri WWTP	30/08/21	Pending	Commence May 2021. 130-day allowance, time requirement TBC.
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: Paihia WWTP Upgrade

Project Phase: Planning and Design – Regress due to

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. (Potentially this could be both to provide a reduced operational cost).
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.
 The results have shown a non-compliance from the plant in both Ammonia levels and Ph. **This is now formalised in a results interpretation report, received from at the end of October.**
 Chemical dosing works continue and costs have been received to allow continuation to the end of January.
 The team are still awaiting input from WSP regarding costs for further developing the required design for chemical dosing units and supply of dosing units.
 Report review meeting was held with questions arising in terms of right solution which will guarantee results.

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 Anticipated that we do not have enough existing budget remaining. Pricing being sourced for modular unity, limiting cost and risks of a specific design.
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	Project is completed, with power connected and switched on by Top Energy in late June. FNW has removed the temporarily installed generator. FNW completed the fencing and landscaping. All physical work completed. Preparation of the SO Plan identifying the land to be acquired by Council, the easements in favour of Council and Easements in favour of Top Energy.
Scope	Green	Green	No changes in scope, but additional staging of the project.
Schedule	Green	Green	Re-commencement of works: 4 th May '20, expected completion: 30 th June '20 was met.
Cost	Green	Green	Cost of project not to exceed current budget.
Project Risk	Green	Green	Agreement with Top Energy on easements and maintenance of lines and vegetation in the area.

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 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	\$21 700
FNDC/Law North	Landowner Legal Fees (tbc – make allowance)	\$5 000
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
Estimated Total		\$48 465

Key Project Risks	Mitigation of Risk
Land requirements and easement agreements.	Liase 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
LINZ approval and formal acquisition must be completed by Gazettal	30/01/21	In progress	Awaiting quotations from Surveyor and Property Group. Purchase Orders to be raised.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$946,665	Finance to provide	Finance to provide

Project Phase: Work in Progress

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Practical completion achieved.
Scope	Green	Green	Installation of dual pump system at the Awanui Intake.
Schedule	Green	Green	Project is currently in handover phase.
Cost	Green	Green	Project remains within Projected Budget.
Project Risk	Green	Green	No risk, project reached practical completion.

Monthly Summary:

The project has reached practical completion in terms of installation of the new switchboard and dual pumps. The Kaitaia treatment plant operator confirmed that the dual pump system is commissioned. FNDC is currently finalizing as-built drawings and close out documentation with the contractor.

Key Project Risks		Mitigation of Risk	
No risk, project reached practical completion.		No risk, project reached practical completion.	
Key Project Milestones	Expected	Status	Comment
Practical Completion	30/10/2020	On Time	Complete
Handover	29/01/2021	In Progress	

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$183,179.26	\$120,000	\$145,814.21

Project Name: BOI Sports Complex

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	The next milestone for the project is the planning stage which focusses on the delivery team's approach to the project. From here the project will move into delivery stages, focussing on a staged design delivery and targeting early construction activities which can be commenced as a priority.
Scope	Green	Green	To manage the development and delivery of a Waipapa Sport Hub on the land acquired. The development must meet stakeholder, community, and sporting code requirements.
Schedule	Green	Amber	Currently the project is tracking slightly behind the original programme, this is due to the final execution of the funding agreement which only happened on the 23 rd 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.
Cost	Green	Green	The project is running within budget. Immediate procurement required includes the architect and specialist consultants to support the RC application.
Project Risk	Amber	Amber	Preliminary Concept Design layout approved by Working Group. Decision of the final sports field surface types needs to be done.

Monthly Summary:

The Preliminary Concept Design layout was approved by the Working group. New Zealand Turf Management Solutions (NZTMS) compiled a recommendation report on the types of sports field surface for consideration by the Working Group, which will be presented in the next sitting schedule the 4th December 2020. The decision on the type of fields to be constructed under Stage 2 is required.

Procurement and contract drafting for the improvements around the junction with SH10 are nearing completion and the contract works will be contracted prior to Christmas, with physical start in January 2021.

Haigh Workman are continuing with concept investigation on civil engineering services. (Topo Survey is underway).

Key work completed in the month of November 2020:

- Project working Group accepted Preliminary Concept Layout
- Signing of the funding agreement on the 23rd November 2020
- SH10 works detailed design complete and procurement of contractor started
- Sports Field design consultant complete recommendation report on the types of sports field surface types for consideration
- Procurement of a service provider to complete a Groundwater assessment. Recommendation report with FNDC for appointment

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
Supply Chain – getting services and materials needed	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	Started	
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
Overall Project Status	Green	Green	The community and working groups agreed on the initial scope of work for the current funding grants. This will now be captured on a concept layout plan for the area and works can commence to ensure detailing of the scope and approach to physical works is efficient.
Scope	Green	Green	Scope has been agreed by key stakeholder groups, 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.
Schedule	Green	Green	Currently the project is tracking slightly behind the original programme, this is due to sign off from stakeholder groups for scope, originally planned in September.
Cost	Green	Green	The Project is currently within budget
Project Risk	Amber	Amber	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 December / January.

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		
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	Detailed design and options assessment have been completed. Building consent has been lodged and has been fast tracked. Supplier construction contract under review but no difficulties expected. Construction starting before Christmas is now highly unlikely.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	Work is progressing. Building completion is set for 15 December 2020. Joint initial payment received from MBIE of \$187,000 + GST for both Waipapa Toilet upgrade and Waitangi Jetty Toilet Upgrade.
2	Pungaere Road Seal Extension	Approved with Funding Agreement pending	Work has commenced onsite with the site preparation and clearance, along with the initial stages of the drainage works. Pavement design draft has been completed. Initial payment received of \$293,584 + GST . Additional MBIE payments totaling \$400,000 will be applied for in December.
3	Cable Bay Carparks	Approved with Funding Agreement pending	Initial payment received of \$79,436 + GST . Agreement has the construction phase scheduled in the next financial year. Anticipate initiating design in the new year. Potential to align with the Te Hiku PGF project to maximize productivity and local economic benefits.
4	Taipa Beach Pohutukawa Protection	Approved with Funding Agreement	Arborist report has been received and a program of remedial work proposed. RSL have submitted a priced program of works which has been accepted. Work to be completed prior to Christmas.
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	Heritage NZ preferred designer has submitted initial lighting design which has been reviewed by HNZ. HNZ have had an onsite meeting with the designer and design amendments are pending.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Final report structures have been agreed. Demand and supply conclusions are being developed. Financial data analysis is underway. RFS data pending from FNDC which will be reviewed for any supporting data.
8	District Boat Ramp Operational Plan Study Grant	Approved with Funding Agreement	Letter of Variation for extension of project received from MBIE, driven by the need to review the impact of Covid 19 on visitor numbers and demand over peak season. Future options and GIS integration currently underway. Upgrade options discussed with FNHL including formulae and data for costings. Final report drafting continues. February 2021 targeted in order to support FNHL resource consenting requirements for Rangitane reclamation.

August 2019 TIF Funding

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

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

Overall	→	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
Benefits		Benefit realisation overview included in LTP narrative.
Capability		Issues remain with project delivery resourcing across the project team including assets SME's, IT project support and supply chain capacity to support project inputs. Moved to orange as there are additional resources coming on board across the assets team, supply chain engagement about to start and FNDC support environment expressing continued but limited support.
Leadership		Programme leadership has been strengthened but there remains a need to implement a new Manager Assets and Planning to foster greater integration and/or task prioritisation. Will move this green with this appointment and that of a permanent programme manager
Budget		Currently within forecast but quality of data under investigation. Future years budgets yet to be defined.
Roadmap		Condition budget remains at initial levels.
Risk		Some additional items raised around budget and financial management.

□ State of Play

Last Month	Next Month(s)
<ul style="list-style-type: none"> Operational activities continue to impact resourcing. Several programmed actions across non system workstreams remain on progress <ul style="list-style-type: none"> Data cleansing Review AMS blueprint with stakeholders and project team. Document UAT requirements for AMS. Condition survey works procurement plan being finalised. Initial engagement with key data supply partners. Update report for SLT and Elected Members 	<ul style="list-style-type: none"> Continued engagement with all data supply chain partners e.g., Far North Waters on system requirements. Stakeholder workshop to debrief on culture survey results and Field Force recommendations set down for new year. Development of impacts to the roles & responsibilities and competency based upon recent competency assessments. <p>Appointment of permanent (fixed term) Programme Manager.</p>

□ Programme Workstreams

Name	Type	Status	Programme Comment
INFOR	Project		Full operational use of INFOR will not be possible until September 2020 at the earliest (noting some parts may be ready before then) as previously articulated. Status updated to reflect revised program.

Asset lifecycle	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.
Data & analytics	Improvement		Initial survey completed (Field Force). Transformational plan (for assets team) being scoped.
People & culture	Culture		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		Programme plan agreed
Define Stage completed	31/03/20	1/02/21		Operational demands on project resources along with discovered issues relating to data and data access have delayed until we have condition data and working system environment.
Execute Stage completed	30/06/21	30/6/22		Different projects & workstreams will deliver at different times over a 2-year timeframe. The fully mature system is unlikely to be delivered by June 2022 due to the reduction in condition budgets.
Product Review Stage completed	30/06/22	20/12/22		Reviews will take place as each project is completed; however overall review of programme is now scheduled for Jun – Dec 2022

□ Top Programme Issues

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

□ 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

□ Top Programme Risks

Ref #	Description	Risk Status	Current Risk Rating	Trend of Risk Rating	Mitigations	Owner	Review Date
13	Condition budget reductions will extend programme timeline (to have a fully operational region wide solution)	Possible	Major	Decrease	Will have the system contributing to some parts of the LAMP but not all regions.	Programme Manager	12/02/21
14	Investigation into budget management have identified some potential issues with coding of time.	Probable	Significant	Stable	Changes to budget allocation still being worked through	Programme Manager	12/02/21

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

- Opononi and Omapere WWTP discharge consent S92 Request for Information has been fulfilled.
- 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 appellants is scheduled for early in December. Mediation is set for February if necessary.
- A mediation date for Taipa WWTP consent appeal has been set for February 2021.
- An internal project team is being developed for the Parking Bylaw review
- Infrastructure planning continue to work with Strategic Planning and Policy team on key pieces of work including
 - Parking 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		
Strategies / Plans / Policies							
District Transport Strategy		●	●	●		FY19/20	The Integrated Transport Strategy Programme Business Case is complete and NZTA await council endorsement prior to sign-off. A recommendation has been submitted to the December Council meeting. This will enable promotion of the recommended programme to 'Approved' status in the RLTP whilst allowing potential adjustment following LTP public consultation in the new year. The programme has been translated into NZTA TIO Financial System Work Categories and submitted as the first of three entry stages for inclusion in the RLTP. The second entry stage in early December allows refinement of the submitted programme. 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. Staff intend on drafting the procurement plan and a report to Council on the matter in the first quarter of 2021.
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.
WWTP consent replacement programme		●	●	●		On-going	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	 	●	●	●		On-going	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 is undergoing an internal review. An initial draft is due to be realised to the Members Lounge 21 December 2020 for feedback.
Paihia Network Model Upgrades	 	●	●	●		Mid 2021	Separate projects are underway to update and calibrate both the water supply and wastewater network models for Paihia. Flow monitoring equipment is currently deployed into both networks, for a total period of two weeks for the water supply scheme, and eight weeks for the wastewater scheme. The timing is fortunate for the monitoring as there are currently no water restrictions in place so the water supply flows will not be reduced in that capacity, and the wastewater flow data will include the capture of summer peak flows. Separately, consultants have carried out gap analysis of data supplied by FNDC in relation to each network, and FNDC staff are currently in the process of reviewing gap analysis with the intention of providing/sourcing additional information as required. Project completion is on track for 30 June 2021, in accordance with MBIE funding agreement.
Water and Wastewater Demand Forecasting	 	●	●	●		Mid 2021	FNDC staff are in the process of sourcing and defining available data sets for our consultants to consider, which will in turn define the types of methodologies that are to be developed. Methodology development will occur in the first quarter of 2021, to be followed by implementation of the methodologies by FNDC staff and supported by consultants as required. 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 in early 2021.

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Rawene WWTP Optioneering		●	●	●		On-going	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	A district-wide parking policy and associated bylaw project brief has been approved for this collaborative project with Strategic Planning and Policy department. 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.
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 will be soft launched to practitioner groups including the Disability Action Group in December followed by public consultation mid-January 2021
Consent Applications/Authorisations							
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. It has been agreed by all parties that, due to commissioner availability, two days of mediation have been scheduled for the 10-11 February 2021. However, staff and the appellants are to meet in early December in advance of mediation to see if progress can be made.
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		●	●	●		November 2020	A hui with relevant Kohukohu hapu has been undertaken and endorsement for the CIA author is expected before the end of the year. The CIA is the final report required in order for NRC's request for information to be fulfilled.
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)		●	●	●		December 2020	NRC have issued the draft conditions for a consent. Discussions about the suitability of the conditions continue and are yet to be resolved.
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.

Key: ● Complete ● In progress ● Parked




Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
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		●	●	●		December 2021	A resource consent application for a public toilet block near Waitangi boat ramp has been lodged with FNDC. The application included breaches for setback from the Coastal Marine Area and traffic rules.
Centennial park basketball court consent application		●	●	●		November 2020	A resource consent application for a half-court basketball court at Centennial park in Kaitaia was lodged with FNDC at the start of November. The application is for consent to breach Stormwater Management and parking rules under the District Plan. The decision granting consent was issued in late November.

Activity	Comment
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Collaboration and Engagement

FN2100	Planned public consultation on the Far North 2100 District Strategy has been rescheduled to December 2020. The recurring rescheduling of this project presented issues for the originally planned concurrent release of the draft Integrated Transport Strategy and so the ITS was realigned to be released with the Infrastructure Strategy, this being a legislated requirement of the Long-Term Plan process. NZTA now seek prior council endorsement of the ITS Programme Business Case.
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. We will workshop the draft new Engineering Standards with them early December
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 to consider in early 2021, 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 required 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 Infrastructure Committee to consider in early 2021, 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		November 2020	YTD '20	YTD '19	
Applications for new Water and Wastewater connections		10	44	49	10 requests to connect to Council water and wastewater services were received in November 2020. Year to date Council has received 44 applications (compared to 49 last year).
FNDC Resource Consent Applications Reviewed by IAM	All	48	300	162	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	206	915	622	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.

Annual Compliance Report – Drinking-water Standards New Zealand (Ministry of Health)

Each year, the Ministry of Health undertakes an annual review of networked drinking-water supplies to see if they have achieved the drinking-water standards and met the requirements of the Health Act (1956) for the past 12 months. Performance data is collected, audited by Drinking Water Assessors, validated, analysed and reported to the Ministry of Health. The Ministry of Health in turn examines the report and discusses any risk with the suppliers. This report is subsequently published on the Ministry of Health website.

The Far North District Council's Annual Compliance Report was completed in early December and which demonstrated a positive performance. Below are notable points to mention:

- There were no interruptions to customers connected to a Far North District Council water supply resulting from planned or emergency works.
- Throughout the drought last summer (2019/2020), data was recorded from the emergency water shortage tank farms which were set up in Kaikohe and Rawene as temporary sources. These were examined by the Northland Drinking Water Assessment Unit. All met compliance.
- All investigation and intervention details with regards to our numbered Request for Service (RFS) met compliance.

Section of the Health Act (1956)	Compliance Status
Section 69S – Duty of suppliers in relation to the provision of drinking	Compliant – Met for all supplies
Section 69U – Duty to take reasonable steps to contribute to protection of source of drinking water	Compliant – Met for all supplies
Section 69ZD – Duty to keep records and make them available	Compliant – Met for all supplies
Section 69ZE – Duty to investigate complaints	Compliant – Met for all supplies
Section 69Z – Duty to prepare and implement a water safety plan	Non-compliant

As demonstrated above we fulfilled our requirements under the Health Act (1956), apart from one (s69Z) – *Duty to prepare and implement a Water Safety Plan*. To address this non-compliance and as part of the Three Waters Reform Memorandum of Understanding and funding, a program of works has been developed outlining the phases required to successfully implement the water safety plans pertaining to our eight water schemes.

Phase	Key Activities	Duration	Timing
1b – Plan	Water safety plan resourcing, timeline, prioritisation, chartering and commitments to the Drinking Water Assessor	1 Month	January 2021
2 – Prepare	Catchment Assessments, Schematics, CCPs, Scheme information, Operations and Maintenance schedules and manuals, templates/methodologies, supporting documentation (e.g., incident management plan)	5 – 7 Months	January 2021 to July 2021
3a – Compile	Water safety plan Manual, Scheme water safety plans (including risk assessments, improvement plans)	2-4 months	July 2021 to October 2021
3b – Integrate	Alignment and integration of systems and processes across organisations (Far North District Council/Far North Waters)	1-2 Months	November 2021 – January 2022
4 – Implement	Water Safety Plan Adoption, training, and ongoing maintenance	Ongoing	January 2022 onwards

The water safety plans will allow us to fill in missing gaps required by way of risk analysis in preparation for the substantial legislative change coming (Water Services Bill). The DHB Drinking Water Assessor has been

made aware of our efforts with regards to water safety planning, and a timeframe and Action Plan will be sent to them before the end of year.

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 before 18 December.

Water Safety Planning

A water safety plan is an essential tool for providing safe drinking-water. It documents a public health risk-based assessment and management process that aims to ensure a safe and secure supply of drinking-water for consumers, protecting public health. Water safety planning strengthens the focus on preventive measures holistically across the entire drinking-water supply system.

Led by the World Health Organisation, water safety planning as a concept was first developed in the late 1990s and gradually rolled out globally over the early 2000s. New Zealand was one of the earliest adopters of incorporating water safety planning, formally introducing it into its drinking-water standards in 2007, then into legislation in 2007.

The provision of safe and secure drinking-water requires commitment not only from within Far North District Council and Far North Waters but also from the community. That commitment relates to leadership, awareness, engagement, communication, information, and a clear path to equally clear goals.

A water safety plan articulates the six fundamental principles of drinking-water safety in New Zealand which are:

- a. A high standard of care must be embraced
- b. Protection of source water is of paramount importance
- c. Maintain barriers against contamination
- d. Change precedes contamination
- e. Suppliers must own the safety of drinking-water
- f. Apply a preventive risk management approach
- g. Suppliers must own the safety of drinking-water

Taumata Arowai, the standalone Crown agent with a dedicated focus on regulating drinking water will take over from the Ministry of Health when it is fully operational following commencement of Water Services Bill which is expected to be in the second half of 2021. Taumata Arowai and the Ministry of Health will work together to ensure a smooth handover of regulatory administration. Until this time, we are required to continue to comply with the Ministry of Health requirements.

Far North District Council has produced positive results within the Annual Report








Creating more space for collaboration with Northland Regional Council

The Far North District Council Compliance Lead joined the Northland Regional Council Monitoring Officer in conducting their scheduled wastewater treatment plant monitoring to gain broader insight and to share collective wisdom.



















































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"> Issued Dec 2016 Breach of discharge consent limit for wastewater discharge amount 	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"> The abatement notice was issued in May 2018 Erection of a safety rail on the Mangonui boardwalk required 	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"> The abatement notice issued Nov 2018 Stormwater runoff from bins at site may contaminate waterway 	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"> The abatement notice was issued in Apr 2016 due to the plant evidencing non-compliance with the E. coli limits. 	<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"> The abatement notice was issued in April 2016 due to unconsented network overflows Unconsented network overflows 	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"> The abatement notice was issued in July 2020 due to a non-compliance with the wastewater discharge criteria. 	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 – NOVEMBER 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.
Kaikohe					Compliant	
Kawakawa					Compliant	
Kerikeri					Compliant	The Kerikeri river intake and irrigation flow meters have been replaced.
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	
Rawene					Condition 12 - volume supernatant discharged to Pioitahi Stream	The Infrastructure Compliance Lead will investigate the viability of using calculations for compliance purposes which is scheduled to be actioned in early 2021. A 'Macroinvertebrate monitoring in the Petaka Stream' report has been completed and submitted to Northland Regional Council on 10 December in accordance with the requirements under the resource consent conditions.
Russell					Compliant	
Ahipara					Condition 10 – Faecal Coliforms Condition 2	Inter stage testing commenced on 13 th 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. An update will be provided in January's report.
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 FNW 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 'Stage 6' Commissioning is fully underway with only a few days until complete handover. The 'Ecological Monitoring Discharge Report' 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	Scheduled monitoring was carried out in October which demonstrated compliance. The inlet flow meter has been repaired. 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	The scheduled monitoring was completed in September which demonstrated compliance. 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. The outflow meter has been replaced. DWF Status: Compliant
Whatuwhiwhi					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

November has continued to be an extremely busy time for the Asset Management team. Key projects have been;

- 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 (no small feat)

The Asset Management team continues to support the new Compliance Lead with embedding knowledge and relationship building, working alongside the Infrastructure Planning team with contributing detail from the AMP for the 30 Year Infrastructure Strategy which aids in supporting the Long-Term Planning process where needed including the Capital Programme development.

The team are also developing what the next package of work will look like for the Condition Assessment Programme funding for this FY.

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

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
Living Asset Management Plan (LAMP)	All	●	●			FY20/21	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). (Please refer to Programme Darwin section for further details).
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). This work will be completed by December 2021.
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 back in February 2020. The current LTP is being looked at in-depth and future asset planning being considered for the next round.
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.
Asset Identification / Condition Assessments							
Prioritised Scheduled Asset Condition Assessments	All	●	●			FY21/31	A 10-year programme has been developed which amounts to a total spend of \$9M over 10 years. Through the Annual Plan for FY19/20, \$250k was approved and is being delivered this FY (FY20/21). And an additional \$1M over this FY (FY20/21) has been provided to carry on with this programme. Procurement and the package of work for this \$1M is underway and should be out to market by end of January 2021.
Inventory Assessment - DF Assets		●	●	●	●	Ongoing	n/a
Project Pipeline – Initiations - Includes planning, feasibility studies, options assessments, business casing etc. before handover for Project Delivery							
Hihi WWTP		●	●			FY22/23	Plant upgrade is required. Resource consent being applied for through Infrastructure planning team. Additional funding required and will be submitted for as part of the LTP (FY21/31). Likely additional funding estimate to be available by end of October 2020. A report, with options, will be presented to Council meeting in February 2021.

Key: ● Complete ● In progress ● Parked







Stormwater


District Facilities


Wastewater


Water


Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
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. Refer to Taipa WWTP Renewal / Appeal under Infrastructure Planning section above.
Other							
Asset Management System	All	●	●	●		FY20/22	Full operational use of INFOR ('Go Live') won't be possible until September 2021 (please refer to Programme Darwin for full details).
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.
Water modelling requirements		●	●			FY20/21 – FY22/23	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		●	●			FY20/21 – FY22/23	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 (December 2020).

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

November was extremely busy with preparations being made for the increased levels of services across the district required for the peak summer season. All indicators point towards an incredibly busy holiday and summer season due to the increased domestic tourism market and a heightened focus on the Far North as a prime destination of choice.

Coordinated TIF funding with NRC, DoC & FNDC has enabled an increased Kaitiaki Ranger program. The new Te Hononga site, in Kawakawa, will be a location which provides us an opportunity to place “Rangers” at the “Gateway to the Far North” and help set the scene and provide valuable information to our visitors.

The Te Tai Tokerau Worker Redeployment funding initiative continues to track well, and we’ve been able to utilise this for some sorely needed remedial works to one of the large Redwood stands in Kerikeri, as well as dune restoration works in areas like Te Ngaere Bay.

The Wilding Pine removal funding has seen coordinated efforts with NRC, DoC and FNDC with several areas in the north benefiting from the removal of such pines. One area currently being scoped by NRC is in Russell and our team are currently working with them to look at including areas of Council owned land.

Many and varied scopes are currently being prepared for targeted sites across the district for recently approved MBIE Flood Relief Funded projects. A few examples of these being; carpark restoration at the Kaeo public toilets, Kaitaia Cemetery carpark repairs, Puckey Ave HFE carpark upgrade, Ahipara Foreshore Rd erosion repair etc.

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

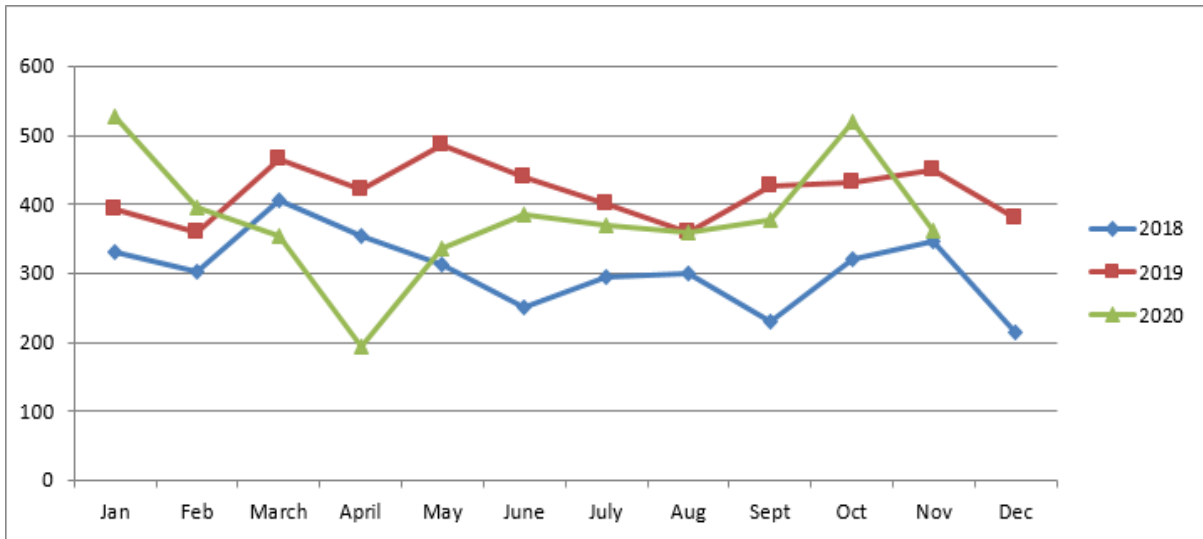
Some good customer feedback received this month include–

- ❖ Compliments for the Recreational Services employees working on the Council site next to 38 Rarere Terrace, in Kerikeri. The customer was impressed at their professional attitude and lovely manner. They responded back to her in a way that has given her faith in our contractors and felt they went above and beyond expectations. “Please find them and congratulate them.”
- ❖ Kia Ora, A huge thank you to all involved for the prompt service and great job done at Lindvart Park to repair the fencing and the football backstop. Thank you for the temporary fence followed just a couple of days later by a great new fence and backstop repair. Many thanks from all at Kaikohe and Districts Sportsville and all our member sports.

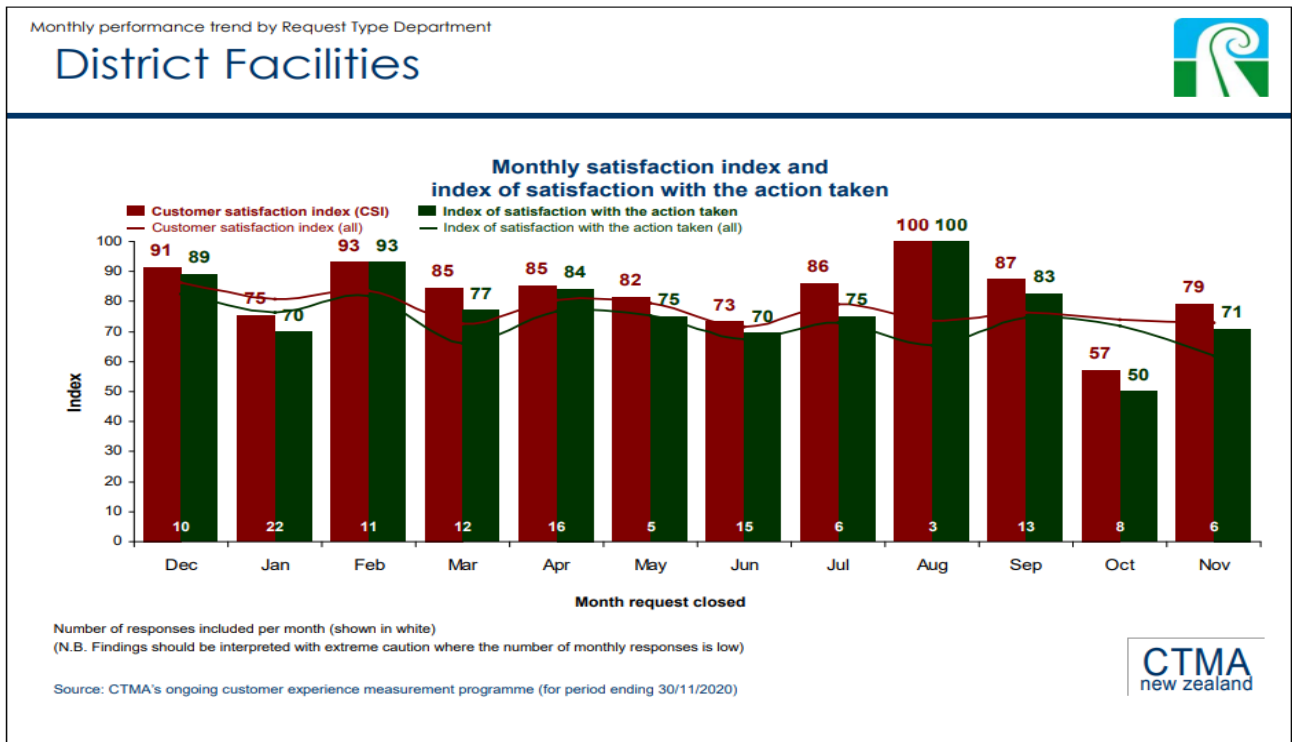
CUSTOMER EXPERIENCE PROGRAMME

Monthly District Facilities RFS numbers are:

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
2018	332	302	406	355	314	251	296	301	231	320	346	214	3688
2019	392	360	466	423	486	440	401	359	428	431	451	381	5081
2020	527	396	355	193	336	385	370	360	377	519	361		3660



District Facilities – Monthly RFS numbers



The number of RFS's continue to increase in November mainly associated with Housing for the Elderly – faults, public toilet issues and District Facilities in general.

HEALTH AND SAFETY

Recreational Services

ACCIDENT TYPE	Dec '19	Jan '20	Feb '20	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '20
Near Miss	0	0	0	0	0	0	0	0	0	0	0	1
Vehicle / machinery near miss	2	0	0	3	0	0	3	0	0	3	0	0
Non-serious harm	1	1	0	2	0	4	1	0	0	0	2	1
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident incl. 3 rd party	0	0	0	0	0	0	1	0	1	0	0	0

Near Miss:

- While working in gardens and walking away toward the bridge a car came out of the carpark on the other side of the road and went straight across the road, across the footpath and into the garden.

Non-serious harm:

- While operator was starting a water blaster it kicked back hurting his hand

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									
Non-serious harm	0									
Serious harm	0									
LTI	0									
Vehicle / Machinery accident	0									

Waste Management (Southern RTS)

ACCIDENT TYPE	Dec '19	Jan '20	Feb '20	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sept '20	Oct '20	Nov '20
Near Miss	0	0	0	0	0	0	0	0	1	0	0	0
Non-serious harm	0	0	0	0	0	0	0	4	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	1	0	0	0	0	0	0	0	0	0	0

Northland Waste (Northern RTS)

ACCIDENT TYPE	Dec '19	Jan '20	Feb '20	Mar '20	Apr '20	May '20	June '20	July '20	Aug '20	Sept '20	Oct '20	Nov '20
Near Miss	0	1	1	0	0	0	0	0	1	0	0	0
Non-serious harm	1	0	0	1	2	1	3	3	0	0	2	1
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	1	0	0	1	1	0	0	0	0	0	0	0
Vehicle / Machinery accident	2	2	0	1	0	0	0	0	2	1	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	Dec '19	Jan '20	Feb '20	Mar '20	Apr '20	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '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	Dec '19	Jan '20	Feb '20	Mar '20	Apr '20	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '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

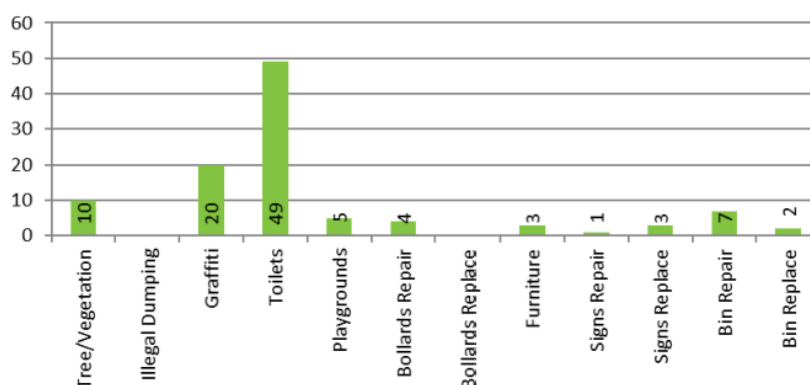
CBEC (Swimming Pools - Kaitaia, Kaikohe and Kerikeri)

Kaikohe pool remains closed. No HAS issues reported for Kaitaia or Kerikeri

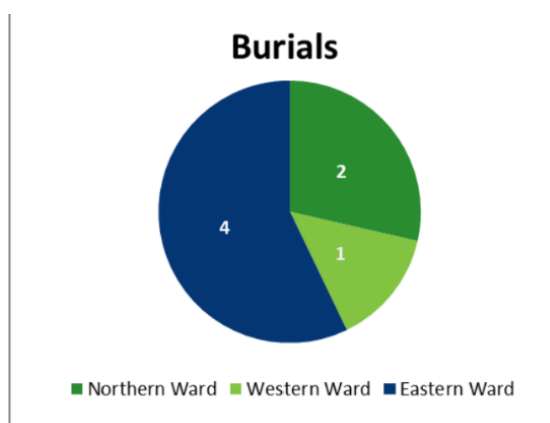
RECREATIONAL SERVICES

Total # of Unscheduled Work Requests by RSL

■ Nov-20



Number of unscheduled works requested by RSL

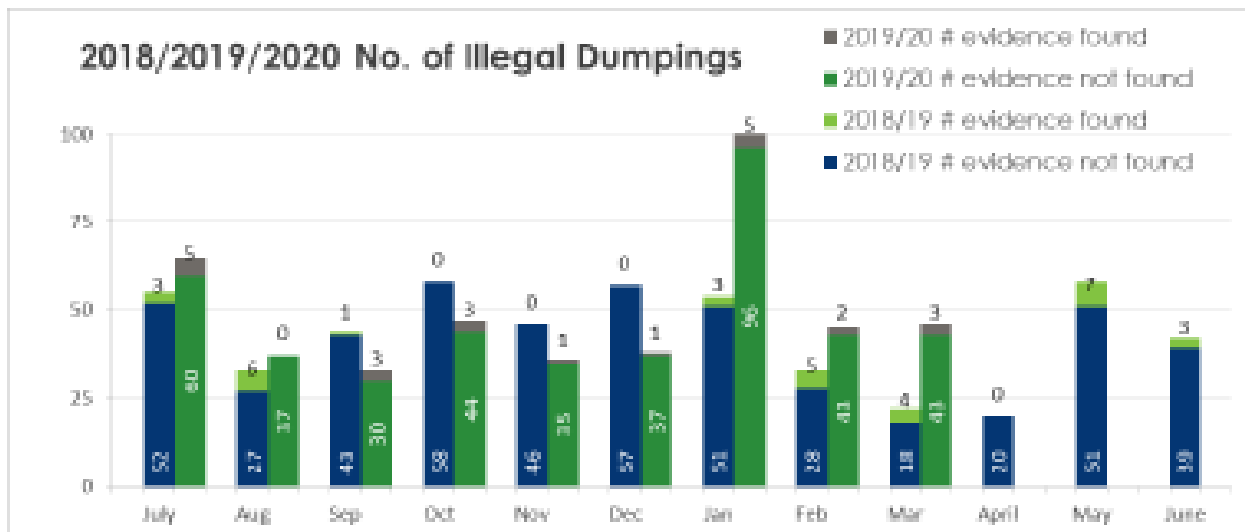


Number of burials at Council public cemeteries

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

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	
Not met	0	0	NC	NC	2	1	2	NC	0	2	0	
Non-performance Notice	0	0	NC	NC	0	1	0	0	0	0	0	

Table 1: YTD audit results

November 2020 AUDIT DETAILS	Met	Not met	Non-performance notice	Not met comments
Reserve mowing	0	0	0	
Edge control	0	0	0	
Playground	0	0	0	
Cemetery	0	0	0	
Toilets	4	0	0	
Litter and Town Maintenance	0	0	0	
CONTRACT AUDIT				
Unscheduled	2	0	0	
Contract	0	0	0	
TOTAL	6	0	0	

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

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

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

Measures taken to stop access onto the park by mainly motorbikes destroying the playing fields and grounds have been vandalised by a vehicle busting through the boundary fence. The last couple of weeks has also seen a bout of vandalism with the fences cut in 2 places, signs being tagged, 2 chains/padlocks cut, and a domestic incident where a woman drove her car through a fence and the park while we had kids on the field. The Police were informed and have dealt with this matter.

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

Allen Bell Drive, Kaitaia and Korora Park, Ahipara

Ongoing issues with motorbikes and quads gaining access to the reserves and playgrounds.

General

Complaints concerning some reserves where there remains to be unsatisfactory behaviour, loud music, impromptu parties and illegal activities by certain members of the public that impacts locals neighbouring the reserves and/or people trying to access and enjoy the public spaces continue. Some particularly prominent locations include Waipapa Landing - Kerikeri, Fairy Pools - Kerikeri and Reed Park – Kaikohe. Each time, we request that they notify the Police, phone noise control etc. however this is doing very little to deter such incidents. We will continue to monitor and look at appropriate options.

Taumatamakuku reserve

A new boundary fence has been completed at the Moerewa Taumatamakuku reserve. The fence had been in a bad way for a long time and the new fence has been greatly received by the local community as vehicles were entering the area and causing issues.



New Taumatamakuku Reserve Fencing

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. Contractors to relevel existing softfall in all playgrounds prior to Xmas and monitor conditions over summer peak season to ensure playgrounds are safe as logistics to top up and or replace softfall are worked out.

TREE MANAGEMENT

Four Norfolk pines trees located on a reserve in Houhora will need to be removed. Locals suspect that the trees may have been poisoned for the sole purpose of gaining “sea views”.



Four Poisoned Norfolk Pines, Houhora

120 cubic meters of mulch has been applied around the Kerikeri Wendywood lane redwoods with the hopes that the mulch will reduce the impacts on these historic trees from foot traffic compaction.



Wendywood Lane Redwoods

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.



Twin Bowl Kauri Location, Russell

A large rotten Japanese She-oak tree, growing on the Council's Pa Road walkway, collapsed into a private residential property. The tree narrowly missed the nearby lodge landing on a clothesline. A plan is now being put in place to reduce the size of the remaining She-oak's down the walkway.

CEMETERIES

No burial plots in Council managed cemeteries will be reserved until the global pandemic is declared over. The Council has taken direction on advice from the Ministry of Health which is guided by the World Health Organisation. When the pandemic was first declared, the Council was inundated with new burial plot reservation requests. Burial plot reservations last for 60 years effectively locking up that area of land. The halt on plot reservations does not prevent burials from occurring. If a family want to conduct a burial, a plot will be made available to them at the FNDC cemetery of their choice.

PUBLIC TOILETS

Northern Ward

Members of the public are confusing the council's public toilets for Mitre 10, with ongoing reports from cleaners that plumbing fixtures, piping, cisterns, toilet seats etc. are being stolen and soap dispensers attempting to be removed.

A failed attempt to remove the plumbing fixtures and toilet pan from the Korora Park Toilets resulted in a broken water pipe and the cleaner arrived to find water spraying everywhere. Not only did the pipes need repairs, but the toilets also required a paint job as the non-potable water from the bore is a lovely 'cola' brown.

RSL reported a brand-new toilet pan installed on the 20 November 2020 was stolen out of the locked toilet cubical at Whatuwhiwhi.

Two toilets seats reported stolen from the newly refurbished toilet block at Mitimiti.

These are only a few incidents that have be reported over the month of November 2020. Not to mention the ongoing RFS's received for graffiti removal, smashed lights, broken windows and locks.

Klinac Lane, Waipapa

The Body Corp who owns and operates the sewerage treatment plant these public toilets discharge into has been issued an abatement notice from NRC. 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 period of the notice 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.

Everything is now in place for the peak season second serve program and portaloos have been placed in some areas to help with increase visitor numbers.

ENCROACHMENTS

Work continues to address a number of encroachment issues across the District. Several other encroachments continue to be investigated and furthered. There continues to be an increase in such issues coming to Council to resolve with a lot of being as a result of 'neighbourly disputes'.

Te Hue Bay –An agreement is currently being signed to include an existing slipway and picnic area on reserve land as community assets.

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 vast majority of the funding has now been utilised and reports are needing to be prepared to update MBIE on final outcomes.

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
- Pah Road, Kerikeri - seal and stormwater remediation work
- Moerewa (vacant section) between Otiria Road and Ranfurly Street) – full clean of site
- 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

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

- Kaeo Service Centre – stormwater remediation work
- Opuia-Paihia walkway – track work
- Opononi/Omapere foreshore erosion and vehicle access controls

Various Scopes to be managed by DF team

- Paihia waterfront – beach clean
- 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)
- Russell (new)

Temporary toilets are provided at:

- Unahi Wharf
- Lake Manuwai
- Rangitane Reserve
- Rawhiti

SOLID WASTE

FNDC Solid Waste Services

Panguru Community Recycling Centre

The shelter has been removed and the moving the recycling facilities to the Panguru refuse transfer station will be completed in early December.

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 are finalising collection requirements before the proposal is presented to FNDC management for approval.

Ahipara Landfill leak

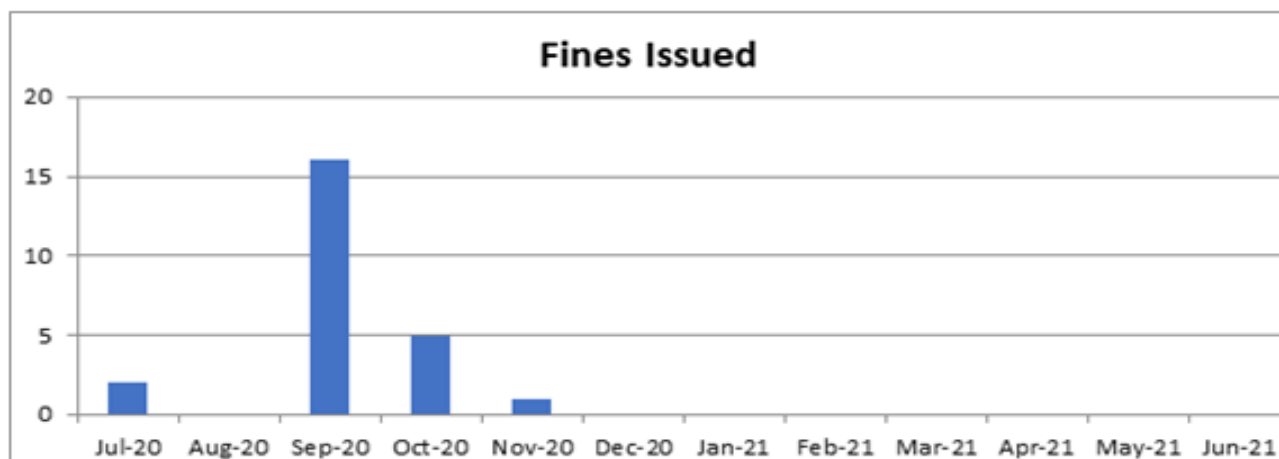
The Ahipara landfill has developed a slow leak at the northern end. A catchment bund and storage pond for the leaking leachate will be built as a temporary measure while staff investigate the cause of the water ingress into the landfill.

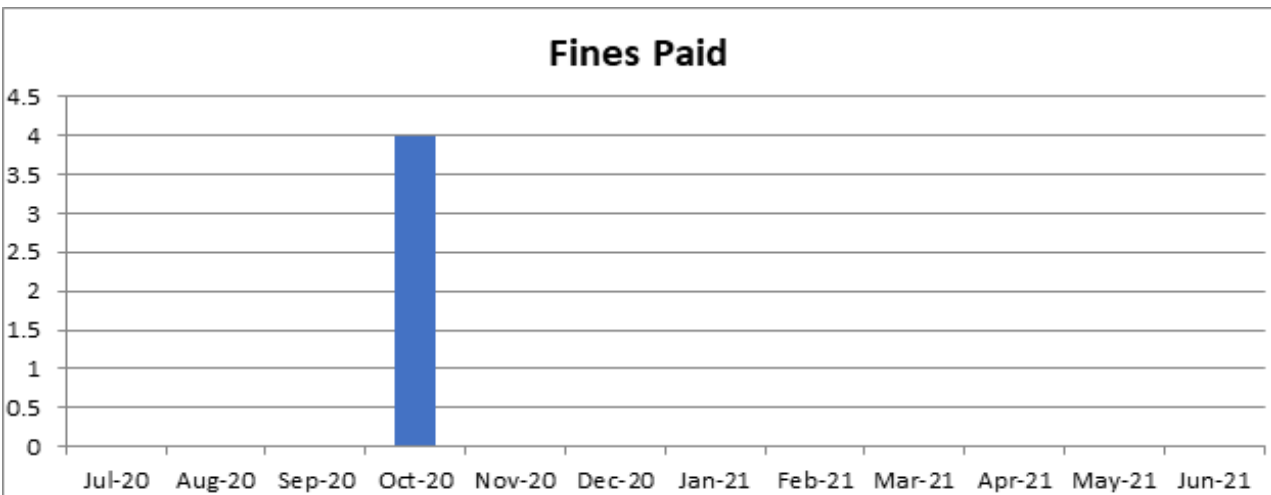
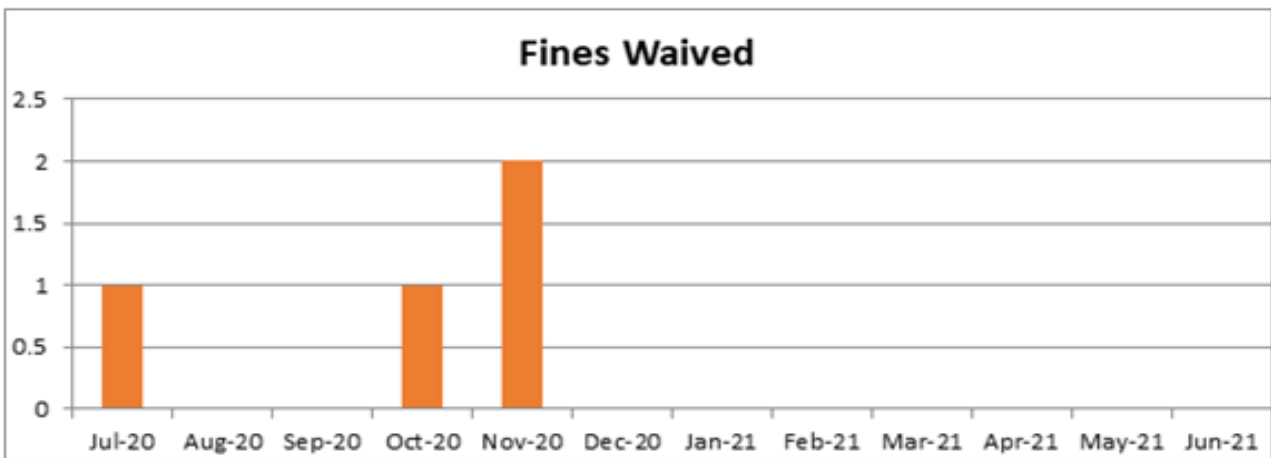
Waste Management staffing change

Craig Edwards, Waste Management's area manager, has retired after having run refuse and recycling services in the southern part of the Far North District for over 25 years. He has been replaced by Shane Robbertsen who has moved up from a similar role in Taranaki.

LITTER INFRINGEMENT ACTION

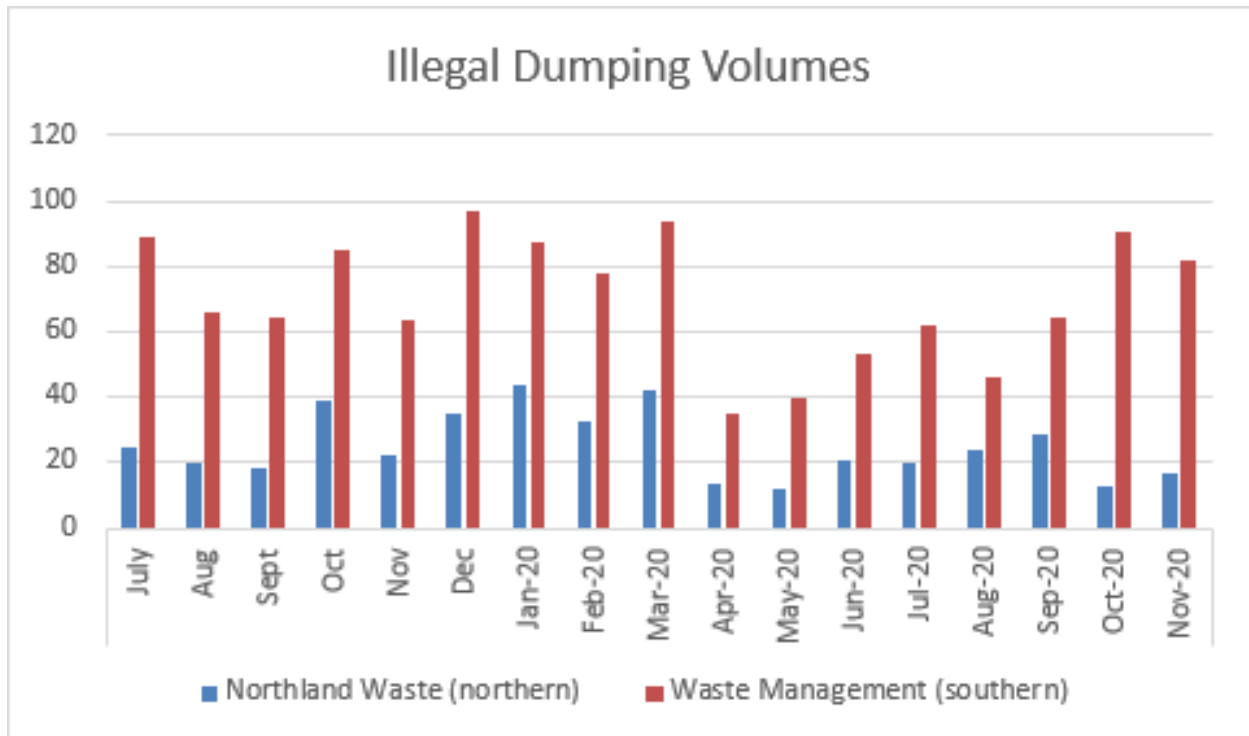
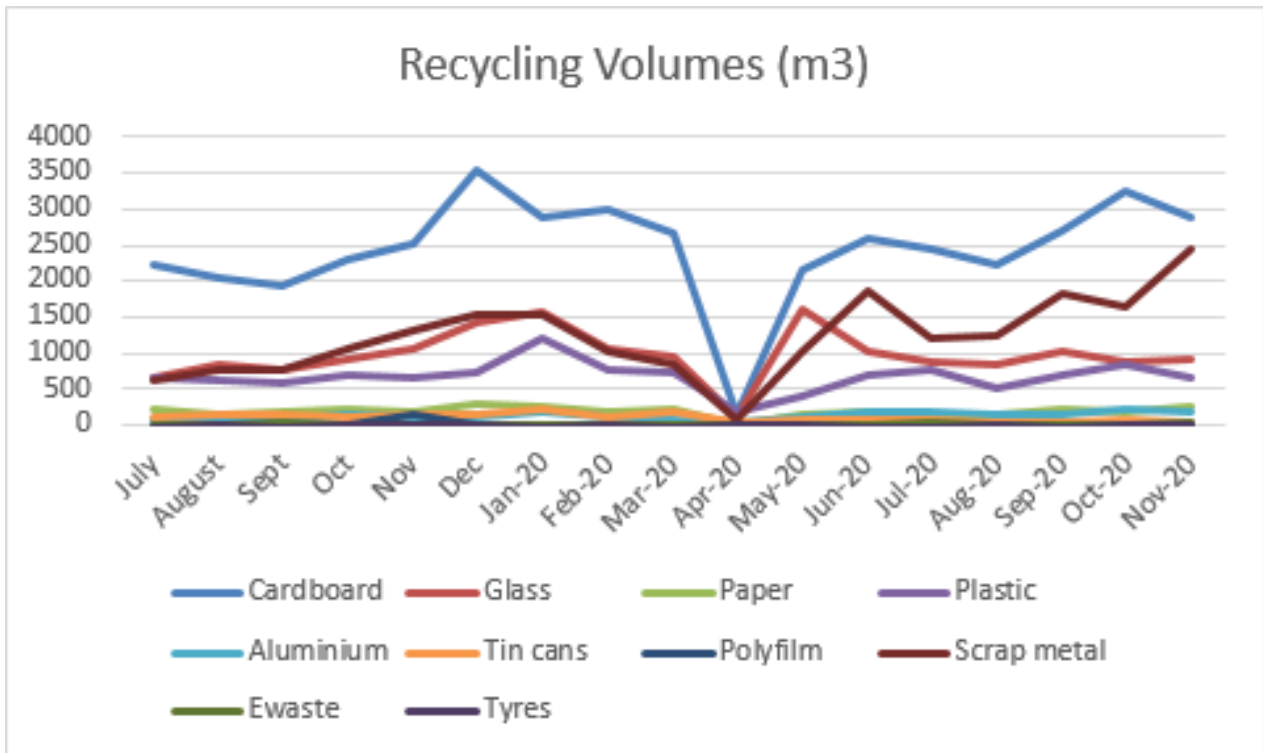
Month	Offence Details	Notice Number	Offence Date	Offence Type	Status	Balance	Location Details
November	RFS 4*****	5192	30/10/2020	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Inland Road, Karikari Peninsula Location: By Gumhole Reserve

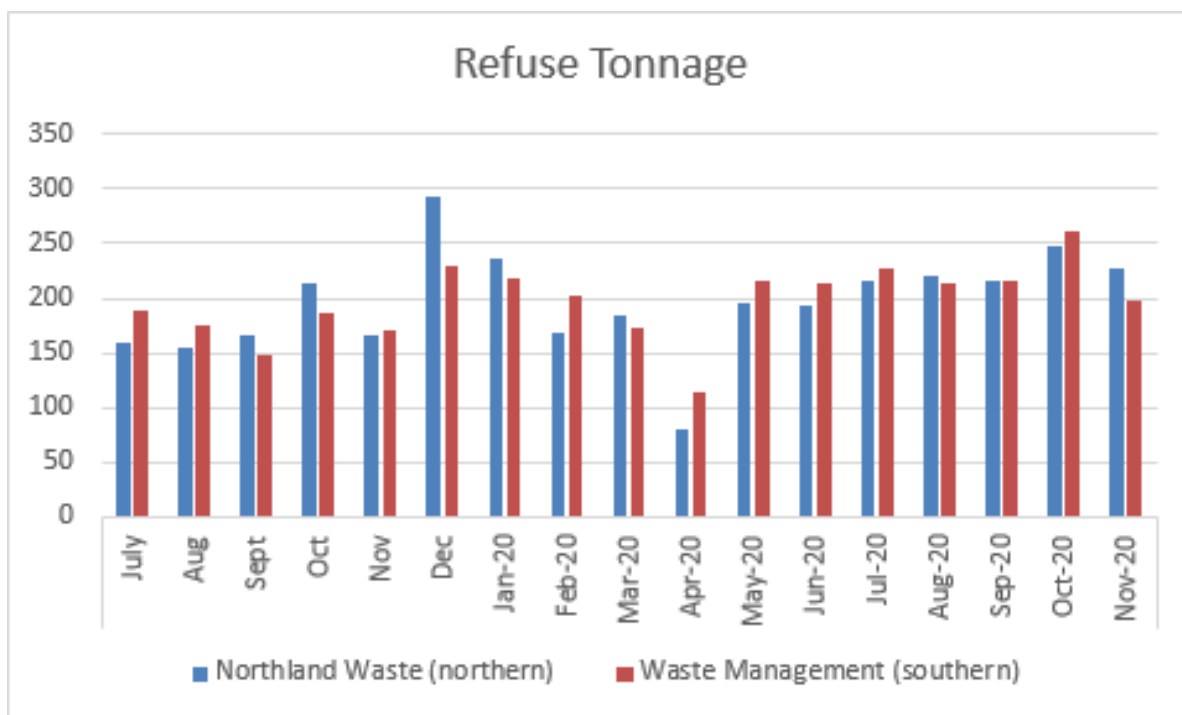




On-going discussions are being had with monitoring and compliance as the figures presented continue to be a small portion of the amount of illegal dumping material presented for investigation and issuing of fines.

SOLID WASTE STATS





This month was a busy and rewarding month!

Events: our educators assisted the Mangonui Xmas in the Park and Kaitaia Xmas parade to divert their waste, with recycling lids, signage training recycling ambassadors and sorting the final waste, both events utilised compostable packaging, diverting .6m³ of compostable waste from landfill, and recycling 2m³.

Schools: 60 lessons were delivered to over 1000 children from, Oromahoe, Nga wawata Kindi, Kaikohe West, Riverview, Mangonui, Awhi poumau Kohanga reo, Taipa, Oturu, Ohaeawai schools, covering various ways to be climate positive and how to look after Papatūānuku.

Mangonui built two more worm farms, getting ready to expand their composting, and may sell worms in future! **Taipa school** learned about plastic in the oceans and made posters to share their learning **Kaikohe west school** learned the 6 r's and made re use bags to reduce the use of plastic bags!

A few of our schools made paper, to learn more about this resource, and celebrate Paper 4 Trees 20th anniversary!

Businesses: businesses were visited to ensure their waste systems are still on track; some businesses in Doubtless bay were approached to gauge interest in a new compostable packaging and waste pick up service we plan to mentor in the New Year; Arama Community Gardens Kaicycle!

Community: The textile rescue was supported to divert over 2m³ of textiles from landfill; this month clients from the women's refuge joined the group, learning skills and making connections. They also visited the Arama community gardens and Kaitaia Community house and community gardens, one of our EcoStar Organisations; using our networks we were able to provide a sustainability focus for the month. We helped Mana Kai, one of our EcoStar businesses make over 400 free beeswax lunch wraps during Awai day. Mana Kai provide us with around \$2,000 worth of beeswax a year to make free beeswax lunch wraps in schools!

New EcoSolutions Educator; thanks to funding from MFE we have hired another Eco Educator in the mid north to cover the Hokianga and Moerewa, as her first action we have begun to create a strategy to reduce waste dumped at the Rawene intersection; this will begin with a clean-up, then tamariki of the area will investigate solutions; we aim to create a sign explaining when waste should be left, in conjunction with the EcoHub and Timebank. The initial online response we have received is that as the waste is picked up on

Mondays at 8am it is only reasonable to expect that some will be left the night before, there is an option to source an old stock cage to make a dog proof holding pen, as other roads have done.

Clean up events: 90-mile beach clean-up; This year, supported by the Te Hiku Spat Collectors we were able to clean from the Bluff to Shipwreck bay, removing 3.1 tonnes of waste from the beach.

Online content: posts were made and viewed by over 20K people on various topics such as the Te Oneroa a Tohe beach clean, sharing activities from school visits, new lesson ideas, beeswax lunch-wraps, recycling information, videos of waste wise teams, how to worm farm, ideas for a zero waste Xmas and much more.

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

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

SWIMMING POOLS

The Kaitaia and the Kerikeri pools are now open for the 2020/21 Summer season.

This season has been a difficult one as COVID shutdown resulted in the pools not being serviced during that period and impacted some of the ongoing maintenance. Council has provided additional support to Hapori, enabling the Kaitaia and the Kerikeri pools to open on time. The additional support included payments for the maintenance of water and chlorine pumps at all 3 pools and servicing of photometers.

The Council has also provided additional financial support to the ministry of education owned pools at Kerikeri High School and Northland college, allowing larger items of essential maintenance to be carried out.

Kaikohe Pool

Investigations have been carried out to find the source of the leak in the Northland College owned Pool. Unfortunately, the results were indeterminate. Whilst it is probable that the leak was within the concrete shell, we were unable to eliminate the possibility of it being within the sparge line at the bottom of the pool.

Whilst painting and resealing the pool would most probably reduce leakage and provide a good waterproof membrane, the cost would be around \$25,000.00.

There was not enough certainty that the leak was in the pool structure and not the sparges to risk this outlay so it was decided to try to re-seal some of the more suspect joints and refill with water. Far North Pools was engaged to do this.

This is not an ideal solution and may be quite risky. If the sparge line is not to blame, there will probably be some smaller leaks over the summer period. Hopefully they would not be excessive, and it will be possible to keep the pool running over the Christmas period, ideally until at least the end of February.

Council is arranging a check meter to monitor water usage.

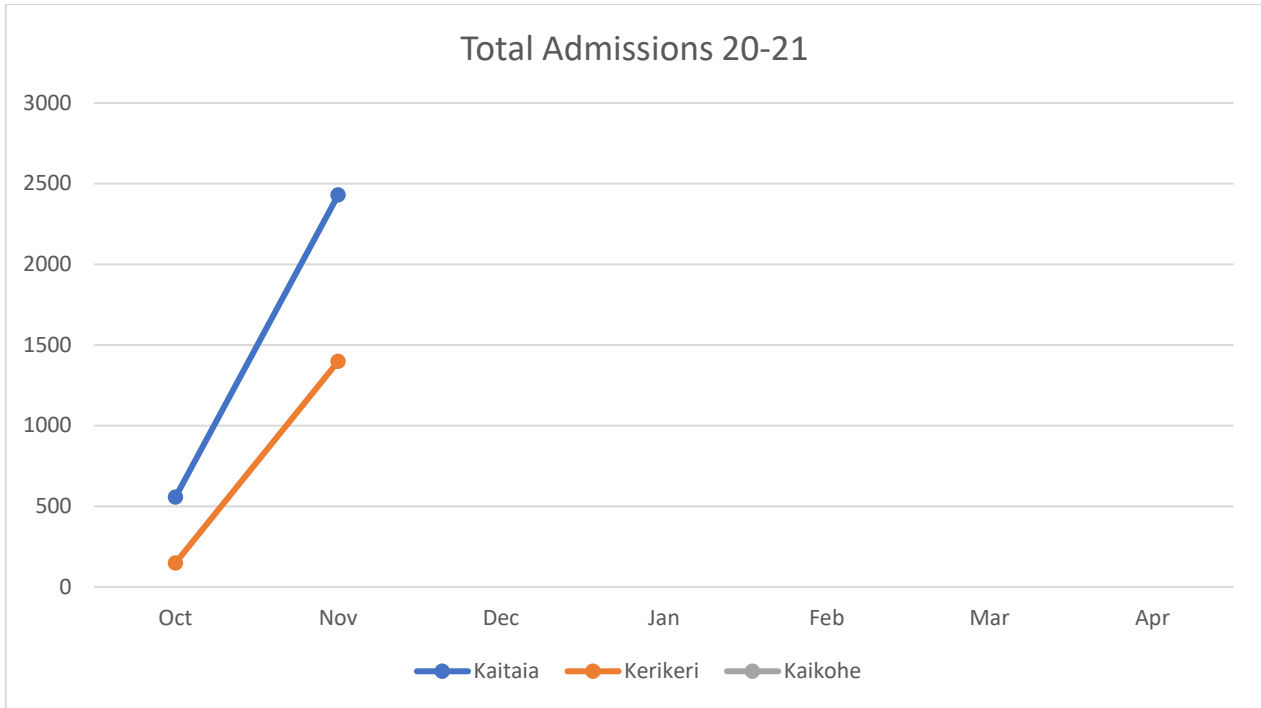
Long term consideration needs to be given to the pool as the sparge pipe is of cast iron construction and will be nearing the end of its life. Replacement of that will be a major undertaking. It is also necessary to repaint the pool every 5 yearly to retain its impermeability. Northland College have indicated that, like the community, they value the pool, it is not an item that they can afford to maintain.

The pool is currently being filled and Council have requested that the pool is opened on or before 19th December.

ADMISSIONS

KERIKERI	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	36	221					
Concessions	62	587					
Under 5	10	71					
Super A	13	106					
Spectator	27	329					
Lane Hire		85					
Event Hire							
School							
Total	148	1399					

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



REVENUE

KERIKERI	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$268	\$2323.00					
Pool Hire		\$622.50					
Shop		\$54.00					
Total	\$268	\$299.50					

KAITAIA	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$347.82	\$3,272.00					
Pool Hire	\$330	\$3,725.00					
Shop	\$18.20	\$205.60					
Total	\$696.02	\$7,202.60					

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									
Kaikohe Headquarters – Annex and upstairs	96.7									
Kaikohe Headquarters – Publications	96.7									
John Butler Centre – Level 2	97.6									
John Butler Centre – Level 1	98.2									
John Butler Centre – Ground floor	97.3									
Rawene Service Centre	3/M									
Kaero Service Centre and Library	3/M									
Procter Library	96.6									
Paihia Library	96.3									
Kaikohe Library	3/M									
Bay of Islands Information Centre	96.9									
Hokianga Information Centre	3/M									

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, improvement and development ideas have been 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 clean and tidy.

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

Okaihau Hall

Hoskin Civil have provided a condition assessment of this site including issues with paint work that continues to bubble. This condition assessment is currently being reviewed and options investigated. The issue with the blocked stormwater drains have been assessed and a quote expected by mid-November 2020 which should see the stormwater drainage connected to the kerbside.

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.

Unfortunately, the water pump servicing the hall was recently stolen for the second time in approximately a year and a half. The option of moving the pump to a more secure location is being investigated.

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:

		Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
# units vacated (received for refurbishing)		4	3	0	1	2	0	1	3	1	0	1	2	2
	Northern:	Awanui Oxford St + Puckey Ave	Oxford St			Puckey Ave			Awanui, Oxford Street	Awanui		Puckey		Kohukohu
	Western:		Kaikohe		Rawene				Rawene				Kaikohe, Rawene	Omapere
	Eastern:													
# unit refurbishments progressing		6	7	6	6	5	5	4	4	7	7	6	7	5
	Northern:	Oxford St	Oxford Street	Oxford Street						Awanui, Oxford St	Awanui (2), Oxford St	Awanui (2), Oxford St	Awanui (2), Oxford St, Puckey	Awanui (2), Oxford St,
	Western:	Waima Kaikohe	Waima, Kaikohe	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
	Eastern:	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa		
# units completed (returned for tenancing)		5	0	2	1	2	1	0	0	0	1	1	1	3
	Northern:	Awanui Oxford St + Puckey Ave		Oxford St		Puckey Ave	Oxford St							Puckey
	Western:	Kaikohe			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 delivery draft stopping, and installation of heating work commenced 26 October. This work includes the window repairs required for each unit as well as the installation of heating units on completion. The scheduled end date is the end of December. Tenants will no longer be required to move out of units while this work is being undertaken.

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, are currently trying to be secured for this site.

Rawene

Unit 3 is currently undergoing extensive urgent renewal work as a result of a significant leak within plumbing pipework in the wall linings. The plumbing work is now completed, and the reinstatement of the fixtures are underway.

Kawakawa

Unit 1 is currently undergoing extensive urgent renewal work as a result of a significant leak within the plumbing pipework.

Kaikohe

Quotes have been received to convert bath to accessible shower due to gradual water damage to the bath surround.

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: Hokianga Coastguard Lease (new)	NOV '20 Rawene Campus MOU with Te Puna o Kupenuku (potential lessee). This MOU is focused on the relationships (review only).		
				JAN: Hokianga Treks	NOV '20 Rawene Campus Lease with Te Puna o Kupenuku (potential lessee). New and needs to align to the MOU and clearly ID roles, responsibilities and liabilities etc.		
Eastern	Kerikeri College - Swimming Pool MOU (review)	AUG '20: Russell Sports Trust Lease (renewal)	OCT '20 Cherry 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: Walls 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: Pahiia Village Green: this years market on hold due to the impact of COVID and no cruise ship visits.						
	NOV '20 Cherry Park House - discussions underway with EM's 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: Pahiia 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.

PPROVINCIAL GROWTH FUND (PGF) ROADING

EXECUTIVE SUMMARY

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

The delivery milestones required to achieve the dates set out in the funding applications are very tight and will require some accelerated processes and innovative delivery methods. All three projects will be delivered with a staged programme; design for initial stages will allow earlier construction, with design of subsequent 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.

November has seen some exciting progress onsite at Peria, with Section one being prepared for seal which is expected early December. Construction and enabling works are in various stages on 4 of the 5 sections at Peria.

Delays in consenting and archaeological authority for Ruapekapeka Road have delayed commencement of earthworks but the team is ready to progress when we have approval.

SUMMARY - NOVEMBER

Priority 1 Routes

Delivery of the Strategic Roads Priority 1 Routes package (Peria Road and Ngapipito Road) is being undertaken through the existing NTA Road Maintenance Contracts.

- Peria Road – 6.3km seal extension and associated works is being delivered through the North Area Contract by Fulton Hogan.
- Ngapipito Road – 5km seal extension and associated works is being delivered through the South Area Contract by Broadspectrum.

Good progress is being made onsite with construction works. Peria has been split into 5 sections, with staging of works on each section allowing multiple sections to be in construction at once (once enabling works on section one have been completed, the team can move to section two and so on). Currently 4 out of the 5 sections are in various stages of construction, with section one being prepped for sealing.

Next month's activities for Peria Road will focus on continuing with pavement construction and sealing on sections 1 and 2, and drainage/earthworks on sections 3 and 4.

Commencement of construction on Ngapipito has been delayed slightly during the design phase, but this will not impact on the completion of the project.

Ruapekapeka

For the Ruapekapeka Road project, we have engaged Broadspectrum 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 January or February 2021.

Design work has continued on Stage 1 and 2, and the SH1 intersection improvements. 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 and Stage 2. Earthworks and drainage are ready to start once we have Heritage New Zealand approval and FNDC consent, which is subject to a signed agreement between FNDC and Te Ruapekapeka Trust. We are working through the finer details now and hope to have an agreement in place before Christmas. Construction will commence in the New Year due to the closedown over the Christmas Break, but will stop for the Commemoration event on 3 February 2021.

PROGRAMME OVERVIEW

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

The deliverables for Payment #1 were achieved for both projects, unlocking the first claim value of \$500k in August. The first quarterly payment claim for the work completed up to 30 September has been processed through NZTA's TIO system.

► Priority 1 Roads Programme Milestones		
Deliverable	Completion Date	Status
<ul style="list-style-type: none">• Funding Agreement executed by both parties.• Investigation and design underway.• Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September	August 2020	

► Priority 1 Roads Programme Milestones

Deliverable	Completion Date	Status
2020.		
<ul style="list-style-type: none"> • ECI agreement in place • Stage 1 investigation and design complete 	30 September 2020	
<ul style="list-style-type: none"> • Stage 2 design complete • Stage 2 construction underway 	31 December 2020	
<ul style="list-style-type: none"> • Stage 2 construction complete 	31 March 2021	
<ul style="list-style-type: none"> • Final completion of surfacing MSQA reporting and monitoring paperwork 	30 June 2021	

► Ruapekapeka Road Programme Milestones

Deliverable	Completion Date	Status
<ul style="list-style-type: none"> • Funding Agreement executed by both parties • Investigation and design underway 	August 2020	
<ul style="list-style-type: none"> • ECI agreement in place • Stage 1 investigation and design complete • Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020. 	30 September 2020	
<p>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 rest of the programme. We will work with the contractor to accelerate construction where possible, however we had already considered this to achieve delivery on time and there may not be any additional gains to be made.</p>		
<ul style="list-style-type: none"> • Stage 1 construction complete • Stage 2 design complete • Stage 2 construction underway 	31 December 2020	
<ul style="list-style-type: none"> • Stage 2 construction complete 	31 March 2021	
<ul style="list-style-type: none"> • Final completion of surfacing 	30 June 2021	

The budgets will be further refined as the final scope of work is better understood in the near future, but early indications are that the approved funding will be sufficient to complete the intended scope of work.

STAKEHOLDER COMMUNICATION

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

Partners and stakeholders involved in these projects include;

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

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

The upcoming 175th anniversary commemoration planned for January 2021 is a very important and significant event that we must plan around and it may further affect the ability to achieve key milestones when added to consent delays and the Christmas break.

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 - NOVEMBER

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 and it will need to be appropriately managed due to the deadline and finite funding.

November has seen weekly meetings established with the Project Working Group to better define and programme work and 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">The agreement executed by both parties. Project is 'shovel ready'	30/10/2020	
<ul style="list-style-type: none">Surveying, detailed plans and preparation for works at Ahipara, Awanui and Kaitaia. Recipient to provide evidence to the Ministry that the previous instalment has been spent.	28/02/2021	
<ul style="list-style-type: none">Awanui carpark & playground underway Ahipara carpark & playground underway Recipient to provide evidence to the Ministry that the previous instalment has been spent and that the consent has been granted.	30/05/2021	
<ul style="list-style-type: none">Kaitaia Town square and market square complete Streetscaping completed Ahipara, Awanui and Kaitaia Pump park completed in Kaitaia and Ahipara Recipient to provide evidence to the Ministry that the previous instalment has been spent.	31/08/2021	
<ul style="list-style-type: none">Awanui carpark and playground completed Ahipara carpark and playground completed Cultural Art erected Awanui Jetty completed Ahipara walkways completed	30/11/2021	
<ul style="list-style-type: none">All works completed and project finishes	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, payment on time 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 youth and previously unemployed persons that are being 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
	Total Allocated	\$25,990.00
	Balance	\$96.96
	GST	\$3,913.04
	Total Fund	\$30,000.00

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.

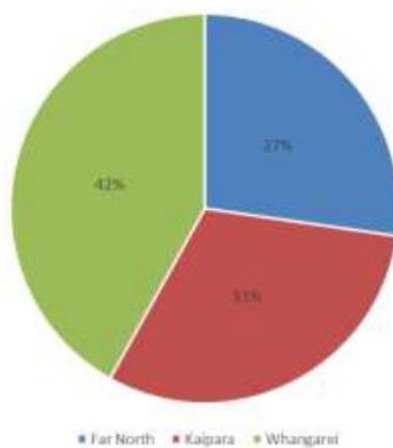
Drought Recovery Grant – Northland Drought 2020. On 25 May, the Ministry of Primary Industry (MPI) made \$250,000 available to help Northland famers mitigate the financial effects of the Northland drought. Centralised with NRC, the grant was made available through a robust claims process.

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.

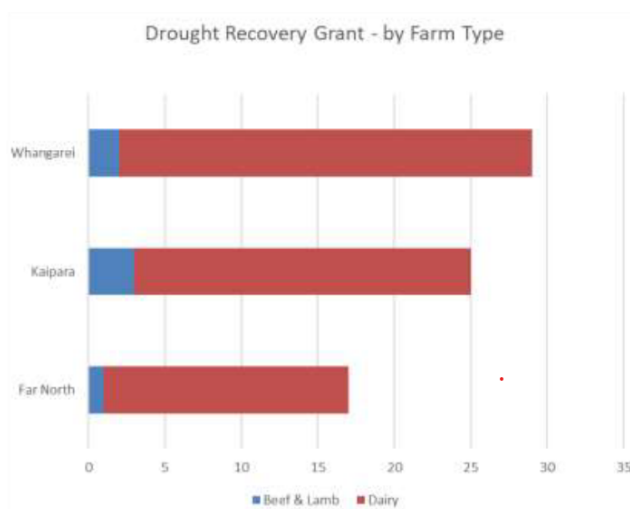
The table and graphs included show the distribution of the Drought Recovery Grant for Northland by district and farm type.

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
Total allocated	65	6	\$250,000.00
Balance	-	-	\$ 000.00
GST	-	-	\$ 37,500.00
Total	-	-	\$287,50.00

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

Location and Region:	Te Tai Tokerau\Northland
Contracted Amount:	\$9.32 million
Report Date:	For the month ending 30 November 2020
Programme Outcomes:	<ul style="list-style-type: none"> • prioritise the employment of local workers displaced by the COVID economic crisis; • occur at pace, time being critical; and • assist in meeting the social procurement objectives agreed between the parties

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.

Agreement Variation Approved during November

In early November Whangarei District Council, on behalf of all entities contributing to the completion of the Te Tai Tokerau Worker Redeployment Programme, formally requested a change to “Clause 7 - Completion Date” of the “Te Tai Tokerau Worker Redeployment Package” Funding Agreement in place between Ministry of Business & Innovation (“Ministry”) and Whangarei District Council (“Recipient”) from the current date of 28th November 2020 (being six months from the Commencement date) to 28th February 2020 (being six months from the storm variation Commencement Date).

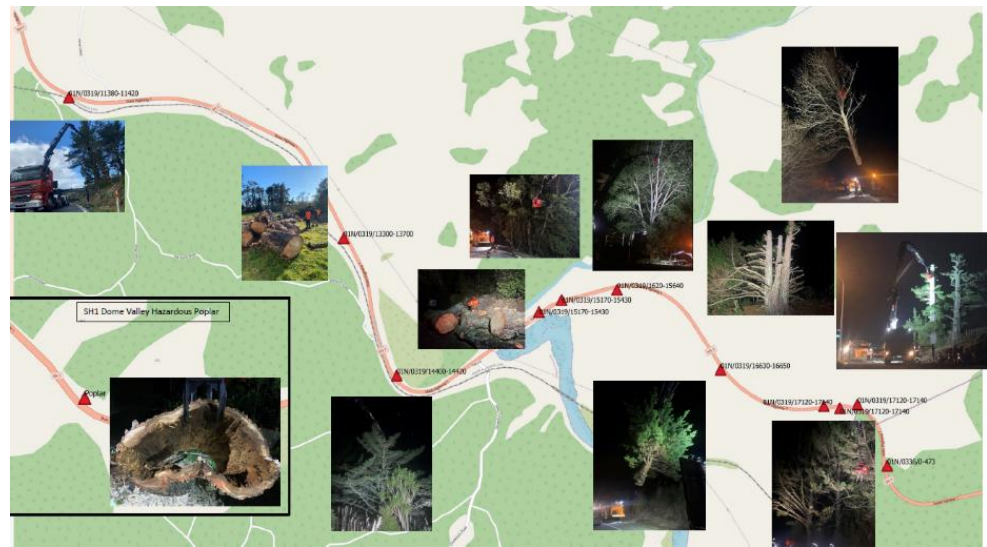
It had been identified that due to the combination of storm damage resource impacts, increased scope (\$4m storm damage variation) and seasonal constructability for some activities (primarily footpaths and grading) that completion of all physical works milestones within the funding agreement will not be achievable on or before the current contractual Completion Date of 28th November 2020.

In addition to the constraints, to date the programme has been extremely successful, with 98 previously unemployed people employed to undertake project activities (against an initial target of 50), and through approving an extension of the completion date employment of a significant number of these individuals will be able to continue through the Christmas period and into the New Year.

Notification of Completion Date Variation approval was received from MBIE on Wednesday 11th November, with associated changes made to the milestone schedule for the continuation of Monthly Reporting through until March 2020 and re-phasing of remaining funding payments across the remaining extended duration.

Project Element	Details of progress
1. Removal of self-seeded roadside trees	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.
2. Roding sightline improvements and vegetation clearance	Arborist360 completed the hazardous tree removal component of works in November with a full summary report included as an attachment to this update.

State Highway 1 Tree Removal Sites



State Highway 12 Tree Removal Sites



[VIEW TREE REMOVAL VIDEO](#)



3. Roadside litter collection and clean-up

By the end of November, up to 20 tonnes of litter has been removed from roadsides, and 21 anti-litter signs have been installed at litter hot spots instructed by Waka Kotahi to support the PGF Project to the following locations below;





4. Removal of known Roadside hazardous trees

FNDC - Work is progressing well with Northern Tree Works (NTW) accomplishing good results with positive comments and feedback from the public. Large trees targeted in Greenacres Drive and Te Ahu Ahu Road.

WDC - Good progress on a number of sites with old and large dangerous pines on Whananaki North Rd. Two lone pines (separated by 50 meters) 191 to 240 meters, four huge pines corner of Whananaki North Rd and Pigs Head Rd. Two large pines outside 426 Whananaki North Rd.

KDC - Programming and planning of works has continued through November with sites addressed on Waihue Road, Dargaville.

	<ul style="list-style-type: none"> • Approximately 84 pine trees were removed by one crew (4 each for traffic management and tree removal) in week 1 of November. Mulch from site went to farmers and local residents plus Greenways Trust also accepted mulch. • Section 1 & 3. Approximately 105 Pine trees were removed during Week 2 of November, across two crews (8 in traffic management/6 in Tree removal). • Section 1 & 3. Approximately 150 Pine trees were removed during Week 3 of November, across the two crews (8 in traffic management/6 in Tree removal).
<p>5. Removal of self-seeded roadside trees</p>	<p>FNDC - Self-seeding trees have been treated in two ways. A number of trees required an arborist to safely remove from the roadside and needed the same team of NTW and NZ Traffic management. Although self-sown, these trees needed mechanical removal and mulching. The spray contractor has also been spraying some of these trees so there has been a crossover over from noxious weeds and self-sown seedlings.</p> <p>Below is an example of this crossover, with sprayed gorse, and self-sown wattles to be removed on Wiroa Road. Once felled, gorse and trees will be mulched with a large mulching mower.</p> <div style="display: flex; justify-content: space-around;">   </div> <p>WDC – sites completed during the month:</p> <ul style="list-style-type: none"> • Pigs Head Rd - 43 wilding pines removed • Whananaki North Rd - 4 wilding pines removed. • Other self-seeded trees removed on One Tree Point Rd, Marsden Point Rd, McCathie Rd, Salle Rd, McEwan Rd. • Takahiwai Rd - completed up to house number 57 (left hand side). <p>KDC – Self-seeded tree removal on Waihue Road, Dargaville & Tara Road, Mangawhai.</p> <p>In addition to this, further localised mechanised tree pruning has been undertaken by local subcontractor Challenger Specialist Mowing at various West Coast sites.</p>
<p>6. Roadside litter collection and clean-up</p>	<p>FNDC - The southern team have completed Wiroa Rd, Kerikeri Rd prior to the marathon held on November 21st. There were many hundreds of visitors to the district who travelled these roads. The Southern area contractor has completed the program and all those involved have been retained on other aspects of the business. Fulton Hogan have commenced litter collection on Kaitaia – Awaroa Rd to Ahipara utilising their full attenuator truck and Traffic management team when completing due to the safety aspects and high risk. This will incur a higher cost but is critical on this high profile / high risk road and completion of the task will have positive public recognition of the effort made. Work commenced on Friday 28th November and within 6km (3km each direction) had collected 88 bags</p> <p>WDC – litter collection completed during November at Marsden Point Rd, One Tree Point Road, McCathie Rd, Salle Rd, McEwan Rd and Takahiwai Rd</p>

	<p>KDC - A varying crew of 2-6 females have continued with the roadside litter collection programme in November, primarily focused on Pouto Road (towards Te Kopuru).</p>
7. Spot Spraying Noxious Weeds	<p>FNDC - Spraying has commenced in both areas. Some self-seeding trees are being sprayed and felled by the same team as doing noxious weeds while larger trees under this programme will be removed by arborists due to the proximity to the road.</p> <p>WDC – Spraying completed during November at Marsden Point Rd, One Tree Point Road, McCathie Rd, Salle Rd, McEwan Rd and Takahiwai Rd.</p> <p>WDC Parks - 1 FTE continued to work with the Pest Plant team. They focused on cutting and pasting Taiwan Cherry at Parihaka.</p> <p>KDC – Completion of spraying works on Baldrock Road, Moir Point Road, Oparakau Road, Kaiwaka Mangawhai Road and Arapaoa Road.</p>
8. Sight Rail Improvements (3# districts)	<p>FNDC - Presently working on the Matauri Bay Loop and Haruru Falls which should complete the programme to budget.</p> <p>WDC – Work completed at sites on Ngunguru Road, Matapouri Road and Whangarei Heads Road (17 sites completed to date).</p> <p>KDC – No further work completed in November</p>
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangī	<p>Works are progressing well in the following sites;</p> <ul style="list-style-type: none"> • Mangawhai Community Park, Reinstatement of shared tracks/walkways in progress. • Mangawhai Community Park, Removal of Gum Trees and Wilding Pines completed. • Mangawhai Community Park, mulching and preparation for revegetation completed. • Mangawhai Park – Golf Course Area, Removal of Wilding Pines, Acacia and other pest Plant Species completed. • Pou Tu o Te Rangī, Pest Plant Removal, clearance and implementation of pest plant plan and preparation for revegetation significantly completed. • Northern Wairoa Memorial Park, pest plant eradication through bush reserve area completed. Remediation of bush walking track in progress. • 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 continuing. • Omana Road Reserve, Pest Plant Eradication in progress • Mangarahu Rock Reserve, Pest Plant Eradication/Treatment completed.
10. Whangarei District Council Parks - Vegetation clearance & clean ups	<p>Resources assisted with Cycleway construction (item 13) during November</p>
11. Far North District Council Parks - Vegetation	<ul style="list-style-type: none"> • Major mulching projects on the Heritage Bypass and the Wendywood Lane Redwoods to suppress weeds and increase the quality of the growing conditions for the trees – this includes the spreading of 240m3 of bark mulch and post peelings which is ongoing. • Clean up of unmanaged reserves on Rarere Terrace including removal of moth plant, tobacco weed, Taiwanese Cherry

clearance & clean ups	<ul style="list-style-type: none"> Weeding and planting of spinifex on the Te Ngaire Bay sand dune restoration project working with volunteers and NRC Cutting and removing of bamboo in Kaitaia
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	Final wrap up of project element activities – funding item now complete.
13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	Continuing to construct the cycle trail Vinegar Hill Road end. This month involved removing and recycling the fencing materials, track formation, installing base aggregate, retaining wall, and re-establishing fencing.
14. New Footpaths (3# districts) missing links in existing urban network	<p>Overall – Delivery remains aligned with planned construction schedules</p> <p>FNDC –</p> <ul style="list-style-type: none"> Road Safety Audit - RSA completed for Signal Station Road, final price from contractor received and construction started. Construction of drainage, kerb and channel and footpath on Point Rd are complete. The private and business accesses are under construction. Carriageway pavement adjustment programmed for last week of November. <p>WDC –</p> <ul style="list-style-type: none"> All key work items completed at Tauraroa Rd and Gillingham Rd Started construction at Ngunguru Rd <p>KDC –</p> <ul style="list-style-type: none"> Hauraki and Sons continue to progress work on the Matakoho Shared path
15. Accelerated Unsealed network grading program	<p>FNDC - The WRG programme is progressing in the Southern region with Waiotemarama Gorge, Takou Bay, Otaha Rd, Purerua, Oihi and Rangiahua Rd completed. The programme in the North is on hold. Residents on Henderson Rd have issues with the products being used and are in dispute with council. Fulton Hogan have withdrawn their plant from the area as other residents have joined the issue, so no work has yet been started.</p> <p>WDC – Unsealed road surface binding treatment on hold until additional dust suppressant product arrives.</p> <p>KDC – No works undertaken during November.</p>
16. WDC Storm Response works	<p>Storm Response scope accepted by MBIE and activities have continued.</p> <p>Progress to date shown below</p>

Work Type	Total	Monthly Progress		
		Expenditure	% Complete	Comments
Stormwater, Waste & Drainage (retrospective)	\$ 163,943.90	\$ 163,943.90	100%	Retrospective costs
Stormwater, Waste & Drainage (work to complete)	\$ 405,865.08	\$ 331,137.09	82%	Works have commenced on all activities
Parks (retrospective - completed or committed)	\$ 490,341.25	\$ 610,254.95	124%	Works completed - cost overrun to be covered through other funding areas
Parks (work to complete)	\$ 290,600.00	\$ 63,481.00	22%	Works completed on Lovers Lane Pedestrian Bridge
Roading - Priority 1 & 2	\$ 650,333.99	\$ 307,303.74	47%	Work associated with 5 of 21 activities has been completed with 4 further activities underway
	\$ 2,001,084.22	\$ 1,476,120.68	74%	

17. FNDC Storm Response works

While the non-retrospective component of Storm Activities commenced in November associated financial information for the month was not available at the time of compiling this report. (Table below reflect expenditure to end October)

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	\$ -
Parks	\$ 550,735.00	\$ 31,435.00	\$ -
Roading - Moerewa Specific	\$ 50,101.25	\$ 50,101.25	\$ -
Roading - General	\$ 949,528.63	\$ 2,626.88	\$ -
	\$ 2,093,123.78	\$ 340,671.19	\$ 190,852.12

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	52	20	14	26	7	5	Full Time Contractor
5. Removal of self-seeded roadside trees	23	9	7	9	1	2	Full Time Contractor
6. Roadside litter collection and clean-up	22	10	6	5	2	9	Full Time Fixed Term
7. Spot Spraying Noxious Weeds	17	11	3	4	1	1	Combination of Contractor staff & redeployed workers
8. Sight Rail Improvements (3# districts)	14	0	5	6	2	3	
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	2	2 new FTE employed by Te Hau Āwhiowhio o Otangarei Trust
11. Far North District Council Parks - Vegetation clearance & clean ups	6	5	0	5	1	1	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	2	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	63	13	16	33	0	3	Specialist contractor work supplimented by new employees where possible - Only those engaged during November are listed
15. Accelerated Unsealed network grading program	19	0	5	6	2	3	Majority of physical Work yet to commence
Target	165	50	30%	45%	5%	20%	
Actual current month	266	97	69	126	18	41	
			24%	45%	6%	14%	
Actual September	187	98	57	98	9	39	
			30%	52%	5%	21%	
Peak Employment (October)	293	98	72	126	25	50	

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
265	Unable to provide exact measure with number of commencements and completions across multiple activities	Limited additional jobs for remainder of programme. Intent is to retain employed staff for as long as funding allows (including redeploying across activities)

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

KDC Parks:

Currently 26 people employed as part of the current stages of works, of which 2 are contractors. Of the 26 employed, 7 of these have now completed the works such as planting and mulching that they were engaged to undertake and have been redeployed to works outside of this project. There are currently further works being undertaken at present such as reinstatement which is expected to require a further 5 new workers to complete and it is expected that there will be 21 people employed through the month of December to continue with completion of elements of this work package.

WDC Parks:

Weed clearance – partnered with Recreational Services

One of the two engaged workers finished with this project on 2nd November Rec Services have offered her a fixed term contract until the end of February and if possible, they would like to take her on full time once a suitable full-time role becomes available.

Te Hau Awhiowhio O Otangarei Trust /Northland Park care project

Workers have predominantly been based on the Tikipunga shared path project. Stage 2 is across the stream near the Pony Paddock/esplanade area. Overall everyone is doing a great job, the 10 Trust workers are all engaging and getting hours of machinery experience. There is a very positive vibe in amongst the team and a noticeable improvement of experience coming through. Unfortunately, we lost two female workers, but have recently had one female and one male inducted with experience.

We have funded Te Hau Awhiowhio O Otangarei Trust contract to end of November and NPC to end of October with \$38,427 budget left from the original funding. We also have \$8k left over from Spot Spraying Noxious Weeds (\$30k).

From November we are accessing CIP - Tikipunga shared path project funding and plan to employ Te Hau Awhiowhio O Otangarei Trust and NPC to keep working on the path extension.

FNDC Parks:

As the Completion Date for this project has been extended by three months, we have started using some of the team in other contracted work to ensure that we can extend the contracts of the three individuals that we are retaining to ensure we have enough work for them for the full term.

NZTA Works:

Staff working on removal of self-seeded roadside trees are also working on roadside litter collection to maximise ROI on traffic management activities. In addition to a project worker who accepted a role as permanent full time maintenance worker we are starting a process of recruiting further project workers to fill three to four full time roles.

FNDC Rooding:

2 x previously unemployed staff have been employed for the month of November, and additionally, the contractors doing tree work, spraying and traffic management have all commented that retention of their staff has been maintained. One of the difficulties for the social objectives of employing redundant workers has been the level of skill

and supervision required for all projects, excluding litter pick up. A quote from Ventia regarding sight rails productivity and associated costs.

KDC Rooding:

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.

WDC Rooding:

- One of our contractors, North End Tree Services, have employed extra resources to be able to accommodate the approved program. This includes two additional arborists. During the month one of the arborists abruptly left the project to pursue other work. This resulted in a major loss of productivity due to Occupational Health and Safety reasons which severely restrict the ability for the arborists to climb. OHS rules state that there must be two climbing arborists on site when climbing trees.
- The opportunity this work has provided has been great for local sub contract businesses. The additional work has allowed for them to train their teams further and retain staff who may have been under pressure due to local market conditions.

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	On-going	TBC	1
O'Rouke Contractors	Local	Sub-Contract	Mechanical and chain saw tree felling and mulching	1 month	\$ 137,000	1
Boss Logging	Maori	Sub-Contract	Mechanical and chain saw tree felling and mulching	2 months	\$ 275,000	1
Team Vegetation	Local	Sub-Contract	Gun spraying noxious weeds	2 months	\$ 150,000	1
Tag	Local	Sub-Contract	Noxious weed spraying and seedling control (FNDC & WDC)	5 months	\$ 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	\$ 169,500	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	\$ 60,000	1
T8 Tree Services	Local	Direct contract	Traffic Management & Tree Work	3 months	\$ 532,000	3
Hauraki & Sons	Maori / Local	Sub-Contract	Full scope delivery – pathworks	2 months	\$ 150,000	2
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	\$ 357,945	8
Turf Tamer	Local	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 174,900	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	\$ 163,971	2
Waterway Specialists	Local – Mangawhai based	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 108,000	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)
Stonecraft	Local	Sub-Contract	FNDC Footpath works	1 month	\$ 162,800	0
Whangarei Paving	Maori Owned	Sub-Contract	WDC Footpath works	2 days	\$ 5,000	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
					\$ 4,303,530	46

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>Targeted employment:</p> <p>Employment targets that apply to the 165 workers employed:</p> <ul style="list-style-type: none"> a. 45% Maori b. 5% Pasifika c. 20% Women d. 30% Youth (18–24 years) <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>NZTA/Fulton Hogan</p> <p>Opportunity given to previously unemployed locals to re-enter the work force with one person accepting our offer of permanent positions at Fulton Hogan.</p> <p>KDC Rooding:</p> <p>Hauraki and Sons has a new young work force that are developing a range of skills on the job through formal and informal training pathways. Also currently Advertising permanent position for engineering cadet.</p>
<p>Local (regional) businesses prioritised for employment:</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>Maori and Pasifika enterprises prioritised for employment:</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>Skills and training delivered:</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>FNDC Rooding:</p> <p>Traffic Management Level 1.</p> <p>Training in Growsafe provided for new spray applicators.</p> <p>KDC Rooding:</p> <p>TC training for new employee is being organised currently by AWF.</p> <p>All new employees with T8 are continuing to working towards level 4 national certificate in arboriculture.</p> <p>WDC Rooding:</p> <p>All MSD workers now achieved qualification in First aid, Growsafe, Traffic Management TC, and Chainsaw ticket qualifications. These four qualifications will add the personnel in gaining future employment.</p> <p>WDC Parks:</p> <p>2 newly employed FTEs with Rec Services have completed First Aid, Traffic Control, Growsafe, chain saw training</p> <p>KDC Parks:</p> <ul style="list-style-type: none"> • Contract agreements with Te Roroa Group include the provision of Growsafe and Chainsaw Training as part of the project delivery. • For the works involving Kia Tupato has provided the opportunity for Traffic Controller & STMS training. 	<p>All MSD employees have undergone 1.5 days of inhouse procedural training covering all aspects of health and safety and the tasks they will be completing. A further 2 days of practical training in using tools and chemical application,</p> <p>Agreements have been focussed on working collaboratively to achieve outcomes.</p> <p>The provision of Growsafe & First Aid Training has been undertaken onsite at Kai-iwi Lakes under the agreement with Te Roroa Group. There is opportunity to extend this training to the wider groups (other contractors) involved in the Project.</p>
<p>Improved Conditions for Workers:</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 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>	

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.
All new employees engaged on fixed term contracts shall receive remuneration consistent with industry standards for their skill level and experience.		
<p>Environmental Responsibility:</p> <p>Adoption of practices that enable the project to be delivered sustainably, include:</p> <ul style="list-style-type: none"> 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 Actively seeking to minimise the carbon impact of project delivery, to support the transition to a net zero emissions economy whenever practical. Minimising waste, re-using materials, and where possible incorporating the principles of the circular economy. Where possible tree debris will be chipped into mulch and felled trees (of appropriate size) will be made available to community groups for distribution. Build resilience back into areas of work following the removal of the pest trees, (where practical) native trees will be replanted. 	<p>NZTA Hazardous Tree Clearance:</p> <p>Wood and mulch has been distributed to Lions, Matea Trust & local residents.</p> <p>WDC Rooding:</p> <p>Firewood and mulch has been supplied to a number of local households.</p> <p>KDC Rooding:</p> <p>Harding Consultancy supports T8 to provide competent provider to cut up stockpiled wood for distribution</p> <p>KDC Parks:</p> <ul style="list-style-type: none"> 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. 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. <p>WDC Parks:</p> <ul style="list-style-type: none"> 80% of the new fence has been re-constructed from re-cycling the existing fence, reducing waste to landfill. 	<ul style="list-style-type: none"> Arrangements in place with contractors have been focused on working collaboratively with community and other groups in order to reuse by-products where possible. 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.

5. Financials

Six milestone payment claims totaling \$11,388,583.46 have been claimed of MBIE to date:

Project Element	Received from PGF	Actual Project Expenditure to	Notes
1. Removal of self seeded roadside trees	\$ 281,250.00		
2. Roding sightline improvements and vegetation clearance	\$ 431,250.00	\$ 1,111,437.24	
3. Roadside litter collection and clean-up	\$ 468,750.00		
4. Removal of known Road side hazardous trees	\$ 1,620,000.04	\$ 1,290,745.00	
5. Removal of self-seeded roadside trees	\$ 783,000.02	\$ 475,784.71	
6. Roadside litter collection and clean-up	\$ 423,000.01	\$ 168,839.97	
7. Spot Spraying Noxious Weeds	\$ 225,000.01	\$ 182,086.39	
8. Sight Rail Improvements (3# districts)	\$ 180,000.00	\$ 88,748.58	
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	\$ 1,440,000.00	\$ 1,177,519.00	<i>Forecast spend is slightly behind forecast budget due to delay in some of the reinstatement works, however note extension to complete works by EOM January 2020 approved.</i>
10. Whangarei District Council Parks - Vegetation clearance & clean ups	\$ 180,000.00		
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	\$ 360,000.01	\$ 586,573.00	<i>Expenditure on these two activities (+ component of item 7) being managed together</i>
11. Far North District Council Parks - Vegetation clearance & clean ups	\$ 180,000.01	\$ 150,963.00	
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	\$ 200,000.00	\$ 202,450.68	<i>Small level of funding overspend (\$2,450.68) covered by NRC</i>
14. New Footpaths (3# districts) missing links in existing urban network	\$ 1,350,000.04	\$ 730,734.73	
15. Accelerated Unsealed network grading program	\$ 333,000.01	\$ 55,028.95	<i>Majority of this work to commence in November</i>
16. WDC Flood Damage repairs	\$ 1,466,666.66	\$ 1,476,120.68	
17. FNDC Flood Damage repairs	\$ 1,466,666.66	\$ 190,852.00	<i>As at end October</i>
Total	\$ 11,388,583.48	\$ 7,887,883.93	

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)
Removal of self-seeded roadside trees	Hot spot areas south of Brynderwyn Hill: Wellsford, Kaiwaka, Te Hana
Roading sightline improvements and vegetation clearance	Funding Item now completed.
Roadside litter collection and clean-up	Hot spot areas south of Brynderwyn Hill: Wellsford, Kaiwaka, Te Hana
Removal of known Road side hazardous trees	FNDC – Completed. WDC – Work scheduled for Russell Rd and Whananaki North Rd, with remainder of Paparoa Road scheduled for the new year. KDC – Removal of trees on Griffin Rd and Waihue Rd.
Removal of self-seeded roadside trees	FNDC – Pines, Wattles and small Totara on Wiroa Small poplars on Matawaia-Maromaku Rd. including a dead tree. Additional self -sown trees are programmed which will be completed if budget permits. WDC – Program continues to be scattered across the network and completed in conjunction with the hazardous tree and noxious weeds spray program. KDC – Removal of trees on Waihue Rd
Roadside litter collection and clean-up	FNDC – Complete to programme but there may well be a small budget surplus remaining to target further hotspots WDC – Clean-up of Pyle Road East and Takahiwai road + following spraying works where possible. KDC – Roads targeted for the next month are Baldrock Rd, Cove Rd, Kaiwaka Mangawhai Rd, Mangawhai Rd, Molesworth Dr and Tomarata Rd.
Spot Spraying Noxious Weeds	FNDC – All work completed KDC – Targeted spraying to be undertaken on Black Swamp Road and Cove Road WDC (Roading) – Following sites remain to be completed <ul style="list-style-type: none"> • Apotu Rd. (SH1 to Jordan Valley Rd – 0- 5.321 meters) – 90% complete • Crane Rd. (Apotu Rd. to Pipiwai Rd. 0 to 6.496 meters) • Heaton Rd. (RAB Jordan Valley to Riponui 0 to 6.296 meters) • Hukerenui Rd. (Jordan Valley Rd. to SH1 0 to 14.472 meters) 90% complete • Jubilee Rd. (Marua Rd.to Whananaki Rd.0 to7.984 meters) • Kaiikanui Rd (Pigs Head Rd.to Mimiwhangata Rd. 0 to 11.822 meters) • Mangakino Lane (Vinegar Hill Rd. to end 0 to .642 meters)

Project Element	Outline of Planned Work (for next month)
	<ul style="list-style-type: none"> • Pigs Head Rd. (Russell Rd. to Whananaki North Rd. 0 to 5.562 meters) • Vinegar Hill Rd. (100/50 Signs to Saleyards Rd. .693 to 5.261 meters) • Whananaki North Rd. (SH1 to Whananaki Wharf Rd 0 to 23.263 meters) • Saleyards Rd (SH1 to SH1 0 to 1.510 meters) • Riponui Rd. (Heaton to Hukerenui Rd. 15.637 to 16.331 meters) • Pyle Road East • Takahiwai Road • Salle Road (Bamboo) • Nova Scotia Drive <p>WDC (Parks Component) - Some weed clearance over the Christmas/New Year period while NPC staff are on holiday.</p>
Sight Rail Improvements (3# districts)	<p>FNDC – Haruru Fall Rd and Te Karauwha Parade to complete in the south and the North to complete Matauri Bay Rd, Wainui-Matauri Rd and Wainui Rds to continue as budget allows.</p> <p>WDC – Complete remaining works at Owhiwa Rd. (3 sites), Patau Sth Rd. (2 sites)</p> <p>KDC – Remaining works at Pahi Road site to be completed.</p>
Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	<ul style="list-style-type: none"> • Mangawhai Community Park, reinstatement, selected planting & revegetation, groundwork preparation for shared pathway. • Kai-iwi Lakes – Taharoa Domain, area wide removal of pest plants and implementation of pest plant plan. • Kai-iwi Lakes – Mulching of wilding Acacia stands to provide day visit areas. • Pou Tu o Te Rangi, Implementation of pest plant plan continuing, follow up pest plant eradication. • Northern Wairoa Memorial Park, Bush walkway remediation works. • Kaiwaka Parks & Reserve Area, pest plant removal.
Whangarei District Council Parks - Vegetation clearance & clean ups	<p>Work for this activity predominantly completed - Resources continue to assist with Item 13 activities</p>
Far North District Council Parks - Vegetation clearance & clean ups	<p>Still to complete:</p> <ul style="list-style-type: none"> • Mulching projects in Kerikeri • Noxious weed removal projects in Kaitaia area <p>Noxious weed growth in coastal areas targeting weeds</p>
Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	<p>Funding Item now completed.</p>

Project Element	Outline of Planned Work (for next month)
Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	Continuing construct the cycleway, along with fencing and laying base course. The crew should get to the Vinegar Hill Road end by 18 th December. Further sections planned under CIP funding.
New Footpaths (3# districts) missing links in existing urban network	<p>FNDC –</p> <ul style="list-style-type: none"> • Continue with footpath construction on Signal Station Road • Complete all construction works at Taipa Point Road. <p>WDC –</p> <ul style="list-style-type: none"> • Complete all minor works at Tauraroa Rd and Gillingham Rd • Construction progresses at Ngunguru Rd <p>KDC –</p> <ul style="list-style-type: none"> • Complete remaining Matakoho path construction work
Accelerated Unsealed network grading program	<p>FNDC - Roads and RPs confirmed. Roads have been identified and planned for the end of November into December. This should mean that the roads will maintain a good shape over summer. Rawhiti North, Waikare Rd and Waikino Rds will be completed in December along with Haruru Falls and Bailey Rd.</p> <p>WDC – Complete works when more product received at:</p> <ul style="list-style-type: none"> • Ross Rd • Waiotu Block Rd • Opouteke Rd • Takitu Rd <p>KDC - Roads and RPs confirmed.</p>
WDC Storm Response	Continuation of works identified in scope document provided to MBIE.
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.
All	Continued employment opportunities for workers and businesses as current work packages come to a close	Medium / High	Extension of Completion timeframes to enable further continuation of employment. Communication with suppliers / MBIE / MSD regarding other opportunities coming onstream.
9	Issue – Requirement of works to occur at pace to meet employment objectives has limited the ability to undertake early stakeholder engagement / notification. This has been highlighted in Mangawhai with the larger scale removal of exotic trees in preparation for native revegetation.	Medium / Low	Communications campaign underway to inform public and stakeholders regarding overall strategy for exotic/pest tree removal and native revegetation.
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 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.
All roadside vegetation clearance work	High risk work being undertaken on roadside	High/Low	Mitigated through engagement of specialist/qualified forestry/arborist resources supported by appropriate traffic management teams.

8. Communications

NZTA Waka Kotahi

Story, images of Litter project submitted to Media Manager, Waka Kotahi for media release. Northland Anti-litter campaign underway referencing work completed under this project.

[ANTI-LITTER SIGNAGE VIDEO](#)



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. Localised letter drops have been undertaken with respect to noxious spot spraying, and hazardous tree removal to ensure those most affected are aware of the project scope, and how it will affect them.

FNDC Footpaths (Customer feedback)

Management of the Ramada Hotel is very happy with the footpath facility and has engaged the contractor to extend the concrete works into their parking area.

FNDC Noxious Weed Spraying

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

WDC Storm Repairs



Puna Rere Dr Water-table Restoration

Whangarei Heads Rd Stormwater control



Mine Road Drainage works



Memorial Dr Footpath Retaining wall

WDC Tikipunga Shared path construction



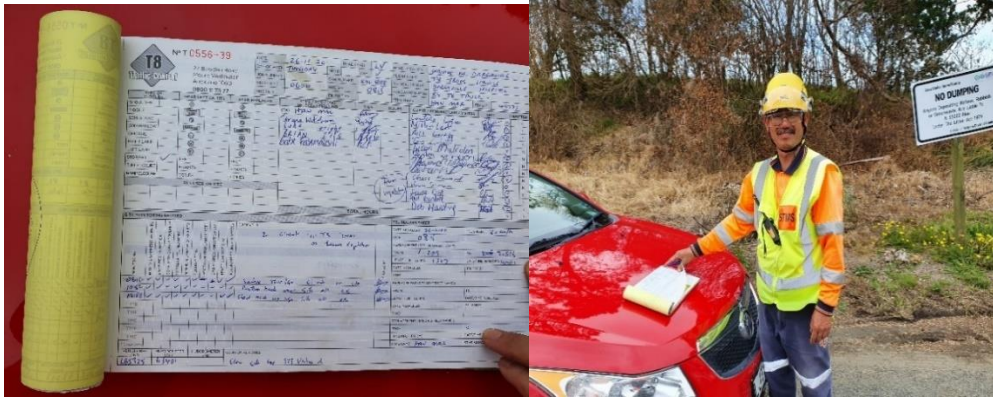
KDC Hazardous Tree Removal (T8 Traffic & T8 Tree Services)

Personnel: Total November 2020 for Hazardous Trees/Traffic Management

14: All male; 6 NZ Maori, 1 Fijian, 1 Fijian/Chinese, 5 NZ European, 1 Polynesian







Health & Safety log in completed with brief provided by H&S officer (T8 Tree Services)

KDC Self Seeded Tree Removal

Contractor – Team Vegetation: 139546 - Removal and chip vegetation, Waihue Road

Personnel: 14 employees: 5 NZ European, 5 Maori, 1 Cook Island, 1 Phillipino, 2 European



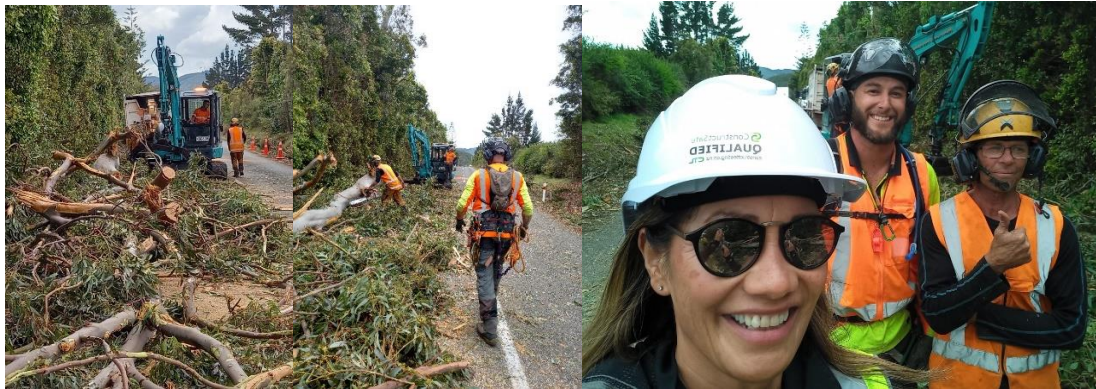
Duarne Challenger is a local (Waipu) business owner from Challenger Specialty Mowing at Opanake Road, Mamaranui, Dargaville and removing self-seeded trees.



Contractor: Northland Tree Works

Tara Road, Mangawhai

Personnel: 9 on site (includes TMS Traffic mgmt.) 6 Maori, 3 NZ European of which 2 are youth



Tracey Poutama (social procurement support) on site with crew from Northland Tree Works

KDC Litter Collection



Jude and Karyn are Kaipara locals who are passionate about their community, seen here with Deb Harding (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. Within 500 metres they have filled 10 rubbish bags. The most collected rubbish items are disposable baby nappies, plastic lunch containers, alcohol bottles and cans. 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!

Missing Link Footpath works

KDC - Matakohe Shared Path





FNDC - Taipa Point



WDC - Tauraroa



WDC – Gillingham Road

Ngunguru Road



WDC Noxious weed removal



WDC Hazardous Tree removal



FNDC Hazardous Tree removal

Greenacres Dr



Te Ahu Ahu Rd Flame Tree



Huge Bluegum Tree



FNDC Noxious Weed Spraying



Gorse sprayed on inside of curve for sight line visibility

FNDC Sight Rail Improvements

Kaitaia – Awaroa Rd



Haruru Falls

Before



After



Before




After





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



NOVEMBER 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%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase		
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.	39%	Construction progressing	Continue work in Moerewa		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%	Completed as per program - Horeke Footpath Renewal.	No more renewals programmed until Feb 2021		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	In defects Liability Period		
140 - Minor Events	General Maintenance	Kohomaru Rd Mitigation Works - (Balance of Carry-over from 2019/20)		Complete	Project in Defects Liability Period		
140 - Minor Events	General Maintenance	Paponga Rd RP8886 Slip Remediation	96%	Construction complete	In defects Liability Period		
140 - Minor Events	General Maintenance	Rawhiti Rd		Project complete	n/a		
140 - Minor Events	General Maintenance	Waikare Road - various locations	0%	Work scheduled to start in Feb 2021	Work scheduled to start in Feb 2021		Construction start deferred to Feb due to contractor attending to recent reactive storm event works.
141 - Emergency Works	Resilience	Diggers Valley Rd	76%	Minor physical work items to attend to otherwise works are complete.	Resolve with contractor to re-establish to recommence topsoil and seed prior to completion.		Delays while working with contractor to re-establish on site to complete work (topsoil & seed).
141 - Emergency Works	Resilience	Fairburn Rd	77%	Minor physical work/ defect items to attend to otherwise works are complete.	Resolve with contractor to re-establish to recommence pavement repairs, topsoil and seed prior to completion.		Delays while working with contractor to re-establish on site to complete work (pavement repair, topsoil & seed).
141 - Emergency Works	Resilience	West Coast Rd RP 9563	76%	The retaining wall is installed but potential defects since been identified. The contractor has disestablished the site yet topsoil and seeding is required to complete works.	Resolve with contractor to re-establish to recommence topsoil and seed prior to completion. Also review potential retaining wall defect.		Delays while working with contractor to re-establish on site to complete work (topsoil & seed). Potential retaining wall defects to be resolved.
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552	89%	Construction completed.	Defects period monitoring will end July/August 2021		
141 - Emergency Works	Resilience	2018 EW surplus		2018 Emergency Works programme is complete.	n/a		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.		Budget to be formally surplused and subsidy returned to NZTA.
212 - Sealed Road Resurfacing	Sealing Chip seal	North region (CS - 31.4km, TAC - 0.632km)	33%	treatments agreed. Contractors approved to commence as resourcing and weather permits	Sealing works in progress		
212 - Sealed Road Resurfacing	Sealing Chip seal	South Region (CS -37.99km)	49%	Sealing works in progress	Sealing works in progress		
213 - Drainage Renewals	Rehabs	programmed rehab sites	0%	Review and approval of designs	renewal of drainage asset.		
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		
214 - Sealed Road pavement rehabilitation	Rehabs	Broadwood road	110%	Rehab Completed	Minor tidy and DLP walkover		Further vandalism, high volumes of heavies due to SH1 Mangamuka closure
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	3%	Enabling works commenced	Tidy up site and hold until after Xmas break		
214 - Sealed Road pavement rehabilitation	Rehabs	OKAIHAU ROAD	54%	Pavement construction well underway	Pavement completion and surfacing		
214 - Sealed Road pavement rehabilitation	Rehabs	PAWARENGA ROAD	36%	Enabling works well underway, pavement when weather allows	Enabling works and should undercut construction		Budget availability to complete second section
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	100%	100% complete, mechanical seal damage several small spots repaired (cars at entrances mainly)	final walkover		
214 - Sealed Road pavement rehabilitation	Rehabs	Purerua Road	100%	sealed and line marked	site walkover and acceptance		
214 - Sealed Road pavement rehabilitation	Rehabs	WAIMATENUI / MATARAUA ROAD	6%	RFT with the market in tendering period, closing 4/12/2020	tender evaluation, appointment of successful tenderer		possible end of season time constraints, tenderer/contractor availability. Timeline needs to be managed carefully
215 - Structures Component Replacement	Bridge	Churtons Road Bridge C13	0%	Investigation and design in progress	Continue with Investigation and design		

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
215 - Structures Component Replacement	Bridge	Hihi Road Bridge F07	0%	Investigation and design in progress	Continue with Investigation and design		
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		
215 - Structures Component Replacement	Bridge	Contingency for any overruns and testing, designing for next FY	0%				
215 - Structures Component Replacement	Bridge	General Bridge maintenance	0%	Tendering in process	Award contract/finalising deliverables		
215 - Structures Component Replacement	Bridge	Grove Road Bridge M28	7%	Options report	Detailed design & documentation		
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.		
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D42	48%	Site investigation and options report in Jan. 2021	Site investigation and options report in Jan. 2021		
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		
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		
215 - Structures Component Replacement	Bridge	Mangamuka Road Culvert H40	53%	Defects liability period	Defects liability period		
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		
215 - Structures Component Replacement	Bridge	Scour protection (North and South)	100%	Defects liability period for North. Achieved practical completion on 12 November for South.	Defects liability period		
215 - Structures Component Replacement	Bridge	Scour protection across the network	0%	Tendering in process	Award contract/finalising deliverables		
324 - Road Improvements	Lighting	District wide	97%	Complete	Complete		
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		
341 - Low Cost Low Risk	Bridge	Puhata Road Bridge D50 Replacement	0%	Investigation and design in progress	Continue with Investigation and design		
341 - Low Cost Low Risk	Bridge	Quarry Road (Awanui) Culvert B13 Replacement	0%	Investigation and design in progress	Continue with Investigation and design		
341 - Low Cost Low Risk	Bridge	WekaWeka Road Culvert J18 Replacement	0%	Investigation and design in progress	Continue with Investigation and design		
341 - Low Cost Low Risk	Bridge	Kaitaia-Awaroa Road Culvert D41 Replacement	0%	Site investigation and options report	Site investigation and options report/Detailed design & documentation		
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	83%	Bridge substructure and superstructure are done. Only guardrail installation remains. The delays to opening the bridge was due to suppliers for the guardrails not able to manufacture on time. The guardrails are critical to be installed prior opening due to health and safety concerns.	Forecasted completion/bridge open by early December.		
341 - Low Cost Low Risk	Bridge	West Coast Road G01	19%	Awaiting RC approval	Finalising contract deliverables		
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		Forecast project costs>budget. Surplus has been redistributed to other projects.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	0%	Out to Tender	Evaluate Tender and Award		
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln	0%	Out to Tender	Evaluate Tender and Award		
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - Dominion Road	0%	Out to Tender	Evaluate Tender and Award		
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue	0%	Out to Tender	Evaluate Tender and Award		

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd Rangikapiti Rd to Richmond Rd link	25%	Out to Tender	Evaluate Tender and Award		
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd to Rangikapiti Rd	15%	Out to Tender	Evaluate Tender and Award		
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: SH1 Harbour View Rd to private access	8%	Out to Tender	Evaluate Tender and Award		
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	8%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
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 non-feasible. Engaged Haigh Workman to proceed with OOS for Design of Peds Bridge including Geotech report.	Review design.		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	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.		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	17%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294-330	3%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound	15%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	8%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95	0%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Opononi Footpath - Waianga Place	0%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Taumataiwi St Opononi	5%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		2-3 month design phase delay predominantly due to additional sites added and prioritised for MBIE Redeployment works.
341 - Low Cost Low Risk	New Footpath	North Park Drive - Whangatane Drive, Kaitaia	100%	Construction completed.	Defects period monitoring will end Aug/ Sep 2021		
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.	Resolve with contractor to re-establish to attend to horizontal drains defect.		Delays while working with contractor to re-establish on site to attend to defective horizontal drains.
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387	3%	Contract Awarded.	Commence Construction early 2021		
341 - Low Cost Low Risk	Resilience	Taupo Bay Road RP 8816 & 9169	64%	Under Construction	Continue construction		
341 - Low Cost Low Risk	Resilience	Wainui Road RP 7200	43%	Tender Evaluation	Award and commence construction		
341 - Low Cost Low Risk	Resilience	West Coast Rd RP16005	98%	Under Construction	Continue construction		
341 - Low Cost Low Risk	Resilience	Long Beach Road RP 294	88%	Construction completed.	Issue Practical Completion certificate.		Significant cost savings redistributed to other projects.
341 - Low Cost Low Risk	Resilience	Panguru Road	99%	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).		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	31%	Works started on the wall and progressed well with pole installation.	Construction to continue.		
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.		
341 - Low Cost Low Risk	Resilience	Wharekawa Rd RP 3633	92%	Construction completed.	Issue Practical Completion certificate.		

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Resilience	PLACEHOLDER	#DIV/0!	Budget surplus redistributed	n/a		Budget surplus redistributed.
341 - Low Cost Low Risk	Resilience	Aucks Road RP2016	0%	Finalising design outputs ready for acceptance and safety audit.	Commission Safety Audit and Peer Review		Construction project brought forward from 21/22
341 - Low Cost Low Risk	Resilience	Beach Road RO400	7%	Finalising design outputs ready for acceptance and safety audit.	Commission Safety Audit and Peer Review		Construction project brought forward from 21/22
341 - Low Cost Low Risk	Resilience	Powell Road RP209	5%	Finalising design outputs ready for acceptance and safety audit.	Commission Safety Audit and Peer Review		Construction project brought forward from 21/22
341 - Low Cost Low Risk	Resilience	Powell Road RP92-169	2%	Finalising design outputs ready for acceptance and safety audit.	Commission Safety Audit		Construction project brought forward from 21/22
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	Long Beach Road improvement	100%	Complete	Complete		
341 - Low Cost Low Risk	Safety	Panorama Ln Improvements	100%	Design input complete	No further work/input required.		
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	86%	Re-inspected sealed sections prior to line marking. Final measure-up and issue completion certificate. Project Complete.	Defects period will end November 2021		2 month delay due to 1) disruption to supply chain during Auckland Covid Level 3 lock-down and 2) rectification of seal by contractor.
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	74%	Construction completed.	Do PACE score		1 month delay due to disruption to supply chain during Auckland Covid Level 3 lock-down.
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	67%	Construction completed.	Do PACE score		1 month delay due to disruption to supply chain during Auckland Covid Level 3 lock-down.
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	101%	Construction completed.	Do PACE score		1 month delay due to disruption to supply chain during Auckland Covid Level 3 lock-down.
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	121%	Construction completed.	Do PACE score		1 month delay due to disruption to supply chain during Auckland Covid Level 3 lock-down.
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	3%	NTC issued; manufacturing and construction started	Continue manufacturing and installation of signs		Possible delay due to supplier capacity
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	52%	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.		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	14%	enabling works commenced, design and investigation ongoing	complete enabling works and commence drainage		Areas of very hard rock uncovered in enabling works has slowed progress. Currently managing cost implications. Telecom copper cable to relocate, is affected by unforeseen hard rock also.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	0%	investigation and designs complete	Commence with drainage, associated improvement and pavement works		Irrigation water supply now fully identified in carriageway shoulder, Nominal depth 800mm. Potential for water main leaks under sealed road of concern.
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.		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	2%	Project added to programme November 2020 for delivery through safety team. Updates pending.	Project added to programme November 2020 for delivery through safety team. Updates pending.		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.		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	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.		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.		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.		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%	Out to Tender	Evaluate Tender and Award		
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.		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.

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	0%	Finalised safety audit and advertised tender on GETZ. Closing 4th December 2020.	Complete evaluation and award contract.		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		
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Placeholder - Community Board to advise	0%				Programme to be supplied by CB
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	5%	Construction progressing well	Complete construction		
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	69%	Under Construction	Continue construction		
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	131%	Under Construction	Continue construction		
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	232%	Under Construction	Continue construction		
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	8%	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.		
Seal Extension - Unsubsidised	Seal Extension	Balance of carry-over amount from 19/20	0%				
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380	58%	Pavement construction and stabilisation completed	Final pavement preparation and seal		
Seal Extension - Unsubsidised	Seal Extension	Puketi Rd RP 0 - 1000	72%	substantially complete	driveways, line marking, traffic facilities		
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road	3%	Investigation and design, negotiating with resident over drainage issue, managing underpass timeline - Enabling works commenced	Continue with enabling works and commence pavement strengthening/shoulder works once design is completed		drainage act issues to resolve, cattle underpass by others to be installed before road construction work starts.
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	99%	Construction completed.	Defects period ends Sep 2021		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		
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		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

Like all summer months November was another busy one with a lot of work ticked off the list. The MBIE funding was well utilised on wet/roll/grades, hazardous tree removal, litter collection and sight rail installation.

Wet, roll, grades were completed in the last week of the month with the remainder of the list to be ticked off in December.

The last run of litter collection on Wiroa Rd/Waiare Rd (the Half Marathon route) done in time for the runners/walkers to enjoy the Country side with no domestic rubbish to look at.

Sight rail recommenced on 25/11/20 on Haruru Falls Rd using the new specifications.

The Hazardous trees budget was spent on Rigden Rd, Kerikeri Inlet Rd, Mangakaretu Rd, Green Acres Drive, Blue Gum Lane and Waimate North Rd. This leaves Wiroa Rd as the last remaining site.

Two dust seals were completed on Waima School Rd, Omanaia School Rd with Umarewa Rd nearing completion.

A large volume of signage was installed by Bruce and Mackie throughout the central area. The vandals have been busy again. 100 signs were installed in one week!

Hydro excavation started on 254 holes in preparation for speed limit tranche 1 for the Far North.

On the pavement front it was another month of running in large volumes of aggregate on Porotu Rd (kerb and channel along with all basecourse material plus stabilising completed), Okaihau Rd rehab was stabilised with sealing much like Porotu Rd booked in for early December. Heavy metalling 80% done on Hayters Rd.

The footpath team completed Horeke Rd and started chipping away at a large programme in Moerewa.

I hope you have started the Christmas shopping or used this as a reminder 😊 we are nearly there!



Ventia Branding installed at Puketona with all plant now branded also. Keep an eye out for the new us

WORK PROGRAMME

A total of 1348 individual work items were completed throughout the month of November which 988 were routine find and fix issues, 148 were cyclic or part of annual rounds, 132 were programmed works, 9 were renewals/capital projects, and 71 were callouts or emergency response works.

December forward works programme has been submitted in RAMM.

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in November:

- 292 sealed potholes repaired
- 871 unsealed potholes repaired
- 144 km of unsealed roads graded equating to 18% of the total unsealed network.

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in November:

- 103 Culvert ends cleared
- 568m of heavy water tabling
- 71.5m Culvert pipes replaced/new



Culvert Installation on Okaihau Rd Rehab



Culvert Sock installed on English Bay Rd

ROUTINE INSPECTION REPORT

Sealed - There are currently 0 sealed inspections running overdue.

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

Drainage - There are currently 70 drainage inspections running overdue.

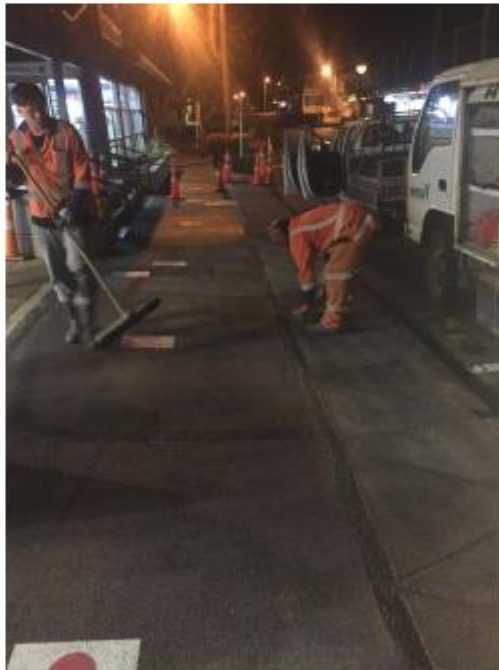
ORDERED WORKS

- 479m² of footpath replacement/renewal was completed in November.
- 341 m³ of maintenance metal was applied to the unsealed network.

The footpath team were busy completing works across the network. The month started with a week on Horeke Rd then onto Moerewa for 2 weeks. A quick 1-week relocation to Williams St, Paihia for joint repairs in the last week rounded out their month.



State Highway 1 (Moerewa) footpath maintenance reinstatement



*Night Shift – Williams St, Pahia
– Footpath joint repairs*

Waima School Rd Dust Seal – Working in with the School and Marae we have really enjoyed this site with the locals very appreciative. Lots of thank you's from the public to the Council and Contractors for this work. It has been a busy month for the pavement team outside of the rehabilitation programme with Waima School Rd Dust Seal finished early on, Omanaia School Rd sealed late November and Umarewa School Rd stabilised on 30/11 ready for sealing in early December. This leaves Motukiore Rd as the last remaining dust seal to complete this season.



Omanaia Rd – Trimming of stabilised pavement



Waima School Rd – Sealed in early November



Umarewa School Rd – Dust seal prep



Waipiro Bay Bridge – Emergency Repairs. Final repair involves excavating to 1m down to stop abutment scouring

ROAD FURNITURE ACTIVITY

- 71 new signs installed or replaced (damaged or missing)
- 37 signposts replaced
- 30 signs re-re-erected or straightened

STRUCTURES

- 11m Rail barrier renewal

MBIE FUNDING

Litter Collection

With the Half Marathon on 21st November the remaining two roads on the list, Waiare Rd and Wiroa Rd were completed in the week before the run.

Sight Rail Installation

Recently started up again to complete 8 sections of railing on Haruru Falls Rd and one on Te Karuwha Parade.



Haruru Falls Rd – Sight Rail Installation

Tree Removal

Trees were removed on Rigden Rd working in collaboration with Top Energy who we look forward to utilising more in the future. Large trees also removed under this funding on Kerikeri Inlet Rd, Mangakaretu Rd, Green Acres Drive, Blue Gum Lane and Waimate North Rd.



Blue Gum Lane – A massive Gum tree was chopped down, even the arborists said it was huge

Wet/Roll/Grade

Purerua Rd, Te Tii Rd, Rangiahua Rd were completed in November with the remainder of the WRG list to be completed in December just in time for the holiday rush.

RESEALS

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

PAVEMENT REHABS

Okaihau Rd – RP1235 - 2311

Test Results – All received.

Survey – Complete

Design – Complete

Physical Works – Stabilisation took place on 30/11/20 – sealing planned for 8/12/20

Target Completion – 9/12/20

Horeke Rd – RP11570 - 12580

Test Results – All received.

Survey – Complete

Design – 80% completed, safety audit complete

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

Target Completion – 19/2/21

Seal Extensions

Porotu Rd – RP0 – 1380

Stabilisation of all 1400m complete on Thursday 26/11, with sealing booked in for the day after Okaihau Rd Rehab is done

Koropewa Rd – RP15 – 1833

Test Results – Received

Survey – Completed

Design – Complete and approved

Physical Works – Commenced on 9/11/20

Target Completion – 1/12/21

Pungaere Rd – RP8820 - 12410

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

Survey – 100% complete

Design – 80% completed, Safety audit received

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 – 70% completed, Safety audit received

Physical Works – Commencing late December

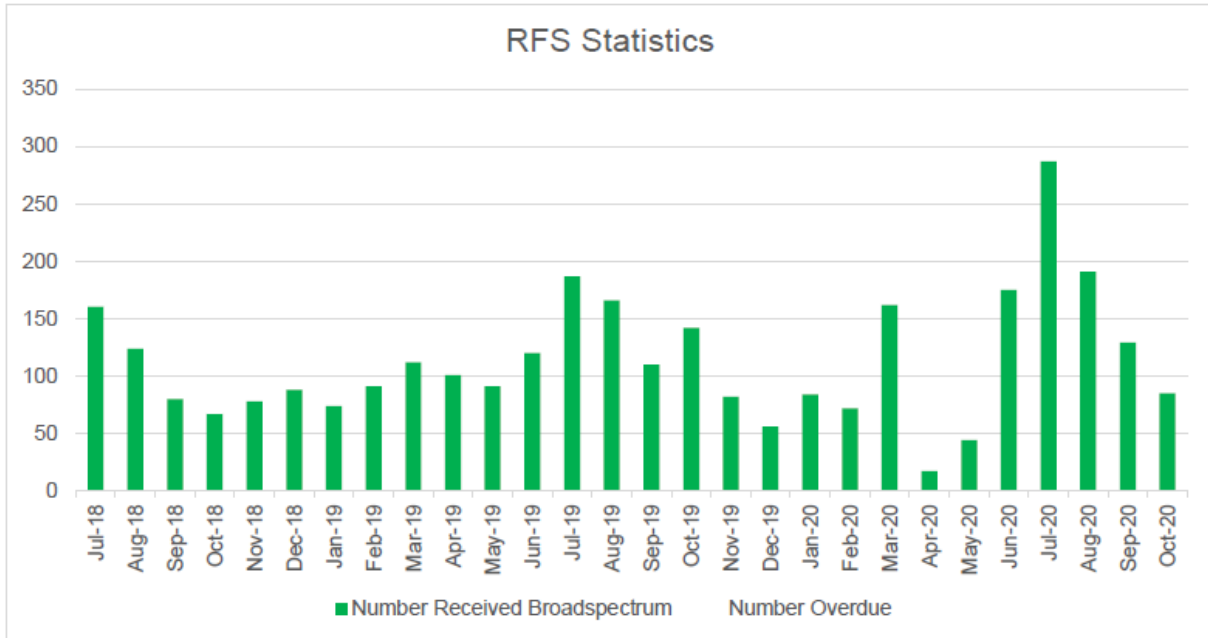
Target Completion – 31/3/21

ROAD ACCIDENT REPORT

No road accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for October were available at the time of this report. Ventia received 85 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 compliments.

1) 27-Nov-2020 10:05:46

Tracey, called re speed bump upgrade in Kerikeri township and how much better it is since the upgrade, she is very happy and asked me to pass it on. Sent to Council Customer Services Team firstly.

2) 30/11/20 - Rangihoua Road and Purerua Road

Noel has called today to pass on his compliments regarding the awesome grading work done on Rangihoua Road and Porirua Road, he is very happy with the maintenance and thanks Council and our Contractors. Noel has been thanked for taking the time to contact us with the great feedback :) Good Work

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 October we had no notifiable incidents to report.

ENVIRONMENT

In November 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	23% completed
Rural Vegetation Spraying	69% completed

COMMUNITY ENGAGEMENT

Venita Puketona prepared a TMP and set up traffic control for the annual Springbank School Fireworks Fundraiser on 14th November. Another TMP and signage were provided to the local community in Te Tii to carry out a community lead litter collection on Purerua Rd on 27/11/20, it is really cool to see communities taking pride in the roadside on top of the MBIE funded routes recently completed.

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



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
DW1.11	DW - Excavator 15 - 25 tonne
DW1.15	DW - Vibrating roller 6 - 10 tonne
DW1.19	DW - Truck (4 - 6 m3)

Item Number	Item Number Description
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
SP00.2	Sealed Pvmt Renewals Dayworks (PS)
SP01.1	Routine Sealed Repair of Potholes
SP01.1.1	Sealed Repair of Potholes (Routine)

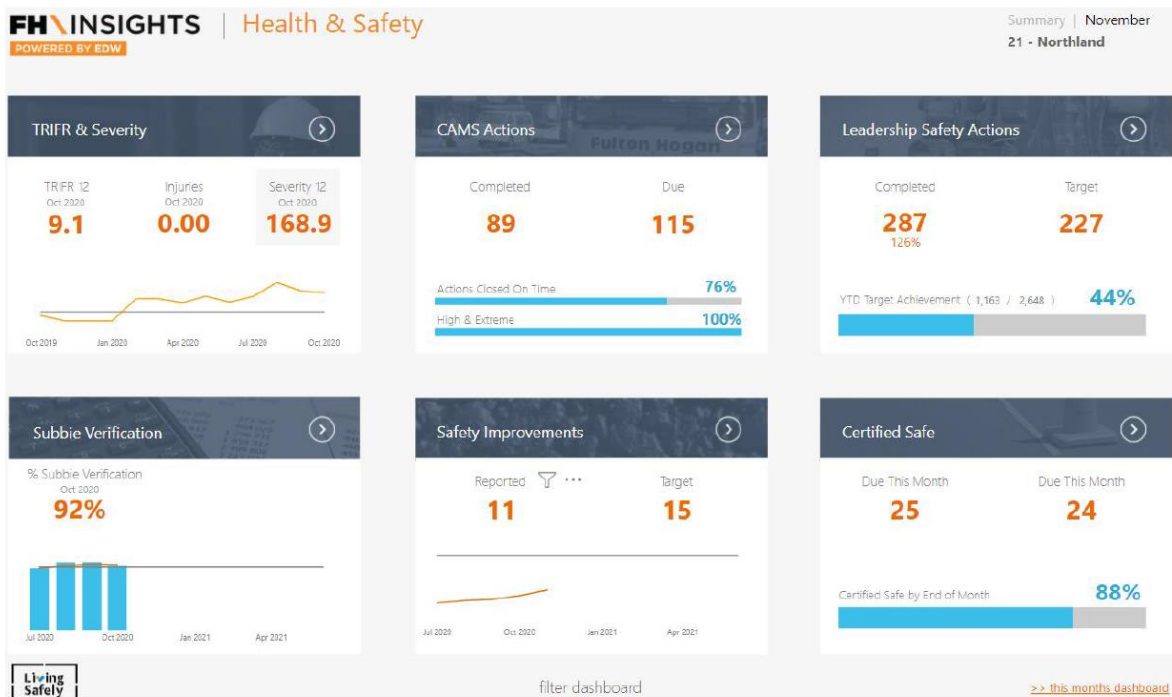
Item Number	Item Number Description
SP02.1	Routine Edge Breaks (<=1m)
SP02.1.1	Edge Breaks (<=1m) (Routine)
SP03.1	Temporary Pvmt Failure Repairs
SP07.1	Sealed Rip and Remake
SP09.2	High Shoulder removal
SP10.1	Stabilisation Repairs 0-20m ²
SP10.2	Stabilisation Repairs >20m ²
SP11.1	Digout 0-300mm depth 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
TF03.1	Flexible Marker Posts Replace and Install
TF04.1	Routine Railing and Barrier Mtce
TF04.1.1	Railings and Barrier Mtce (Routine)

Item Number	Item Number Description
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.

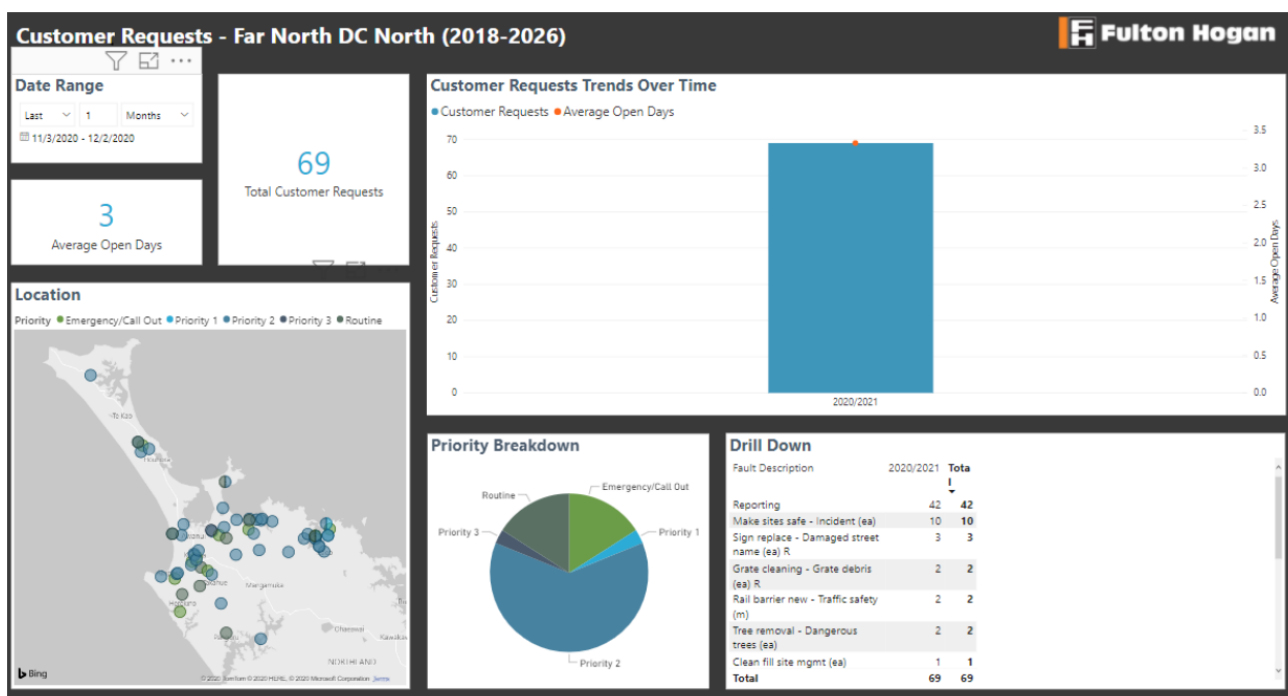
Training

Inductions for Subcontractors.

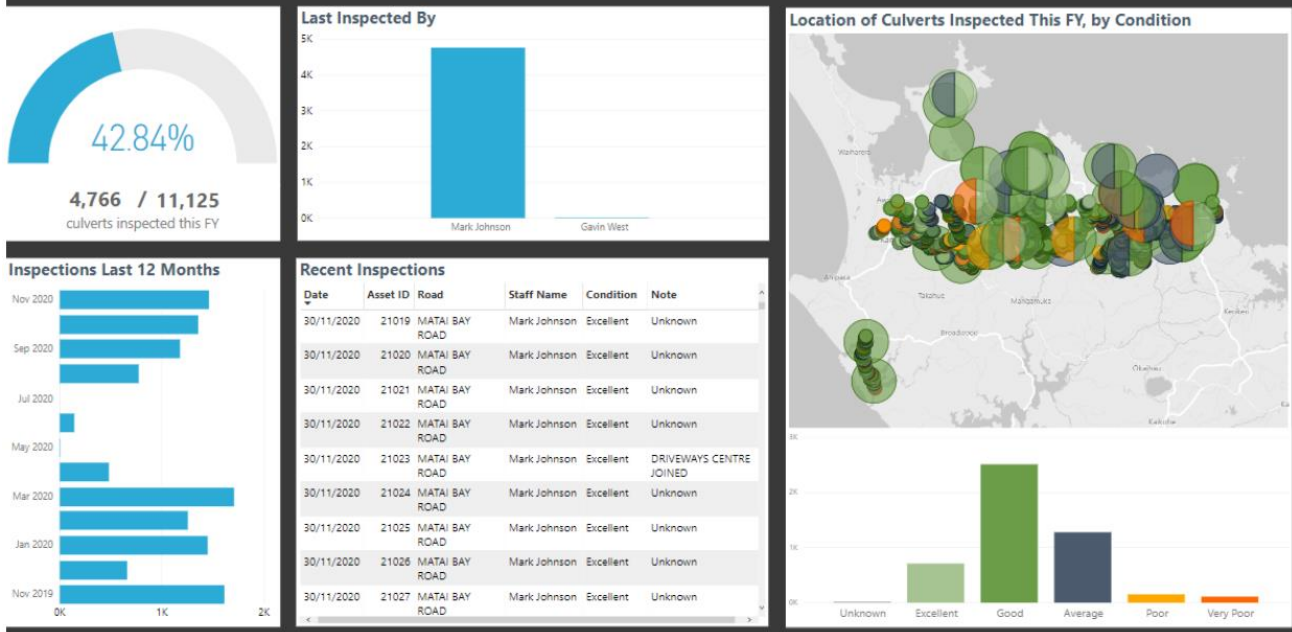
RAMM Issue for the month

Nil.

CUSTOMER SERVICE



Culvert Inspections - Far North DC North (2018-2026)



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>Far North District Council Projects</p> <p>Resilience projects: 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>Safety projects: 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>Walking and Cycling Projects: 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>Kaipara District Council Projects</p> <p>SH12 Signs & Delineation West of Maungaturoto 80% completed to finish prior to Christmas.</p> <p>Other</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>Mangamuka Gorge: 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>SH1 Dome Valley NZ Transport Agency</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>Speed Review Locations NZ Transport Agency</p>
SH1 Whangārei to Te Hana - Whangārei to Port Marsden Highway - NZ Upgrade Programme - Port Marsden Highway to Te Hana		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>Whangarei to Te Hana NZ Transport Agency Whangarei to Port Marsden Highway</p>

Activity	2018-21 NLTP	Completion	Progress	Commentary
SH1 Whangārei to Wellsford Standard Safety Intervention (Road to Zero)	\$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. SH1 Whangārei to Wellsford NZ Transport Agency
SH1 Warkworth to Wellsford		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. SH1 Warkworth to Wellsford
SH1 corridor improvements – Whangārei (Tarewa Road)	\$53.34M	Early-2020	Green	COMPLETED SH1 Tarewa Road Intersection Improvements NZ Transport Agency
SH1 Loop Road Safety improvements	\$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). SH1 Loop Road Safety Improvements NZ Transport Agency
SH10 Kaeo bridge	\$21.95M	Late 2022	Amber	This project is at the end of the design phase. Resource consents have been approved by Far North District Council and Northland Regional Council. All property agreements have been signed, an archaeological authority has been issued and a wildlife permit has been granted. We are working with local iwi/hapū on cultural design elements. Kaeo Bridge NZ Transport Agency
SH10 Waipapa corridor improvements	\$24.5M	Early 2021	Green	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. SH10 Waipapa Corridor Improvements NZ Transport Agency
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	\$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.
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	\$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.
SH12 Rawene Road intersection improvements (NZ Upgrade Programme)	\$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

- Large review of all the Water Treatment Plants before summer: Some recommendations have been submitted for Kerikeri, Monument Hill (new bore not installed yet), Kaitaia (Sweetwater bore pipeline tender), and Paihia (taste and odour issues).
- A Location Compliance Certificate (LCC) for Kaitaia Water Treatment Plant was received on 24 November 2020.
- The work on the evaluation of the 3 Waters Business Risk Universe and identification and assessment of specific risks facing the business, has been completed and reviewed.
- New Kerikeri WWTP: new plant is being commissioned and getting close to the handover stage. Some outstanding jobs have been discussed with FNDC (laboratory, sampling points, UV).
- DIA RFI: Far North Waters working closely with FNDC to have this 80-90% completed prior to Christmas.
- During the month of November Far North Waters experienced no LTI's or MTI's, and we are currently operating with 1,157 days LTI free. We attended 356 requests for service (RFS) call outs in November, down from 367 in October. Planned Maintenance (PM) for November was 100% out of a total of 61 jobs, up from 99% in October. All the backlog for Planned Maintenance work has now been completed.



CHALLENGES

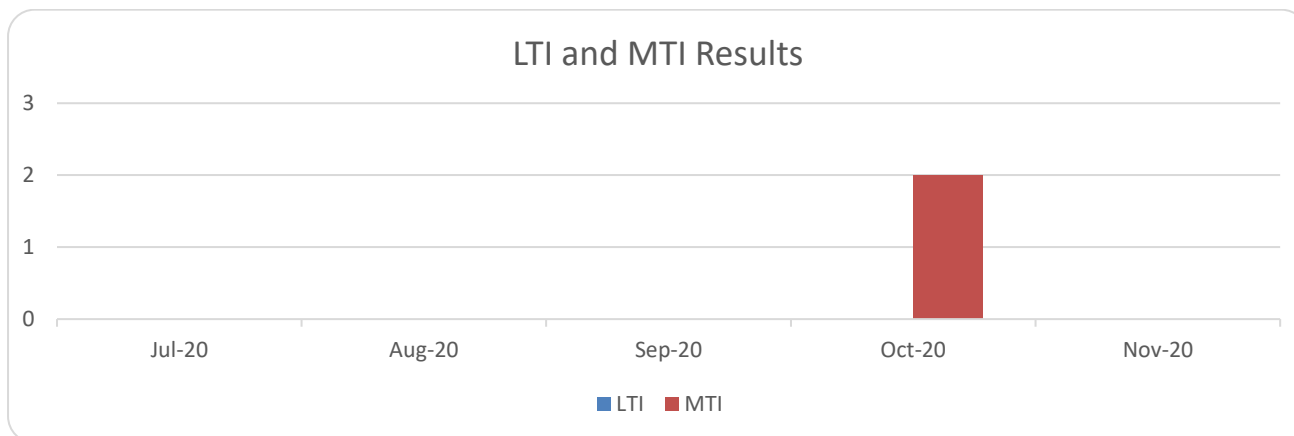
- **Ngawha pressure sewer:** Same issues than last month; some pumps have been received early December. It will not fix all the issues. FNDC intervention is required as property owners and tenants of these properties are continuing to become heated and not allowing us onsite. An education programme is also required including a campaign about baby wipes etc being flushed into the wastewater system.
- **Omanaia WTP:** Ongoing regular water loss between Omanaia and Rawene is continuing to occur. The trends from SCADA and our treatment operators' observations mean we have been able to pick up on water loss prompting us to investigate. This is only going to get worse over the summer.
- **Hope Ave Pump Station (Russell):** Regular complaint RFSs coming in regarding the wastewater system from the residents due to overflows. The pump station has now been upgraded with new rising columns, new pump pods and new valves installed.
- **Taraire Hills WTP:** Upgrade required of the chemical bunding as the existing bunding is leaking.
- **Paihia WWTP:** Generator supplied by Cummins need repairs. A temporary generator has been installed by FNW, to cover delays in repairs.
- **Okaihau WTP:** Both bores the plant is drawing from are running dry and this could potentially mean the town running the town out of water which is a major risk. This has been referred to FNDC.
- **Te Maire reservoir:** Annual maintenance is underway at this site. Reservoir has been de-sludged and the leak in the raw water line to the WTP adjacent to the pump shed has been repaired.

RISK

The following presents the highest operational risks facing the Far North Waters Operation & Maintenance services.

1. District water supplies over summer period: has been developed in November
2. Age and reliability of Plant PLC's: has been developed in November
3. Low pressure Sewer Pump Stations – district wide: See below the Customers report

HEALTH AND SAFETY



During November there have been no LTI's or MTI's, and we are currently operating at 1,157 days LTI free.

We experienced one asset strike, one equipment close call, and no environmental incidents.

A new HSEQ Manager was appointed during October. Albert Jans has joined the team in Northland, moving from South Canterbury where he had been working for Telco. Albert also brings experience from civil construction, mining, and electricity.

Key Activities

- HSE Field staff meeting scheduled 12 November 2020
- Toolbox meeting scheduled for each team in November: O&M, Project, and Admin
- Focus on toolbox talks for November: Manual Handling, First Aid refresher training and Defensive Driving

CUSTOMERS

The request for service (RFS) total for November was 356, down from 367 in October. The total for November 2019 was 348, and November 2018 was 357.

Low Pressure System: There have been significant issues with obtaining pump units for the low-pressure sewer pump system installed at Ngawha Township due to unavailability of pumps and spares at the New Zealand supplier, Mono Pumps. This has resulted in significant vacuum truck costs because of the need to pump out individual pump stations on an almost daily basis but has also highlighted the reliance on suppliers for these items.

As a result of the failures in Ngawha township, and with the pending installation and commissioning of new pumps within the Kerikeri Low Pressure Sewer System, a review of the low-pressure sewer systems throughout the Far North district has been undertaken. Once the new Kerikeri system is fully commissioned, there will be more than 750 individual low-pressure sewer pumps in use within the District sewer schemes.

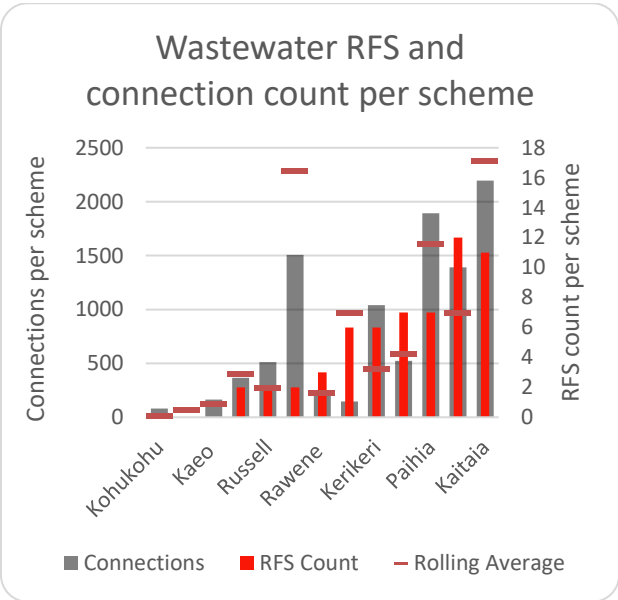
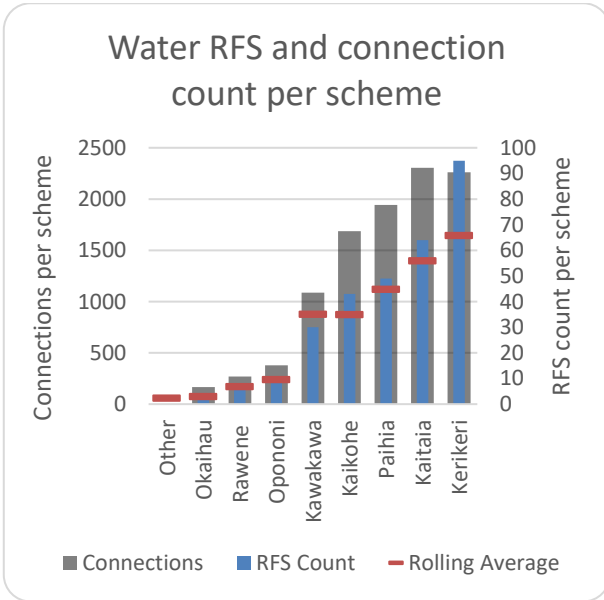
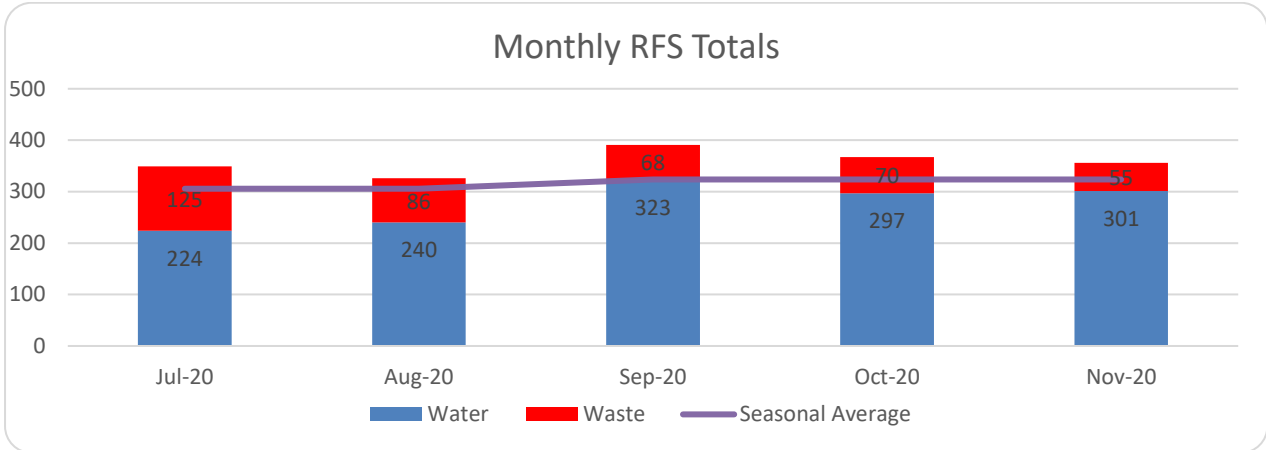
The number of these systems in operation is causing a significant demand on both equipment and labour resource to operate and maintain all the pumps and control panels throughout five separate sewerage schemes

Kaitia WTP

The site has finally gained a compliant status for 1 x 920g Cl₂ storage which is a great achievement. There was a lot of work put in to achieve this so and awesome effort by our overall team.

Kaitaia WWTP

Plant is still performing well and still to date we have not seen any signs of botulism returning.



PROJECTS

We currently have 3 jobs to price with an approximate value of \$121k. The current work in hand is progressing well with 14 jobs in progress with an approximate value of \$1.5m, this includes de-sludge work.

Kawakawa Clarifier Cleaning

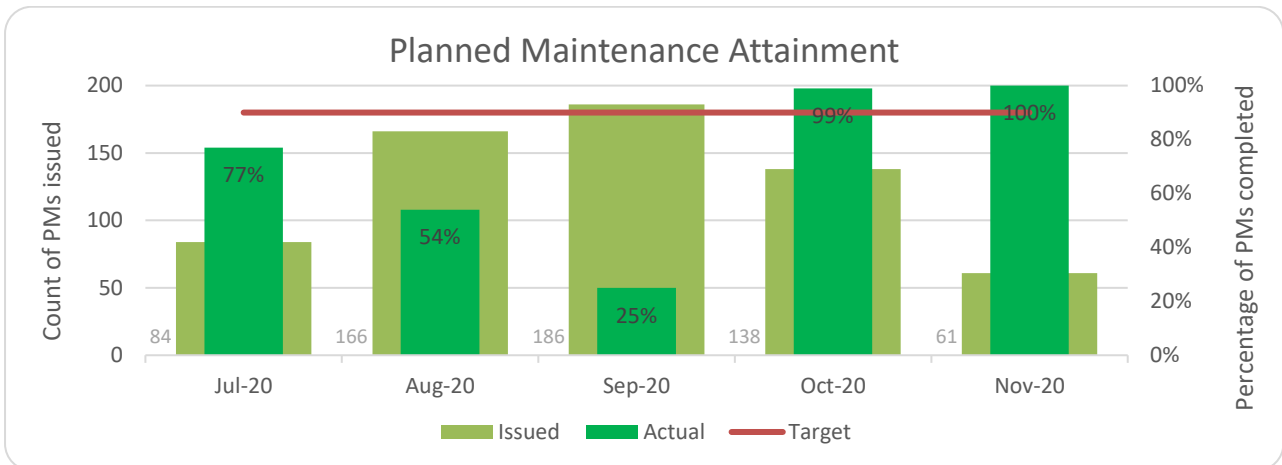


ASSETS

Planned Maintenance for the month of November was 100% for a total of 61 jobs, up from 99% in October.

There are major problems getting the required data on to the SCADA system due to the aging PLCs. This is seen by the engineering staff as the most critical risk to the business.

Our recommendations are to carry out the recommend independent review and install COMPACTLOGIX 5380.





**PUKETONA
JUNCTION
INTERSECTION
IMPROVEMENTS –
CONSTRUCTION
UPDATES**



UPDATE – 13 NOVEMBER

Things are really gearing up at Puketona. The roundabout is clearly visible and over the next few weeks there are various activities to be aware of.

Night works – asphalt

During the first weeks of December there will be online asphalt work undertaken at night. This work will take place on the tie-ins between the existing and new roads and will involve single-lane stop/go traffic control under a 30km temporary speed limit. We will confirm the dates for this work in our 27 November construction update.

Roundabout opening

On the last night of asphalt work, the new road will be line-marked and traffic shifted onto the new roundabout. There may be some temporary traffic fixtures (such as road cones) in place until all traffic islands, etc. are completed. This operation will also be conducted with single lane stop/go traffic control under a 30km temporary speed limit. There will be additional kerb & channel and asphalt works to be completed after the roundabout is open. Please look out for our workers.

Urban design and landscaping

The design for the middle of the roundabout is in progress, with design work and landscaping planned for early 2021.

January – March 2021

Manual traffic control will be in place throughout the first part of the new year as we work through the remaining drainage across the rest of the site, pull up the temporary road and complete pavement works. SH11 will be widened and strengthened past the Top Energy depot. Controls will be on and off for different activities as we complete the project.

Work in Pictures:

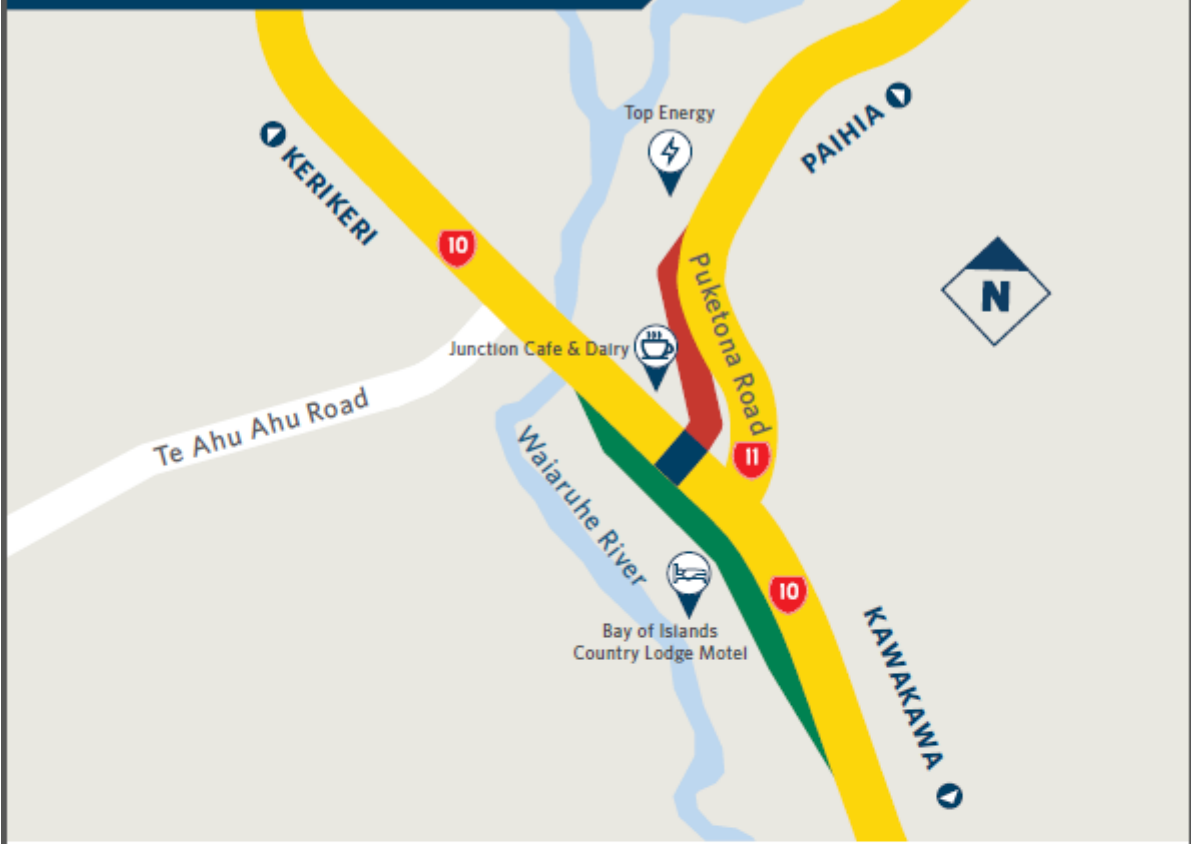
SH10 Roundabout: Standing on the new SH10, looking north towards the roundabout.



Roundabout Roller: Preparing and compacting the various metal layers that form the base of the new road. We will begin stabilising the final layers next week, in preparation for sealing.



SH10/SH11 PUKETONA JUNCTION IMPROVEMENTS



Green

Stage 1 shift

Late September

Move SH10 traffic onto temporary road.

Blue

After Stage 1 shift

Build new intersection for temporary road on existing SH10.

While SH10 traffic is on the temporary road, we will build the temporary intersection away from moving traffic.

Red

Stage 2 shift

Late September/early October

Move SH11 traffic onto temporary road.



New Zealand Government

UPDATE – 27 NOVEMBER



In the attached drone image (taken 20.11.20) you can see the roundabout and new road taking good form. It's not long now until you will be driving around it and we thank you for your understanding and patience as we have made our way towards this milestone.

Night works – asphalt

From Monday 30 November to Thursday 3 December asphalt work will be undertaken at night, mostly behind the barriers. In the second week of December there will be further nights of asphalt work, we will confirm the dates for these nights at least 72 hours prior. 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.

Roundabout operating

Mid-December we will complete a further night of asphalt, followed by a day of chip sealing the tie in from the bridge on SH10. This will involve manual traffic control through the day and delays should be expected. When this activity is complete, we will shift traffic across to the roundabout.

Next week we will bring you more detail and dates on the mid-December night works and roundabout operating. All of our work is weather dependent and a lot of planning and forecast watching goes into the programming of our activities.



**KAWAKAWA
INTERSECTION
IMPROVEMENTS –
CONSTRUCTION
UPDATES**



UPDATE – 13 NOVEMBER

As we head into the Christmas countdown the crew are working hard to deliver your new roundabout in time for the summer holidays. In the next week or so you will see the roundabout pegged out behind the temporary safety barriers, with kerbs installed not long after.

This is what we have planned in the coming weeks.

Night works – asphalt + roundabout opening

Late November/early December, there will be night works to allow asphalt work to create the new road surface. This work will involve single-lane stop/go traffic control under a 30km temporary speed limit. We will confirm the dates for this work at least 72 hours prior to it beginning. On the last night of this asphalt work, traffic will be shifted onto the new roundabout. We may have some temporary traffic fixtures (such as road cones) in place until all asphalt layers, traffic islands, line marking etc. are completed.

The new road surface is built in layers to make it strong. There will be further rounds of night works for placing the upper layers of asphalt mid-December and just prior to Christmas. Both will require several nights of works, with single-lane stop/go traffic control under a 30km temporary speed limit. Again, we will confirm the dates for this work at least 72 hours prior to it beginning

The bank on the SH1/Queen Street corner will be topsoiled and grass seed applied today and tomorrow.

Barriers

In the next 10 days we will begin to remove the temporary safety barriers at the bottom of the intersection. These will be replaced with cones and we ask that everyone keeps the safety of our workers in mind as they continue building the new intersection. The 30km temporary speed limit remains in place. The temporary barriers along the retaining wall will remain in place as we complete those works.

In the attached image you can see the north end of the retaining wall looking sharp, with wooden panels being installed. The southern end of the wall will be beautifully adorned with bespoke panels later in our construction schedule.



UPDATE – 19 NOVEMBER

In our last construction update we talked about night works for asphalt and the roundabout opening. We can now confirm the following dates and activities.

Monday 23/11

During the day, the barriers at the bottom of the intersection and onto SH1 will be removed and replaced with cones. This will be done behind the barriers away from traffic.

Tuesday 24/11

Night works to asphalt the intersection. One lane, stop/go, manual traffic control will be in place from 7.00pm, with a 30km temporary speed limit.

Wednesday 25/11

Night works continue to apply asphalt, with the same manual traffic control as above. At the end of this night shift, the layout of cones and temporary lane markings will be formed into the roundabout configuration, with the new intersection functioning in its intended form.

Thursday 26/11

One last night of works, to complete this first layer of asphalt and apply line marking. One lane, stop/go, manual traffic control will be in place from 7.00pm, with a 30km temporary speed limit.

We hope you enjoy your new roundabout next week and improved traffic flows. Please be aware that works will continue up until the Christmas break and there will be periods of manual traffic control while we continue with the remaining construction.

UPDATE – 25 NOVEMBER

After the last day or two of rain we have had to shuffle our night works. Please see revised schedule below.

Wednesday 25/11

Night works to asphalt the intersection. One lane, stop/go, manual traffic control will be in place from 7.00pm, with a 30km temporary speed limit.

Thursday 26/11

Night works continue to apply asphalt, with the same manual traffic control as above.

Sunday 29/11

One last night of works, to complete this first layer of asphalt and apply line marking. One lane, stop/go, manual traffic control will be in place from 7.00pm, with a 30km temporary speed limit. At the end of this night shift, the layout of cones and temporary lane markings will be formed into the roundabout configuration, with the new intersection functioning in its intended form.

UPDATE – 25 NOVEMBER

A milestone was achieved this morning (Monday 30 November) with the roundabout now functioning at the intersection of SH1 and SH11.

We have one more night of works to complete this layer of asphalt, which we will do tonight (Monday) from 7.00pm. Manual traffic control will be in place, with a 30km temporary speed limit. This will be followed by kerb installation throughout the day, during the remainder of this week.

Next week (week of 7 December) we will begin work on the next layer of asphalt under night works and these dates will be confirmed by the end of this week.