



Far North  
District Council



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# Infrastructure and Asset Management

## Monthly Business Report

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SEPTEMBER 2020

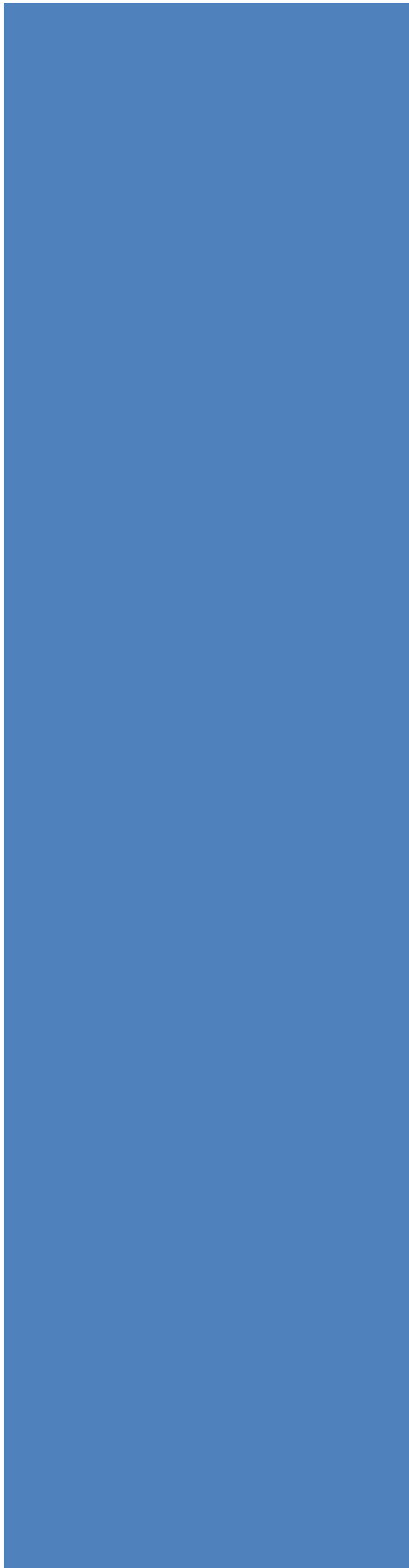
HE ARA TĀMATA  
CREATING GREAT PLACES  
*Supporting our people*

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# SUCCESSSES



## Where would we be without graders...

*Good afternoon everyone*

*A customer wanted to officially compliment the grader who did the Purerua & Rangihoua Roads yesterday. He said the guy did an awesome job. Thanks!*

*Cheers*

*Elbie*

## Great feedback for Ventia!

Another thank you post! Last week sometime (ish) total eejits destroyed absolutely loads of road signs from Kapiro Road all the way along to Opito Bay area (there could have been more areas, but I live out this way so these were the ones I noticed) They were trashed. Knocked right down from base, the posts broken...complete mindless vandalism. A lot of work to fix them. Today the council guys are out fixing them already. I've just seen them putting our road name sign back. Lots of work, hole having to be redone etc. It'll be costing a lot, I reckon. That's really fast. Thank you FNDC.



4 Comments

## MBIE Litter pick up and tree removal

*Received 9th September 2020*

*Hey there Stu and Elbie*

*Working from home is great. I have got to observe out the window the great progress that your team has done in addressing the stormwater issues on the stretch of Pungaere Road that I live on.*

*Not only are they doing a great job, they are approachable people. I have had numerous chats with the team out here and the work looks very good. I appreciate that you can only do what you can do (You can't stop the weather) but from what I can see this work is as best as can be done without some major surgery on the stormwater network up here. They are back today to finish from what they told me yesterday.*

*Great work, responsive, fantastic.*

*One really stoked ratepayer and customer of Council.*

*Thanks*

*R*



**CAPITAL  
SPEND  
ANALYSIS**



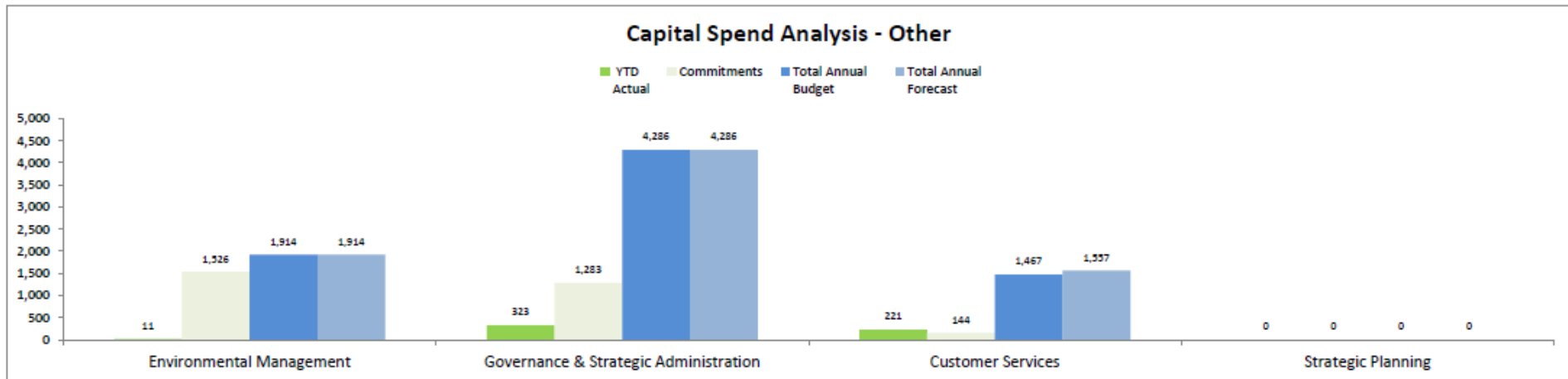
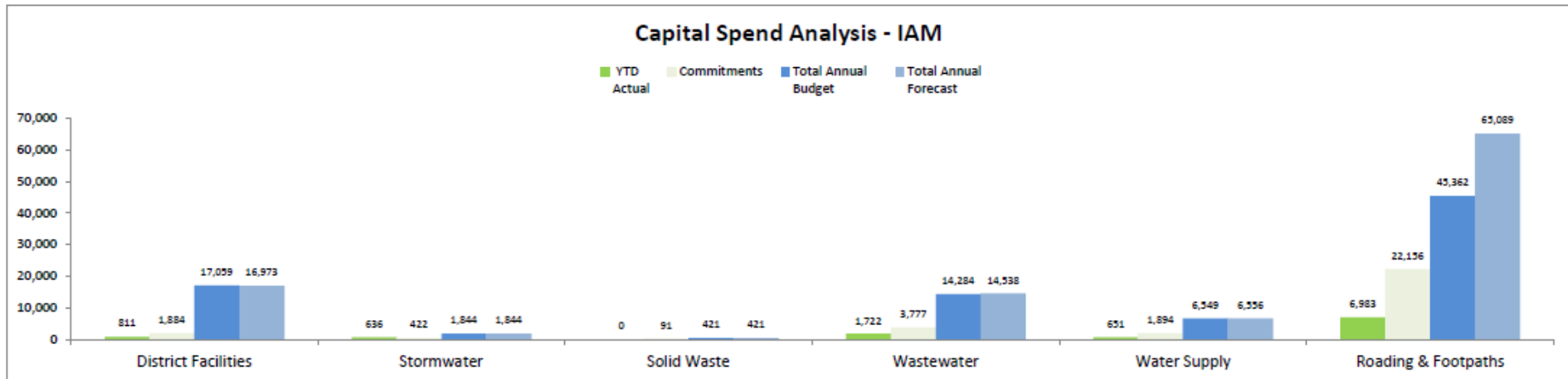
## Capital Spend Analysis

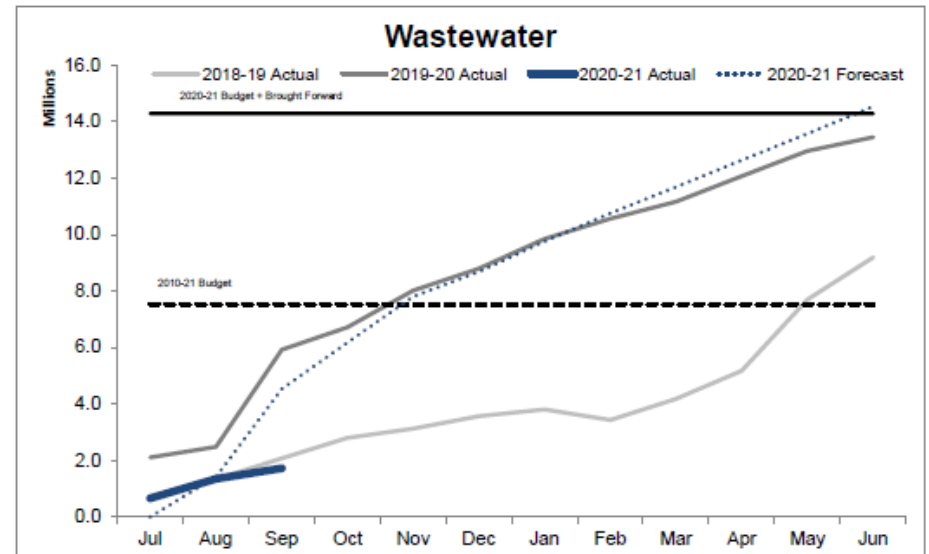
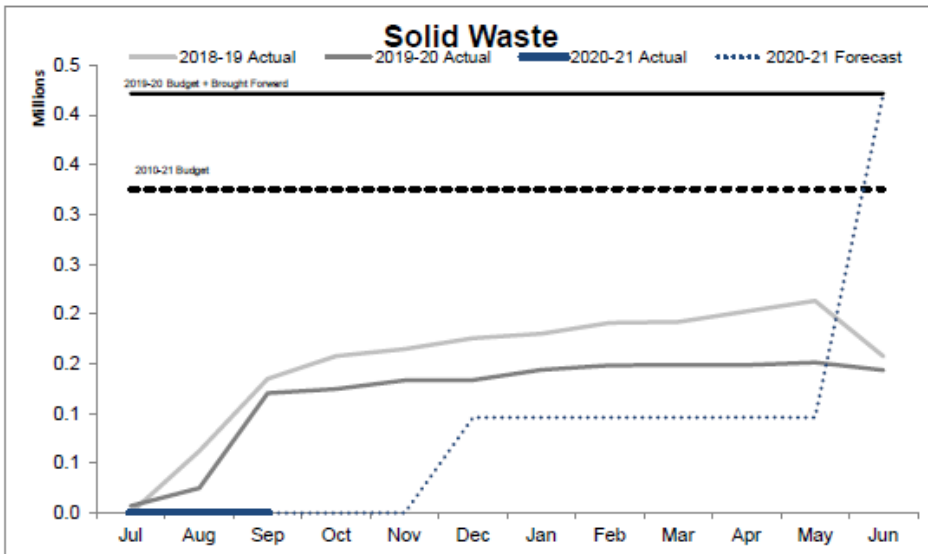
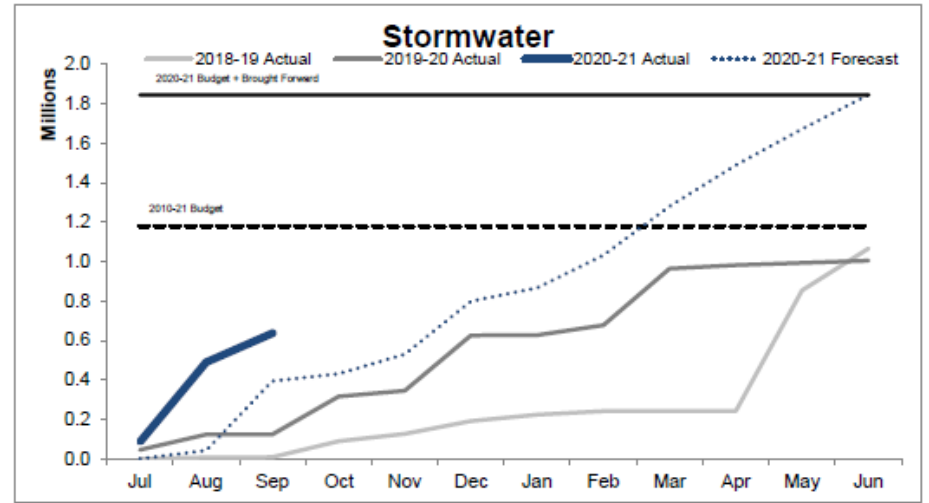
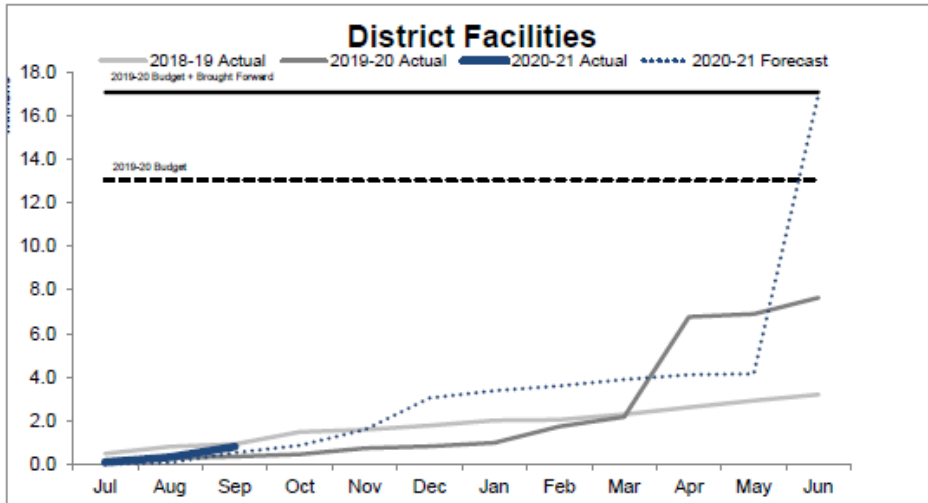
as at 30-Sep-2020

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	811	1,884	13,028	4,031	17,059	4.8%	16,973	4.8%	99%	(86)
Stormwater	636	422	1,179	666	1,844	34.5%	1,844	34.5%	100%	0
Solid Waste	0	91	325	96	421	0.0%	421	0.0%	100%	0
Wastewater	1,722	3,777	7,524	6,760	14,284	12.1%	14,538	11.8%	102%	254
Water Supply	651	1,894	4,495	2,054	6,549	9.9%	6,556	9.9%	100%	7
Roading & Footpaths	6,983	22,156	37,388	7,974	45,362	15.4%	65,089	10.7%	143%	19,727
<b>IAM Total</b>	<b>10,803</b>	<b>30,224</b>	<b>63,939</b>	<b>21,580</b>	<b>85,519</b>	<b>12.6%</b>	<b>105,422</b>	<b>10.2%</b>	<b>123%</b>	<b>19,903</b>
Environmental Management	11	1,526	0	1,914	1,914	0.6%	1,914	0.6%	100%	0
Governance & Strategic Administratio	323	1,283	2,334	1,952	4,286	7.5%	4,286	7.5%	100%	0
Customer Services	221	144	533	933	1,467	15.1%	1,557	14.2%	106%	90
Strategic Planning	0	0	0	0	0	0.0%	0	0.0%	0%	0
<b>Other Total</b>	<b>555</b>	<b>2,953</b>	<b>2,867</b>	<b>4,800</b>	<b>7,667</b>	<b>7.2%</b>	<b>7,757</b>	<b>7.2%</b>	<b>101%</b>	<b>90</b>
<b>Total</b>	<b>11,358</b>	<b>33,177</b>	<b>66,807</b>	<b>26,380</b>	<b>93,186</b>	<b>12.2%</b>	<b>113,179</b>	<b>10.0%</b>	<b>121%</b>	<b>19,993</b>

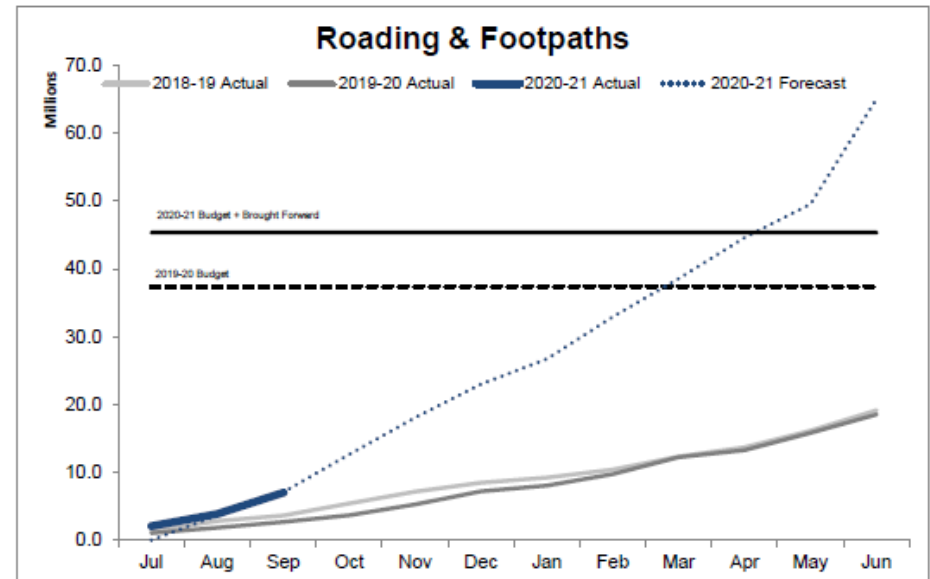
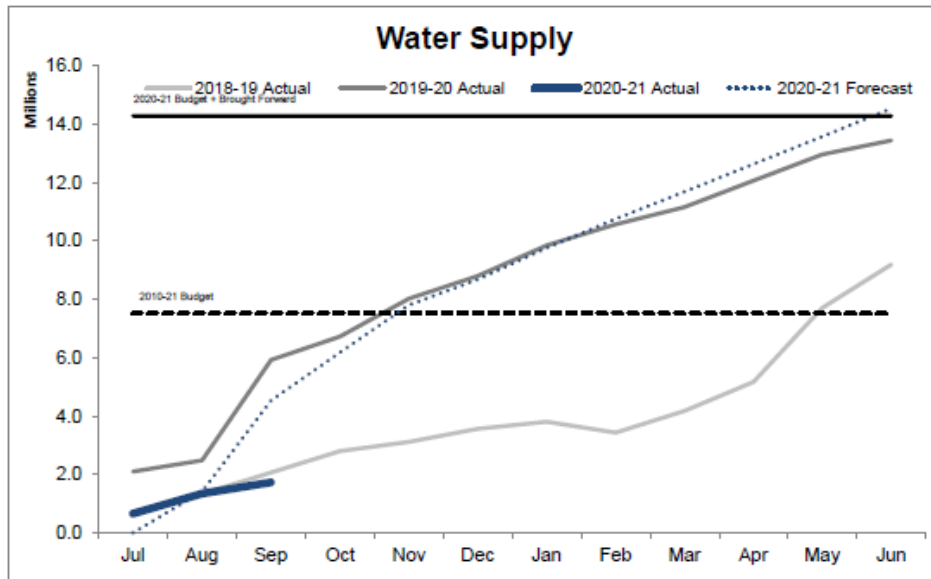
### Comments:

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







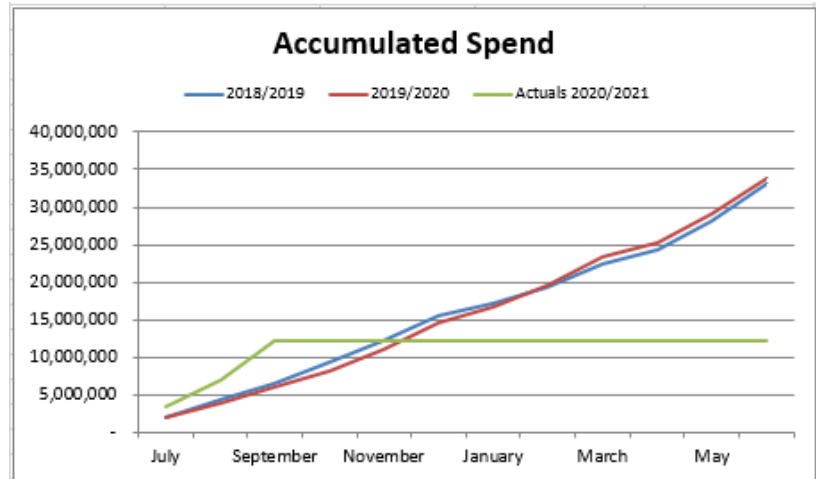


# ROADING

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

## EXECUTIVE SUMMARY

The strong start to delivery of works in the new financial year has continued through the first quarter with approximately \$12.1M of works completed in July/August/September 2020 (versus approx. \$6M in both 2018 and 2019 as demonstrated in the graph below. This increase in spend and works execution rate continues to be a result of the availability of construction ready work (as a result of Covid lockdown impacted carry-forwards) and improved structure Regional planning and delivery processes (across both Maintenance and Capital Works delivery teams) implemented within the NTA.



The Asset Management and Strategy team reached a significant milestone with the first submission of the Regional AMP provided to Waka Kotahi NZTA for initial review on Monday 21<sup>st</sup> September. While we await feedback on the submission work continues to support the development of the Regional Land Transport Plan (RLTP). Regional Public Transport Plan (RPTP) and contributing to respective Council Long Term Plans (LTPs).

Excellent progress is being made with the MBIE Funded Worker Redeployment programmes, with 98 people gaining employment through the programme to date across Northland. A number of these new employees have subsequently transitioned to full time roles with contractors.

Work has re-commenced on the Customer Experience improvement initiative within FNDC. Similar initiatives are presently underway in all three Northland District Councils providing the opportunity to introduce further consistency and learnings right across the Region.

## NZTA BUSINESS CASE PROGRESS

In the September Council meeting confirmation of the 2019 Council Decision to proceed with the execution of seal extension work on these two NZTA approved sections of Koropewa and Church Roads was received, with detailed design and planning activities now underway to support construction over the 2020/21 summer period.

## 2021/24 AMP DEVELOPMENT PROGRESS

The first draft of the single Northland AMP document has been completed and was to Waka Kotahi NZTA on the required submission date of Monday 21<sup>st</sup> September. Waka Kotahi NZTA will now review the Draft AMP document and the financial requests from each Council via a moderation process between October and December 2020, with the final AMP document is presently expected to be submitted by December 2020.

## CENTRAL GOVERNMENT POLICY SUBMISSIONS

There were no Central Government submissions in the past month.

On Thursday 17th September the Government released the Government Policy Statement (GPS) on land transport 2021/22 – 2030/31. The GPS 2021 and supporting information are now available online at the Ministry of Transport website <http://www.transport.govt.nz/gps>.

The release advises that GPS 2021 builds on the strategic direction of GPS 2018 by maintaining priorities, while simplifying the format in response to listening sessions held with key stakeholders in 2019.

There are four strategic priorities in GPS 2021;

- Safety;
- Better Transport Options;
- Improving Freight Connections, and;
- Climate Change.

GPS 2021 comes into effect 1 July 2021. Publishing the GPS now means that Waka Kotahi NZ Transport Agency and local government can reflect the Government's transport priorities in their respective land transport planning. Waka Kotahi will continue to work closely with local government and approved organisations to support the development of Regional Land Transport Plans (RLTPs). These plans will feed into the 2021-24 National Land Transport Programme (NLTP), which is managed by Waka Kotahi and gives effect to the GPS.

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

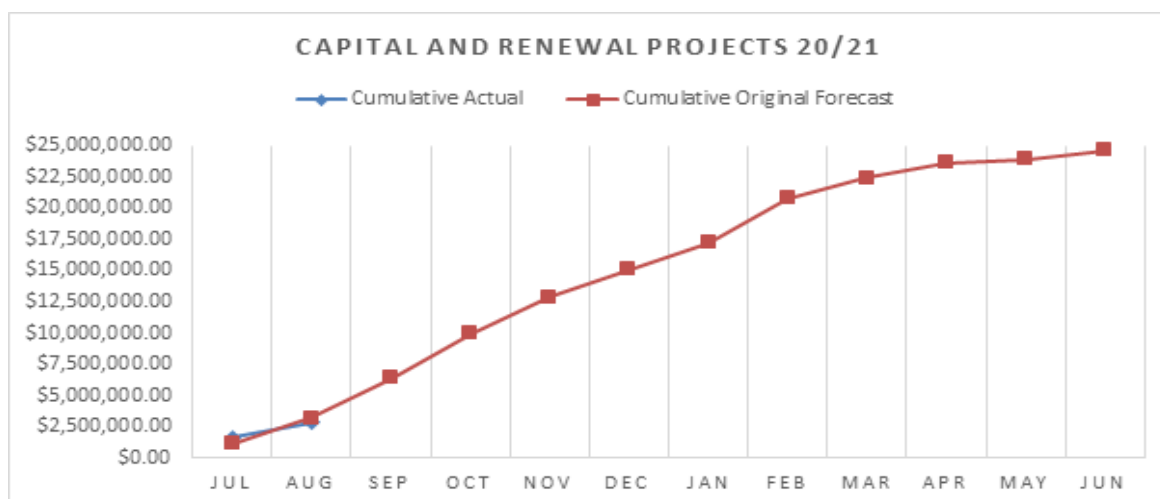
The variation for an additional \$2m of funding was finalised in September with the proposed work scope programme developed for submission to MBIE in early October.

Further excellent progress continues to be made across the region towards achievement of the Social procurement targets, with a total of 187 workers now engaged on the programme across the region, 98 of which were previously unemployed. The composition of employed workers includes:

- 30% Youth (15-24 years old)
- 52% Maori
- 5% Pasifika
- 21% Women

To date approximately \$3.15M of the works has been awarded to Maori/Pasifika and/or local Northland businesses. A copy of the September monthly report provided to MBIE is included as an Appendix within this report.

## FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY



### Projects Started in September

Category	Sub activity	Location
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.
214 - Sealed Road pavement rehabilitation	Rehabs	Pawarenga Road
341 - Low Cost Low Risk	Associated Improvements	Northern & Southern Area: Associated improvements on 2020/21 pavement rehabilitation sites
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380
Seal Extension - Unsubsidised	Seal Extension	Puketi Rd RP 0 - 1000
341 - Low Cost Low Risk	Resilience	Taupo Bay Road, RP8816 & 9169

### Projects Started in October

Category	Sub activity	Location
212 – Sealed Road Resurfing	Sealing Chip seal	South Region (CS-37.99km
213 – Drainage	Rehabs	Programmed rehab sites
214 – Sealed Road pavement	Rehabs	Pungaere Road
214 – Sealed Road pavement	Rehabs 21	Purerua Road
215 – Structures Component	Bridge	Heavy Bridge Maintenance (North & South)
341 – Low Cost Low Risk	Bridge	West Coast Road G01
341 – Low Cost Low Risk	Lighting	Various District Roads
341 – Low Cost Low Risk	Resilience	Taupo Bay Road RP8816 & 9169
341 – Low Cost Low Risk	Resilience	Long Beach Road RP 294
341 – Low Cost Low Risk	Resilience	Wharekawa Road RP 3633
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward. Kaikohe Footpath. Signal Station Road, Omapere

Category	Sub activity	Location
Redeployment Package	New Footpath	BOI-Whangaroa Ward – Length of Blacks Road
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)

## Capital and Renewals – Significant projects

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	58%	Continue with physical works, substructure almost finish. The physical works is delayed due to unsuitable ground condition and requires design revision of the retaining wall. Recent flooding damage that requires repair works also contributed on the delays. Programmed date for completion is around late October.	Forecasted completion late October
341 - Low Cost Low Risk	Resilience	Panguru Road	19%	All service relocations, earthworks, vegetation clearing and drainage work complete. Started pavement works 28th September.	Continue with pavement works
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	77%	Shoulder widening, Seal and guardrail installation complete on all 9 guardrail sites.	final cleanup and linemarking planned for first week of October.
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	73%	Installation started	Continue installing signs. Site visit with contractor to check progress and discuss issues experienced.
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	61%	Installation started	Continue installing signs. Site visit with contractor to check progress and discuss issues experienced.
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	108%	Sign installations on Oruru Rd section complete. Additional traffic management was required.	Continue installing signs on Whangaroa, Fairburn and Peria Road sections
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	12%	Installation started	Continue with installation of signs
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	92%	Construction complete	Defects period will end July/August 2021
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	92%	Construction complete	Defects period will end July/August 2021
341 - Low Cost Low Risk	Speed	Okaihau Triangle between SH1, SH10 and the Mungamuka's	0%	Detailed requirements and Scope of Works prepared for Contractor's pricing and programming	Seek quote, review and issue NTC to the maintenance contractor (BRS)
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	Final locations for the Pou are agreed from Iwi and Hapu meetings.	Engage with the contractor to start Pou installations.
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	2%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start construction.
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	4%	Construction work started 28 September.	Progress construction
Resilience - Unsubsidised	Resilience	Panguru Road	0%	All service relocations, earthworks, vegetation clearing and drainage work complete. Started pavement works 28th September.	Continue with pavement works
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	82%	Project Complete. Practical completion certificate issued.	Defects period ends Sep 2021
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	0%	discussions with IWI held and aiming to complete post Xmas	discussions with IWI held and aiming to complete post Xmas

## RESILIENCE SLIPS (LOW COST LOW RISK), MINOR EVENTS AND EMERGENCY SLIPS

- Kaitaia Awaroa 26991 – Site work 90% completed
- West Coast Rd RP 16005 – Site work 75% completed
- West Coast Rd RP 9563, Fairburn Rd RP9588, & Diggers Valley Rd RP12722 - Site work 75% completed
- Taupo Bay Rd, RP'S 8816 & 9169 Slip Remediation – Contract tenders, evaluated and awarded - work commences in October 2020.
- Mangamuka Road RP7845 & RP8387 – RFT advertised for tendering.
- Wharekawa Rd RP3552 & 3663 – Work underway
- Waikare Road – Work in progress
- Wainui Road – Contract tenders, evaluated and awarded - work commences in October 2020.

	
<p>Wharekawa RP3552 Slip repair</p>	<p>Tau Henare Drive Shared Use Path in Waitangi</p>
	
<p>Blacks Road Footpath</p>	<p>Ongoing work at Otatau Rd N28 replacement</p>
	
<p>Diggers Valley</p>	<p>Fairburn</p>

## ROAD SAFETY AND TRAFFIC PLANNING

### Speed Limit Reviews

The Okaihau-Kaeo-Waimate Speed Limit Review is nearing completion.

- Contractors have agreed a work program to install and update signage to reflect the new Speed Limits
- All speed limit maps have been updated onto GIS based mapping to make future speed limit changes more efficient to undertake
- An Agenda Item will be presented to Council at their October 29th Meeting to make amendments to the Speed Limits Bylaw
- The planned operative date will be 25th January, to allow for all signage to be installed and community education to be undertaken.

### Other Developments

- SNP pipeline tool – national database of all safety projects with prioritisation to enable Road To Zero target of 40% reduction in DSI's over next 10 years
- What Safety interventions we are delivering this year – predicted DSI saving outcome and percentage of target achieved.

## HOKIANGA FERRY (KOHU RA TUARUA)

Revenue received for September was \$50,224.00 excl. GST, which is significantly higher than the same period last year (\$28,690.65). Anecdotally, this is associated with School Holidays with strong domestic travel.

Installation of a rebuilt jet unit is planned to take place in October, after hours outside of the scheduled service.

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

- Waipapa Roundabout is progressing well. There is now half a roundabout with kerbing and the rest of the roundabout coned off. The remaining kerbing should be poured this week, and then the formation of the paving will continue ready for hot mix probably next week.
- Puketona Roundabout has again changed and the lane next to the Café has been sealed and the drainage for the roundabout is going in,
- Kawakawa Roundabout new retaining wall construction is almost complete. The temporary line marking continues to cause problems as it fades quickly.
- UFB Coopers beach is now fully completed and has been handed back to Chorus. The team has now moved into Paihia & is making slow progress due to the amount of rock and existing services being encountered.
- The UCG connections are continuing and have also started in Coopers Beach. There have been over 280 connections made during September
- There are 2 slip sites that repairs are starting on and a third one about to start.
- There have been several sites of tree maintenance work being undertaken, and a few logging operations are ongoing.

## FORESTRY AND DUST CONTROL

### **UNSEALED DUST SUPPRESSION (UDS) SITES**

Procurement for the 2020/21 dust season commenced, with tenders received and evaluation commencing in early August. The eligibility thresholds for Unsealed Dust Suppression (UDS) application will remain as follows:

- Houses are within 25m from the road
- The average speed environment of LDV (light duty vehicle — vehicle with a gross vehicle mass of less than 3,500kg) is greater than 60km/hr.
- The traffic volume is greater than 130 vehicles / 24hr and,
- The Heavy Commercial Vehicle (HCV) component is at least 20 HCV/24hr.

Houses that fulfil all four above criteria will receive UDS as being the houses that are evidently hardest hit. Based on these parameters having been met, the below sites will be included in FNDC 2019/20 dust suppression programme. In addition, FNDC will apply suppressant to:

- Several historically identified sites which continue to get honoured.
- Forestry sites (yet to be agreed with Hancocks, Northland Forest Managers and Summit Forests and any other operator) to apply UDS on unsealed road at vulnerable home frontages along their haul routes. FNDC's dust suppression campaign complements this.

Staff have identified 109 sections across 56 different roads throughout the District. The list of Roads that will receive dust suppression under FNDC thresholds (as at 6/08/2020) is provided on next table:

Count	Row Labels	Number of sites	Count	Row Labels	Number of sites
1	Arawhata Road	6	29	Pawarenga Road	1
2	Aurere Beach Road	2	30	Peria Valley Road	1
3	Backriver Road	1	31	Porotu Road	1
4	Bonnetts Road	1	32	Pungaere Road	1
5	Brass Road	3	33	Purerua Road	1
6	Cable Bay Block Road	3	34	Quarry Road	3
7	Diggers Valley Road	3	35	Rangi Point Road	1
8	Gills Road	1	36	Rawhiti Road	1
9	Hariru Road	1	37	Redcliffs Road	2
10	Harris Road	1	38	Renwick Road	1
11	Heath Road	1	39	Ruapekapeka Road	7
12	Henare Road	2	40	Ruaroa Road	3
13	Horeke Road	8	41	Spains Road	4
14	Jacenthos Road	1	42	Te Ahu Road	6
15	Koropewa Road	4	43	Te Iringa Road	1
16	Ludbrook Road	3	44	Te Tii Road Extension	1
17	Mangatawa Road	2	45	Te Tio Road	6
18	Martin Road	1	46	Victoria Valley Road	1
19	Matawaia-Maromaku Road	10	47	Waihapa Road	1
20	Ninihi Road	1	48	Waima Valley Road	10
21	Omanaia School Road	1	49	Waimanoni Road	8
22	Orakau Road	1	50	Waimatenui-Mataraua Road	6
23	Oromahoe Road	8	51	Waiomio Road	4



Count	Row Labels	Number of sites	Count	Row Labels	Number of sites
24	Otaha Road	4	52	Weber Road	1
25	Otangaroa Road	7	53	West Coast Road	3
26	Otaua Road	5	54	Whakataha Road	1
27	Parapara Road	6	55	Wharepunga Road	1
28	Parapara-Toatoa Road	6	56	Whatuwhiwhi Road	1
<b>Grand Totals</b>					<b>169</b>

## FOOTPATHS

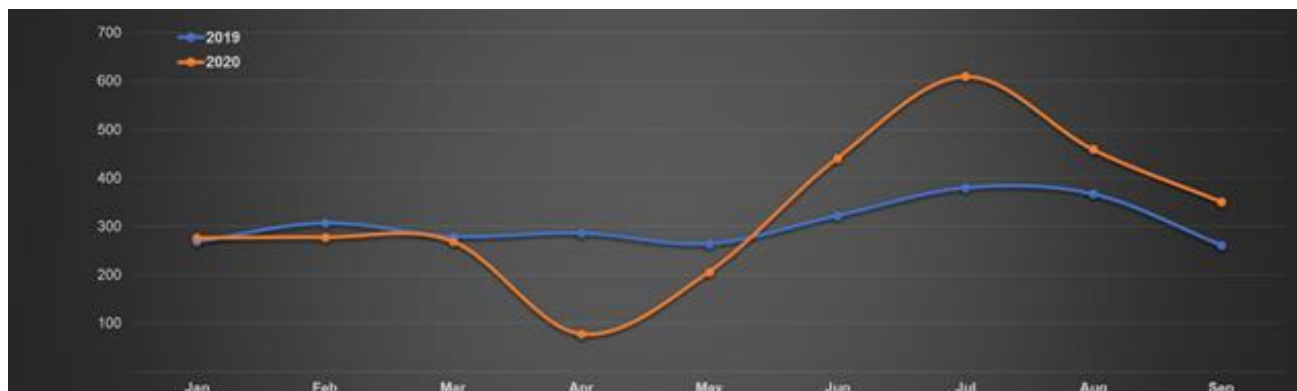
Renewals and maintenance work for the 2020/21 FY are prioritised and programmed to meet the budget available and as per the condition assessment. All renewals have been uploaded into RAMM and the two Maintenance and Renewals Contractors (Fulton Hogan – Te Hiku Ward and Broadspectrum – Eastern and Western Wards) have received instructions via NTC to commence and provide progress reports. Delivery of works will commence in September.

Community Boards agreed to the 2020/21 New Footpaths Programmes. Designs and Safety Reviews commenced in July 2020. Construction of the new footpaths outlines below are scheduled to be completed by June 2021.

WARD	ROAD	ROUTE POSITIONS	
		Start	End
TE HIKU	New Footpath - Foreshore Rd Tasman Heights to toilets (Ahipara)	1192	2011
	New Footpath - Foreshore Rd toilets to Panorama Lane (Ahipara)	2011	2291
	New Footpath - SH1 Matthews Avenue (Kaitaia)	6465	6578
	New Footpath - Dominion Road (Kaitaia)	638	700
	New Footpath - SH1 Harbour View Rd to private access (Pukenui)	3578	3932
	New Footpath - Mill Bay Rd to Rangikapiti Rd (Coopers Beach)	43	143
	New Footpath - Mill Bay Rd Rangikapiti Rd to Richmond Rd link (Coopers Beach)	143	235
KAIKOHE-HOKIANGA	New Footpath - Kohukohu Road Manning to Marriner (Kohukohu)	14159	14461
	New Footpath - Taheke Road to Orrs Road eastbound (Kaikohe)	1027	1089
	New Footpath - Waianga Place (Opononi)	0	133
	New Footpath - Taumataiwi Street (Opononi)	0	481
	New Footpath - Lake Road 91 to 95 (Okaihau)	810	950
BAY OF ISLANDS-WHANGAROA	New Footpath - Horeke Rd to Cemetery 294-330 (Okaihau)	2242	2809
	New Footpath - Length of Pa Road (Kerikeri)	0	790
	New Footpath - Pedestrian Bridge near Main Street Bridge (Kaeo)	8946	8960
	New Footpath - SH11 Kaipatiki Road to York Road (Haruru)	5278	5606
	New Footpath - Te Taipui Road to Matauri Bay School Link (Matauri Bay)	0	69

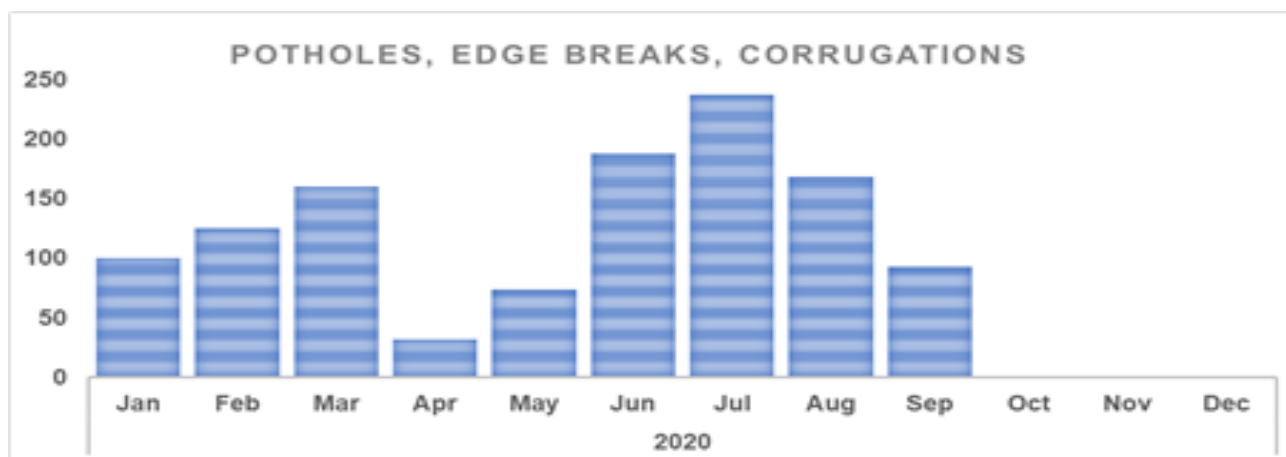
## THE CUSTOMER EXPERIENCE

### Request for Service



### Potholes, Edge Breaks, Corrugations

The single largest request number of requests consistently relates to Potholes, edge breaks and corrugations. Unsurprisingly, there is a seasonal correlation and a direct relation in trend to the overall chart shown above. This is the type of information to be used as a focus to both prepare for and proactively address numbers.



## PARKING

The NTA has been instructed to programme and implement changes to mobility parking spaces district wide as requested by Councils 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.

## 2021-24 NATIONAL LAND TRANSPORT PROGRAMME

### Development Timeline for RLTPS and NLTP

Month	Proposed Date	Activity
September 2020	21 September	Waka Kotahi releases guidance and activity class overviews Close of initial bids and continuous programmes.
October 2020	30 October	Councils complete front end of Regional Land Transport Plans (RLTPs)

Month	Proposed Date	Activity
	21 September until 30 October	Initial submissions of new improvement activities (including low cost low risk programmes) submitted to Regional Transport Committees (RTCs) and Waka Kotahi.  <i>Note: It is more advantageous to submit your activities and programmes early to facilitate discussions with your investment advisors, however the deadline for submission of these activities and programmes is 30 October.</i>
November 2020	9 November	Initial moderation of continuous programmes.
	9 November	Release of Transport Investment Online (TIO) modules for continuous programmes.
December 2020	December	Councils update programmes for RLTPs.
	11 December	Final bids submitted for continuous programmes.
February 2021	Early February	RTCs approve draft RLTP for consultation.
	16 February	Initial moderation for improvement activities.
	25 February	Final moderation of continuous programmes.
March 2021	March	Feedback on results of continuous programmes and improvement activities moderation.
	Mid-March to late April	Consultation on Long Term Plans by councils.
April 2021	22 April	Waka Kotahi Board Meeting – indicative allocations for continuous programmes and low-cost low risk programmes.
May 2021	21 May	Councils submit final submissions for improvement activities (incl. low cost low risk programmes).
June 2021	10 June	Final moderation of improvement activities
	24 June	Waka Kotahi Board Meeting – interim funding arrangement from 1 July until 31 August 2021 for: <ul style="list-style-type: none"> <li>• Continuous programmes</li> <li>• New activities (including low cost low risk)</li> <li>• Committed activities</li> </ul>
	End June	RLTPs received from regional councils following endorsement by RTCs.
	End June	Long Term Plans adopted prior to 30 June.
	End June	Feedback final prioritisation and moderation of improvement activities.
August 2021	Late August	Waka Kotahi Board to approve 2021-24 NLTP.
	Late August to early September	2021-24 NLTP adopted and published.

# PROJECT DELIVERY

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

## EXECUTIVE SUMMARY

September was a good month for Procurement in Project Delivery. It saw the approval of a Three Waters Program of Works and the award of the Northern Animal Shelter for a combined value of \$3.8m. The Animal Shelter has been in the planning phase for a long time and the award to a locally owned construction company is economically beneficial.

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

**Project Phase: Design**

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Concept plan received and approved by District Services
Scope	Amber	Amber	Scope confirmed
Schedule	Amber	Amber	Schedule confirmed
Cost	Amber	Amber	Cost to be confirmed
Project Risk	Amber	Amber	Weather, contractor availability, material availability, Covid-19

**Monthly Summary:**

Increased funding has provided an opportunity to build a fit for purpose facility.

Key Project Risks	Mitigation of Risk
Funding	Project funding increased
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 November	On track	

**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 Phase: Construction**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	<b>Amber</b>	<b>Amber</b>	Contract awarded to KPH Construction possession of site 28 <sup>th</sup> September 2020
<b>Scope</b>	<b>Amber</b>	<b>Amber</b>	Scope confirmed.
<b>Schedule</b>	<b>Amber</b>	<b>Amber</b>	Project program confirmed. Program received from contractor.
<b>Cost</b>	<b>Amber</b>	<b>Amber</b>	Cost confirmed and approved
<b>Project Risk</b>	<b>Amber</b>	<b>Amber</b>	Weather, contractor availability, material and time delays due to Covid-19.

**Monthly Summary:**

Contract awarded to local contractor KPH Construction Ltd, possession of site Monday 28<sup>th</sup> September 2020

Key Project Risks	Mitigation of Risk
Funding	Project funding increased
Tender	Awarded to KPH Construction Limited

Key Project Milestones	Expected	Status	Comment
Tender award	Late September	On track	
Construction	October	On track	Construction programme received

**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 Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	<b>Mitimiti:</b> Construction is completed at Mitimiti & CCC achieved; project is in handover stage to operations.
	Green	Amber	<b>Opononi:</b> Tender has closed, and the tenders have been evaluated and the contract will be awarded early October
	Amber	Amber	<b>Waitangi:</b> Detailed design is complete and lodged for Building & Resource Consent. Consultation with Iwi is nearing completion and there is a request from one Hapu to move toilet location across the bridge, we have advised we cannot and outlined reasons why and await response.
	Green	Amber	<b>Haruru Falls:</b> Tender is on GETS for one month
Scope	Green	Green	<b>Waitangi:</b> Scope is clear and approved by Stakeholders <b>Mitimiti:</b> Construction complete. <b>Opononi:</b> Scope is clear and defined. <b>Haruru:</b> Scope is clear but reduced, the cost to get power to site is excessive and so we will alter build to include more natural light.
Schedule	Amber	Green	Projects currently tracking behind programme due to consultation and legal agreement delays. An extension of time has been granted from MBIE until Dec 2020, COVID 19 has also played its part in the programme delays.
Cost	Green	Green	Mitimiti completed within budget. Opononi and Haruru Falls estimates both in line with budgets. Waitangi has not yet been estimated but QS engaged to cost.
Project Risk	Amber	Green	Covid 19 will cause large delays to all programmes of work which have already been delayed due to legalising access to all sights. These projects will not be completed in the timeframes initially set out and there is no opportunity to bring them inline, so we have accepted this and asked for funding extensions.
<b>Monthly Summary:</b>			
<ul style="list-style-type: none"> <li>Mitimiti Handover to Operations underway</li> <li>Haruru Tender Documents loaded on GETS</li> <li>Waitangi Toilet Building Consent Lodge.</li> <li>Opononi Tender has closed, and Supplier Recommendation drafted</li> </ul>			
<b>Key Project Risks</b>		<b>Mitigation of Risk</b>	
Covid 19 Lockdown will lead to programme delays.		Accept & Monitor.	
Waitangi Toilet – Archaeological Site		Further Iwi Engagement for new site	
<b>Key Project Milestones</b>	<b>Expected</b>	<b>Status</b>	<b>Comment</b>
Mitimiti Toilet – Construction	Early July	Met – late	Completed August
Opononi – Tender to market.	August	On track	Tender has closed - good response
Waitangi Toilet – Iwi Engagement	July	ongoing	With liaison team for approach, ongoing at present
Detailed design from Architects – Waitangi	22/06/20	Met	Lodged for consent
Opononi Construction	October 2020		In process of awarding contract to preferred supplier
Haruru – Tender to Market	September	Met	Haruru out to tender for 4 weeks
<b>Project Budget Status</b>			
Approved Budget	Actual Spend to Date	Forecast Total Spend	
\$1,045,688 (combined)	\$330,170	\$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 by end November 2020.
Scope	Amber	Amber	<ul style="list-style-type: none"> <li>A design and scope for the compliance work was provided by FNW.</li> <li>A recent change in test certifiers has resulted in a scope change.</li> <li>IXOM has visited the site and have advised FNW on what the requirements are for the decanting area.</li> <li>As a result of an overall District wide WTP upgrade project. A new Scada system needs to be installed.</li> </ul>
Schedule	Amber	Green	Revised schedule provided by FNW. Physical works started during lockdown in May. The major rain events in July and a new PLC upgrade will have an impact on the project end date. The revised project end date is end November 2020.
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	<p>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.</p> <p>Project completion date is delayed because of</p> <ul style="list-style-type: none"> <li>the installation of a new PLC Upgrade</li> <li>the possible additional site works that may be required before the IXOM chemicals can be delivered to the WTP.</li> </ul>

**Monthly Summary:**

FNW work to date

Wet weather and major rain events in July have had an impact on the project end date. The access road leading to the plant sustained some damage and has had to be repaired before the concrete could safely be delivered to the WTP. Pouring of the concrete slab which was scheduled for WC 13 July was delayed by 12 days. The concrete slab has since been poured and the tanks have been positioned onto the slab. Pipework connections to and from the tanks to the chemical building have been completed. The PACL and Caustics pump control cabinets have been installed and connections made to the respective chemical tanks. The Electrical work inside and elsewhere within the chemical building can only be completed after a new PLC system has been installed and programmed into service.

IXOM has visited the site and have advised FNW on what the requirements are for the decanting area. A new spill containment sump and isolation valve have been installed and the surrounding hardfill area compacted. Safety signage, labels and safety fence have been erected. The water line to the Chlorine room has been installed. The schedule 80 pipework from the Chlorine room to the feed points has been installed.

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	Closed
Change in Test Certifier – change in scope	Accept and monitor
Impact on water supply when commissioning new equipment into service	Management of change
New PLC upgrade – delay in completing the electrical works and switch over	Accept and monitor
Chemicals deliveries – decanting area does not meet IXOM requirements	Closed

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

**Project Budget Status**

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



**Project Phase: Procurement**

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Project progressing on target on assumption that Crown funding will be granted.
Scope	Green	Green	Scope understood.
Schedule	Green	Green	On target for contract award early November
Cost	Green	Red	Council endorsed updated budget in August Council meeting
Project Risk	Amber	Amber	Property and Easements are subject to commercial negotiations

**Monthly Summary:**

The detailed design was accepted subject to comments on 26th August. A peer review of the Electrical and Mechanical components has been completed by Jacobs and comments are being closed out. No red flags have been identified.

Ecological assessments of the two wetland areas have been completed and an earthworks con-sent including construction in the wetland areas was submitted on 30th September.

Engagement is ongoing with Te Rarawa, Ngai Takato and Ngai Kahu to ensure that Tikanga is acknowledged. As part of this, we are requesting acknowledgement for submission of a Heritage Authority, this was originally planned in August, but will now be submitted in early October.

Elbury Holdings have formally confirmed that they dispute the preferred pipeline route. They have proposed an alternative for consideration, the options are:

- Accept the proposed route, redesign and continue with the easement negotiation, or;
- Reject the alternative route and continue utilising the Local Government Act process.

WSP have estimated the cost to redesign the route @\$35k inclusive of design, survey and geotechnical testing. The alternative route is circa 300m longer with an estimated construction cost circa \$100k. The change in route will have an impact on easement negotiations with Dennis Panther and also Tony Hayward where the pipeline crosses Lot 4 DP134738 (the access road ½ owned by Hayward and Panther).

McMillan Drilling have mobilised to site, additional earthworks were required to create access for the drilling rig due to recent storms. The 450mm conductor casing has been drilled to a depth of 51mtr. This is a metre past the peat into grey sandy silt and mitigates the largest construction risk on the contract.

The RFT for the main works (pipeline) contract was released on 26th August, a site visit for tenderers was completed on 3rd September and interactive sessions were held on 8th and 9th September. At the request of a tenderer, an extension to the RFT response period of 2.5 days was granted. Tenders closed at Midday on Friday 22nd September. The evaluation programme has been revised to maintain a target award date of Friday 6th November. Meetings with key decision makers have been booked to enable this timeline to be maintained.

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 that the impact of Covid-19 reduces the number of available suppliers and the subsequent shovel ready funding increases the quantum of available work.	Procurement process has five shortlisted bidders. Review pricing on nonprice attribute assessment complete
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
Water restrictions - There is a risk that Council may choose to restrict water for construction purposes during a drought. This is to minimise the reputation risk of the community being un-der water restrictions and the Contractor using water for drilling purposes.	Prepare key messaging to enable continuation of works

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	On target	
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
<b>Overall Project Status</b>	Amber	Amber	Completion of WWTP construction programme was reached at the end of September 2020. The practical Completion Certificate will be issued when the last contractual documents and Phase 4 commissioning results are submitted by the contractor. Phase 5 of the commissioning phases will start by middle October 2020 as soon as the realignment of the wastewater line towards the site is completed (because of slippage). The commissioning phases is expected to run until the end of November 2020, 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.
<b>Scope</b>	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.
<b>Schedule</b>	Amber	Amber	Design discrepancies, resolution of compliance and health and safety issues are identified and managed.
<b>Cost</b>	Amber	Amber	Cost implications have been communicated to PSG via report dated 28/02/2020 and are not expected to be exceeded.
<b>Project Risk</b>	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. Land slippage occurred in vicinity of Wastewater rising main. Realignment to be done – Unbudgeted Expense Approved. Work in progress and to be completed by middle October. Unforeseen in Phase 5 and 6 Commissioning Phase.

**Monthly Summary:**

Construction of the new Treatment Plant is nearing completion with all structures, pipework, mechanical and electrical components in place. Commissioning Phase 4 have been completed with only some documentation outstanding. Practical Completion has been reached with only the documentation outstanding - As-Built, O&M manual and the Asset Data Sheets. The Practical Completion Certificate will be issued as soon as the works are insured by FNDC and the Contractor have made a formal request to the Engineer in Contract. Commissioning Phase 5 and 6 will then run until the end of November 2020. Key work completed in the month of September 2020:

**Roading / Earthworks / Pipework**

- o Site road pavement construction and surface reinstatement around site areas;
- o Concrete service lanes to Dewatering Building;
- o Lower fill batter reinstated and topsoil respread;
- o Riprap swale drain outlet constructed. Forestry pipe route tidied up and stream reinstated;
- o Streamside landscape planting; and
- o Started with the Chemical unloading concrete slab/bund.

**Design/Procurement**

- o Details for chemical unloading area/bund/tank – basic drawing issued; and
- o Wheelie bins required at inlet works.

**Structural**

- o Installation of UG Maskell fiberglass spill tank and associated pipe works and valves;
- o WAS tank – visual weeping rectified by repairs to internal coating;
- o Lighting pole installation; and
- o Completion of WAS tank area (including access structure) and Dewatering Building.

**Mechanical/Electrical**

- o Decant pumps pipe support completed;
- o Dewatering Building and UV areas cable routing and terminations;
- o Electrical fit out to WAS and Dewatering systems
- o Electrical Testing and COC's;
- o Connection of electrical control cabinet;
- o PLC programming and Testing of pumps;
- o Various instrumentation brackets installed;
- o Started with works on light pole installations.

**Commissioning**

- o Phase 3 (Principle acceptance/verification of installation);
- o Phase 4 in progress – Grundfos for pumps and Filtec for UV system commissioning completed. Aiming for completion early October (dependent on timing of power cut for pipeline because of the relocation). Checks underway on pumps and bump tests are underway;
- o Inlet works and Disc Filters commissioned with Brickhouse;
- o Phase 5 Requirements and cost proposal by BSL;

- o United Civils pump station integration to WWTP and its commissioning; and
- o BSL have implemented tagout/lock out safety system on site for commissioning. Request that the final pump station valve on influent pipeline be tagged out.

**General**

- o Valuation and Easement arrangement with Property owners in progress;
- o UCC and McKay done some work at the Terminal Pump station, like power supply and metering;
- o Installation of Scada and Telemetry by FNW;
- o Internet connection;
- o Top Energy have livened 11kV cable and transformer; and
- o Fibre connected at site office.

Following completion of the commissioning phases, connections will recommence with the cutting over of the house connections, with an estimated completion by April/May 2021, close out by May/June 2021. Decommissioning of the existing treatment facility in Shepherd Road to follow.

Key Project Risks		Mitigation of Risk		
Commissioning works identifies design/process flaws		Commissioning planning and integration between parties.		
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 5 and 6 - Unforeseen and results not being achieved		Resource availability and ongoing monitoring and quick reaction.		
Key Project Milestones		Expected	Status	Comment
Issuing of Practical Completion for Treatment Plant construction		15/10/20	In progress	Contractor to request PC. Some documentation outstanding.
Commissioning Phases of WWTP		30/11/20	In progress	Phase 1,2 and 3 of 6 completed. Documentation of Phase 4 outstanding.
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

**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	Green	The recirculation works have been designed but a chemical dosing system is also now required to be included
Schedule	Amber	Green	Ammonia works have now been delayed to allow full understanding of the July / August testing results.
Cost	Green	Green	Project remains within Projected Budget
Project Risk	Red	Green	The July testing phase has indicated a non-compliance in the plant's chemistry for both levels of Ammonia and Ph.

**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.

Currently WSP have provided a short-term solution which will allow the plant to come back into compliance levels, this includes manual chemical dosing of the site, which will likely be completed by the plant's operations contractor – Broad Spectrum.

In the next week, WSP will be producing a full report which will include formal interpretation of the results and inclusion of the short-term recommendations. This will also include long term recommendations for the plants treatment, likely to be a long-term chemical dosing system installed at one of a number of locations.

AS this report is received it will be passed on to FNDC for review and direction as the additional costs and projected pay back has to be considered.

**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. Non-Compliance of plant
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
<b>Overall Project Status</b>	<b>Green</b>	<b>Green</b>	Project is completed, with power connected and switched on by Top Energy in late June. FNW has removed the temporarily installed generator. FNW to complete fencing and landscaping.
<b>Scope</b>	<b>Green</b>	<b>Green</b>	No changes in scope, but additional staging of the project.
<b>Schedule</b>	<b>Green</b>	<b>Green</b>	Re-commencement of works: 4 <sup>th</sup> May '20, expected completion: 30 <sup>th</sup> June '20 was met.
<b>Cost</b>	<b>Green</b>	<b>Green</b>	Cost of project not to exceed current budget.
<b>Project Risk</b>	<b>Amber</b>	<b>Amber</b>	Agreement with Top Energy on easements and maintenance of lines and vegetation in the area.

**Monthly Summary:**

All work is completed on project, with only the fencing and landscaping of the area still outstanding.

Landowner – An agreement has been reached with the landowner. A final copy of Councils agreement to the landowner for signing. (Moir McBain completed all the Valuations)

Top Energy – Council agrees with the form of agreement with TE but questions the obligation to meet the cost of repair of the line due to damage through falling or wind blow vegetation. Feedback required from TE Lawyers.

Council would like the landowner to sign the TE agreement at the same time so that both agreements can be completed together.

Key Project Risks	Mitigation of Risk
Land requirements and easement agreements.	Liaise and keep a good relationship with the landowner.
Top Energy Easement acceptance	FNDC lawyers in discussion with Top Energy

Key Project Milestones	Expected	Status	Comment
Land Purchase & Easement Agreements	30/11/20	In progress	Provisional Agreement Signed by relevant parties. Top energy easement acceptance to be finalised. Landowner to sign the Top Energy Easement and Land Agreement.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$946,665	\$309,668	\$500,000

**Project Phase: Work in Progress**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	<b>Green</b>	<b>Green</b>	Practical completion achieved with exemption of one outstanding item.
<b>Scope</b>	<b>Green</b>	<b>Green</b>	Installation of dual pump system at the Awanui Intake.
<b>Schedule</b>	<b>Green</b>	<b>Green</b>	Project is currently on schedule.
<b>Cost</b>	<b>Amber</b>	<b>Amber</b>	Project remains within Projected Budget.
<b>Project Risk</b>	<b>Red</b>	<b>Red</b>	Entails closing off the Awanui supply for a few hours

**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. There is one outstanding item on the project and that is the installation of a layer of industrial grout at the bottom of the wet well. FNDC awaits instruction from the Kaitaia water treatment plant operator to proceed with this action as it entails plugging and dewatering of the wet well for 4-6 hours. The project will now proceed to the close out stage.

Key Project Risks	Mitigation of Risk
Intake is the only supply to Kaitaia	<ul style="list-style-type: none"> <li>Construction within the well takes place in working envelopes established by operations team.</li> <li>24 Hours prior check with treatment officer for sufficient water reservoir levels.</li> </ul>

Key Project Milestones	Expected	Status	Comment
Practical Completion	30/10/2020	On Time	
Handover	30/11/2020	On Time	

**Project Budget Status**

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$183,179.26	\$100k	\$145,814.21

**Project Name: BOI Sports Complex**

**Project Phase: Concept Stage**

Status Item	Current Status	Prior Status	Summary
<b>Overall Project Status</b>	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.
<b>Scope</b>	Green	Green	To manage the development and delivery of a BOI Sport Complex on the land acquired. The development must meet stakeholder, community, and sporting code requirements.
<b>Schedule</b>	Green	Green	Currently the programme is running on time, with Resource consent processing being reconsidered in a single approach. This will likely extend this portion of the programme.
<b>Cost</b>	Green	Green	Information on expenditure to date still needs to be received from FNDC. As this project has only commenced, budget breakdowns and tracking has not yet been set up to commence. This will be established in the coming months
<b>Project Risk</b>	Amber	Amber	Approval of Preliminary Concept Design - Planning and design development on a concept that has not been approved.

**Monthly Summary:**

The Preliminary Concept Design and proposed stages done by GLG still needs to be accepted and approved. Procurement of consultants for the detailed design stage will commence during the course of September 2020.

Haigh Workman is underway with the access road design including relevant NZTA approvals. They are also doing concept investigation on civil engineering services.

Concept civil engineering design of the main site works has been received and is currently under review at FNDC.

Key work completed in the month of September 2020:

- The Project Execution Plan was submitted to FNDC for review but after initial discussions the approach will be adjusted to consider enabling works as a higher priority and look at a single resource consenting phase.
- Preliminary Planning Assessment was supplied to FNDC to advise on Resource Consent path and requirements.
- Project working Group was communicated and initial meeting to be arranged in October.
- Asbestos assessment was completed on existing structures, results pending.
- NZTA design has been accepted
- Civil Engineering concept accepted

Key Project Risks	Mitigation of Risk
Funding Security	Funding commitment signoffs – Funding contracts to be received and signed ASAP
Market capacity to deliver	Procurement planning
Community Engagement	Appointment of a Working Group to steer matters
Downstream Impact – Ongoing future operation costs	Value Engineering during design
Supply Chain – getting services and materials needed	Early procurement
Programme Governance – Conflict of Interest	Set up Mitigation Plans

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Resource Consent	05/10/20-19/01/21	Ongoing	
Developed Design	Jan-Mar 2021		
Detailed Design	Mar-May 2021		
Procurement	Jun-Aug 2021		
Construction	Sept 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 Kerikeri Domain project has also recently been handed over from the asset management team who have focussed on provision of the reserve management plan.
Scope	Green	Green	The key delivery of this phase is a coordinated and accepted approach to the project scope from the project's working group, consisting of key community groups and FNDC representatives. After provision of the scope, the PEP can be finalised by the delivery team, a copy of which is planned for submission to FNDC on the 25th September.
Schedule	Green	Green	Currently the programme is being established for the project and will be provided to council for acceptance prior to the September PSG report. This will form part of the submitted Project Execution Plan for the project, to be approved by FNDC
Cost	Green	Green	Information on expenditure to date still needs to be received from FNDC. As this project has only commenced, budget breakdowns and tracking has not yet been set up to commence. This will be established in the coming months
Project Risk	Amber	Amber	Initial stages of the project will lie heavily with the community.

**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 of the project scope.

A final community workshop has been arranged on the 12<sup>th</sup> of October to finalise the priority activities within the Reserve Management Plan.

This will be relayed back to the Project working Group and final sign off of the project funding scope is now expected by 23<sup>rd</sup> of October.

This will be then fed into the delivery team, a small adaptation made to the Project Execution Plan to ensure coherence across the scope and procurement of design specialists will commence.

The project delivery team will in the meantime commence drafting of the required procurement plans in anticipation of receiving the finalised scope.

Key Project Risks	Mitigation of Risk
Funding Security	Funding commitment signoffs
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	Appointment 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	In progress	Slight delay, due in October
Developed Design	Nov-Jan 2020		
Detailed Design	Jan 2020 – March 2021		
Procurement	Feb 2021		
Construction	April 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. Commenced. Innoflow modular system is preferred and a paper has been completed for procurement board review. Innoflow are offering a November construction window which will mean delivery will meet initial target. MBIE funding claim has been prepared.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	Barfoote Construction have commenced construction. Completion originally in November may now come forward and be completed in October. MBIE funding claim has been prepared.
2	Pungaere Road Seal Extension	Approved. Funding agreement pending	MBIE agreement has been executed by FNDC and MBIE for signing. Procurement plan has been completed. It has been proposed to co-ordinate the delivery process through the Externally Funded projects team and NTA to enable management of roading resources across the 4 major road projects that all have similar timelines. Initial investigation/Design is underway. Pending procurement approval
3	Cable Bay Carparks	Approved. Funding agreement pending	MBIE Funding agreement has been executed and received September. Delivery plan to be developed based on agreement schedules.
4	Taipa Beach Pohutukawa Protection	Approved with Funding Agreement	Arborist report has been received and a program of remedial work proposed. RSL are pricing remedial work program
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)	Approved with Funding Agreement	Quotes have been received for options to repair Anchorage drainage issue and for shower installation. Proposed completion in October
6	Stone Store Lighting	Approved with Funding Agreement	Second co-ordination meeting held with Heritage NZ and a lighting designer has been recommended to provide a lighting plan. Designer is locally based and requires onboarding with FNDC prior to commencing design.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Report outline drafted and meetings are scheduled in October with FNDC Strategy team to co-ordinate data support. Responsible funding application submitted to MBIE using supporting data from this research received \$249k. Extension from MBIE until June 21 to enable review of the impact on Covid-19 on the camping demand etc.
8	District Boat Ramp Operational Plan Study Grant	Approved with Funding Agreement	Future options and GIS integration currently underway, Upgrade options discussed with FNHL including formulae and data for costings. Supporting data made available for FNDC and FNHL funding applications and decision making as required,

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

### Round 5 March 2020 TIF Applications

Options for Round 5 submission have been finalised and will go to the Infrastructure Network Committee for ratification in due course. *Note: Round 5 has been postponed by MBIE due to Covid-19.*

#### Update from MBIE as at 20 July 2020

*With the advent of COVID the TIF was put on hold and as yet no decision has been made as to whether or when the next round will take place. We will advise councils when this has been decided.*

*I am not able to be more specific, sorry.*

**Karen McGregor** | Principal Investment Co-ordinator | Investment Management & Performance | Tourism Branch | Ministry of Business, Innovation and Employment | 15 Stout Street, Wellington | Tel: 04 896 5301

**Round 5 Proposed Applications**

	<b>Project</b>	<b>FY</b>	<b>Community Funded</b>	<b>FNDC</b>	<b>MBIE</b>	<b>Total</b>
<b>1</b>	SMART CITIES: Smart Lighting (Wifi)	2020/21		\$ 143,313	\$ 143,313	\$ 286,626
<b>2</b>	SMART CITIES: Smart Bins	2020/21		\$ 53,763	\$ 53,763	\$ 107,525
<b>3</b>	Lake Manuwai Toilet	2020/21		\$ 81,840	\$ 81,840	\$ 163,680
<b>4</b>	Te Paki Stream Road Seal	2021/22		\$ 1,086,371	\$ 1,086,371	\$ 2,172,742
<b>5</b>	Paihia WWTP	2020/21		\$ 390,762	\$ 390,762	\$ 781,524
<b>6</b>	Awanui Reserve-SH10 Access	2020/21	\$ 33,000	\$ 61,875	\$ 94,875	\$ 189,750
<b>7</b>	Toilet Infrastructure Response Study Grant	2020/21		\$ 55,000	\$ 55,000	\$ 110,000
			<b>\$ 33,000</b>	<b>\$1,872,924</b>	<b>\$ 1,905,924</b>	<b>\$ 3,811,847</b>

# 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

As has been reported over the last few months there has been limited progress due to resourcing commitments into operational and strategic priorities e.g. LTP. Of the four work streams, system development remains on track but the other three namely data, analytics and transformation are delayed by varying degrees. Having said that initial work on data through supply chain engagement has commenced. Analytics needs real and accurate data to progress its development and the system needs more operating experience to shape the organisational transformation required to realise the full programme outcomes. A detailed status report is currently being prepared for November release.

## □ Programme Vision

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

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

## ← Status Indicators

<b>Overall</b>	→	Limited progress due to resourcing commitment to other FNDC matters. System workstream remains on track and initial work on data supply chain engagement has commenced
<b>Benefits</b>	→	Benefit realisation overview included in LTP narrative.
<b>Capability</b>	→	Issues remain with project delivery resourcing across the project team including assets SME's, IT project support and supply chain capacity to support project inputs.
<b>Leadership</b>	→	Programme leadership has been strengthened but there remains a need to foster greater activity and/or task leadership.
<b>Budget</b>	→	Currently within forecast
<b>Roadmap</b>	→	Roadmap has been updated.
<b>Risk</b>	→	No change

## ← State of Play

Last Month	Next Month(s)
<ul style="list-style-type: none"> <li>Limited significant change in status as assets staff committed to LTP and related project initiation (scope) processes.</li> <li>A number of programmed actions across non system workstreams still to be completed including:               <ul style="list-style-type: none"> <li>Review AMS blueprint with stakeholders and project team.</li> <li>Document UAT requirements for AMS.</li> </ul> </li> <li>Strategy for delivery of condition survey works has been developed and the working draft of the procurement plan prepared.</li> </ul>	<ul style="list-style-type: none"> <li>Engagement with all data supply chain partners e.g. Far North Waters on system detail and long-term vision including their use of the system and field technology.</li> <li>Stakeholder workshop to debrief on culture survey results and Field Force recommendations along with development of impacts to the roles &amp; responsibilities and competency.</li> <li>Update report for SLT</li> </ul>

## ← Programme Workstreams

Name	Type	Status	Programme Comment
<b>INFOR</b>	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.
<b>Asset lifecycle</b>	Operational	→	Work on LAMP continues noting that non trial (digital) version will not be complete until the start of 2021. The non-digital version will however support the LTP requirements. Status updated to reflect revised timeline.
<b>Data &amp; analytics</b>	Improvement	→	Condition surveys yet to start.
<b>People &amp; culture</b>	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	Green	Programme plan agreed
Define Stage completed	31/03/20	1/02/21	Yellow	Operational demands on project resources along with discovered issues relating to data and data access have delayed until we have condition data and working system environment.
Execute Stage completed	30/06/21		Green	Different projects & workstreams will deliver at different times over a 2-year timeframe. A fully operational system (without fully populated data and developed functionality) will be operating by December 2020.
Product Review Stage completed	30/06/21		Green	Reviews will take place as each project is completed; however overall review of programme is scheduled Apr – Jun 2021

## ← 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 been limited.	1	Will need additional resource and funding to resolve. Update report to present resolutions.	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
10	Engagement with data supply chain stakeholders e.g. Far North Waters – due to the drought and Covid-19 this has been delayed.	Possible	Major	Stable	Meetings are being scheduled with data suppliers.	Tony McCartney	6/11/20
11	Programme constraints may lead to an adjusted risk profile.	Possible	Major	Stable	Status report and mitigation framework presented. Full programme lifecycle programme update by November 2020.	Tony McCartney	14/08/20
12	Overall programme strategy and outcome environment ill defined.	Probable	Major	Decline	Programme Manager to redefine benefits realisation and programme strategy.	Tony McCartney	14/08/20

# 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.

## EXCECUTIVE SUMMARY

In the month of September, the Infrastructure Planning team progressed work on a number of key projects including the wastewater discharge consent programme, DIA three water reforms, Paihia network model upgrades and Kerikeri Water Supply Strategy.

The Infrastructure Planning team is also supporting the Compliance Lead with their reporting and programme of improvement works.

Work on the 30 Year Infrastructure Strategy continues on programme and the wider team is supporting the Long-Term Planning process where needed including the Capital Programme development.

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
<b>Strategies / Plans / Policies</b>							
District Transport Strategy		●	●	●		FY19/20	Peer review of the draft Integrated Transport Strategy Programme Business Case is complete. The Independent reviewer found the PBC Fit For Purpose and has recommended to NZTA that it be approved. The PBC and Recommended Programme was workshopped with Council and it was agreed that it should be submitted in full on the understanding that it is likely to be moderated by NZTA. It has been translated into NZTA TIO Financial System Work Categories and was submitted as the first of three entry opportunities for inclusion in the RLTP. The Transport Strategy development project is now being prepared for closure and preparations have now commenced on next phase implementation planning
WWTP consent replacement programme		●	●			On-going	A programme initiation document has been approved which sets the process by which the replacement resource consent applications will be programme managed. The objective of the programme is to ensure resource consent application project is adequately resourced, prepared in accordance all relevant provisions of the RMA and the best practicable option for each consent application has been determined though the appropriate LGA financial planning process prior to lodgement. An initial planning assessment has now been finalised, which 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. Upgrade options assessments for Opononi, Kohukohu, Kaikohe and Kaitaia WWTPs are underway and will be used to inform the LTP, with the majority of that work targeted for completion in late September 2020.
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 significant infrastructure issues and associated responses are presently being drafted. The strategy is on track for an initial draft to be completed by the end of September 2020.
Proposed Regional Plan for Northland	All	●	●	●		Ongoing	The date for the Environment Court hearing for the appeal on water allocation rules has been set for the week starting 26 October. Expert evidence has been prepared and served to the Courts.
Paihia Water Strategy		●	●	●		First half of 2021	Preferred tenderers have been identified and provided with contracts to enable commencement of both of the network model upgrade projects (for the water and wastewater network models). Kick off meetings are scheduled for mid-October, and MBIE have indicated a willingness to extend the project completion dates, to allow for time lost during procurement to be regained.
Water Demand Management Plans		●	●	●		TBA	Water Demand Management Plans (WDMP) aim to identify ways a particular scheme can manage demand to limit the need to invest in increased capacity. This project has not yet commenced, however, a related project is being initiated to: 1) develop a demand forecasting methodology for FNDC's water and wastewater schemes; and 2) apply those methodologies to FNDC's water and wastewater serviced communities, to assist with asset planning and decision making. The data obtained from this demand forecasting project will assist to inform Water Demand Management Plans. An RFQ has been recently issued to a number of consultants, seeking quotes for support to develop the required methodologies. This project is also intended to support a separate report being prepared for Council regarding the potential for water tanks to improve water supply resilience.
Rawene WWTP Optioneering		●	●	●		On-going	Since the workshop with Te Mauri o te Wai the consultants have issued the final report with multi criteria analysis and order of costing. Staff have asked that Te Mauri o te Wai provide a preferred option before the end of September which will then be considered through the Long-Term Plan Process.
<b>Consent Applications/Authorisations</b>							
Taipa WWTP Renewal/Appeal		●	●	●	●	Under Appeal	<p>The Taipa WWTP discharge consent decision was appealed to the Environment Court.</p> <p>Legal counsel has been retained to support the hearing and several technical experts have been engaged for the mediation process and to provide evidence at the hearing should they be required. All parties have agreed to mediation and the commissioners for this process have been appointed.</p> <p>The requested Cultural Induction day was held on the 14<sup>th</sup> September at the Taipa Marae. The Mayor, CEO and GM (IAM) were present along with key FNDC staff and consultants supporting the appeal. The day was led and facilitated by hapu from both Taipa and Parapara. The following day (15<sup>th</sup> September) sites of cultural significance were visited and the QMRA (public health risk assessment) workshop facilitated by experts from ESR. The purpose of the workshop was to explain what a QMRA is and to obtain input from Ngati Kahu hapu on the sites and species (shellfish) of significance to be included in the modelling. The QMRA work will be completed by the end of November. Mediation will now likely to occur in December, once the QMRA has been completed, and subject to the appellants agreement.</p> <p>From a consenting perspective there is not a lot to update on. We are waiting a mediation date to be agreed by all parties including the Environment Court. We are only one party to this appeal, and we don't get to dictate the timelines.</p>
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. Current work underway to support the application includes the commissioning of a report that identifies possible upgrade options and high order costs for input into the LTP and a land disposal



Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
							feasibility study. In addition, the commissioning of an ecological assessment is being progressed. 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 request for further information has been received from NRC. Work has been procured to address the request for further information. Te Hono is assisting staff by arranging hui required to inform a Cultural Impact Assessment (CIA) which is required to support the application. It is hoped that a hui can be arranged in the coming weeks. Staff have obtained agreement from NRC to a deadline of 30 November 2020 for submission of the requested information, however it is expected that this date may need to be further extended to accommodate the CIA process. A workshop with FNDC has been undertaken to determine a preferred option that will be included for consideration within the Long-Term Plan Process.
Opononi / Omapere WWTP Renewal		●	●	●		September 2020	A final draft Cultural Impact Assessment for the discharge of wastewater to the Hokianga Harbour has been received and is expected to be complete shortly. Both the Hydrodynamic Model and the quantitative microbial risk assessment for the discharge have been completed. Staff have also obtained agreement from NRC to a new deadline of 30 September 2020 for submission of the requested information.
Puketotara surface water take (source for Kerikeri WTP)		●	●	●		August 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 Kaitia'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 Kaitia and that the concession application would be approved (or otherwise) by the new manager. The change in management has required a complete review of the application and it is understood the Manager is seeking an internal legal opinion on the drainage activity in the Kaimaumau Scientific Reserve. Once that has been received staff will continue to work with DOC to progress the concession application.
Kawakawa WTP groundwater reassessment		●				January 2021	Staff have initiated a project to review the correlation between groundwater levels in the source aquifer and the Tirohanga stream at the Kawakawa water treatment plant. If there is less of a correlation between the two sources than initially determined, then an application to reduce the residual flow requirements of the consent will be made.

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 has presented issues for the originally planned concurrent release of the draft Integrated Transport Strategy and so the ITS has been realigned to be released with the Infrastructure Strategy, this being a legislated requirement of the Long-Term Plan process. Public Consultation to start March 2021
Tai Tokerau Councils Climate Change Adaptation Group (TCCCAG)	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	The Infrastructure Planning team have recently initiated a project to develop consistent methodologies for forecasting growth in the district. Consistent growth data is information that both teams require to support projects they are working on, specifically the District Plan review, Service Area of Benefit Review, Water Supply and Wastewater Demand Forecasting, and Hydraulic network model upgrades. An RFQ to engage consultants to assist with the development of the demand forecasting methodologies is currently out with consultants.

**New Connections and FNDC Consent Review**

Activity		September 2020	YTD '20	YTD '19	
Applications for new Water and Wastewater connections		9	26	28	9 requests to connect to Council water and wastewater services were received in July 2020. Year to date Council has received 26 applications (compared to 28 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	49	171	101	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	200	455	317	IAM's consents technician input into Land Information Memorandums by completing soil reports and assessing development contributions.

## WATER TREATMENT CONSENTS

Group Chain	Expiry Date
AUT.002044.01.01 - Kerikeri WTP - Puketotara take (CON20040204401)	31/03/2020
AUT.004543 - Houhora Heads Holiday Park Water Take (CON20040454301)	30/11/2020
AUT.000880.01.04 Discharge filter backwash and clarifier sludge Paihia WTP	30/04/2021
AUT.004109 - Kaikohe WTP - Wairoro Stream Water Take	31/05/2026
AUT.004369 - Opononi Omapere WTP - Intake from Waitemarama Stream	31/08/2026
AUT.007356 Opononi Omapere WTP - intake from Waiarohia Stream Dam (CON20040735601)	31/08/2026
AUT.001862 - Kaikohe WTP - Water Take - Monument Hill and Squires Spring	31/05/2027
AUT.015992 - Kaikohe WTP Backwash Discharge (CON20061599201)	31/08/2031
AUT.025683.01 - Kaitaia WTP - groundwater bore intake (not currently being utilised)	30/11/2031
AUT.002834 - Kaitaia WTP Intake - Kauri Dam (CON20070283501)	30/11/2032
AUT.002836 - Kaitaia WTP Intake - Okahu Stream (CON20070283601)	30/11/2032
AUT.002837 - Kaitaia WTP Intake - Okahu Stream (2) (CON20070283701)	30/11/2032
AUT.005112 - Kaitaia WTP Intake - Awanui River	30/11/2032
AUT.019121 - Kaitaia WTP Backwash Discharge - Tangonge Drain (CON20071912101)	30/11/2032
AUT.007409 - Kerikeri WTP Backwash Discharge - Puketotara Stream	31/03/2034
AUT.002010 - Paihia WTP Intake - Waitangi River (CON20080201001)	30/04/2034
AUT.009559 - Groundwater sampling bores - Ahipara	30/11/2036
AUT.002031 - Okaihau bore take for Okaihau Water Supply	31/08/2049
AUT.002041 - Omanaia Rawene WTP - Water abstraction from Petaka Stream and backwash into Pioitahi Stream	1/10/2051
AUT.002478.01.04 - Take groundwater from five bores for public water supply purpose	31/05/2053
AUT.004847.02.02 - Discharge contaminants to land from a clarifier and filter backwash water settling tank, Kawakawa Supply	31/05/2053
AUT.004046.01.03 Kaikohe WTP Water Take - Taraire Hills (Wairoro Stream)	30/06/2053
AUT.040878 Smoothy Road Bore - Opononi/Omapere	31/12/2055

## WASTEWATER TREATMENT CONSENTS

Group Chain	Expiry Date
NLD 96 4007 (01 - 03) Taipa WWTP	30/11/2008
AUT.003839 Kohukohu WWTP (CON20010383901)	31/08/2016
AUT.002667 Opononi WWTP (CON20070266701)	31/08/2019
AUT.002417 Kaikohe WWTP (CON20100241701)	30/11/2021

Group Chain	Expiry Date
AUT.00932 - Kaitaia WWTP (01 to 03)	30/11/2021
AUT.030602.01.02 Kaitaia WWTP sludge storage facility	30/11/2021
AUT.001168.08 and 09 Kawakawa WWTP Sludge Disposal	30/06/2022
AUT.007205 Kaeo WWTP (CON20100720501)	31/10/2022
AUT.007399 Hihi WWTP (CON20100739901)	30/11/2022
AUT.002577 Rawene WWTP (CON20080257701)	31/10/2023
AUT.008339.01.03 Russell WWTP (01-02)	30/04/2024
AUT.007203 Whatuwhiwi WWTP (CON20110720302)	30/11/2025
AUT.016330.02.02 Paihia WWTP sludge disposal	30/04/2029
AUT.002635 Rangiputa WWTP (CON20070263501)	30/11/2032
AUT.003775 Ahipara WWTP	30/11/2033
AUT.001108 Paihia WWTP	30/04/2034
AUT.001168 Kawakawa WWTP (CON20090116801)	30/04/2036
AUT.0004111 - Kerikeri WWTP Discharge (01 02, 05, 06)	3/09/2036

# 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

















The following key activities have been under way:





- Clearing backlog of annual compliance reports.
- CS-Vue consent condition allocation and access profiles being reviewed.
- Review of compliance equipment and compliance metrics
- Logbook review against consent requirements
- Operations data requirements and review of vendor capable applications to be developed into a business case.

## Summary of Abatement Notices

Location	Asset	Asset Type	Non-Compliance	Action Underway
	Kerikeri Sports Complex		<ul style="list-style-type: none"> <li>Issued Dec 2016</li> <li>Breach of discharge consent limit for wastewater discharge amount</li> </ul>	No breaches of discharge volume since November 2018. Plumbing repairs, meter calibration and maintenance undertaken. Cancellation of abatement will be requested when the new Compliance Lead has been appointed.
	Mangonui Handrail		<ul style="list-style-type: none"> <li>Abatement notice issued May 2018</li> <li>Erection of a safety rail on the Mangonui boardwalk required</li> </ul>	As agreed by NRC, 80m of handrail installed in September 2018 in high risk area. Consent issued for boardwalk improvements.
	Kaitiaki Recovery Centre		<ul style="list-style-type: none"> <li>Abatement notice issued Nov 2018</li> <li>Stormwater runoff from bins at site may contaminate waterway</li> </ul>	Interceptor / oil separator have been installed. Waiting on inspection from NRC and if satisfied a request will be made to cancel notice when the new Compliance Lead is appointed.
	Opononi WWTP		<ul style="list-style-type: none"> <li>Abatement Notice issued Apr 2016</li> <li>Plant evidencing non-compliance with E.Coli limits</li> </ul>	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. 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.
	Kaitiaki WW Network		<ul style="list-style-type: none"> <li>Abatement notice issued Apr 2016</li> <li>Unconsented network overflows</li> </ul>	Screens have been installed at overflow location and programme of work underway to reduce frequency of overflows.
	Paihia WWTP		<ul style="list-style-type: none"> <li>Abatement Notice issued Oct 2016</li> <li>Breaches in ammonia ongoing</li> </ul>	Paihia WWTP upgrade project completed. <b>Abatement notice cancelled on 10 August 2020 (remove in next report)</b>
	Russell WWTP		<ul style="list-style-type: none"> <li>Abatement notice issued Mar 2017</li> <li>Intermittent breaches in E.Coli</li> </ul>	Various upgrade work undertaken during 2018/2019, plant compliant for several months however November, evidenced non-compliance due to operator error during process upgrade. E.coli on-compliances also in March and June. Waiting on investigation and report to determine cause.
	Ahipara WWTP		<ul style="list-style-type: none"> <li>Abatement notice issued Mar 2018</li> <li>Non-compliant leachate volume to pond from Ahipara Landfill.</li> </ul>	Pump controller upgraded 2019 however slight exceedances of consent limit have still occurred occasionally. Continue monitoring.
	Kawakawa WWTP		<ul style="list-style-type: none"> <li>Abatement notice issued Feb 2020</li> <li>De-sludging activities by Conhur (contractor) not compliant with consent conditions</li> </ul>	Following the issue of the notice NRC monitoring officer met with Conhur and FNW on site to discuss the non-compliance. Conhur subsequently pegged the max sludge height to avoid exceeding the 200mm freeboard. Contractors are now aware of the conditions of consent relating other de-sludging activity. NRC satisfied the compliance issues have been resolved and no further action is required.
	Kerikeri WWTP		<ul style="list-style-type: none"> <li><b>Abatement notice July 2020</b></li> <li>Non-compliance with wastewater discharge criteria</li> </ul>	Kerikeri WWTP required to be commissioned and operating on/before 30 November 2020 to meet requirements of this abatement notice.

Sites	Asset Group	September Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kaitaia					Condition 7 -Unaccounted for water loss	<ul style="list-style-type: none"> <li>Condition 7 (AUT.005112) – Zonal Plan to address unaccounted for (treated) water loss in place starting with 3 months of zonal monitoring. A leak detection program will be developed from results of monitoring to address Unaccounted for Water Loss (UWL).</li> </ul>
Kaikohe					Compliant	
Kawakawa					Compliant	
Kerikeri					Compliant	<ul style="list-style-type: none"> <li>Kerikeri river intake flow meter replaced.</li> <li>Kerikeri Irrigation flow meter replaced.</li> </ul>
Okaihau					Compliant	<ul style="list-style-type: none"> <li>Incident Occurred on 22<sup>nd</sup> September. Connection direct from WTP caused contamination resulting in turbidity issues at the plant leading to a shut down. Backflow prevention has been installed to prevent this from happening again.</li> </ul>
Opononi					See Comments	<p><u>Waiarohia Stream take:</u></p> <ul style="list-style-type: none"> <li>Condition 8 – Reinstatement of gravel on stream bed. Planning underway.</li> <li>Condition 2 – Residual flow found below 14 L/s from 12<sup>th</sup> – 17<sup>th</sup> of September.</li> </ul> <p><u>Waiotemarama Stream take:</u></p>
Paihia					Compliant	
Rawene					Condition 12 – Volume supernatant discharged to Pioitahi Stream	<ul style="list-style-type: none"> <li>Omanaia WTP resource consent meeting held between FNDC, NRC, and Far North Waters Alliance on 8<sup>th</sup> October.</li> <li>High turbidity in part of the network still.</li> <li>‘No Flow Meter’ on discharge to Pioitahi Stream in Omanaia WTP logbook. Consent mentions a calculation could be used rather than a meter for compliance purposes. This is to be reviewed in the upcoming resource consent meeting.</li> </ul>
Russell					Compliant	
Ahipara		X			Condition 10 – Faecal Coliforms Condition 2 - Leachate	<ul style="list-style-type: none"> <li>Faecals on 16/09/20 at 3,800 c/100mL which is a significant drop from last month's 20,000. Due to previous results the Med12 limit of 5,000 c/100mL and the 90-percentile limit are still being exceeded.</li> <li>Inter stage testing commenced on 13<sup>th</sup> July 2020. Weekly schedule sampled from inlet, constructed wetland and the final discharge point. Results to be investigated by process engineer.</li> <li>Leachate flow above limit of 10 m<sup>3</sup>/d on 1<sup>st</sup> of September at 11 m<sup>3</sup>.</li> <li>DWF Status: Inflow data has not been received and therefore cannot be used in the ADWF calculation. Using the outflow from the constructed wetland results in compliant levels of DWF.</li> </ul>
Hihi					Compliant (see flow meter)	<ul style="list-style-type: none"> <li>Project to upgrade plant is in initiation stage.</li> <li>Hihi wetland out flow meter OOS – Replacement ongoing, delayed due to urgent work on lake Omapere.</li> <li>DWF Status: Consent requires use of flow meter on outlet of constructed wetland which is currently being replaced. For the purposes of September, the outflow from the WWTP system was used which calculated compliant levels of DWF.</li> </ul>
Kaeo					Compliant	<ul style="list-style-type: none"> <li>DWF Status: Compliant</li> </ul>

Sites	Asset Group	September Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kaikohe					Condition 7(h) – E.coli	<ul style="list-style-type: none"> <li>CWL outflows from meter continuing to be unreliable despite a new V notched wear plate fitted late May. Investigation continuing with specialist.</li> <li>DWF Status: Consent requires use of flow meter on outlet to unnamed tributary which is having software issues. For the purposes of September, the outflow from the WWTP system was used which calculated compliant levels of ADWF.</li> <li>E. coli med20 difference for DS-US non-compliant. Med20 of 90 MPN/100mL where limit is 50. Period of July – August. Samples finished 09/09/20.</li> <li>High levels of E. coli currently being investigated by process engineer.</li> </ul>
Kaitaia		X			Compliant	<ul style="list-style-type: none"> <li>Kaitaia wastewater network improvement plan (overflow project) has been completed and awaiting adoption. NRC will be kept updated on progress.</li> <li>DWF Status: Compliant</li> </ul>
Kawakawa					Compliant	<ul style="list-style-type: none"> <li>E. coli log difference at 1.1 for DS:US on 21/09/2020. Consent requires no adverse effect to E. coli levels downstream of the discharge point. If issue persists then it shall be investigated.</li> <li>Inflow Levels: compliant</li> </ul>
Kerikeri		X			Condition 8 – TSS, CBOD, TAN, E.coli and TN exceeded Condition 9 - TAN	<ul style="list-style-type: none"> <li>Ex UV limits for TSS, CBOD, TAN, E.coli and TN exceeded for July which is consistent with previous months.</li> <li>Abatement notice received to have new WWTP operating by 30/11/20.</li> <li>Phase 3 and 4 of commissioning in progress. Practical completion set for 28<sup>th</sup> September depending on the results of phase 4 testing.</li> <li>Kerikeri Ponds inflow meter OOS - waiting on PO from FNDC + 3-4 weeks</li> <li>DWF Status: Compliant</li> </ul>
Kohukohu					Compliant	<ul style="list-style-type: none"> <li>Scheduled for quarterly monitoring. Next scheduled: October.</li> <li>Inlet flow meter failed on 2<sup>nd</sup> September, waiting on repair. Not required flow for ADWF.</li> <li>DWF Status: Compliant</li> </ul>
Opononi		X			Condition 19 – TAN, E.Coli.	<ul style="list-style-type: none"> <li>At NRC site 101580 TAN levels at 35 g/m<sup>3</sup>. This, alongside past results cause med12 (30 g/m<sup>3</sup>) to be breached.</li> <li>At NRC site 101580 E.coli levels are 3019.5 MPN/100 mL. Rolling med12 limit (3000 MPN/100 mL) is being exceeded.</li> <li>An upgrade to plant is required to address exceedances in TAN and E.Coli. An issues and options report have been commissioned which has identified recommended upgrade options. The next step is to identify the preferred upgrade strategy to support the consent renewal application.</li> <li>DWF Status: Compliant</li> </ul>
Paihia			X		Condition 9 – NH4-N	<ul style="list-style-type: none"> <li>Inlet flow meter failed, waiting for repair. Switch to outlet flow meter for ADWF calculations.</li> <li>DWF Status: Compliant</li> <li>Max number of exceedances breached for NH4-N. Three breaches on 06/07, 17/08, and 22/09 above the 90-percentile limit of 4 g/m<sup>3</sup>.</li> <li>Short-term solution plan underway to bring ammonia levels down.</li> <li>EAC.067129.01 Abatement notice (2016) cancelled</li> </ul>
Rawene					Compliant	<ul style="list-style-type: none"> <li>The two anaerobic ponds require desludging - if this work continues to be deferred there is a risk of non-compliance.</li> <li>Software issue resulting in flows not being available from 12<sup>th</sup> – 30<sup>th</sup> September. Has been resolved as of October.</li> <li>DWF Status: Cannot demonstrate compliance from 12<sup>th</sup> to 30<sup>th</sup> of September.</li> </ul>

Sites	Asset Group	September Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Rangiputa				●	Compliant	<ul style="list-style-type: none"> <li>Scheduled monitoring every 4 months. Next scheduled: September.</li> <li>DWF Status: Compliant</li> </ul>
Russell				●	Condition 9 Condition 8	<ul style="list-style-type: none"> <li>Condition 9 - Report on monitoring and infiltration efficiency overdue. Monitoring needs to be done over summer.</li> <li>Monitoring bores restoration underway. Contractor being set up with Ventia's system and will begin clearing the bores shortly.</li> <li>Condition 8 – Land instability report due in May. To be escalated.</li> <li>Outflow Levels: Compliant</li> </ul>
Taipa				●	Condition 2 – Faecal Coliforms, DO	<ul style="list-style-type: none"> <li>Scheduled monitoring every 3 months. Next scheduled: November.</li> <li>Continuing to operate under old RC conditions until EC appeal resolved.</li> <li>ECB Taipa out flow meter OOS - expected replacement date 14/8/2020</li> <li>DWF Status: Compliant</li> </ul>
Whatuwhiwhi				●	Condition 8 – TSS	<ul style="list-style-type: none"> <li>TSS level found non-compliant at marsh discharge point (NRC site 105629) for med12 – variation to TSS consent limit added to Infrastructure Planning Work Plan.</li> <li>Outlet natural wetland (NRC site 104461) deemed inaccessible since December 2019.</li> <li>DWF Status: Compliant</li> </ul>

1. TAN - Total ammoniacal nitrogen
2. TN – Total nitrogen
3. DO – Dissolved oxygen
4. TSS – Total suspended solids
5. BOD – Biological oxygen demand
6. MAV – Maximum acceptable values
7. THM - Trihalomethanes
8. TP – Total Phosphates





# ASSET MANAGEMENT

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

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

## EXECUTIVE SUMMARY

September has been another busy month whereby focusing on key factors such as;

- 3 Waters and District Facilities Long-Term Plan (LTP) Workshops coming up through August to October 2020
- Asset Management Plan (AMP) for 3 Waters (3W) and District Facilities (DF) – due November 2020
- Implementation of the new Asset Management System (AMS)
- Water Safety Plans to align with the new Drinking Water Standards NZ
- FY20/21 Capital Works Programme and scope delivery thereof
- Key projects
- Business as Usual (BAU)

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
<b>Strategies / Plans / Policies</b>							
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). <b>(Please refer to Programme Darwin section for further details).</b>
Asset Management Plans (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 November 2020 for audit.
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 have commenced planning for the FY21/31 LTP. 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 provided by December 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	●	●			FY20/21	Consulted with Audit, Risk and Finance and a process is being drafted by them to aid with this. Other parts of Council i.e. SPP, Legal and Finance will be consulted in due course.
<b>Asset Identification / Condition Assessments</b>							
Prioritised Scheduled Asset Condition Assessments	All	●	●			FY21/31	A 10-year programme has been developed which amounts to a total spend of \$9mil over 10 years. Approval through the Annual Plan for FY20/21, and additional \$1 mil over the next year (FY20/21) has been provided to carry on with this programme.
Inventory Assessment - DF Assets		●	●	●	●	Ongoing	n/a
<b>Project Pipeline – Initiations - Includes planning, feasibility studies, options assessments, business casing etc. before handover for Project Delivery</b>							
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 December 2020.
East Coast (Taipa) WWTP		●	●			FY20/21 – FY21/22	Plant evidencing non-compliance with resource consent. Initial upgrade and disposal options assessment undertaken, further assessment and consultation required. And, due to the current appeal we don't know what this will entail at this stage. <b>Refer to Taipa WWTP Renewal / Appeal under Infrastructure Planning section above.</b>
<b>Other</b>							
Asset Management System	All	●	●	●		FY20/21	Full operational use of INFOR won't be possible until December 2020 <b>(please refer to Programme Darwin for full details).</b>
Stormwater modelling requirements		●	●			FY20/21 – FY21/22	As per the SW Catchment Management Plan (CMP) strategy, the models for SW will take in excess of 2 years for full implementation updates.
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 (September 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

September proved to be extremely busy with increasing tree issues, individual / community requests and on-going issues as a result of changing weather events.

The Te Tai Tokerau Worker Redeployment funding initiative is tracking well with six people currently employed by RSL and am being deployed to assist with the broadleaf spraying programme.

Many of the RFS's received are needing extensions to their timeframe as a result of investigations needed and the availability of appropriate contractors, reflecting what appears to be a busy time for many. Many RFS's also reflect the increasing maintenance needs due to fair wear and tear reflecting an aging asset.

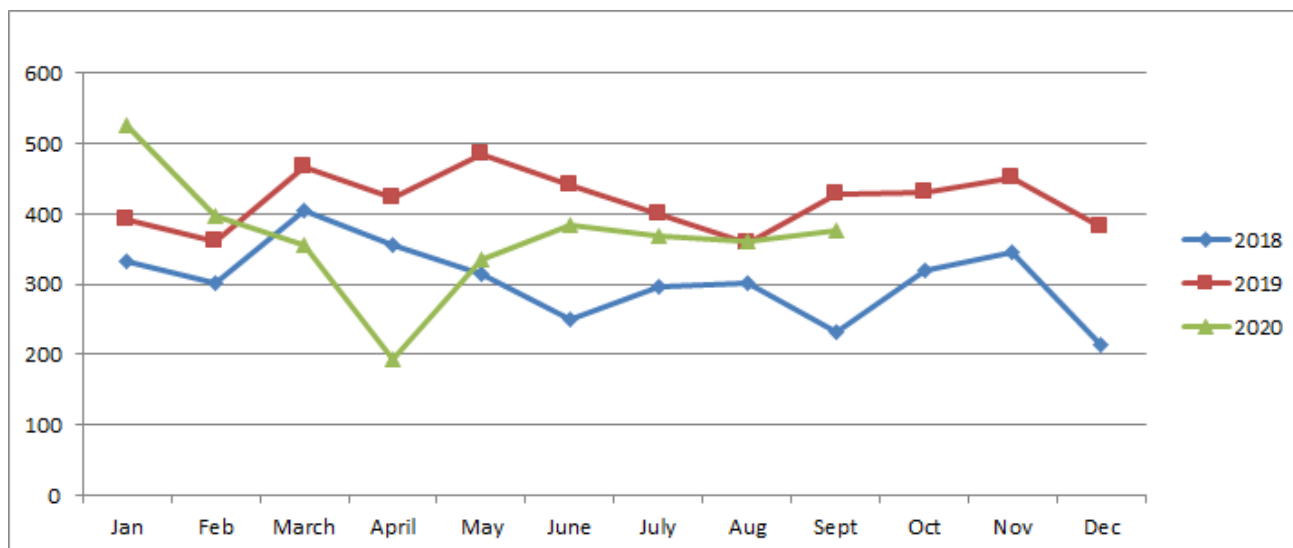
Catch up on the winterisation programme has started to ensure the swimming pools are open on time and filled before any water restrictions come into place.

Council continues to receive a number of complaints concerning possible encroachment issues into and on Council land, mainly reserves.

## 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				3299



District Facilities – Monthly RFS numbers

## HEALTH AND SAFETY

### Recreational Services

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

#### Vehicle Machinery near miss:

- Operator travelling along Waipapa Road, where a vehicle shot out in front of the vehicle.
- Operator drove vehicle into the depot, left tail of truck sticking out of the roller door so the water could drain from having washed the truck. Drove truck inside the depot, lifted hoist, roller door was  $\frac{3}{4}$  way up, digger spade caught roller door.

- Leaking fuel filter in truck, parked truck over the top of absorbent material to capture leaking fuel.

### Waste Management (Southern RTS)

ACCIDENT TYPE	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sep '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	4	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	1	0	0	0	0	0	0	0	0

### Northland Waste (Northern RTS)

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

#### Non-serious harm:

- Forklift moving a cardboard cage hit a wall causing minor damage

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

ACCIDENT TYPE	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sep '20
Near Miss	1	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

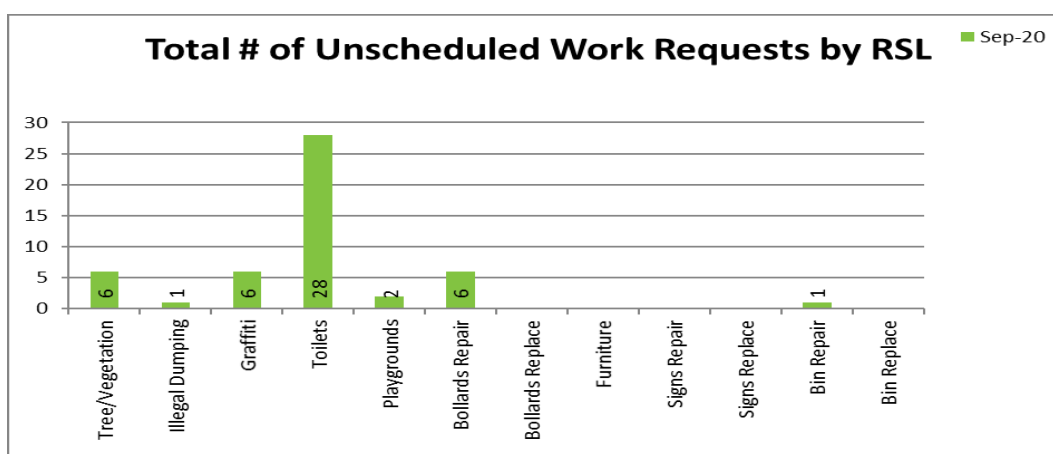
### CBEC Eco Solutions (Waste education contract)

ACCIDENT TYPE	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	April '20	May '20	June '20	July '20	Aug '20	Sep '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

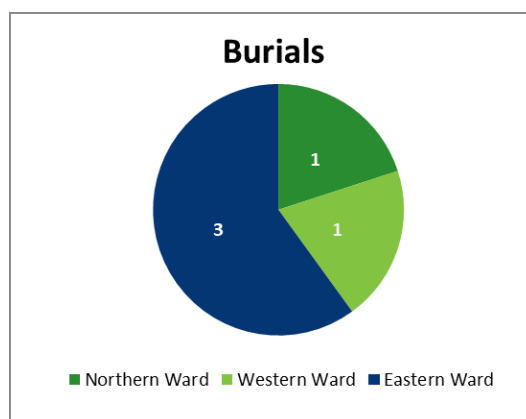
### CBEC (Swimming Pools - Kaitaia, Kaikohe and Kerikeri)

Kaitaia, Kaikohe and Kerikeri pools are currently closed currently – no HAS issues.

### RECREATIONAL SERVICES



Number of unscheduled works requested by RSL

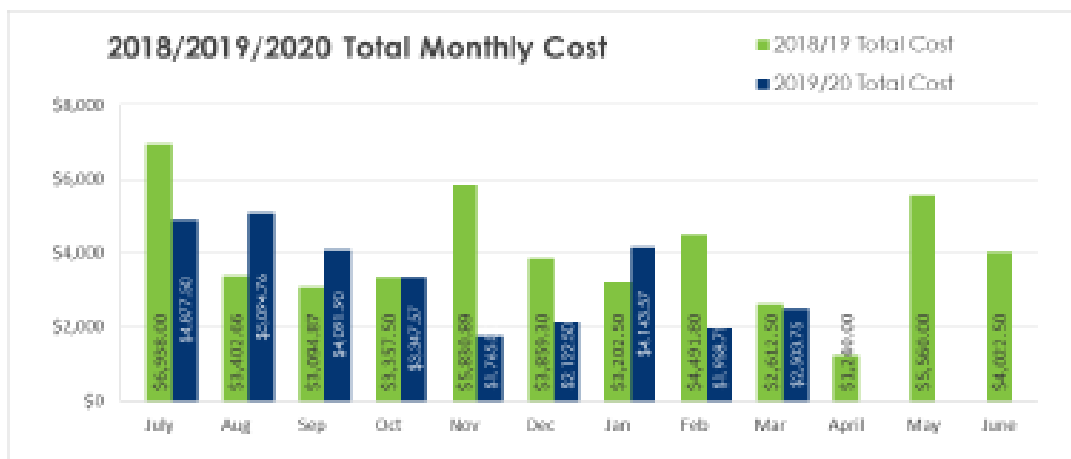
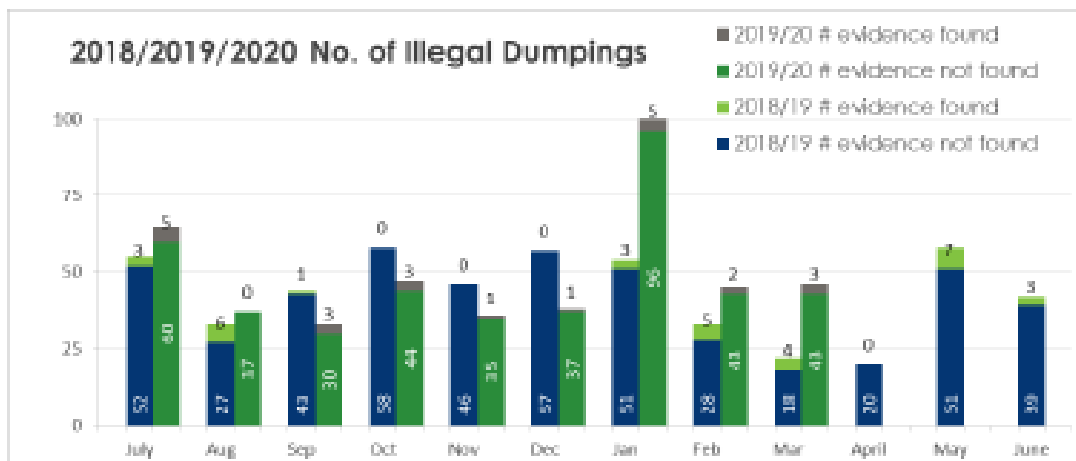


Number of burials at Council public cemeteries

Location	Jan '20	Feb '20	March '20	April '20	May '20	June '20	July '20	Aug '20	Sept'20
Kaitaia Transfer Station	167.75m3	97.45m3	56m3	NA due to COVID-19	NA due to COVID-19	103.4m3 13 bags 23 tyres	98.75m3	72.675m3 4 bags	43m3
Whitehills Transfer Station	222.19m3 & 380kg	129.44m3	66.9m3			122.23m3 33 bags	104.4m3	115.84m3	130.6m3
Kaikohe Transfer Station	144.39m3 & 3020kg	83.2m3 & 3450kg	54.12m3 & 1910kg			79.9m3 3300kg	46.4m3 18 bags	36.2m3 4455.20kg 1 bag	55.62m3 5810kg
Russell	14.5m3	28m3	3.5m3 & 15 bags			1.5m3	1.5m3	2.8m3	1.0m3
Kerikeri	5m3 & 42 bags					-	-	7.2m3 12 bags	76.38m3
Whangae		96.65m3	453.8m3			45.69m3	95.1m3	7.2m3 12 bags	76.38m3
Opononi			17.4m3			-	-	90.35m3	-

RSL Litter volumes disposed of at Council Transfer Stations

## ILLEGAL DUMPING



## TOWN MAINTENANCE

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

Table 1: YTD audit results

September 2020 AUDIT DETAILS	Met	Not met	Non-performance notice	Not met comments
Reserve mowing	4			
Edge control				
Playground	1			
Cemetery				
Toilets	7			
Litter and Town Maintenance	2			
<b>CONTRACT AUDIT</b>				
Unscheduled	2			
Contract	14			
<b>TOTAL</b>	<b>16</b>			

## PARKS AND RESERVES

### Lindvart Park, Kaikohe

The installation of measures to stop access onto the park by motorbikes destroying the playing fields and grounds have been completed. Two people have been trespassed by the police as a result of damages done to the sports fields. Signage is in the process of being designed and created to ensure appropriate messaging is place in key places around the facility.

## PLAYGROUNDS

### Jaycee Park, Kaitaia

Paint and repair work finally completed on the train and safety fence removed in time for the school holidays. New footpath completed with the public able to walk through the park from South Road to Commerce Street. Repeated attacks of vandalism and graffiti to playground equipment especially the flying fox. Sadly, someone deemed it necessary to attack the flying fox with a hammer.



Jaycee Park train



## TREE MANAGEMENT

A Redwood was impacted by an adjoining retirement village development in Wendy Wood Lane, Kerikeri. The tree required vertical mulching, air spading and repairs to the damaged roots. The tree will be monitored to determine any long-term effects from the damage.

Redwood - Wendy Wood Lane, Kerikeri

The annual assessment on the iconic and historic 143-year-old Moreton bay Fig in Russell has been received. Initial findings are that the tree is not doing too well with several contributing factors impacting the tree including drought, root damage, use of herbicide and the compaction of the roots. Arbortec have been engaged and a tomographic survey is currently being planned to assess the trees structural integrity to help determine the future of the tree and options to be considered.



Historic Moreton bay fig

## CEMETERIES

No burial plots in Council managed cemeteries can be reserved until the global pandemic is declared over. The Council has taken direction on this 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 and burial plot reservations last for 60 years, effectively locking up that 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**

COVID QR codes are being rolled out to the majority of our public toilets across the district.

Ongoing problems with plumbing fixtures being stolen from toilets in the Te Hiku ward including hand dispensers, toilet seats, flush boxes etc. The main toilets targeted are located at Rarawa Park and Karora Park, Ahipara.

## **ENCROACHMENTS**

Work continues to address a number of encroachment issues across the District. Several other encroachments continue to be investigated and furthered.

Te Hue Bay – good progress is being made with the clearing of all private encroachments from the reserve and all illegal structures will be removed by 19 October 2020.

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

Six people have been employed as part of the above program and have received extensive training and been through a number of induction procedures. One of the first initiatives the new staff will be involved with is the Broadleaf and Onehunga Weed spraying program across high profile sports fields, parks and reserves.

## **SOLID WASTE**

### **FNDC Solid Waste Services**

#### **Panguru Community Recycling Centre**

Moving the Panguru Recycling Centre to the Panguru Refuse Transfer Station has been delayed due to Top Energy concerns around the closeness of the shipping containers to the power lines overhead. This was a little surprising as the original container has been there for years. We are considering options from rearranging the site, lowering the base metal or raising the powerlines.

#### **Solid Waste Contracts**

Variation agreements to extend the contracts have been signed off by all four contractors. The variation agreements and supporting documents are with the CE for signing.

#### **Kerbside Collections**

There have been a number of complaints from the public concerning Waste Management's Auckland based Call Centre. Customers ringing for information about kerbside services have been unable to obtain the correct information as their staff have been unaware of the details of the kerbside services Waste Management provides in the Far North. Waste Management's Regional Manager has been notified of this and he has:

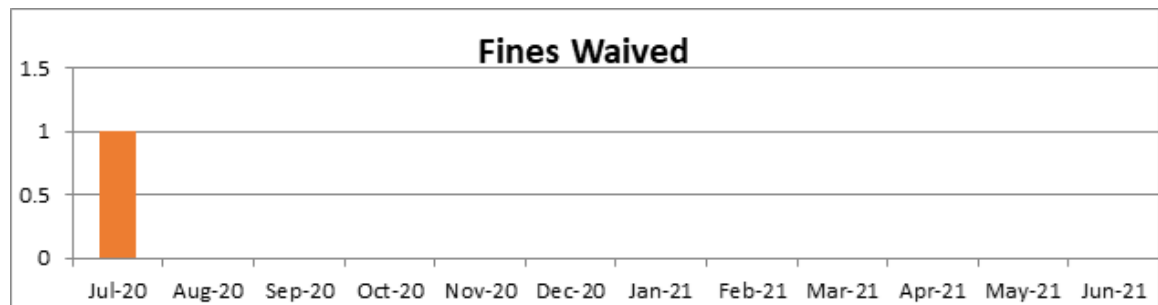
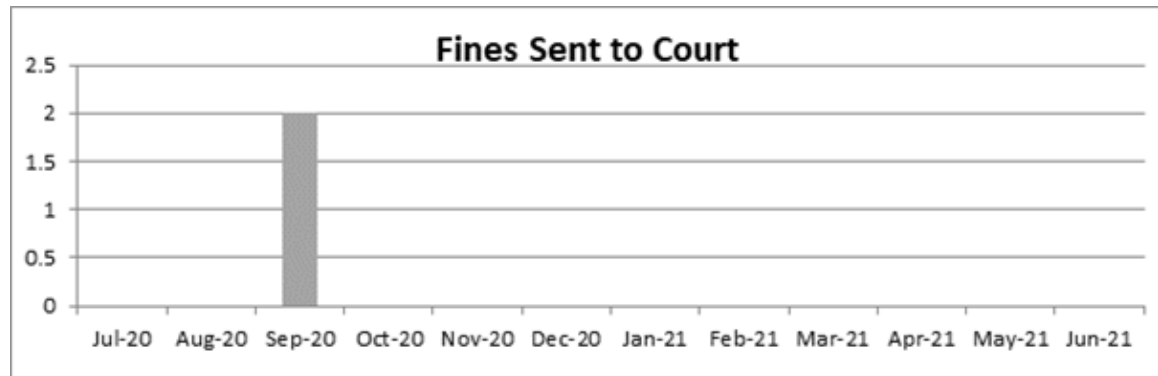
- Updated training material on the Prepaid Kerbside Service offering and associated collections days
- Identified actions in the event of a missed collection
- Outlined escalation process in the event the issue can't be resolved via the Customer Service Team

- Instigated a weekly catch up to monitor progress and address issues as required.
- Council staff will continue to monitor this situation.

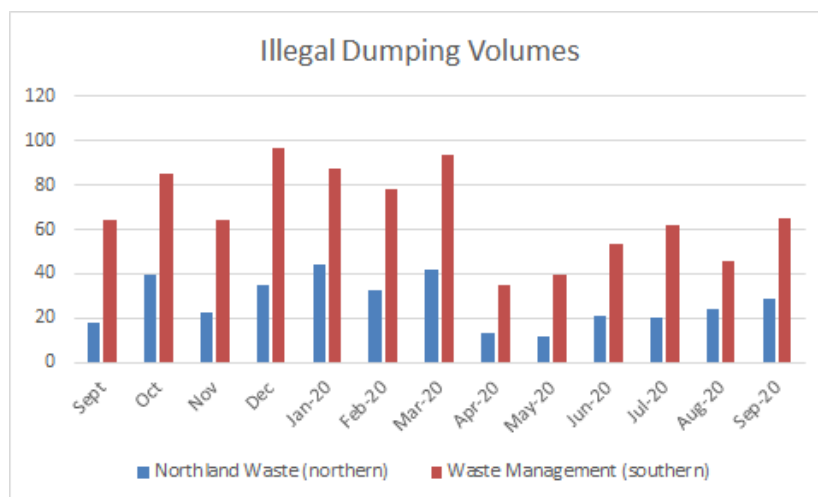
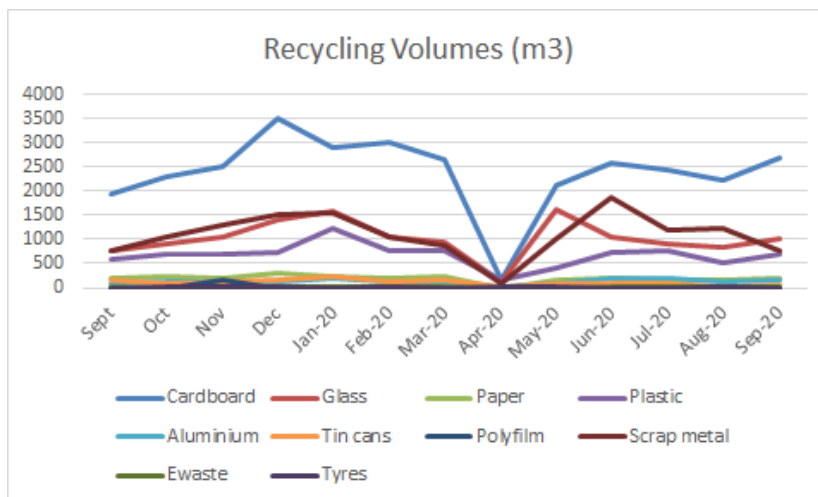
**Recycling on the Roadside**

Elected members have requested a report for the December Council meeting on ‘Recycling on the Roadside’ however this needs clarifying as to what the report must cover.

**LITTER INFRINGEMENT ACTION**



## SOLID WASTE STATS –



## SWIMMING POOLS

Work continues with the winter maintenance to ensure that the pools open in time. The COVID shut down has caused a couple of maintenance delays including bringing the pumps and pools back up to standard therefore Council has agreed to support the contractor - Hapori with the cost of several maintenance items.

### Kaikohe Pool

Progress has been made with Council and Northland College agreeing to split the costs of the leak that continues to plague the pool. The pool will be filled the weekend of 10/11 October ready for investigations to start on Monday 12 October.

### Kaitia Pool Dangerous Goods Certification

Training on the use of the SCBA is the remaining outstanding item. It is understood that on completion of the training the Dangerous Goods Certification should be achieved. Training is due to be carried out, week starting 8 October.

### COVID-19

The outstanding COVID invoice is yet to be resolved. The invoice relates to COVID costs even though CBEC at the time, were told to cease all works from 1 April. Sport Northland is also in receipt of a similar invoice and

has not paid their invoice until further evidence is provided on what the costs were CBEC incurred over this period.

### **BOI Recreation and Pool Facility**

Sport Northland, as owner of this facility continue to identify a number of regulatory requirements and have asked Council to assist financially with the cost of repairing the roof. This will be taken from the annual maintenance grant Council provides to Sport Northland.

## **COMMUNITY FACILITIES**

### **Lake Ohia Community Hall**

The hall committee is now in receipt of a recent condition assessment concerning the hall and a meeting with the Committee, Council staff and elected members will be organised once the report content has been reviewed.

### **Opononi RSA Hall**

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

### **Te Hononga, Kawakawa**

District Facilities staff are working closely with everyone involved in this project to ensure our responsibilities concerning the new toilet / shower facilities, car park and reserve are ready for opening. An agreement has been established with the Hundertwasser Trust concerning roles and responsibilities of the Council services. Yet to be confirmed is who will be mowing and cleaning the reserve and carpark. The Trust have been asked to provide a price for these works.

The existing Hundertwasser toilet continues to receive much needed work – to be completed before the opening of Te Hononga, 9 October.

### **Okaihau Hall**

Hoskin Civil will carry out a condition assessment of this site including issues with paint work that continues to bubble. The report is expected by 16 October 2020. The issue with the blocked stormwater drains have been assessed and a quote expected by 23 October 2020 which should see the stormwater drainage connected to the kerbside.

### **Rawene Hall**

Compliance work identified as part of the recent Building Fire report are progressing with the internal repairs and maintenance works have been completed this month. All other compliance work is being scoped for project delivery.

### **Horeke Hall**

One of the two asphalt netball courts situated on the community hall land have deteriorated resulting in serious cracks causing trip hazards to users and a poor playing surface. The courts were originally funded through an ASB grant and the asphalt laid directly over an existing old and cracked concrete court surface. These courts are not listed as a Council asset and the committee has been encouraged to seek alternate funding sources.

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.

### **Paihia Hall**

Works relating to accessibility requirements have been completed to ensure the site is available in September for election polling purposes.

## EcoSolutions Written Report, April-October 2020



### Classes

Online classes; we increased online content in response to COVID and in recognition that the limited contract (10 hours a week for each region in the Council district to cover events businesses and schools) resulted in less opportunities to visit isolated schools. We now have four educators in the FNDC region, some are partially funded by central government through the EcoStar Program, and extension of the Eco Star Award.

**Whakapapa of Waste;** an online student-centered learning module shared directly with all schools in Northland.

**Composting module;** shared online and directly with schools.

**Food Waste reduction videos including;** How fresh are your eggs? How to use Natural dye (beetroot juice usage). Food preservation 101. How to re-use plastic bags for freezer food storage and reduce food waste/how to make a smoothies and ice blocks from frozen excess and damaged fruit re use and grow new food from vegetable scraps, as well as how to make food sustainably.

**Reuse of non-recyclable /Paper recycling**

**We have facilitated 146 face to face classes in 21 schools throughout Northland in 5 months,**

- 6Rs and resources/making DIY cleaning products/bamboo straw making
- **Food Waste;** composting/worm farming/bokashi/ how to avoid food waste/made food using scraps/litterless lunches and beeswax wraps/propagating seeds/eco brick making/upcycle garden.
- **Recycling centre visit/reuse bags/zero waste shopping.**
- **Is this rubbish?** paper recycling/paper brick making/paper making
- **Waste Wise** introduction Classes/waste wise presentation senior council

### School Support

**Produced** a curriculum linked Student Resource with nine units covering the main teaching topics we cover in schools to increase Kaitiakitanga. <http://www.ecosolutions.org.nz/resources.html>

**Signed** on a new Waste Wise School, Broadwood Area School.

**Facilitated** major composting project for Northland College Kaikohe by brokering an arrangement for the school to pick up and process 2m<sup>3</sup> of food waste a week from Ngawha Prison. We will provide ongoing assistance for this project.

**Delivered** trees to schools under the Paper4trees program. **Purchased** recycling bins for two Waste Wise Schools. **Provided** recycling assistance to a zero-waste school event. **Built** two worm farms in a Waste Wise school. **Audited** 7 Waste Wise Schools; two golds, with three silvers and two bronze awarded; we ascertained that:

- All schools were diverting 90% of recyclable paper/mixed recycling and all toner cartridges.
- All schools had the correct bins, signage, and systems in place; some needed more bins due to an increase in the roll. We are waiting for delivery of paper 4 trees bins from China.
- Some had problems diverting staff waste and paper towels, with most paper towels going to landfill/the Fonterra milk in schools recycling has fallen over, we are providing assistance with this.
- two schools needed more paper bins/One school needed more recycling bins/One school needed a worm farm

Assistance has been provided with the problems highlighted by the audits

### Businesses and EcoStar

**Audited** seven EcoStar businesses; with 6 gold and one bronze star awarded.

**Ascertained** that:

- All were diverting 80-85% of recyclable paper/mixed recycling/toner cartridges.
- most had the correct bins, signage, and systems in place.
- some needed a staff presentation due to staff turnover/ falloff in compliance.
- Some had problems diverting staff waste and paper towels, with most paper towels going to landfill.

**Assisted** with the problems highlighted in the audits by;

- Facilitating the pickup of food waste and compostable waste from Kaitia organisations through Kaitia Kai cycle, one of our new EcoStar organisations/sending out newsletters with updated recycling info/ finding solutions for reducing nappy waste



while keeping a septic tank alive/plant and food research Kerikeri composting support/investigated launching a container deposit scheme/getting composting connection financial support/Checked recycling systems are working/toner cartridge/reuse container/takeaway container libraries are being used/promoted share waste food scrap collection in the community/assisted the collections from Ngawha prison of 12 blue barrels a week to Northland College. Facilitating MPI accreditation, and connecting stakeholders

**Received funding** for an extension of the EcoStar Program to at least 100 additional businesses in Northland over the next three years; **this requires FNDC support** with one EcoStar Waste Reduction workshop per month, spread across our region, (such as composting, textile rescue and zero waste shopping workshops); as already allowed current funding for in Community Workshops.

## Community

**Shared** information provided by the FNDC throughout the community such as

- RTS and recycling pick up information. We created Mailchimp and Canva online information regarding the RTS regulations. Shared to multiple social media sites. We also Regulated misinformation on multiple sites
- change of RTS status and recycling information campaign on changing to level 1 and back to level 2. We created Mailchimp and Canva online information regarding the RTS status and COVID- 19 regulations. Shared to multiple sites. We answered the publics questions regarding this on multiple sites

**Launched** a food waste reduction campaign; to reduce food waste through;

- Re-using apple food scraps and making it into vinegar/uses for bruised or imperfect fruit and veg/how to store fruit and veg to increase longevity.

**Posted** online zero waste workshops covering.

- make your own face mask. A video and links on making your own face mask from scrap fabric. We also made masks for the local community to show how made and motivate others to do the same/DIY medicated balm/Chalk painting workshops.

**Ran** person to person workshops on

- making your own facemasks
- making pet beds from textile waste.
- Composting and worm farming

**Supported**

- community gardens with compost, worms and propagation techniques.
- Kaitaia kaicycle with a horse pooh collection set up through timebank
- creating sustainable period kit, distributed to schools and community houses.
- free bedding and clothes distributed to women's shelter/Kaitaia budgeting and community house through textile rescue.

## Coming up

We have received approval for funding the **Community Composting Connection**, which will proceed next year. We will create eight composting hubs with the capacity to collect compostable waste, and many smaller mentored community composting hubs receiving ongoing support. This will require stakeholder support, Te Rarawa has expressed an interest.

**We will require Council support** - allowing a composting workshop to be claimed under the current contract in community workshops in each region would be a good first step, in two years we will negotiate for an investment in infrastructure to broaden the scope for commercial pick up of compostable waste.

## In Summary

We have received a lot of positive engagements regarding our sharing of a wide range of support materials and look forward to moving toward more actions supporting Zero Waste in Northland in the following months.

We have reached out to a wide range of schools and organisations offering support.

We have employed two new staff members on the FNDC contract and promoted one educator into management.

We will continue to seek out groups we can support throughout Northland to increase Kaitiakitanga and decrease waste in our region.



## 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 in the table below.

		Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
# units vacated (received for refurbishing)		4	3	0	1	2	0	1	3	1	0	1	2
	Northern:	Awanui Oxford St + Puckey Ave	Oxford St			Puckey Ave			Awanui, Oxford Street	Awanui		Puckey	
	Western:		Kaikohe		Rawene				Rawene				Kaikohe, Rawene
	Eastern:												
# unit refurbishments progressing		6	7	6	6	5	5	4	4	7	7	6	7
	Northern:	Oxford St	Oxford Street	Oxford Street						Awanui, Oxford St	Awanui (2), Oxford St	Awanui (2), Oxford St	Awanui (2), Oxford St, Puckey
	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)
	Eastern:	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	
# units completed (returned for tenanting)		5	0	2	1	2	1	0	0	0	1	1	1
	Northern:	Awanui Oxford St + Puckey Ave		Oxford St		Puckey Ave	Oxford St						
	Western:	Kaikohe			Kaikohe	Rawene					Waima	Rawene	
	Eastern:												Kawakawa

**Healthy Homes Regulations:** Council's requirements to meet these government regulations are currently being scoped for project delivery.

**Omapere Village:** HFE project delivery draft stopping, and installation of heating has a tentative start date booked for 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 Village:** Due to the ongoing failure of the water sampling at this facility, urgent remedial repairs to the existing water tanks and filtering system are underway. Replacement water tanks, which were procured as part of the recent drought response, are currently trying to be secured for this site.

**Rawene Village:** 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 Village:** Unit 1 is currently undergoing extensive urgent renewal work as a result of a significant leak within plumbing pipework.



## LEASES / AGREEMENTS

SEPT	To do	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing	Completed this month
Western	SP&P – Sept '20: Rawene Campus		Opononi Statue Agreement	JAN: Opononi Bowling Club Lease (new)	SEPT '19: RAD Lease		
			AUG '20 Northland College – Swimming Pool MOU (new)	JAN: Hokianga Coastguard Lease (new)			
Eastern	Cherry Park House – not part of the Hall Strategy / Policy, potential for an Agreement / Lease	AUG '20: Russell Sports Trust Lease (renewal)		JAN: Hokianga Treks	SEPT '20: Vision Kerikeri Wairoa Stream (Volunteer Agreement)		
	Kerikeri College – Swimming Pool MOU (review)	Sept '20: Russell Tennis Club – contacted by Club – discussing need for a formal arrangement	AUG '19: Kawakawa Memorial Library Hall Lease (renewal?)		ONGOING: Walls Bay (Doug Smuck)		
	SEPT '20: Bledisloe Domain Agreement – discussion needed with Waitangi Trust as to future use and availability.		Sept '20: Focus Paihia re Paihia Village Green: meeting being organised for Oct.	SEPT '20: Rolands Wood – waiting on signed agreement from FORWT. Matter will then proceed to the High Court to change over the Trust Deed.	ONGOING: Kerikeri Sports Complex Lease (new)		
			AUG '20: Waipapa public toilet agreement	Investigation: * Tauranga Bay – water easement Agreement (new due to expiry)	SEPT '20: Kerikeri Walking Group (Volunteer Agreement)		
Northern	FEB: Te Hiku Sports Hub land lease (on hold)	JAN '20: Te Rarawa Rugby lease (new)	ON HOLD (June): Kaitaia Saturday Market Agreement (on hold)	JAN: St Johns Ambulance Ahipara Lease (renewal)	MAY: Waiotaraire Reserve – public toilet water supply agreement (new)		
		JAN '20: Hihii Community Centre Lease (new)	JAN: Te Kao – public toilet Agreement (new)	JAN '20: Te Kohanga Reo o Houhora Lease (new)	AUG '20: FENZ Karikari 28 Maitai Bay Road (Rob Koops)		
		SEPT '20: Kaitaia Plunket Lease		FEB '20: Tumanako o Kaitaia Kohanga Reo Trust (new)		SEPT '20: APRI – Unahi Wharf Agreement (new)	
Other	Far North Holdings – property agreement						
	SP&P to do: * Paihia Village Green Management Plan						

**Volunteer Agreements:** Agreements have been sent out to several volunteer groups around the district to work on reserves and or dune restoration. Some include Vision Kerikeri, Russell Landcare, The Kerikeri Walkways group and a group led by Ngati Kawa planting the Lily Pond Reserve on Waitangi River.

**Whangaroa public toilet water supply agreement:** An agreement with the Whangaroa Marina for the water to supply 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 however due to various interest groups this is not likely in the near future. It has come to light Council is paying for the power account and although some members have agreed this should be paid by the Committee, it has been put on hold until it can be agreed who will be responsible.

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 is currently being drafted 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.



# PROVINCIAL GROWTH FUND (PGF) ROADING



## EXECUTIVE SUMMARY

September has seen the expected delivery milestones achieved, including the Early Contractor Involvement (ECI) agreement with the NTA Maintenance Contractors and the completion of Stage 1 Investigation and Design. Construction work is well underway on Peria Road. Vegetation clearance has been completed on Ruapekapeka Road with earthworks and drainage ready to start once we have Heritage New Zealand approval.

## EXECUTIVE SUMMARY and OVERVIEW

In May of 2020 FNDC applied to MBIE for funding to undertake works on strategic roads in the Far North District. On 17 June 2020 a letter was received from MBIE confirming that the full value of the FNDC application had been reviewed and approved for \$20.7 million.

Planning commenced immediately, by engaging resources to pull together contract agreements and identify any opportunities to start early pre-implementation works.

In doing so, the NTA were engaged early to undertake site investigation and testing through the maintenance contracts, and work began to produce project scopes and delivery programmes.

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.

It is proposed to deliver the Strategic Roads Priority 1 Routes package (Peria Road and Ngapipito Road) through the existing NTA Road Maintenance Contracts.

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

For the Ruapekapeka Road project, we have engaged Broadspectrum as the Early Contractor Involvement (ECI) supplier through the South Area 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. This project will be delivered with a staged construction programme, including investigation, design, enabling works and completion of the sealed pavement and associated works between the Pa site and the British camp site (600m) prior to the 175th anniversary commemoration planned for January 2021.

In addition to the seal extension works, there is also work to be undertaken on the following;

- Bridge upgrades to HPMV loading
- Intersection safety improvements on SH1, 10 and 15
- Flood investigation and improvement works

Investigations and design are already underway for this additional scope of work.

## 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 have been 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 is now due and is being processed through NZTA's TIO system.

### ► Priority 1 Roads Programme Milestones

Deliverable	Completion Date	Status
<ul style="list-style-type: none"><li>• Funding Agreement executed by both parties.</li><li>• Investigation and design underway.</li><li>• Stage 1 construction underway. Enabling works (vegetation clearing,</li></ul>	August 2020	

► Priority 1 Roads Programme Milestones		
Deliverable	Completion Date	Status
earthworks, widening and drainage) commenced before 1 September 2020.		
<ul style="list-style-type: none"> <li>• ECI agreement in place</li> <li>• Stage 1 investigation and design complete</li> </ul>	30 September 2020	
<ul style="list-style-type: none"> <li>• Stage 2 design complete</li> <li>• Stage 2 construction underway</li> </ul>	31 December 2020	
<ul style="list-style-type: none"> <li>• Stage 2 construction complete</li> </ul>	31 March 2021	
<ul style="list-style-type: none"> <li>• Final completion of surfacing MSQA reporting and monitoring paperwork</li> </ul>	30 June 2021	

► Ruapekapeka Road Programme Milestones		
Deliverable	Completion Date	Status
<ul style="list-style-type: none"> <li>• Funding Agreement executed by both parties</li> <li>• Investigation and design underway</li> </ul>	August 2020	
<ul style="list-style-type: none"> <li>• ECI agreement in place</li> <li>• Stage 1 investigation and design complete</li> <li>• Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020.</li> </ul>	30 September 2020	
<ul style="list-style-type: none"> <li>• Stage 1 construction complete</li> <li>• Stage 2 design complete</li> <li>• Stage 2 construction underway</li> </ul>	31 December 2020	
<ul style="list-style-type: none"> <li>• Stage 2 construction complete</li> </ul>	31 March 2021	
<ul style="list-style-type: none"> <li>• Final completion of surfacing</li> </ul>	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 this project 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 deliver key milestones before this event. While the short timeframe will not allow us to deliver the full scope of work for this project by this date, we are on track to complete the road sealing works adjacent to the Pa site and the intersection improvement works by December 2020. This will leave the final seal extension work and associated improvements to be completed after the commemoration event. This has been communicated to the stakeholders and they acknowledge that this would be a positive outcome.

On 28 September, representatives from MBIE, Vibeke Wright and Rose Austen-Falloon, attended a tour of Peria Road and Ngapipito Road and Ruapekapeka Road with David Clamp and Kevin Hoskin to discuss scope, risks and opportunities.

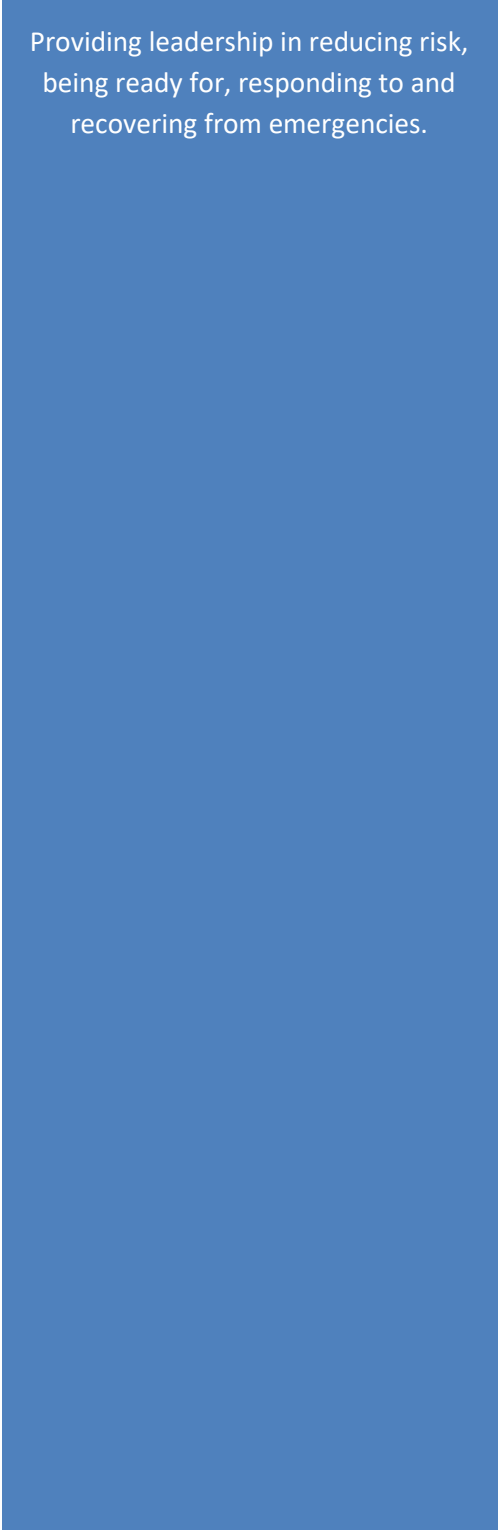
*Vibeke Wright and Rose Austen-Falloon from MBIE visiting Ruapekapeka Pa during a site visit*





# **CIVIL DEFENSE EMERGENCY MANAGEMENT**

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



## NATIONAL

The Minister of Civil Defence and Emergency Management has released a Cabinet Paper outlining proposed **changes to the CDEM Act 2002** to improve New Zealand's future response to natural disasters and other emergencies. The changes are aligned with the Technical Advisory Group review outcomes and recommendations that have been delayed in their adoption due to several emergencies over the last couple of years.

Changes include:

- clarifying roles and responsibilities
- enabling an approved provider to issue warnings and be protected from civil liability
- identifying the NZ Emergency Management Assistance Team (EMAT) in legislation and protecting its members from civil liability
- protecting volunteers from civil liability when acting under the direction of someone performing functions and duties or powers under the Act
- enabling a controller or recovery manager to operate nationwide
- Allowing CDEM Groups (Joint Committee) to meet via audio or video meetings during an emergency
- Providing that any CDEM Group can be a statutory administering authority, but have the regional council member act in that role as default
- Providing that the National CDEM Strategy does not expire until it is replaced

The National Emergency Management Agency (NEMA) have appointed a new National Controller - Roger Ball, who has a wide experience within local government and as a Group Controller for the Nelson Tasman CDEM Group for many years.

## LOCAL AND NORTHLAND CDEM GROUP

The Northland CDEM Group has completed the regions **CDEM COVID-19 resurgence plan** for alert Level 2, 3 and 4. The All of Government response required all CDEM Groups to submit their COVID-19 resurgence plans through NEMA by 18 September.

**Long Term Plan presentations** have been carried out by the Northland CDEM Group to all the region's district councils. The two priority projects for funding are a regional Joint Multi-Agency Emergency Coordination Centre and the upgrade of the regions Tsunami Siren Network.

**The Northland tsunami siren network** was tested at the start of Daylight Savings on Sunday 27 September at 10.00am. The testing is undertaken biannually to ensure the network is in good working order, a comprehensive advertising media campaign was released in the lead up to the test. Maintenance and repairs are carried out by Top Energy or North power respectively.

**The Coordinated Incident Management System (CIMS) training** courses cancelled from February onwards as a result of COVID19 have now resumed under Alert Level 1. A course was held in Kaitia in September with representatives from Police, Fire and Emergency NZ, Department of Conservation attending. A CIMS Planning and Intelligence functions training was also delivered as separate modules over two days, with further courses programmed for October and November.

**Controllers professional development** training was held on Friday 25 September. Controller development surveys were submitted by peers and direct reports assessing each appointed controllers' competencies to enable targeted professional development.

**Auckland University third year Geography students** usually visit Northland each year to investigate topics for their thesis's, however due to Covid-19 this trip was replaced by a Zoom meeting. Northland CDEM Emergency Management staff and an NRC Natural Hazards Advisor met with the students and discussed topics such as the social, cultural and political dimensions of climate change and disasters with a focus on Indigenous peoples and other social groups including people with disabilities.

**NIWA is predicting** a 58% probability of La Niña conditions for October to December. The trend is for below average rainfall to continue and the prospect of dry conditions into spring and summer. La Niña springs tend to be associated with below normal rainfall in the South Island and south and west of the North Island. This includes areas that have had lower than average rainfall in recent months and face current soil moisture deficits.

NIWA reports that winter 2020 was the warmest on record (1.14 degrees above normal average temperature) and the New Zealand Drought Index is showing dry to very dry conditions in South Canterbury and parts of North Otago unusually early. The forecast temperature is for all parts of New Zealand to be above average (high degree of confidence)

Outlook Predictions – October – December air pressure is forecast to be higher than normal to the southeast and lower than normal in the North of New Zealand. This is expected to be associated with developing La-Nina north-easterly air flows.

Rainfall is likely to be near normal in the north and east of the North Island

Later in the 3-month period, north easterly winds are expected to expose northern areas including northland to sub-tropical rainstorms.

Past la Nina events have featured a gradual trend toward wetter conditions in Northland in late spring early summer.





## APPENDICES



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









**PROVINCIAL  
GROWTH  
FUND**  
TUAWHENUA

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

## 1. Project Updates

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

<b>Project Element</b>	<b>Details of progress</b>	
<b>1. Removal of self-seeded roadside trees</b>	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.	
		
	Self-seeded trees were removed from roadsides, improving roadside aesthetics and functionality of drains and culverts.	
	Before	After
		

		
		
		
<p><b>2.</b> Roding sightline improvements and vegetation clearance</p>	<p>Due to the specialist nature of this work, the removal of roadside vegetation has been sub-contracted to Arborist360. This company was chosen because of its innovative approach to safety, efficiency and quality.</p> <p>The risks and inconveniences of traditional methods of removing trees by the roadside include:</p> <ul style="list-style-type: none"> <li>• Tree debris (pinecones and small branches) flicking onto the road causing hazards</li> <li>• Disruption to traffic</li> <li>• Limited or awkward workspace surrounding the work site</li> <li>• Requirement for night-work when traffic flows are low</li> <li>• Resources of locally available skilled arborists required for this work is largely booked until December and therefore also costly to contract.</li> </ul> <p>Arborist360 has pioneered mechanisation of tree-felling in New Zealand with the development and implementation of an automated tree removal system, Tree Mek. Tree Mek's remotely controlled knuckle boom crane allows access to awkward or confined spaces</p>	

with greater precision. The Tree Mek's saw is operated from the safety of the ground below, vastly reducing costs and risk associated with workers using cutting machinery at heights. Arborist360's Tree Mek allows us to complete this work in a timely manner, while improving safety, eliminating debris on roads and minimising disruption to traffic, thereby improving efficiency in roadside tree-removal.

**Arborist360's Tree Mek in Operation**



Arborist360 has been undertaking significant work around the SH1N/Ross Road intersection which was a high priority site given its location on the side road on the inside of a high-speed corner, and close to the termination of a passing lane. The work has involved removing trees to reduce shadowing for vehicles using SH1N and to allow customers turning out of Ross Road to have better visibility up and down SH1N.

Arborist360 have also been working around the Wooden Wheel south of Warkworth where a section of SH1N is tightly encapsulated with dense vegetation around a high-speed left-hand bend. Opening the canopy will improve lighting and improve sight distance for road users and property owners with accesses through this area.

Several site assessments are still underway to prioritise the best use of funding across the network for sight lining.

<p><b>3.</b> Roadside litter collection and clean-up</p>	<ul style="list-style-type: none"> <li>• W/c Monday 31 August 2020: 600Kg of rubbish taken from SH14</li> <li>• W/c Monday 07 September 2020: 680kgs of rubbish that was taken from SH14.</li> <li>• W/c Monday 14 September 2020: 220Kg (29 Black rubbish bags) taken from SH1 North Whakapara and 240Kg (47 black rubbish bags) taken from SH14 Dargaville</li> <li>• W/c Monday 21 September: 220Kg (24 Bags) of rubbish removed from SH14 Flowers Hill</li> </ul>
<p><b>4.</b> Removal of known Roadside hazardous trees</p>	<p><b>FNDC –</b> Puketotara Rd clearing of Macrocarpa Trees is complete.</p>



*Before*

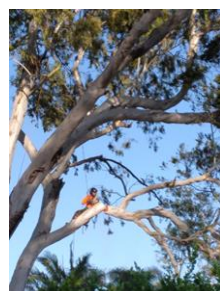
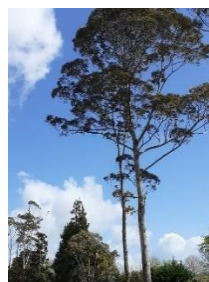


*After*

The Paiaka Rd tree has been removed. A large dead pine overhanging letter boxes at driveway entrance.



The removal of 11 large gum trees on Waipapa Rd started on Monday 28th. We have waited until the school holidays to complete this project to reduce inconvenience as this is a very busy location with high volumes of traffic and local interest. A letter drop has been done to advise residents of the planned activity. This has received a positive response and is fully supported by the residents.



**WDC**

- Trees have been identified recorded in RAMM and approved, of which 90% have been consented to by the adjacent landowners, and written agreements are in place.
- Permits and notifications are in place where applicable (Northpower and WorkSafe)
- Our contractor North End Tree Services have employed extra resources to be able to accommodate the approved program. Traffic Management staff have been employed by Fulton Hogan.
- Physical works is commencing Monday the 5th October.

**KDC**

Programming and planning of works have continued into September with works commencing on the Waihue and Paparoa Oakleigh Road Sites.

- Waihue Road – Dispatch ID 139543 - RP 1137
  - Accelerated removal of a leaning Wattle Tree was undertaken due to increased movement noticed by T8 over consecutive days whilst working in the area.



- Omana Road – Dispatch ID 97992 – RP 1246
  - Dangerous leaning Poplar tree overhanging bridge asset removed by T8 Tree services.



- Paparoa Oakleigh Road
  - Works have commenced on this site with 1 out of 12 sites completed as of COB on the 30th Sept



5. Removal of self-seeded roadside trees

**FNDC** – Spraying has commenced across the district. 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.

**WDC** – Removal of self-seeded wilding pines were undertaken this month at the following locations:

- Kerr Road / Kirikopuni Road / Kiteone Road / Nook Road / Ocean Beach Road / Ody Road / Opouteke Road / Reotahi Road / Riponui Road / Ross Road / Taiharuru Road / Takitu Road / Taraunui Road / Vinegar Hill Road / Whananaki North Road / Whangarei Heads Road - Craig Road / Whangarei Heads Road - Darkies Hill / Wright Road

**KDC** - Sub-contractors have been engaged and sites programmed. Waihue Road has been identified as a primary site of focus for the removal of self-seeded trees.

Local subcontractor Team Vegetation has been engaged to undertake a site assessment to identify the full scope of self-seeded pest plants in the area and formulate a targeted removal strategy. These works are due to commence on the 7th of October.

6. Roadside litter collection and clean-up

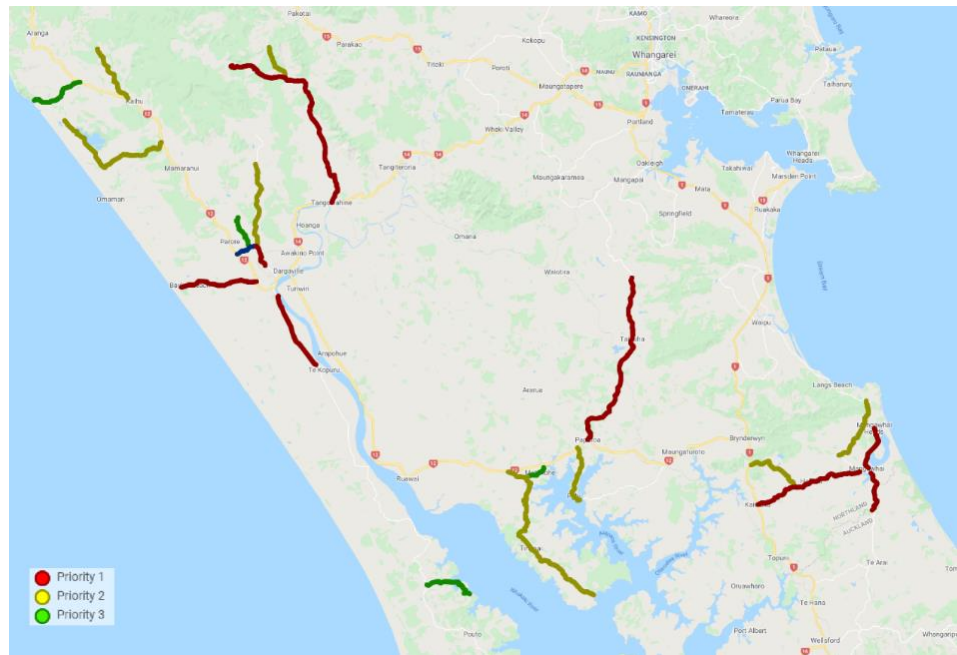
**FNDC** - The southern team have completed all but the marathon route to be held on November 21<sup>st</sup> (this will be completed prior to event). In the North roads to beaches in area on the East Coast were completed: Karikari Peninsular, Kaimaumau, Houhora Heads Mautauri Bay, Wainui Tauranga Bay, Hihi for example. As funds allow the approaches to the small towns of Broadwood, Kohukohu and Pangaru in the North Hokianga will be done to provide some social benefit to these outlying communities.

**WDC** – This month’s activity for this work has been incorporated in clean-up of litter and vegetation on the roadside at the northern entrance to the city – Great North Road.





**KDC - 23 Roads** have been identified (as shown on map below) across the KDC network based on their One Network Road Classification (ONRC), connection, and tourism value.



A crew of 4 has commenced the roadside litter collection programme with Baylys Coast, Awakino, Parore West, Opanake, and Waihue Roads being completed, with Tangowahine Valley Road having commenced 178 bags of rubbish has been collected and disposed of to date.



**7. Spot Spraying Noxious Weeds**

**FNDC** - The sight rail team from Ventia (ex. Broadspectrum) is made up of a 1 Ventia supervisor/STMS and 4 AWF personnel of varied backgrounds (timber yard, Pizza shop owner, underground drilling, and forestry general hand). The programmed work for this project has progressed well and has not cost what was initially estimated, allowing a lot more to be programmed.

Roads completed to date: Te Ahu, Otiria, Russell-Whakapara, Wakelin, Kent.

	<p><b>WDC (Roading)</b> – This month’s activity for this work has been incorporated in clean-up of the roadside at the northern entrance to the city – Great North Road.</p> <p><b>KDC</b> - Contractors have been engaged locations and estimates are confirmed. Localised spray letter drops are to be undertaken and the programme will commence early October.</p> <p><b>WDC Parks</b> - Work started early September with weed removal works at Ruakaka Wildlife Refuge. Good progress is being made with the 2 FTEs working alongside Recreational Services staff.</p>
8. Sight Rail Improvements (3# districts)	<p><b>FNDC</b> – All sight rail locations have been inspected and work programmed, with intent to upskill and utilise the litter collection workers for completion of these tasks.</p> <p><b>WDC</b> - Potential sites have been identified and is to be completed in November. Blackwell contractors who are doing the work will also be assisting the hazardous tree works with any fencing requirements. They are a very new and small operation who have struggled with finding work.</p> <p><b>KDC</b> - All sight rail locations have been inspected and work programmed. Due to the limited budget and scope of this project, the works will be predominantly undertaken by existing Ventia staff, with additional support as required.</p> <p>To date, 2 sight rails on Baylys Coast Road have been brought in-line with the NZTA spec.</p>
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	<p>Works have commenced and are progressing well in the following sites;</p> <ul style="list-style-type: none"> <li>• Mangawhai Community Park - Removal of Gum Trees and Wilding Pines completed. Mulching and preparation for revegetation underway.</li> <li>• Mangawhai Park – Golf Course Area, Removal of Wilding Pines, Acacia and other pest Plant Species completed.</li> <li>• Pou Tu o Te Rangi - Pest Plant Removal, clearance and implementation of pest plant plan significantly completed, with preparation for revegetation underway.</li> <li>• Northern Wairoa Memorial Park - pest plant eradication through bush reserve area completed. Remediation of bush walking track underway.</li> </ul> <p>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.</p>
10. Whangarei District Council Parks - Vegetation clearance & clean ups	<p>Workers continue to predominantly be based on the Tikipunga shared path project (item 13), having now crossed the stream and now undertaking fence removal, weed removal, setting out and laying the base course of the new section. The team also assisted in a planting day at Otaika Sports park.</p>
11. Far North District Council Parks - Vegetation clearance & clean ups	<p><b>Broadleaf spraying of reserves</b></p> <p>Baysport, Kerikeri Sports fields, Ranui Reserve, Opito Bay, Rangitane Reserve, Paihia Foreshore, Paihia Village Green, Kaikohe and Paihia Cemeteries, Mangonui Monument, Rawene old courthouse, Rawiri Reserve.</p> <p><b>Scrub cutting and stump poisoning</b></p> <p>Waiototara Reserve, Kendall Rd walkway, Peacock gardens, Rangitane, Windsor Reserve, Monument Hill, Taheke reserve, Matthews Park, Parkdale Drive riverbanks, Allen Bell Drive, Sun Rae Park, Scout Park, Awanui.</p>
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	<p>3rd month into the project, the crew are continuing with collection of rubbish from illegal dump sites around the region, either reported or identified through patrols. 2.390 tonne of waste material collected for the month.</p>

13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	<p>Good progress on the cycle trail (see photos below). Around 600m completed and now NPC and the Trust workers have started on the 1km stretch on the other side of the stream.</p> <p>A bridge is required to link the 2 sections which will be funded from MBIE CIP Share Path /cycleway funding recently allocated.</p>																																			
14. New Footpaths (3# districts) missing links in existing urban network	<p><b>FNDC –</b></p> <ul style="list-style-type: none"> <li>• Detailed Designs received</li> <li>• Pre-engagement meeting with the maintenance contractors (Broadspectrum - BRS and Fulton Hogan - FH) completed</li> <li>• Road Safety Audit - RSA underway for Signal Station Road</li> <li>• Construction (BRS) of Blacks Road Footpath started on 28th September</li> <li>• NTC issued to FH for (3) Footpaths (Point Rd, Mamaru Rd, and Foreshore Rd)</li> <li>• Donald Lane site placed on hold due to insufficient budget.</li> </ul> <p><b>WDC –</b></p> <ul style="list-style-type: none"> <li>• Detailed Designs received</li> <li>• Pricing underway</li> <li>• RSA for Ngunguru Road Completed</li> <li>• Detailed designs for One Tree Point Road completed and contractor commencing site works on 5<sup>th</sup> October</li> </ul> <p><b>KDC –</b></p> <ul style="list-style-type: none"> <li>• NTC issued to contractor (Broadspectrum) for construction.</li> </ul>																																			
15. Accelerated Unsealed network grading program	<p><b>FNDC –</b> Roads have been identified and confirmed. Bonnets Rd in the North will be done within 2 weeks however the main Wet Roll &amp; Grade (WRG) programme is not due to commence until November.</p> <p><b>WDC –</b> Sites identified for commencement in November</p> <p><b>KDC -</b> Improvements to Jude road were undertaken to enable the turning of truck and trailer units, providing easier access for future maintenance.</p>																																			
16. WDC Storm Response works	<p>Storm Response scope confirmed and submitted to MBIE</p> <p>Progress to date shown below:</p>																																			
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17. FNDC Storm Response works	<p>Storm Response scope in process of being finalised for submission to MBIE in week commencing 5th October 2020.</p>																																			

## 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	Local	Youth (15-24)	Māori	Pasifika	Women	Job type (Part Time/Full Time/ Contractor)
1. Removal of self-seeded roadside trees	12	5	12	4	3	1	5	Fulltime (12)
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	36	6	36	8	19	2	3	Full Time Contractor
5. Removal of self-seeded roadside trees	20	10	19	6	5	0	1	Full Time Contractor
6. Roadside litter collection and clean-up	24	20	23	8	13	2	15	Full Time Fixed Term
7. Spot Spraying Noxious Weeds	17.5	8	14	5	4	0	1	Combination of Contractor staff & redeployed workers
8. Sight Rail Improvements (3# districts)	2	1	2	0	1	0	0	FNDC - Will utilise litter collection resources
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	43	23	39	15	29	1	9	3 x Contractor 21 x Full time for duration of project 22 x Part-time assisting with Project
10. Whangarei District Council Parks - Vegetation clearance & clean ups	2	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	6	0	5	1	1	Fulltime fixed term
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	11	10	10	7	10	1	0	Fulltime (Includes 1 existing Contractor Supervisor)
13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	10.5	8	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	0							Physical Work yet to commence
15. Accelerated Unsealed network grading program	3	0	2	0	1	0	0	Majority of physical Work yet to commence
<b>Target</b>	<b>165</b>	<b>50</b>		<b>30%</b>	<b>45%</b>	<b>5%</b>	<b>20%</b>	
Actual to date	187	98		30%	52%	5%	21%	

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
187	26	25+

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

### FNDC Local Contractor Feedback –

Team Vegetation are the sub-contractors in the northern area and have engaged additional staff. The company have provided the following comment - "We are in the process of employing an additional 3 staff through funding from this

*MBIE programme. This has also enabled Team Veg to keep staff on that we have as we had some tough months during Covid. New staff we are taking on are personnel who MSD have recruited for us, ones who had been affected by Covid. We are hoping to give them continuous work through our season following completion of this MBIE funding."*

Town and General are the spray contractors in the south. They have informed us that this program has given them confidence to recruit 3 staff earlier than planned for their season going forward.

Both O'Rourke and Sons and Boss Logging have indicated that when logging prices fell, and the logging industry was shutting down, the MBIE funding allowed them to retain existing, trained and experienced personnel rather than requiring the hiring of additional staff. This principal also applies to the traffic management company used by the contractors where staff retention was more valuable rather than employing and training.

#### **FNDC resources no longer engaged on project (21) –**

The forestry crew engaged for the initial hazardous tree location at Puketotara Rd completed the job in early September. They then removed the tree at Paiaka Rd, and their engagement finished with this project. They have since started the tree removal aspect at Ruapekapeka Rd funded by PGF. (This accounts for the 16 of the 21 no longer engaged). 4 people engaged for litter pick up have since been employed by the contractor for other duties and will return to complete the marathon route litter pick up in November. The remaining person left the sight rail crew as he was not suited to either the work required or the team he was with.

#### **WDC Contractor feedback:**

This funding has provided us and our subcontractor's confidence to be able to employ new staff as indicated by the numbers. The Fulton Hogan staff have been employed fulltime and will be utilised throughout the business where applicable once this work has been completed.

#### **KDC Roding activities resourcing:**

T8 Traffic management have been contracted as specialist operators to undertake the felling of hazardous trees. 3 of the 6-man team are freshly employed within the last 2 months. AWF have been utilised to quickly get people employed, and out working. AWF have been working closely with MSD in order to produce a suitable labour pool for the delivery of the works programme.

#### **KDC Parks:**

Currently 43 jobs employed as part of the current stages of works, of which 2 x contractors were involved in some of the preliminary works, and are currently not employed in the project, however, may be required for future stages of the works. Of the 43 employed, 22 of these are part-time engaged in assisting with the works in roles such as administration and traffic control duties as required. There are currently further stages of the works being finalised at present such a planting and revegetation, which is expected to require a further 10 + new workers to complete.

#### **NRC:**

Consistent crew for the 3rd month, the team appreciate the work and the opportunity to learn new skills. These workers have gained a lot of experience, confidence, life and industry skills and qualifications (all are signed onto a Level 2 Forestry qualification). We are still yet to complete the testing for the remainder staff with goal is to have everyone drug free by the end of the project.

#### **WDC Parks – Weed clearance**

Locals have been struggling to hold back the weeds at this reserve. Earlier in the year a weed management plan was developed between NRC and WDC. This funding has given this a huge boost. It involves weed management in a fragile dune environment. Weed clearance includes chain saw work, cutting and pasting and spraying weeds. After 3 weeks on the job one worker has found work and left and been replaced. The team also planted around 500 pingao and spinifex. (Photo right – Joy, one of our new workers).



### 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)
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'Rourke Contractors	Local	Sub-Contract	Mechanical and chain saw tree felling and mulching	1 month	\$ 137,000	1
Boss Logging	Maori	Sub-Contract	Mechanical and chain saw tree felling and mulching	2 months	\$ 275,000	1
Team Vegetation	Local	Sub-Contract	Gun spraying noxious weeds	2 months	\$ 75,000	2
Tag	Local	Sub-Contract	Noxious weed spraying and seedling control (FNDC & WDC)	5 months	\$ 125,000	4
Northern Tree Works	Local	Sub-contract	Climbing to remove limbs and tree felling	2 months	\$ 138,000	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 sight rail repair	2 months	\$ 168,000	9+ *
* The staff hired from AWF in the Far North will be the same crew who will be working on sight rails for Fulton Hogan. The entire available members of AWF have been engaged for this project and there are no other available agencies in the area. One difficulty is attracting staff who will pass the drug free policy of both AWF and Fulton Hogan.						
North End Contractors	Local	Subcontract	Tree removal	5 months	\$ 300,000	3
Blackwell Contractors	Local	Subcontract	Sight-rail modifications	1 months	\$ 50	2
T8 Tree Services	Local	Direct contract	Traffic Management & Tree Work	3 months	\$ 260,000	5
Te Hau Awhiwhio O Otangarei Trust	Maori Entity	Direct	Parks - Vegetation clearance & clean ups and Tikipunga cycleway	4 months	\$ 202,905	8
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	\$ 323,800	8
Turf Tamer	Local	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 131,900	0
Te Roroa Group	Maori/Local Iwi owned business	Direct	Removal of pest plants within Kaipara Parks	5 months	\$ 376,200	11
Te Uri o Hau Settlement Trust	Maori/Local Iwi owned business	Direct	Supply and planting of plants for revegetation	1month + follow up	\$ 72,550	0
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	2.5 months	\$ 113,971	2
Waterway Specialists	Local – Mangawhai based	Direct	Removal of pest plants within Kaipara Parks	2.5 months	\$ 55,000	3
J.C.L	Local	Direct	Re-employ people directly impacted by Covid-19 to clear illegal dump sites adjacent to waterways	3.5 months	\$ 200,000	10
					<b>\$ 3,150,484</b>	<b>60</b>

#### 4. Social Procurement Objectives

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

State your Social Procurement Objectives (as agreed within two weeks of contracting)	Show achievements to date against each of the Social Procurement Objectives	Provide additional narrative to show how tendering, procurement, employment and/or training arrangements are helping to achieve the Social Procurement Objectives, identifying any limitations or further support needed.
<p><b>Targeted employment:</b> Employment targets that apply to the 165 workers employed:</p> <ul style="list-style-type: none"> <li>a. 45% Maori</li> <li>b. 5% Pasifika</li> <li>c. 20% Women</li> <li>d. 30% Youth (18–24 years)</li> </ul> <p>Note – while the above add to 100%, employed workers may cover multiple categories and therefore not all engaged workers will come from these target groups.</p> <p>Of the 165 workers employed, at least 50 are to be ‘new’ (fixed term) roles for people displaced due to Covid-19 and still unemployed.</p>	<p>Refer to employment table – section 2.1</p>	<p><b>Waka Kotahi (NZTA):</b> Opportunity given to previously unemployed locals to re-enter the work force, with two of these people accepting our offer of permanent positions at Fulton Hogan.</p> <p><b>FNDC Roading:</b> Three redeployed workers have since been engaged as permanent employees, with Ventia (previously Broadspectrum) funding their training in Traffic Control.</p> <p>The crew employed by Fulton Hogan for litter collections will be trained in sight rail repair and modification to continue their employment with Fulton Hogan.</p> <p><b>KDC Roading:</b> 3 additional jobs have been created in the Tree felling crews and 4 short term positions have been filled for litter pick up, 2 of which are freshly employed.</p> <p>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.</p> <p><b>FNDC Parks:</b> We are currently working through the possibility of one person staying on in a permanent position once this project has been completed.</p>
<p><b>Local (regional) businesses prioritised for employment:</b> 40% of direct contract and sub-contract values will be awarded to businesses owned and operated by people who reside in the region</p>	<p>Refer to Section 3 of report</p>	<p><b>KDC Parks:</b> Turf Tamer is a small locally owned business who had recently invested in a specialist low ground impact, remote controlled mulching machine to undertake vegetation clearance and waste vegetation recycling. Unfortunately, the COVID-19 lockdown hit this business very hard financially just as they were establishing the new venture.</p> <p>The work through the Kaipara District Council Parks – Vegetation clearance &amp; clean ups has provided an immediate work and income stream that has saved the business from possible closure.</p> <p>The work has also provided new relationships with other businesses and organisations with Turf Tamer now engaging one of the Te Roroa Group team to assist with works in Mangawhai Park and Taharoa Domain.</p>
<p><b>Maori and Pasifika enterprises prioritised for employment:</b> 15% of the direct contract and sub-contract values will be awarded to Maori or Pasifika enterprises.</p>	<p>Refer to Section 3 of report</p>	
<p><b>Skills and training delivered:</b> Provide training relevant to the requirements pre/post and throughout the project to ensure all staff are appropriately skilled, qualified, and safe in the workplace.</p>	<p><b>Waka Kotahi (NZTA):</b> Integrating new staff members into field operations and sharing knowledge and corporate approach.</p> <p><b>FNDC Roading:</b> Several engaged workers are being trained in Traffic management Level 1</p> <p><b>KDC Roading:</b> All new employees with T8 are working towards level 4 national certificate in arboriculture.</p>	<p>The crew is getting awareness training for working in field Fulton Hogan buddies them up with experienced staff members. New employees are learning about Hazard/Risk management.</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.
	<p><b>WDC Parks:</b> Additional training for Ruakaka folk is planned this month – Growsafe and chain saw use</p> <p><b>FNDC Parks:</b> The team was sent on a Traffic Controller course in September with all passing successfully.</p> <p><b>KDC Parks:</b> 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 &amp; STMS training.</p> <p><b>NRC</b> All staff registered onto a level 2 national forestry qualification with intent to complete by end of project. Currently looking to identify post-project employment opportunities.</p>	
<p><b>Improved Conditions for Workers:</b></p> <p>All new employees will undergo pre-employment induction, by the Employer, in accordance with Approved Codes of Practice for Health and Safety for the relevant industry standards.</p> <p>Employers will provide a documented Health and Safety Management System that is effective and meets the requirements of the Health and Safety at Work Act 2015 and the associated Regulations and Codes of Practice.</p> <p>All new employees engaged on fixed term contracts shall receive remuneration consistent with industry standards for their skill level and experience.</p>	<p>All workers have completed respective organisation induction and on-boarding training.</p> <p>Several opportunities being pursued for engaged redeployed workers to transition to full time employment.</p>	
<p><b>Environmental Responsibility:</b></p> <p>Adoption of practices that enable the project to be delivered sustainably, include:</p> <ul style="list-style-type: none"> <li>protecting or enhancing the local ecosystem and its indigenous biodiversity. This tree removal project is focussed on removing pest species trees including wilding Conifers, invasive Poplars and Willows</li> <li>Actively seeking to minimise the carbon impact of project delivery, to support the transition to a net zero emissions economy whenever practical.</li> <li>Minimising waste, re-using materials, and where possible incorporating the principles of the circular economy. Where possible tree debris will be chipped into mulch and felled trees (of appropriate size) will be made available to community groups for distribution.</li> <li>Build resilience back into areas of work following the removal of the pest trees, (where practical) native trees will be replanted.</li> </ul>	<p><b>FNDC Roding:</b></p> <ul style="list-style-type: none"> <li>Firewood and mulch have been stockpiled for use by residents</li> <li>Some wood has been offered to support the Fred Hollows fund raising charity.</li> <li>Profits from the firewood generated work on Waipapa Rd are being used to support Junior Rugby in Kerikeri.</li> </ul> <p><b>KDC Roding:</b></p> <ul style="list-style-type: none"> <li>Most of the wood removed from the Waihue site is to be stockpiled in the Awakino Road refuse centre for future processing into firewood and made free for the community.</li> </ul> <p><b>KDC Parks:</b></p> <ul style="list-style-type: none"> <li>The works being undertaken by Orang Otang Tree Trimmers, includes mulching of tree waste for reuse as ground cover, recovering of gum stems for use as landscape edging, and possible recovery as firewood for community groups.</li> <li>The works undertaken by Turf Tamer involves a process of mechanically mulching in-situ which provides an initial ground cover prior to further treatment/revegetation.</li> </ul> <p><b>NRC</b></p> <ul style="list-style-type: none"> <li>Identifying hotspots endangering our waterways.</li> <li>A fully mobile workforce to contain, eliminate any dumps the endanger waterways.</li> </ul>	<ul style="list-style-type: none"> <li>Residents near the activities have access to free firewood supplementing heating costs along with landscaping and garden mulch.</li> <li>(Training facilities and equipment more accessible for youngsters).</li> <li>Arrangements in place with contractors have been focused on working collaboratively with community and other groups in order to reuse by-products where possible.</li> <li>Open communication channels between contractor, KDC, and other stakeholder groups have been utilised to seek opportunities for re-use of by-products and recycling where possible.</li> </ul>



## 5. Financials

Five milestone payment claims totaling \$8,323,333.33 have been claimed and paid by MBIE to date:

Project Element	Received from PGF	Actual Project Expenditure to	Notes
1. Removal of self seeded roadside trees	\$ 225,000.00		
2. Roading sightline improvements and vegetation clearance	\$ 345,000.00	\$ 945,000.00	
3. Roadside litter collection and clean-up	\$ 375,000.00		
4. Removal of known Road side hazardous trees	\$ 1,350,000.00	\$ 338,788.00	
5. Removal of self-seeded roadside trees	\$ 652,500.00	\$ 239,012.00	
6. Roadside litter collection and clean-up	\$ 352,500.00	\$ 117,888.00	
7. Spot Spraying Noxious Weeds	\$ 187,500.00	\$ 22,970.00	
8. Sight Rail Improvements (3# districts)	\$ 150,000.00	\$ 93,211.00	
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	\$ 1,200,000.00	\$ 725,410.00	<i>Forecast spend is tracking in line with forecast budgets with some works packages substantially completed and others progressing well.</i>
10. Whangarei District Council Parks - Vegetation clearance & clean ups	\$ 150,000.00	\$ 353,190.00	<i>Expenditure on these two activities (+ component of item 7) being managed together</i>
13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	\$ 300,000.00		
11. Far North District Council Parks - Vegetation clearance & clean ups	\$ 150,000.00	\$ 38,386.14	
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	\$ 150,000.00	\$ 144,625.00	
14. New Footpaths (3# districts) missing links in existing urban network	\$ 1,125,000.00	\$ 43,580.00	<i>Design costs incurred to date</i>
15. Accelerated Unsealed network grading program	\$ 277,500.00	\$ 2,117.00	<i>Majority of this work to commence in November</i>
16. WDC Flood Damage repairs	\$ 666,666.67	\$ 651,950.88	
17. FNDC Flood Damage repairs	\$ 666,666.67	\$ 190,852.00	
<b>Total</b>	<b>\$ 8,323,333.33</b>	<b>\$ 3,906,980.02</b>	

*Anticipate expenditure values to significantly increase from August onwards as remaining activities are initiated*

## 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	Kaikohe, Rawene, Opononi, Mamaranui, Dargaville (2 weeks) SH15 from Maungatapere to Kaikohe: Hotspots in and around each town on the route (2 weeks).
Roadside sightline improvements and vegetation clearance	Several site assessments are still underway to prioritise the best use of funding across the network for sight lining.
Roadside litter collection and clean-up	Kaikohe, Rawene, Opononi, Mamaranui, Dargaville (2 weeks) SH15 from Maungatapere to Kaikohe: Hotspots in and around each town on the route (2 weeks).
Removal of known Roadside hazardous trees	<b>FNDC</b> – Removal of trees on Peria Rd, Aucks Rd, Russell-Whakapara Rd, Wiroa Rd, Koutu Loop Rd with further locations to be programmed as budget allows. <b>WDC</b> – Starting in the Kokopu / Knight Rd area, priorities to be confirmed once confirmation is received from landowners that access is suitable (has dried out sufficiently) <b>KDC</b> – Removal of trees on Paparoa Oakleigh Road and Waihue Road.
Removal of self-seeded roadside trees	<b>FNDC</b> – Contractors are engaged to do the same roads as Hazardous tree locations. Small self-sown trees will also be sprayed while noxious weed spraying is being done <b>WDC</b> – Program is scattered across the network and will be completed in conjunction with the hazardous tree and noxious weeds spray program. <b>KDC</b> – Removal of trees on Molesworth Drive, Moir Point Road, Opanake Road and Waihue Road
Roadside litter collection and clean-up	<b>FNDC</b> – All but the marathon route to complete in the south and the approaches to the small towns of Broadwood, Kohukohu and Pangaru to complete in the North Hokianga. <b>WDC</b> – Roads targeted for the next month are: <ul style="list-style-type: none"> <li>• Marsden Point Rd</li> <li>• Mccathie Rd</li> <li>• Nova Scotia Dr</li> <li>• One Tree Point Rd</li> <li>• Riverside Drive (Tanekaha Dr to Old Onerahi Rd)</li> </ul> <b>KDC</b> – Roads targeted for the next month are: <ul style="list-style-type: none"> <li>• Tangowahine Valley Road</li> <li>• Omamari West Road</li> <li>• Kaiwi Lakes Road</li> <li>• Paparoa Oakleigh Road</li> <li>• Pouto Road</li> </ul>
Spot Spraying Noxious Weeds	<b>FNDC</b> – Both contractors have started the noxious weed spraying and will continue through the month subject to weather. Wind plays a major part in this programme.

Project Element	Outline of Planned Work (for next month)
	<p><b>KDC</b> – Targeted spraying to be undertaken on Baldrock Road, Kaiwaka Mangawhai Road, Mangawhai Heads Road and Garbolino Road</p> <p><b>WDC (Roading)</b> – Majority of programme scheduled for completion in November</p> <p><b>WDC (Parks Component)</b> - Further weed removal work at Ruakaka Wildlife Refuge as well as moving into the City to undertake further weed removal.</p>
Sight Rail Improvements (3# districts)	<p><b>FNDC</b> – Haruru Fall Rd and Te Karauwha Parade to complete in the south and the North to complete Kaitaia-Awaroa Rd. Matauri Bay Rd, Wainui-Matauri Rd and Wainui Rd to continue if budget allows. This team will be the same as the litter crew.</p> <p><b>WDC</b> – Majority of programme scheduled for completion in November</p> <p><b>KDC</b> – 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"> <li>• Mangawhai Community Park - Preparation and revegetation planting of selected areas, and groundwork preparation for shared pathway.</li> <li>• Kai-iwi Lakes – Taharoa Domain, area wide removal of pest plants and implementation of pest plant plan.</li> <li>• Kai-iwi Lakes – Mulching of wilding Acacia stands to provide day visit areas.</li> <li>• Pou Tu o Te Rangi - Implementation of pest plant plan continuing, Preparation and revegetation planting of selected areas.</li> <li>• Northern Wairoa Memorial Park - Bush walkway remediation works</li> </ul>
Whangarei District Council Parks - Vegetation clearance & clean ups	Continue Parks clean-ups & assist with Tikipunga Cycleway works
Far North District Council Parks - Vegetation clearance & clean ups	Continue with Broadleaf spraying of all sports fields, cemeteries and high-profile areas and Noxious weed growth in coastal areas targeting weeds.
Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	Continuing to map roads, rivers and areas of concern for clean-up with trailer loads of rubbish being taken to Kaikohe refuse centre.
Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whangarei Falls)	Continuing to undertake cycleway construction along with fencing and laying base course. At this point it appears there is enough budget to extend the employment contract for all 10FTEs (related to items 10 & 14) until 30 October.
New Footpaths (3# districts) missing links in existing urban network	<p><b>FNDC</b> –</p> <ul style="list-style-type: none"> <li>• Complete designs and RSA for Signal Station Road and seek quote from the Contractor</li> <li>• Review and accept quote from the Contractor for Signal Station Road</li> <li>• Proceed required pre-construction activities/ preparations for Signal Station Road and other roads</li> <li>• Start construction for other roads</li> <li>• Quality Assurance for all roads</li> </ul> <p><b>WDC</b> –</p>

Project Element	Outline of Planned Work (for next month)
	<ul style="list-style-type: none"> <li>• Review and accept quote from the Contractor for Ngunguru Rd, Gillingham, and Tauraroa Rd.</li> <li>• Issue NTC's (3) for the above roads</li> <li>• Proceed required pre-construction activities/ preparations</li> <li>• Start construction for all roads</li> </ul> <p><b>KDC –</b></p> <ul style="list-style-type: none"> <li>• Proceed required pre-construction activities/ preparations</li> <li>• Start construction</li> </ul>
Accelerated Unsealed network grading program	Roads have been identified and planned for end of November and to December to provide maximum benefit over the summer period
WDC Storm Response	Continuation of works identified in scope document provided to MBIE.
FNDC Storm Response	Finalisation of proposed work scope with MBIE Continuation of identified works

## 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	Changes to Covid-19 Alert Levels	Severe / Moderate	Work programmes to be adapted to suit restrictions where possible. Contractor risk control plans in place
Roadside Activities	Inexperienced workers engaged in activities in roading corridors	Severe / Rare	Approved Traffic management plans in place. Experienced staff supervising new staff. All employees inducted, daily pre-start meetings etc.
Litter Collection Activities	PPE gear being punctured when handling chemicals, soiled nappies, needles etc.	Low / Medium	Wear all PPE gear allocated, identify object and bags of risk first, use equipment supplied, shovels, spades, pitch forks, rope etc.
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	The response to the July storm damage continues to put additional pressure on resources, resulting in approximate 1-month delay in commencement of these activities.  Head contractors unable to supply traffic control resources for smaller contractors.	High/Low	Continued with pre-planning works to enable initiation.
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.
14.	Complex sites being programmed leading to long design periods, and increased construction duration.	Significant / Unlikely	Programme selection of less complex works not requiring consents. Concept designs completed and early contractor engagement.  Final scopes adjusted dependant on actual quotes received for works
13	Opportunity - There is an opportunity if we get confirmation of the MBIE CIP funding for Tikipunga share path (\$500,000) in time we will continue to engage NPC and the Te Hau Awhiowhio O Otangarei Trust to extend the path. This will keep 10 FTEs employed thru Christmas		

## 8. Communications

*(An update on media, marketing and communications activity for this project)*

### General:

The Northland Transportation Alliance contributed an editorial article to The Northern Advocate's feature ["Our Roads, Our Transport in Northland"](#) which included the following summary of this funded program:

*"In May 2020 Te Tai Tokerau received \$9.32m of Central Government COVID-19 economic response funding targeted at providing local employment opportunities through park and roadside vegetation clearance, roadside litter collection and footpath/walkway construction work. Delivery is being led by the NTA and to date there have been over 120 people engaged on the programme, 58 of those who were previously out of work."*

### NZTA Waka Kotahi:

Letter to the Editor (The Northern Advocate) re. Kawakawa to Paihia Roadside:

*It is about time that the New Zealand Transport Agency, Fulton Hogan and their sub-contractors are given credit for a job well-done. Over the last week or so they have been trimming the roadside verges between Kawakawa and Paihia on State Highway 11. They have cut the vegetation off the roadside verges and up the banks for about 2 metres each side. The road feels much safer to drive on with clearer sight lines around corners and motor homes, buses and trucks are no longer scrapping their left-hand side along the manuka and gorse.*

*Well done thanks, keep up the great work!*

*Thank you*

*Steve Cornwall (Paihia)*

### Recruitment Presentation

A presentation at an employment workshop Rakau Rangatira to held at Te Hau Awhiowhio in Otangarei on 22 September 2020 where the Te Tai Tokerau Redeployment Package was promoted. This will be a platform for Waka Kotahi NZ Transport Agency and Fulton Hogan to promote the programme and possibly identify and recruit new suitable candidates.

#### Presentation to Rakau Rangatira



*"Te Hau Awhiowhio and our whanau would like to sincerely thank Fulton Hogan for coming and giving a talk to us about the company. It was incredibly informative about who Fulton Hogan is, how they started, what they look for in employees and what type of roles are available at Fulton Hogan. It was very good to hear about your Health & Safety Policies and how your goal is to get all staff home safe each day whilst also completing work to a very high standard.*

*We appreciate the short notice you were given and still did a fantastic presentation. We have a few people keen on becoming operators now. Once again, my sincere thanks for coming in. It is very much appreciated and is very good for our whanau to hear from employers.”*

*Lee Colvin, Employment Specialist*

*Northland DHB / Te Hau Awhiowhio*

**KDC Parks:**

- Social media updates – Facebook updates have been posted as the work has progressed particularly the Mangawhai Park works (prior to work commencing, as well as during the work). More updates will follow as the work continues.
- Regular updates are provided on the Kaipara District Council website under latest news.
- Specific media communications regarding the works at Mangawhai and Kai-iwi Lakes continue to be featured in the Kaipara Lifestyler and Mangawhai Focus.

**FNDC Roadside Litter Collection:**

The comments below were posted on day one of the litter collection in the north. The litter crews were surprised that their efforts were so appreciated and appeared more motivated.

Car horns and people waving their thanks increased the appreciation that the community were expressing.



## Karikari Area Community Group



Write a comment...



Ian Francis Burke

13h · 🌐



Awesome to see a group of young people picking up the roadside litter on Inland Road today. Thanks to whoever organized this & to the guys & girls doing the mahi. And to those who throw bottles & cans & nappies, fast food waste & etc, from their vehicles please show some respect & take some pride in this community & stop doing so.

👍❤️😄 43

14 Comments

👍 Like

💬 Comment

➦ Share



Debera Mcleod 🇳🇿

it really was not looking nice thank you for doing the Mahi shame people cannot read the sign as they come to visit dont leave your rubbish leave our peninsular beautiful .

Like · Reply · 13h

👍 2



Georgina Clark

thankyou

👍 3

Like · Reply · 13h



Bronwen McEwan

Great job 👍 Thank you all so much, you are awesome and really appreciated

Like · Reply · 13h

👍 2





Leena Taylor

wonderful to hear about; thank you to whoever got this organised.

..

Like · Reply · 13h



Ian Francis Burke

Leena Taylor Kia ora Leena, You being a person of influence 😊.Perhaps we can get some proper signs made up, asking people to have pride in their region,(in this case the Karikari Peninsula),& not to litter etc.I drove from Picton to Farewell Spit in th...

See More

Like · Reply · 12h



Leena Taylor

morena Ian Francis Burke; the last sign we had made cost nearly \$100 and was stolen within a fortnight. As was one of the tsunami safe zone ones. I think it is more a case of trying to change attitude; maybe we need to keep posting images of the rubbish... See More

Like · Reply · 1m



Donna Alice

I was so happy when we drove past today. Thank you to the peeps that put in the work. It looks so much better. Let's all try to keep our paradise as clean as possible.

Like · Reply · 12h



Leigh Andrews

Gosh I drove past them this afternoon and they had heaps and heaps of rubbish. Thankyou so much for the work. 🙌🙌

Like · Reply · 12h



Dot Craig

Great job 😊. Now can the person who insists on throwing the 'Cody' cans out on Tokerau Beach Rd take the empties home for recycling! Not sure how many I have picked up - grrrr. Please, can people take their rubbish to the bin or recycling - it DOES NOT... See More

Like · Reply · 11h



Julie Graydon

Great job team 🙌🙌

...

Like · Reply · 11h





Linda Rawiri \*\*\*



Like · Reply · 12h



Jenny Anne Bowden  
Yeah great job.

Like · Reply · 12h



Norma-Jean Herewini  
Imma say it was nice to actually see our roads clean for once & no litter left dumped anywhere 🙏🏻👍🏻 thanks to those few you are muchly appreciate ✓

Like · Reply · 12h



Judy Billington  
Great job 👍🏻 thankyou to the wonderful people who picked up all the rubbish.

Like · Reply · 11h



## 9. Any other information

### NRC

The team have been exposed to other project work, to gain extra skills required post this project, such as planting of pine, manuka and eucalyptus and wilding pine eradication and we will be looking at some chainsaw operation and maintenance work this month.

They have shown they are employable, having a 95% attendance, good work ethic, good communication skills and able to work in a crew and to complete tasks required - very happy where they have progressed to.

## Additional information - Redeployment Activity photos

### NRC Illegal dumping clean-ups



**Weed clearance - Ruakaka wildlife refuge project**



2 Rec Services workers (left hand side) and 2 new workers (1 has since left for full time work).

**Te Hau Awhiowhio O Otangarei Trust /Northland Park care project**

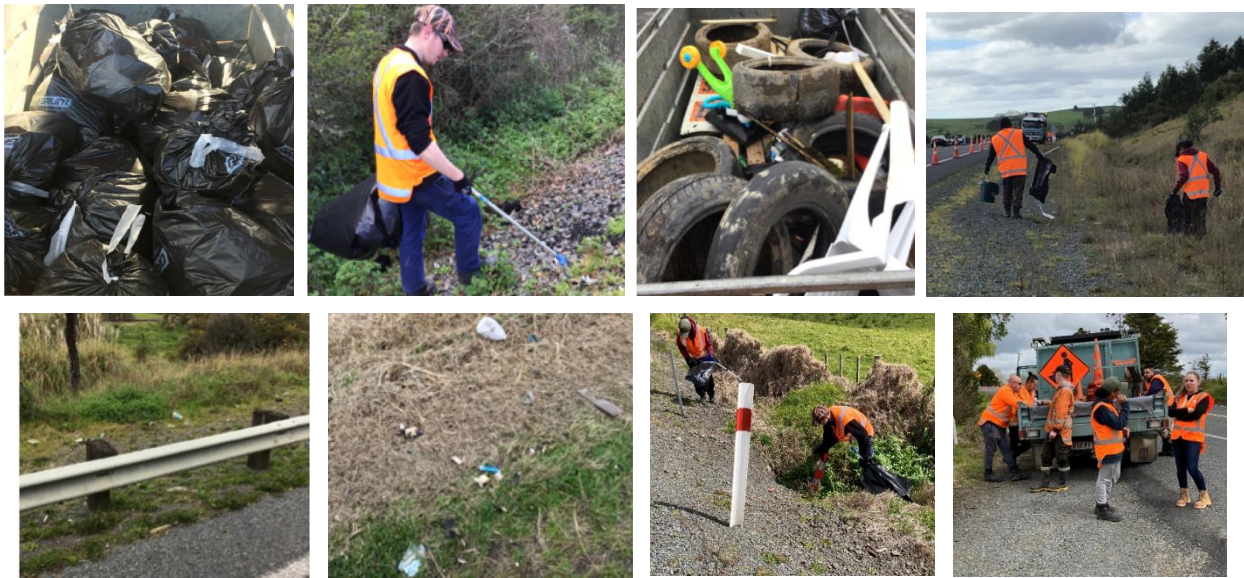


First stage - completed



Next stage of pathway now being constructed.

### Waka Kotahi Roadside Litter collections



### KDC Park clean ups



*Vegetation clearance/noxious plant removal and ground preparation in Mangawhai Park*

### FNDC Litter Collection



*The southern team at work*



*And the northern team*

**KDC Sight Rail Works**



**FNDC Sight Rail Works**

Under construction



Complete



Before



After



Russell- Whakapara


Before



After







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



SEPTEMBER 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.	70%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase	3	
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.	30%	Received and approved all RAMM dispatches. Work completed on Kawakawa renewal in Sept.	No Renewal work planned for October as the concrete crew diverted to Blacks Road Footpath (Redeployment)	3	Diverting crew to Redeployment works currently delays the overall (District) renewal programme by 1 month for completion in April.
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.	0%	Received, reviewed and approved all RAMM dispatches. Work planned to start in Feb 2021.	No Renewal work planned for October as the concrete crew diverted to Blacks Road Footpath (Redeployment)	3	Diverting crew to Redeployment works currently delays the overall (District) renewal programme by 1 month for completion in April.
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward carry-over	0%			2	2019/20 carry over amount and residual projects to be confirmed
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward carry over	0%			2	2019/20 carry over amount and residual projects to be confirmed
125 - Footpath Maintenance	Footpath Renewal	Te Hiku Ward carry-over	0%			2	2019/20 carry over amount and residual projects to be confirmed
140 - Minor Events	General Maintenance	Kohomaru Rd Mitigation Works - (Balance of Carry-over from 2019/20)	0%	Scope determination & compiling construction contract documents	Compiling construction contract documents	3	
140 - Minor Events	General Maintenance	Waikare Road - various locations	0%	Pre-construction outputs complete ready to engage contractor	Arrange site meeting with contractor then validate and approve price proposal.	3	Construction start deferred to Feb due to contractor attending to recent reactive storm event works.
140 - Minor Events	General Maintenance	Rawhiti Rd	-6%	Project complete	n/a	3	
140 - Minor Events	General Maintenance	Paponga Rd RP8886 Slip Remediation	100%			3	
140 - Minor Events	General Maintenance	Iwitaua Road RP 14005	100%			3	
141 - Emergency Works	Resilience	West Coast Rd RP 9563	76%	Construction progressing	Continue construction	2	Investigation for repair of damage to new retaining wall (during construction) being investigated - potential defective workmanship issue.
141 - Emergency Works	Resilience	Fairburn Rd	77%	Small construction delay waiting for weather conditions to be more conducive to sealing operations.	Continue construction	3	Financial - 33% increase in Costs - Likelihood V.High
141 - Emergency Works	Resilience	Diggers Valley Rd	76%	Construction complete	Final inspection to confirm construction compliance	3	
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552	89%	Inspect completed works and issued Practical Completion Certificate.	Defects period monitoring will end July/August 2021	3	
141 - Emergency Works	Resilience	PLACEHOLDER	0%	On hold - contingency for approved slip programme	n/a	2	Balance of carry-over amount from 19/20 as contingency to complete 2019 EW programme.
141 - Emergency Works	Resilience	2018 EW surplus	#DIV/0!	2018 Emergency Works programme is complete. Remaining funds to be made surplus (\$60,272).	Confirm budget made surplus	3	Budget to be surpluses to conclude 2018 EW programme
212 - Sealed Road Resurfacing	Sealing Chip seal	North region (CS - 31.4km, TAC - 0.632km)	11%	treatments agreed. Contractors approved to commence as resourcing and weather permits	ongoing works	3	weather causing resources to relocate
212 - Sealed Road Resurfacing	Sealing Chip seal	South Region (CS -37.99km)	17%	treatments agreed. Contractors approved to commence as resourcing and weather permits	ongoing works	3	weather causing resources to relocate
213 - Drainage Renewals	Rehabs	programmed rehab sites		Review and approval of designs	renewal of drainage asset.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Rehab design and investigation	94%	no updates until programme received from Strategy	no updates until programme received from Strategy	2	
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	18%	Site investigation and lab testing	ongoing design process, commencing enabling works	3	
214 - Sealed Road pavement rehabilitation	Rehabs	OKAIHAU ROAD	2%	Site investigation and lab testing	continue with designs, enabling works to commence	3	
214 - Sealed Road pavement rehabilitation	Rehabs	PAWARENGA ROAD	24%	Enabling works well underway, pavement when weather allows	enabling works, pavement construction as conditions allow.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	WAIMATENUI / MATARAU ROAD	2%	Site walkover and survey	Site investigation and lab testing, procurement approval	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Broadwood road	113%	prepping surface for sealing , repairing traffic and storm damage	sealing, line marking signs and entrances	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	56%	the carriageway was sealed 17/9/2020 under favourable weather conditions	sealing entrances, culvert headwalls, traffic facilities reinstatement, line marking	3	
214 - Sealed	Rehabs	Purerua Road	0%	commenced pavement repairs and	build pavement and seal	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
Road pavement rehabilitation				drainage			
215 - Structures Component Replacement	Bridge	Matawherohia Road & Puhata road	0%	Investigation and design in progress	review design and progress procurement	2	Matawherohia - issues discovered re foundation requirements and available budget - may have to be temporary repairs in the interim
215 - Structures Component Replacement	Bridge	Churtons Road Bridge C13	0%	Investigation and design in progress	Continue with Investigation and design	3	
215 - Structures Component Replacement	Bridge	Hihi Road Bridge F07	0%	Investigation and design in progress	Continue with Investigation and design	3	
215 - Structures Component Replacement	Bridge	General maintenance Bridge	8%	Finalising maintenance programme & contract documentations	Tendering	3	
215 - Structures Component Replacement	Bridge	Scour protection across the network	0%	Finalising maintenance programme & contract documentations	Tendering	3	
215 - Structures Component Replacement	Bridge	Mangamuka Road Culvert H40	53%	Practical completion achieved on 14 September 2020	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Scour protection (North and South)	172%	Continue working on the remaining sites	Forecasted completion early this month	3	
215 - Structures Component Replacement	Bridge	Heavy Bridge Maintenance (Nth & Sth)	0%	Continue working on the remaining sites	Forecasted completion early this month for South contract	3	
215 - Structures Component Replacement	Bridge	Contingency for any overruns and testing, designing for next FY	0%			3	
215 - Structures Component Replacement	Bridge	Matai Bay Road Bridge C03	0%	Site investigation and options report in Dec. 2020 - Jan. 2021	Site investigation and options report in Dec. 2020 - Jan. 2021	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D42	0%	Site investigation and options report in Jan. 2021	Site investigation and options report in Jan. 2021	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D47	0%	Site investigation and options report in Jan. 2021	Site investigation and options report in Jan. 2021	3	
215 - Structures Component Replacement	Bridge	Grove Road Bridge M28	0%	Site investigation and options report in October	Site investigation and options report in October	3	
215 - Structures Component Replacement	Bridge	Kenana Road Culvert E94	0%	Site investigation and options report done and will be package with Grove Road Bridge M28	Site investigation and options report done and will be package with Grove Road Bridge M28	3	
324 - Road Improvements	Lighting	District wide	90%			3	
341 - Low Cost Low Risk	Asso Improvements	Northern & Southern Area: Associated improvements on 2020/21 pavement rehabilitation sites	65%	planning and agreeing on scope	site walkover and agree on associated improvements	3	
341 - Low Cost Low Risk	Bridge	Puhata Road Bridge D50 Replacement	0%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	Quarry Road (Awanui) Culvert B13 Replacement	0%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	WekaWeka Road Culvert J18 Replacement	0%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	West Coast Road G01	5%	Awaiting RC approval	Finalising contract deliverables	3	
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	58%	Continue with physical works, substructure almost finish. The physical works is delayed due to unsuitable ground condition and requires design revision of the retaining wall. Recent flooding damage that requires repair works also contributed on the delays. Programmed date for completion is around late October.	Forecasted completion late October	3	
341 - Low Cost Low Risk	Bridge	Kaitaia-Awaroa Road Culvert D41 Replacement	0%	Site investigation and options report in October	Site investigation and options report in October	3	
341 - Low Cost Low Risk	Future designs	Various locations	-41%	n/a	n/a	2	Project scope to be confirmed
341 - Low Cost Low Risk	Lighting	Various District Roads	1%	Tender stage	Tender award pending	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue	0%	Procurement plan approved. Being procured together as one contract with other new footpath works. Compilation of tender document started.	Advertise tender	3	
341 - Low Cost	New Footpath	Te Hiku Ward: Kaitaia -	0%	Procurement plan approved. Being procured together as one contract	Advertise tender	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
Low Risk		Dominion Road		with other new footpath works. Compilation of tender document started.			
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln	0%	Procurement plan approved. Being procured together as one contract with other new footpath works. Compilation of tender document started.	Advertise tender	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: SH1 Harbour View Rd to private access	0%	Procurement plan approved. Being procured together as one contract with other new footpath works. Compilation of tender document started.	Advertise tender	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd Rangikapiti Rd to Richmond Rd link	0%	Procurement plan approved. Being procured together as one contract with other new footpath works. Compilation of tender document started.	Advertise tender	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	0%	Procurement plan approved. Being procured together as one contract with other new footpath works. Compilation of tender document started.	Advertise tender	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd to Rangikapiti Rd	0%	Procurement plan approved. Being procured together as one contract with other new footpath works. Compilation of tender document started.	Advertise tender	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound	0%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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	0%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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	0%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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	0%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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: Te Taipui Rd to Matauri Bay School Link	0%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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: SH11 Kaipatiki Rd to York Rd	0%	NZTA consultation on options reports completed and have subsequently engaged WSP to prepare a design to fit path on existing carriageway (retreat including lane reconfiguration and barrier installation).	Review and finalise design ready for NZTA acceptance and safety audit.	2	Cost likely to exceed budget and construction may be deferred due to scope change (design around underslip).
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	3%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	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	124%	Completed construction monitoring and issued Practical Completion certificate.	Defects period monitoring will end Aug/ Sep 2021	3	Budget reconciliation required
341 - Low Cost Low Risk	Resilience	Wainui Road RP 7200	2%	Tender Evaluation	Award and commence construction	3	
341 - Low Cost Low Risk	Resilience	Taupo Bay Road RP 8816 & 9169	3%	Tender evaluation complete. Supplier recommendation report issued for approval to award contract	Award contract	3	
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387	2%	Project scoped. Design and schedule prepared.	Procurement planning	2	Contractor market/ availability may affect construction timing.
341 - Low Cost Low Risk	Resilience	Kaitaia Awaroa 26991 (c/o from 19/20 currently in	61%	Construction progressing. Horizontal drain defect to be	Continue construction	3	Potential construction cost increase due to unforeseen ground conditions

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
		construction)		corrected by contractor.			
341 - Low Cost Low Risk	Resilience	West Coast Rd RP16005	64%	Construction progressing.	Continue construction	3	Financial - 33% cost increase due to excessive water ingress requiring replacement concrete encasements for piles
341 - Low Cost Low Risk	Resilience	Panguru Road	31%	All service relocations, earthworks, vegetation clearing and drainage work complete. Started pavement works 28th September.	Continue with pavement works	3	
341 - Low Cost Low Risk	Resilience	Sullivans Road	0%	Received tenders on 29th September.	Start evaluation process and award Contract.	3	
341 - Low Cost Low Risk	Resilience	Long Beach Road RP 294	1%	Completed evaluation process and awarded tender.	Construction to commence.	3	
341 - Low Cost Low Risk	Resilience	Various Design/Assessment for 21/22 projects.	0%	Engaged consultant to progress designs.	Finalising design outputs ready for acceptance and safety audit.	3	
341 - Low Cost Low Risk	Resilience	Waikare Road - mitigation contract	61%	Physical works complete.	Issue Practical Completion certificate.	3	
341 - Low Cost Low Risk	Resilience	Wharekawa Rd RP 3633	1%	Awarded contract. Site meeting held on the 31st July. Materials ordered but physical works to take place between October and December 2020	Follow up on materials ordered and confirm programme.	3	
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	77%	Shoulder widening, Seal and guardrail installation complete on all 9 guardrail sites.	final clean-up and line marking planned for first week of October.	3	1 month delay due to disruption to supply chain during Auckland Covid Level 3 lock-down.
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaeawai (Te Ahu Ahu & Old Bay Roads)	73%	Installation started	Continue installing signs. Site visit with contractor to check progress and discuss issues experienced.	3	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)	61%	Installation started	Continue installing signs. Site visit with contractor to check progress and discuss issues experienced.	3	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)	108%	Sign installations on Oruru Rd section complete. Additional traffic management was required.	Continue installing signs on Whangaroa, Fairburn and Peria Road sections	3	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	12%	Installation started	Continue with installation of signs	3	1 month delay due to disruption to supply chain during Auckland Covid Level 3 lock-down.
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	92%	Construction complete	Defects period will end July/August 2021	3	
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	92%	Construction complete	Defects period will end July/August 2021	3	
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	116%			2	Dependant on operational requirements/ expenses as and when required
341 - Low Cost Low Risk	Safety	Panorama Improvements Ln	100%			3	
341 - Low Cost Low Risk	Safety	Long Beach Road improvement	100%			3	
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	0%	investigation and designs	Continue with investigation and designs	3	
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017	1%	investigation and designs	Continue with investigation and designs	3	
341 - Low Cost Low Risk	Speed	Okaihau Triangle between SH1, SH10 and the Mangamuka's	0%	Detailed requirements and Scope of Works prepared for Contractor's pricing and programming	Seek quote, review and issue NTC to the maintenance contractor (BRS)	2	Possible delay due to supplier capacity
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	Final locations for the Pou are agreed from Iwi and Hapu meetings.	Engage with the contractor to start Pou installations.	3	4 monthly delay while Iwi and hapu agree final locations for Pou installations.
Footpath Renewal Unsubsidised	Footpath Renewal	SH12 Opononi	0%	Construction halted due to a site incidents	Restart construction	2	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%	Procurement plan approved. Being procured together as one contract with other new footpath works. Compilation of tender document started.	Advertise tender	3	
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	0%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start safety audit process.	3	
New Footpaths - Unsubsidised	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	0%	NZTA consultation on options reports completed and have subsequently engaged WSP to prepare a design to fit path on existing carriageway (retreat including lane reconfiguration and barrier installation).	Review and finalise design ready for NZTA acceptance and safety audit.	2	Cost likely to exceed budget and construction may be deferred.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Placeholder - Community Board to advise	0%			1	Programme to be supplied by CB
New Footpaths	New Footpath	Long Beach Road footpath	100%			3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
- Unsubsidised		corner to carpark-Russell					
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	5%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase	3	Ability of contractor to programme for timely delivery
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	4%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase	3	Ability of contractor to programme for timely delivery
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	8%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase	3	Ability of contractor to programme for timely delivery
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase	3	Ability of contractor to programme for timely delivery
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	2%	Design options report and plans reviewed. Finalising design outputs ready for acceptance and safety audit.	Accept completed design and start construction.	3	
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	4%	Construction work started 28 September.	Progress construction	3	
Resilience - Unsubsidised	Resilience	Panguru Road	0%	All service relocations, earthworks, vegetation clearing and drainage work complete. Started pavement works 28th September.	Continue with pavement works	3	
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	82%	Project Complete. Practical completion certificate issued.	Defects period ends Sep 2021	3	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)	0%	discussions with IWI held and aiming to complete post Xmas	discussions with IWI held and aiming to complete post Xmas	3	
Walking Facilities - Unsubsidised	New Footpath	Contingency	0%	Contingency for New Footpaths programme	Contingency for New Footpaths programme	1	Programme to be supplied.

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



## EXECUTIVE SUMMARY

New name, new report format, same people this month. The Ventia name has officially started to appear from 21st September. Our fleet, buildings and communications will all transition over to Ventia in the coming months.

With the big yellow starting to pop out of the clouds more and more during the early part of September we planned to get an early start on the pre-seals for the 20/21 season. These were completed on 25/9/20.

Pungaere Rd was sealed as soon as we were comfortable with overnight temperatures. The residents are very happy as it has been a long time since COVID put a hold on this being completed in March!

Sticking with sealing, our Sub Contractors commenced the resealing out West and East from the 14th of September and have completed 1/3 of the network to date.

Puketi Rd and Porotu Rd seal extensions continued with basecourse overlay on Puketi Rd and drainage/enabling works continuing on Porotu Rd. Purerua Rd rehab which is a carry-over from the 19/20 season is ¾ complete and will be sealed in mid-October. Okaihau Rd rehab drainage/enabling works commenced on 21st September.

MBIE (Ministry of Business, Innovation and Employment) funds have been spent on more litter collection with the marathon roads left until November for now. The Waipapa Rd gums were removed in the last week of September with another large tree removed up Paiaka Rd. TAG started the noxious weed and self-seeding spray round on Tuesday 22<sup>nd</sup> September and should be completed within 6 weeks so keep an eye on those weeds starting to droop and whittle away. Five labourers without work presently were trained up for two days by our structures/site rail expert and were then left to construct site rails to the new specifications with a Ventia site foreman/STMS managing them. The work they have done has been to an excellent standard and has kept them busy. We are aiming to keep all 5 on for the season as they have proven to be excellent workers.

Ruapekapeka Rd has had all the trees near the roadside removed from State Highway 1 up to the Pa site. It is worth a drive to see the difference in visibility and lighting and it's just the trees that have been removed. More work to following over summer.

Trees have been removed following the storm on Waimate North Rd, Raparapa Rd and Takou Bay Rd. All with significantly leaning trees thanks to the wind and rain that day. For good measure trees were also removed on Horeke Rd and Major Bridge Drive.

Work is still being carried out on the less urgent storm damage dispatches. This will keep going in the background for the next 3 months at least.

## WORK PROGRAMME

A total of 2108 individual work items were completed throughout the month of September. of which 1189 were routine find and fix issues, 444 were cyclic or part of annual rounds, 155 were programmed works, 15 were renewals/capital projects, and 305 were callouts or emergency response works.

October forward works programme has been submitted in RAMM.

## ROUTINE WORKS COMPLETED

Routine maintenance activities completed in September:

- 552 sealed potholes repaired
- 2786 unsealed potholes repaired
- 171 km of unsealed roads graded equating to 21% of the total unsealed network.

## DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in September:

- 127 Culvert ends cleared
- 10m Culvert pipes replaced/new
- 493m of heavy water tabling
- 55m of light water tabling
- 55 Culverts flushed



Long Beach – Large Headwall installation

## ROUTINE INSPECTION REPORT

**Sealed** - There are currently 20 sealed inspections running overdue.

**Unsealed** - There are currently 3 un-sealed inspections running overdue.

**Drainage** - There are currently 33 drainage inspections running overdue.

## ORDERED WORKS

- 639m<sup>2</sup> of footpath replacement/renewal was completed in September.
- 1410m<sup>3</sup> of Maintenance metal was applied to the unsealed network

Work commenced in late September on Blacks Road, Kerikeri. Construction of a new footpath the length of the road. Services were located and drainage completed in week one. There will be two more weeks on site in October.

## ROAD FURNITURE ACTIVITY

- 16 new signs installed or replaced (damaged or missing)



- 13 signposts replaced
- 14 signs re-re-erected or straightened

## STRUCTURES

- 3m Handrails replaced
- 93m Rail barrier renewal

## MBIE FUNDING

### Litter Collection

The rubbish collection paused in early September and will recommence in November just before the Marathon on Wiroa Rd and Wehirua Rd. These two roads will complete the programme.

### Noxious Weeds/Self Seeding pines spraying

TAG commenced spraying in late September with results already noticeable when driving along these roads. Wiroa Rd, Waiare Rd, Waipapa Rd, Haruru Falls Rd, Te Ahu Rd, Old Bay Rd. More spraying over the next 4 weeks.

### Tree Removal

7 gum trees were removed along Waipapa Rd that were getting very large and starting to drop limbs on the berm/road shoulder. A large dead pine was also removed from Paiaka Rd. Aucks Rd is next on the list for removal under MBIE funding.

### Sight Rails

The crew completed 50% of the list identified early on with the remainder to be completed in October/November.



Sight Rail installation – Russell-Whakapara Rd

## RESEALS

Reseals commenced ahead of planned, 1/3 of the reseal list already completed by the end of September. All the outlying sites have been completed on roads such as Rawene Rd, Rawhiti Rd (North & South), Maromaku-Towai Rd, Pokapu Rd, Waimatenui-Matarau Rd. The preseals have also been completed ahead of time, all sites that weren't clean (requiring repairs before resealing) will be ready within the next 4 weeks. Reseals targeting a completion date now of December as opposed to the original January 21 indicated.



Old Bay Rd – Pre sealing Convoy



Downers – Rawhiti North Rd

## PAVEMENT REHABS

### Purerua Rd – RP6251 – 6794

Physical Works – Dish channel poured in September including sub soil installation. Pre hoeing and overlay completed ready for stabilising/sealing in early October 20. Target Completion – To be completed in Mid-October.



Subsoil/dish channel installation & Pre hoeing – Purerua Rd

### Pungaere Rd – RP5547 - 6572

Physical Works – Commenced in February Target Completion – Sealed on 16th September 2020 and linemark.



### Horeke Rd – RP11570 - 12580

Test Results – Test pits received on 24/7/20, awaiting Soaked CBR results.  
Survey – Completed  
Design – 80% completed, safety audit complete  
Physical Works – Commencing on 8/10/20  
Target Completion – 22/12/20



Chipsealing – Pungaere Rd

### Okaihau Rd – RP1235 - 2311

Test Results – Test pits received on 21/7/20, awaiting soaked CBRs for final design confirmation.  
Survey – Completed  
Design – 90% completed, safety audit complete  
Physical Works – Commenced on 21st September 2020. Drainage and water tabling underway.  
Target Completion – 30/11/20



Water tabling / Shoulder Check outs – Okaihau Rd

### Seal Extensions

#### Porotu Rd – RP0 – 1380

All enabling works were completed in September with subbase pavement to commence in October. The target for sealing is Mid November 20.

**Puketi Rd – RP0 – 1000**

All basecourse pavement was placed in September with stabilising and sealing to round out the pavement rehab in early October.

**Koropewa Rd – RP15 – 1833**

Test Results – Received  
Survey – Completed  
Design – 100% complete. To be submitted on 3/9/20  
Physical Works – Commencing on 26/10/20  
Target Completion – 22/12/20

**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 – Commencing 15/10/20  
Target Completion – 15/3/21

**Ngapipito Rd – RP3500 - 8435**

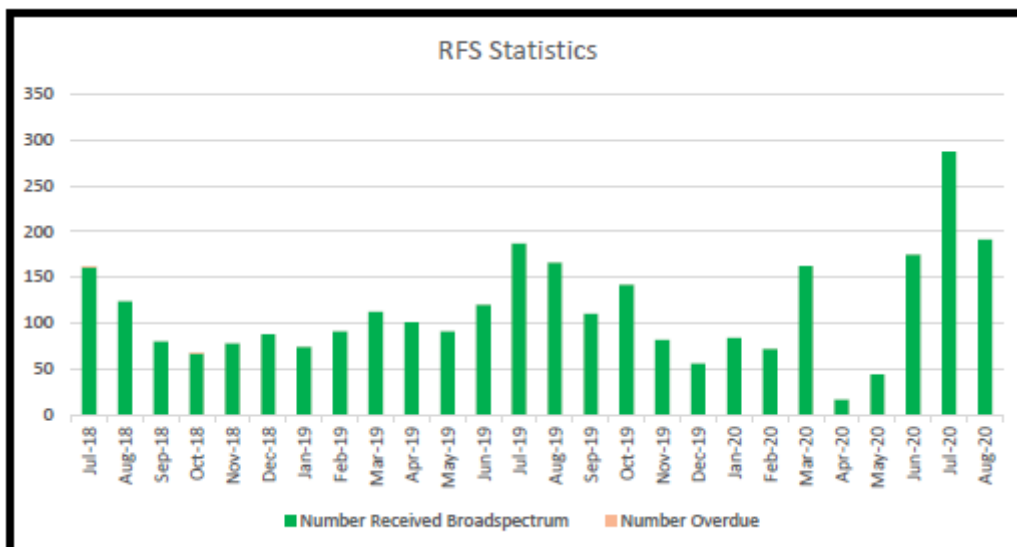
Test Results – Received, awaiting on Soaked CBR’s on site material  
Survey – 100% complete  
Design – 60% completed, Safety audit received  
Physical Works – Commencing 19/11/20  
Target Completion – 31/3/21

**ROAD ACCIDENT REPORT**

No road accidents to report this month.

**CUSTOMER SERVICE ISSUES/COMPLAINTS**

RFS statistics for August were available at the time of this report. Ventia received 191 service requests during August 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



*Received 9th September 2020*

*Subject: MBIE Litter pick up and tree removal*

*Hey there Stu and Elbie*

*Working from home is great. I have got to observe out the window the great progress that your team has done in addressing the stormwater issues on the stretch of Pungaere Road that I live on.*

*Not only are they doing a great job, they are approachable people. I have had numerous chats with the team out here and the work looks very good. I appreciate that you can only do what you can do (You can't stop the weather) but from what I can see this work is as best as can be done without some major surgery on the stormwater network up here. They are back today to finish from what they told me yesterday.*

*Great work, responsive, fantastic.*

*One really stoked ratepayer and customer of Council.*

*Thanks*

*Roger*

## 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 August we had no notifiable incidents to report.

A member of our MBIE sight rail team was using a prybar to dislodge a large rock from inside the wheel he was digging. The prybar has slipped from the rock and caused him to fall back on his backside. The prybar has then struck his hand (with gloves on) and split the skin on his thumb. This required 4 stitches and he was back to work the following day carrying out light traffic control duties.

## ENVIRONMENT

In September we had no notifiable incidents to report.

Two dump sites used for storm slip debris were hydroseeded on Ngapipito Rd and Pipiwai Rd to stabilise the material and ensure no sediment is discharged into waterways nearby.

## 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	0% completed
Rural Vegetation Spraying	5% completed

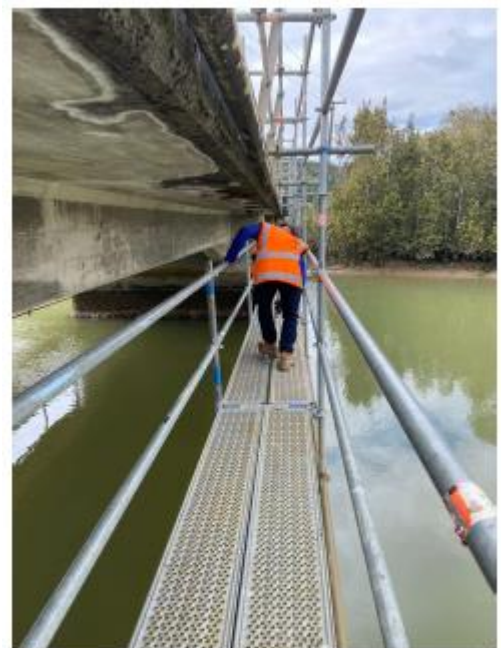
## COMMUNITY ENGAGEMENT

Prepared a set of traffic management plans for the Eastern Bay of Islands preservation society for roadside litter collection.

## FNDC Construction Projects

The following projects are currently in progress:

1. Scour Protection 2020 – FNDC South – 92% completed as at end of August.
2. General Bridge Maintenance 2020 – FNDC South – 1 Bridge to complete.



Horeke Rd Scaffolding installation for Spalling Repairs



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



## SUMMARY OF WORK

Item Number	Item Number
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
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
DR08.6	Channel Sweeping High Leaf Fall
DW1.10	DW - Excavator 07 - 14 tonne
DW1.13	DW - Static roller 10 - 12 tonne
DW1.19	DW - Truck (4 - 6 m3)
DW1.2	DW - Grader (12 - 14 tonne)
DW1.20	DW - Truck (6 - 8m3)
DW1.21	DW - Truck & trailer (8 - 16m3)
DW1.8	DW - Mini Excavator < 3 tonne
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
FP02.2	Path Concrete Vehicle Crossing Placement
IN01.1	Sealed Road Core Inspections
IN02.1	Unsealed Road Core Inspections



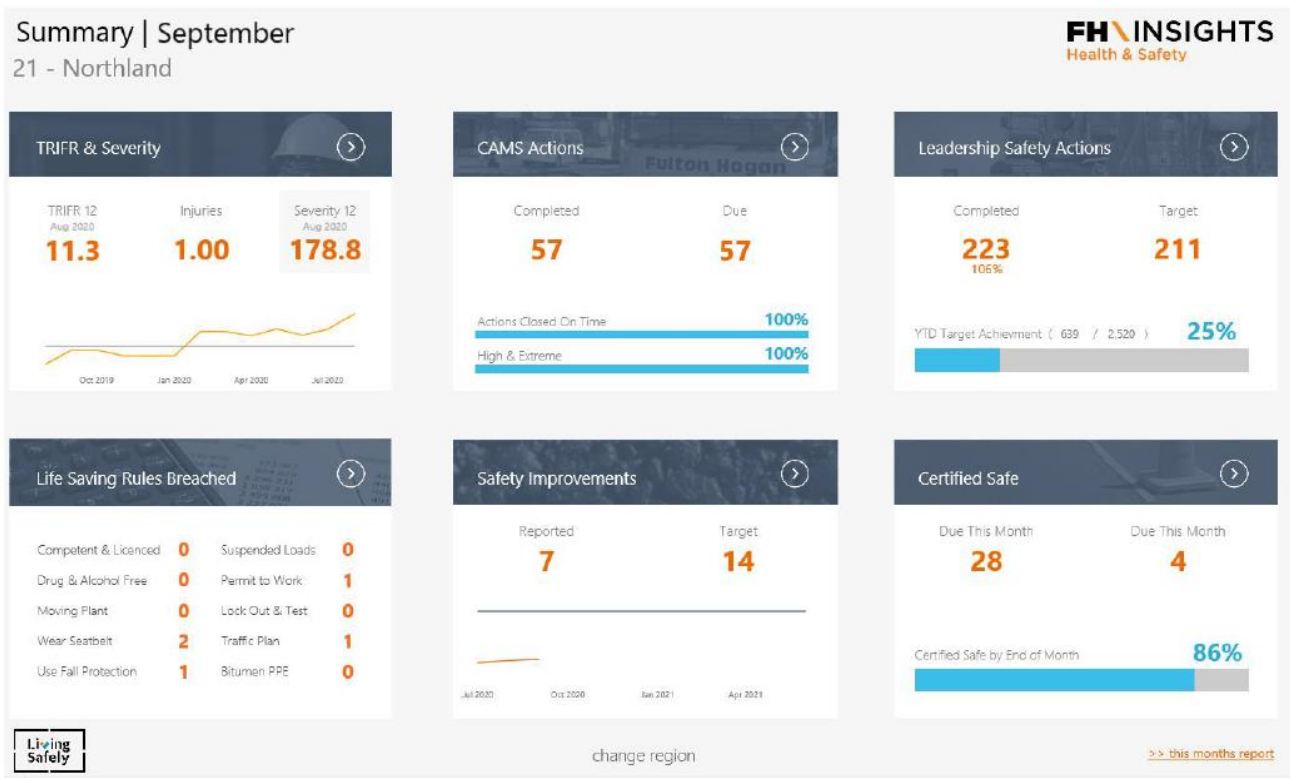
Item Number	Item Number
IN03.1	Drainage Inspections
SG01.1	Routine Sign Mtce
SG01.1.1	Sign Mtce (Routine)
SG03.1	Sign - Remove and dispose of sign and post
SG03.2	Sign - Remove and dispose of sign
	Sign - Street name(150mm) Residential Rds 800-1100mm
SG04.13.2	VIP d/s
SG04.13.3	Sign - Street name Residential Rds NO EXIT supplementary
SG04.16.1	Signpost - Wooden up to 3.5m long white gloss painted
SG04.16.2	Signpost - Wooden 3.6 - 4.0m long white gloss painted
SG04.17.1	Signpost - Galv Steel pole 3.5-4.0m @ 60mm dia white
SG04.17.2	Signpost - Galv Steel pole 4.0-4.5m @ 76mm dia white
SG04.3.1	Sign - Chevron Mini PW67 VIP s/sided
SG04.3.2	Sign - Chevron 600mm Standard PW66 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
SG04.8.2	Sign - PW Supp 750 x 300mm VIP s/ided
SG04.8.3	Sign - PW25 Supp Curve Advisory Speed
SG04.8.4	Sign - RM6 Bridge End Markers
SP00.2	Sealed Pvmt Renewals Dayworks (PS)
SP01.1	Routine Sealed Repair of Potholes
SP01.1.1	Sealed Repair of Potholes (Routine)
SP02.1	Routine Edge Breaks (<=1m)
SP02.2	Edge Breaks (>1m)
SP03.1	Temporary Pvmt Failure Repairs
SP09.2	High Shoulder removal
SP12.1	Routine Detritus Removal
SP18.1	Rehab - Cut to waste and dispose
SP18.3	Rehab - Supply place & compact AP65 Agg (loose meas)
SP18.4	Rehab - Supply place & compact AP40 Agg (loose meas)
SP18.6	Rehab - Stabilise 250mm (<2% lime/cement)
ST01.1	Routine Bridge Maintenance
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)
UR01.1	Routine Unsealed - Pothole Repairs
UR01.1.1	Unsealed - Pothole Repairs (Routine)
UR02.1	Routine Unsealed - Surface Grading

Item Number	Item Number
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)
VC05.1	Vegetation - Roadside spraying
VC05.2	Vegetation - Edge Spraying

## HEALTH & SAFETY

Employee installing signs hurt knee by kneeling on road/stone resulting in swollen knee requiring time off work to recuperate.

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	1	2	20
Medical Treatment Case (MTC)	0	0	825
First Aid Injury (FAI)	0	0	825



## QUALITY AND TRAINING

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

Nil non-compliances to report.

### **Notice to Contractor issued**

- NTC 45 Redeployment New Footpaths
- NTC 46 Te Hiku Ward Footpath Renewals

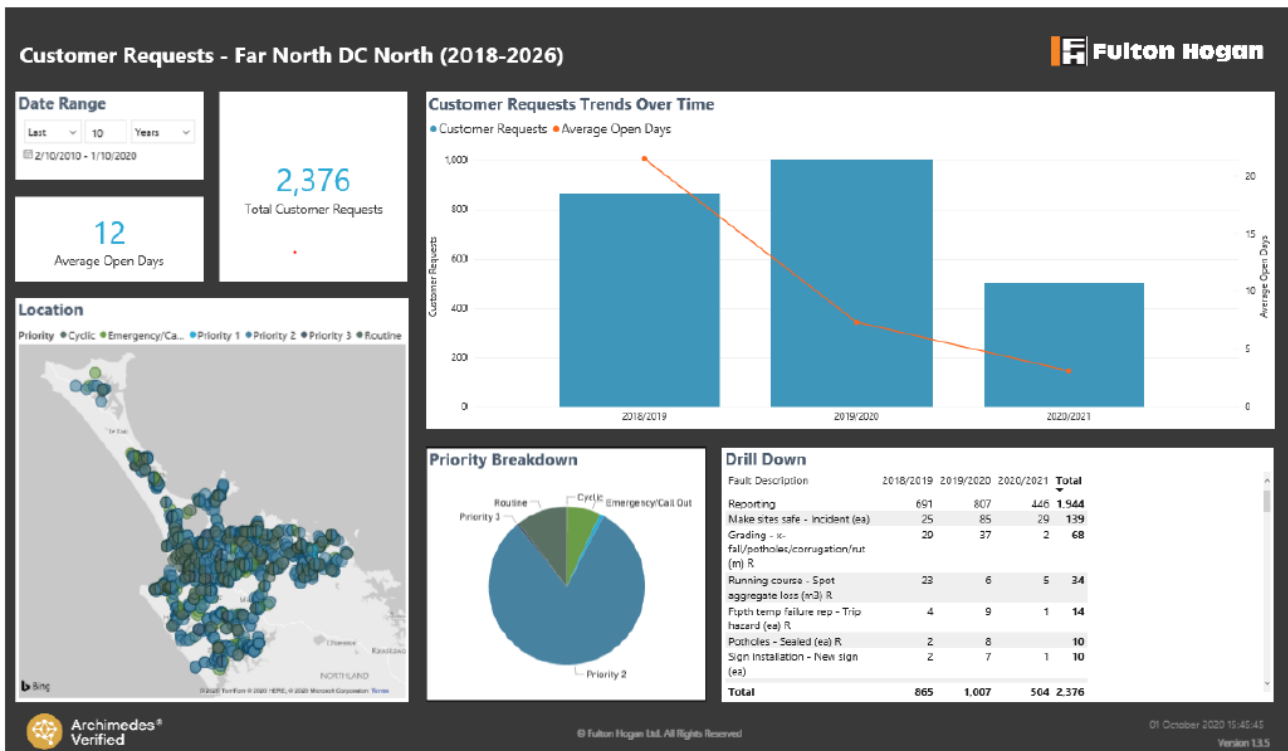
### **Training**

Inductions for Subcontractors.

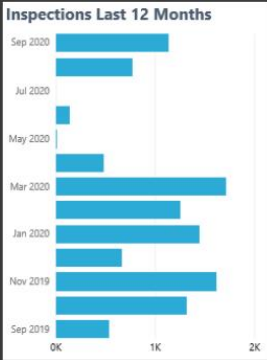
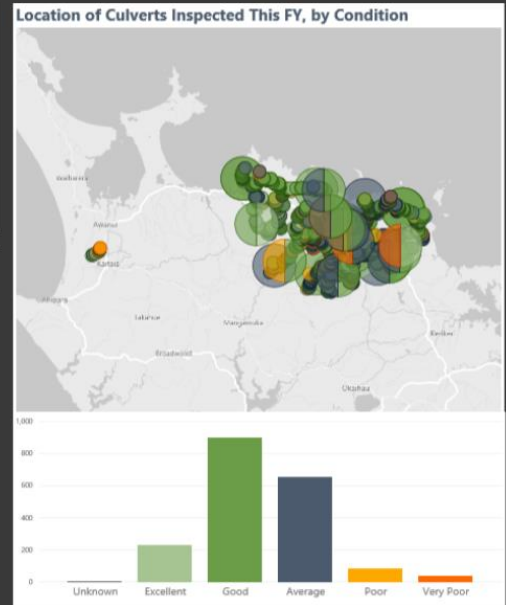
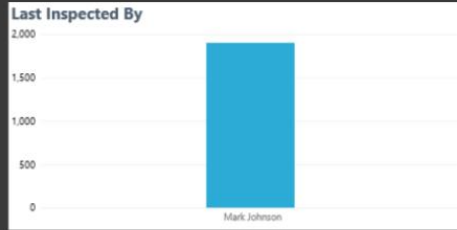
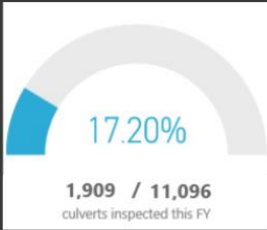
### **RAMM Issue for the month**

Nil.

## CUSTOMER SERVICE



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



Recent Inspections

Date	Asset ID	Road	Staff Name	Condition	Note
29/09/2020	23323	GOSHEN VALLEY ROAD	Mark Johnson	Average	Unknown
29/09/2020	23324	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown
29/09/2020	23325	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown
29/09/2020	23326	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown
29/09/2020	23327	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown
29/09/2020	23328	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown
29/09/2020	23329	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown
29/09/2020	23330	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown
29/09/2020	23331	GOSHEN VALLEY ROAD	Mark Johnson	Good	Unknown

FEEDBACK

Thu 3/09/2020 7:58 AM  
**URLICH, Freya**  
 Positive Feedback - MBIE Rubbish Pickup Inland Rd

Morning All,

Great to see some positive community feedback from our first roadside litter collection that is underway this week.

Regards

Freya

**Karikari Area Community Group**

Write a comment...

**Ian Francis Burke** 13h ·

Awesome to see a group of young people picking up the roadside litter on Inland Road today. Thanks to whoever organized this & to the guys & girls doing the mahi. And to those who throw bottles & cans & nappies, fast food waste & etc, from their vehicles please show some respect & take some pride in this community & stop doing so.

43 14 Comments

## OCTOBER PROGRAMME

- The maintenance activities programmed for September 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 have started.
- Running in of metal to begin on the West Coast Rd flood protection works.
- Gill Rd metal overlay will be completed, move to Bonnetts Rd to do wet roll and grade. Then move north to Henderson Bay Rd to do overlay and wet grade and roll, Rawarawa Rd wet roll and grade and then move to Te Hapua Rd.
- Watertabling, clearing, tree work, culvert replacement, will start and be ongoing on Peria Rd seal extension.



**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. We have a plan to complete 102 lane km this season and 8 SCRIM sites.
Low Cost / Low Risk	\$5.3M	15%	Amber	<p><b>Far North District Council Projects</b></p> <p><b>Resilience projects:</b> SH1 Otiria Flood Mitigation due to COVID19 has been tendered but the start date has been moved to end of the year;</p> <p><b>Safety projects:</b> Moerewa Pedestrian Safety concept approved by Community additional funding has been made available via Walking &amp; Cycling for a raised platform pedestrian crossing to be designed. Kaeo Pedestrian Safety concept design completed consultation with Community board completed with an Open Day for public consultation (due to close end Sept); SH1/North Road (Kaitaia) Intersection design is completed and pricing for construction is underway.</p> <p><b>Walking and Cycling Projects:</b> SH11 Haruru Falls Design – geotechnical works completed. Working with NTA to progress a way forward. SH1/North Road (Kaitaia) Intersection design is completed. NTA has been consulted and we are confirming final pricing with contractors.</p> <p><b>Kaipara District Council Projects</b></p> <p>SH12 Signs &amp; Delineation West of Maungaturoto programmed for construction.</p> <p><b>Other</b></p> <p>Four projects are to be delivered this financial year with signage targeting safety on SH15, SH11, SH10 and SH1 Cape Reinga. All are in design with delivery early January.</p> <p><b>Mangamuka Gorge:</b> The Gorge is closed due to the July Storm Event. Remedial works is underway to protect the road so one lane can be opened to light vehicles. Design options are being finalised for permanent repairs.</p>
SH1: Dome Valley Safety Improvements	\$31.7M	Late-2021	Green	<p>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. Stages 3 and 5 are planned to start later this year.</p> <p><a href="#">SH1 Dome Valley   NZ Transport Agency</a></p>
Northland speed review		TBD 2020	Amber	<p>We are still finalising an outcome for the SH10 Awanui to Pukewhai Road speed review, investigating the use of signage and variable speed limits outside the two marae, in addition to speed limit changes. We expect to be in a position to finalise and communicate the outcome within the coming months.</p> <p><a href="#">Speed Review Locations   NZ Transport Agency</a></p>
SH1 Whangārei to Te Hana - Whangārei to Port Marsden Highway - NZ Upgrade Programme - Port Marsden Highway to Te Hana		Late – 2027/8	Green	<p>Public consultation is underway on two shortlisted route options for the four-lane corridor between Whangārei and Port Marsden Highway (SH15). Both options include a widening of the urban corridor (Tarewa to Toetoe Road) to four lanes. Feedback closes on 23 October.</p> <p>The preferred option will be confirmed within the next two months, through the development of the Single Stage Business Case (SSBC). Lodgement of Notice of Requirement and resource consents is currently programmed for late-2021, with construction programmed to commence in late-2023/24.</p> <p>The Port Marsden Highway to Te Hana section is not funded by the NZ Upgrade Programme and therefore funding is required to complete the SSBC.</p> <p><a href="#">Whangarei to Te Hana   NZ Transport Agency</a> <a href="#">Whangarei to Port Marsden Highway</a></p>
SH1 Whangārei to Wellsford Standard Safety Intervention (Safe Network Programme)	\$4M	Underway	Green	<p>Pre-implementation is underway for Whangārei to Port Marsden Highway (Northern) section. Subject to funding and approvals, implementation is programmed for early-2021.</p> <p>Construction (at the northern extent) will be coordinated with the Loop Road project.</p> <p>Planning for the Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford) sections is progressing.</p> <p><a href="#">SH1 Whangarei to Wellsford   NZ Transport Agency</a></p>
SH1 Warkworth to Wellsford		Route protection	Green	<p>Auckland Council resource consent hearing commenced 6 October in Warkworth and is expected to take two weeks.</p> <p><a href="#">SH1 Warkworth to Wellsford</a></p>
SH1 corridor	\$53.34M	Early-2020	Green	Minister Jones, ably assisted by Mayor Mai and other dignitaries, cut the ribbon to formally open the new shared path under the Otaika Bridge on

Activity	2018-21 NLTP	Completion	Progress	Commentary
improvements – Whangarei (Tarewa Road)				Thursday 8 October 2020. The shared path provides better, safer connections to the CBD, Hospital and North Tec for people wanting to ride a bike or walk. A striking mural is planned for the wall beneath the bridge designed and painted by Dr Benjamin Pittman with help from children from the Horahora Primary School. The project is planned to complete late October 2020 at which point the traffic lights at the intersection of SH1 and Tarewa Road will be operational. <a href="#">SH1 Tarewa Road Intersection Improvements   NZ Transport Agency</a>
SH1 Loop Road Safety improvements	\$48.76M	Early 2022	Amber	The roundabout traffic switch is programmed to occur overnight on Sunday 18 October, with traffic using the roundabout from 6am Monday 19 October. Operational speed will be 30km/hr for first 1-2 weeks as traffic adjusts to new layout, raising to 50km/hr thereafter. Completion of the detailed design for the dual-lane scheme remains on programme for this month. Regional consents have been lodged with Council. <a href="#">SH1 Loop Road Safety Improvements   NZ Transport Agency</a>
SH10 Kaeo bridge	\$21.95M	Late 2022	Amber	This project is in the design phase. Contract negotiations are still underway. We are hopeful the project will begin construction by the end of 2020. The resource consents have been approved by Far North District Council and the Northland Regional Council. All property agreements have been signed. The archaeological authority has been issued. A wildlife permit has been granted. We are working with local iwi/hapū on cultural design elements. <a href="#">Kaeo Bridge   NZ Transport Agency</a>
SH10 Waipapa corridor improvements	\$24.5M	Early 2021	Amber	A temporary roundabout is now in place. Road pavement work and kerb and footpath installation is underway across the site. Road surfacing is likely to begin in mid-late October. The roundabout and road approaches are on track for completion by December 2020, with the remainder of works to be complete by April 2021. <a href="#">SH10 Waipapa Corridor Improvements   NZ Transport Agency</a>
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	\$6M	Mid 2021	Green	Widening of state highway shoulder completed, traffic switched to temporary intersection and construction of retaining wall underway.
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.
SH12 Rawene Road intersection improvements (NZ Upgrade Programme)	\$0.5M	Late 2020	Green	A second hui with Ngāpuhi is planned pre-construction. Construction is scheduled to begin in October and be completed in December.



# 3 WATERS OPERATIONS

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

## EXECUTIVE SUMMARY

During the month of September Far North Waters experienced no LTI's or MTI's, and we are currently operating with 1096 days LTI free. We attended 391 requests for service (RFS) call outs in September, up from 326 in August. Planned Maintenance (PM) for September was 25% out of a total of 186 jobs, down from 54% in August.

On the 28th of September, Guillaume de Rouvroy, has been appointed as Business Manager, Alliance Manager, in replacement of David Webb.

For October, focus will be on:

- Finalising the 20/21 TOC
- Scheduling the current year plan of project works.



## CHALLENGES

### **Lake Omapere equipment**

Due to the ground conditions as described in the monthly report in August, all equipment has been removed with a heavy lift helicopter (10 September). Demobilisation is completed at the lake, however there is still some reinstatement to complete in October, weather permitting.

### **Ngawha Pressure sewer**

A shortage of pumps has caused issues with being able to have the system operating effectively, resulting in additional costs for daily sucker trucking the waste offsite.

### **Omanaia Water Treatment Plant**

Regular water loss between Omanaia WTP and Rawene has started to arise, identified during analysis of SCADA trends. Leak detection has resulted in two significant leaks have been located and repaired. Due to the age of certain areas of this water line, leaking continue to be a problem so close monitoring is required.

### **Kawakawa Water Treatment Plant**

Work continues at the plant and during September this has been mainly electrical. The plant is now operating on the new caustic system. While still challenging, financially, the aim is to complete by the end of October.

## RISK

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

1. District water supplies over summer period.
2. Age and reliability of Plant PLC's.
3. Condition of Kerikeri Water Treatment Plant Clarifier and Filters.

## HEALTH AND SAFETY

During September there have been no Lost Time Injuries (LTI's) or Medical Time Injuries (MTI's) and we are currently operating at 1096 days LTI free.

## Audits – CPC and OPC

- Location Compliance Certificates have been received for Kerikeri, Paihia and Monument Water Treatment Plants (WTP).
- Kaitaia WTP expected within the next week.
- Opononi and Taraire WTP currently proposed work to remedy actions under review with consultant and client.

## Training

- Training relating to Crane Operation and Advanced (Defensive) Driving have been scheduled for October.

## Wellbeing

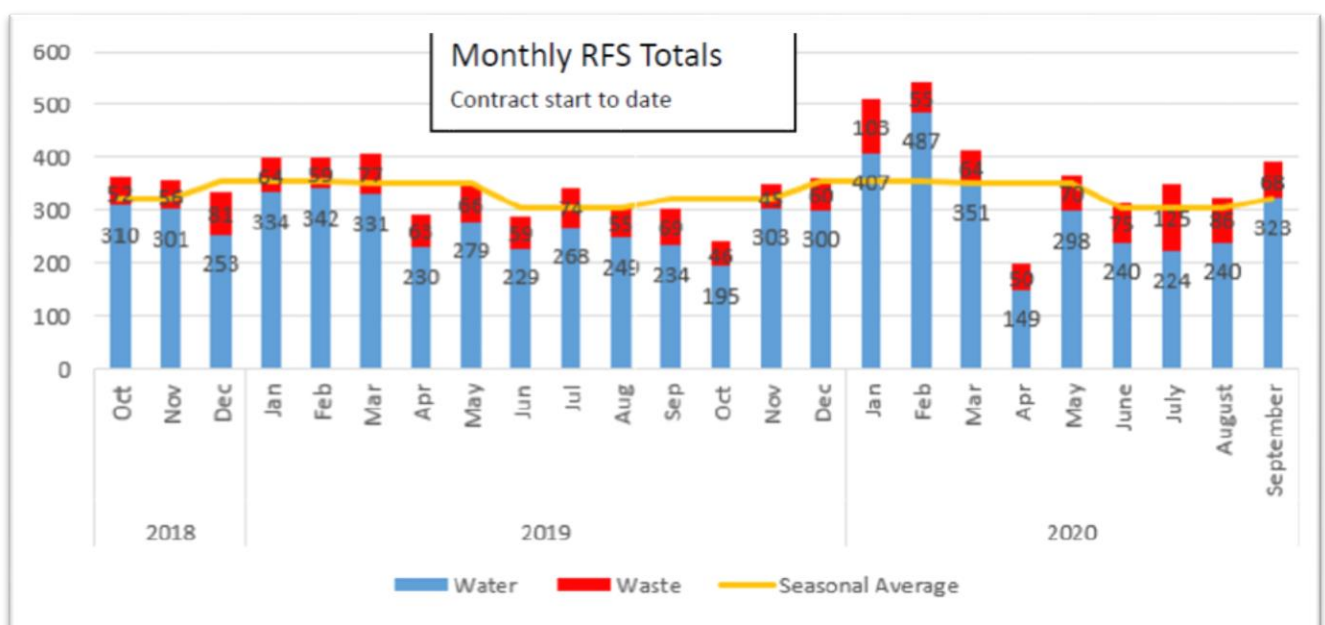
- Annual Health Monitoring will start in October and November, ensuring we cover staff in Kaitaia and those working from home during Covid-19 Level 2;
- Wellbeing of staff members mental health is an ongoing topic of conversation given the ongoing concerns relating to COVID-19 restrictions, and especially leading into the forecast summer drought which increases the normal volume of work.

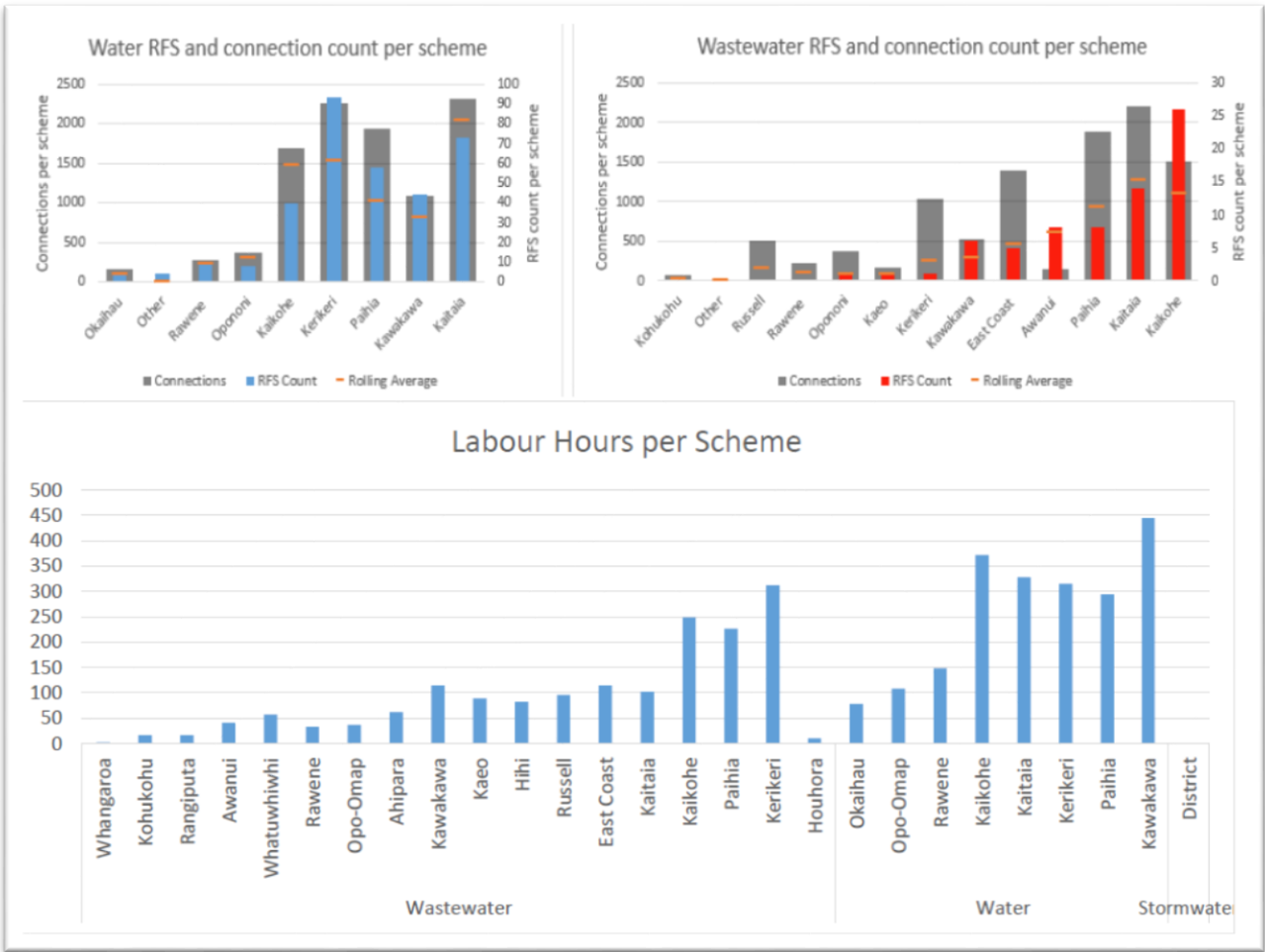
## Key Activities

- HSE Field staff meeting scheduled 8th October 2020.
- Focus on toolbox talks for October - Pre-Task Planning

## CUSTOMERS

The request for service (RFS) total for September is 391, down from 326 in August and up from 349 in July. The total for September is up from the same time last year, which was 303 RFSs.





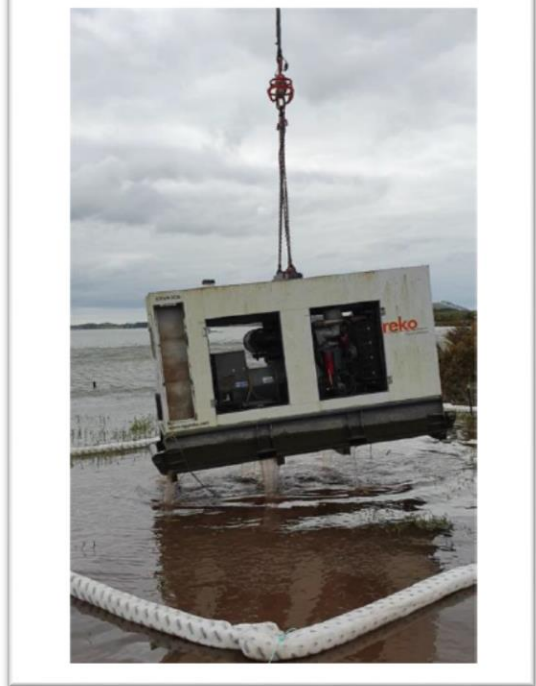
**PROJECTS**

- A program has been developed for the 2020-2021 known schedule of work with a value of \$2,219,516.00. Other work will be required to meet targets necessary to recover Project OHs.
- Projects are reaching the end of the previous year works and will require the 2020-2021 work to be released shortly. Reaching out for work outside of the “Long term Plan” will be a priority to reach targets and to retain staff.

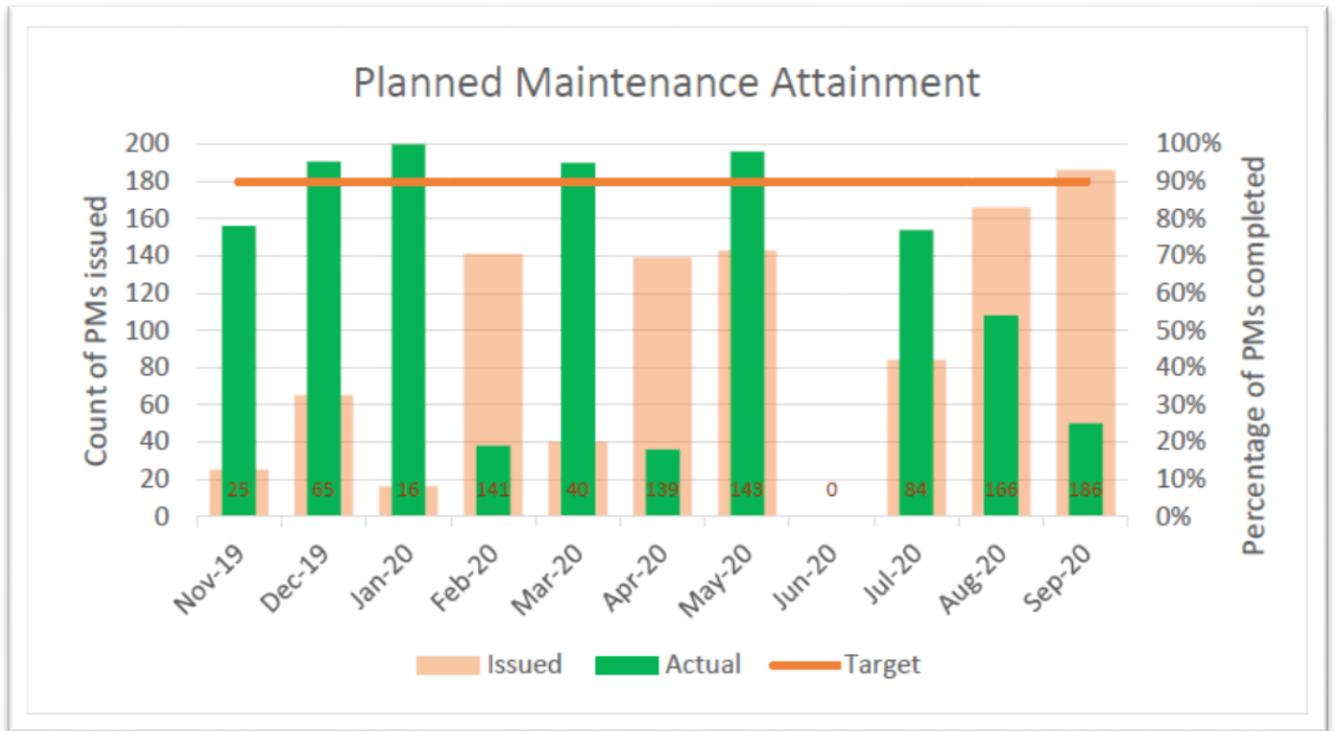
**ASSETS**

Planned Maintenance for the month of September was 25% completed with most work at the Kawakawa Water Treatment Plant, Russell water bore and Hurapara Stock pump station. The balance will be completed over the next two months.

*Lake Omapere – Heavy lifting with helicopter*



There continues to be 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 recommendations from the independent review and install COMPACTLOGIX 5380.



For WATER AND WASTEWATER RMA COMPLIANCE REPORT – SEPTEMBER 2020, please see page 46.



**PUKETONA  
JUNCTION  
INTERSECTION  
IMPROVEMENTS –  
CONSTRUCTION  
UPDATES**



## UPDATE – 4 SEPTEMBER

The temporary road construction continues to be our main focus. A bit of rain has made things interesting, but progress remains strong.

We are planning to switch traffic onto the temporary road in a few weeks' time. Attached is a pdf showing the location of the temporary road and how the sequence of the traffic shift will occur. This will be well signposted, and drivers will be instructed by our traffic management crew. However, if you have any questions about this activity please drop me a line.

Below is an overview of what we will be working on over the next couple of weeks.

### From Monday 7 September

- Drainage and underground service installations continue
- Laying metal for the temporary road construction on both SH10 and SH11. The temporary road will be chip sealed just prior to the traffic switch later in September.
- Top Energy continue relocating power poles that are in the road construction area. The power is planned to be switched over to the new lines mid-September.

In the attached images:

200904\_1: While we are building the temporary road in this area, we are also widening the road as part of the permanent works. This creates efficiencies later in the construction program, meaning we won't need to revisit this operation later down the track.



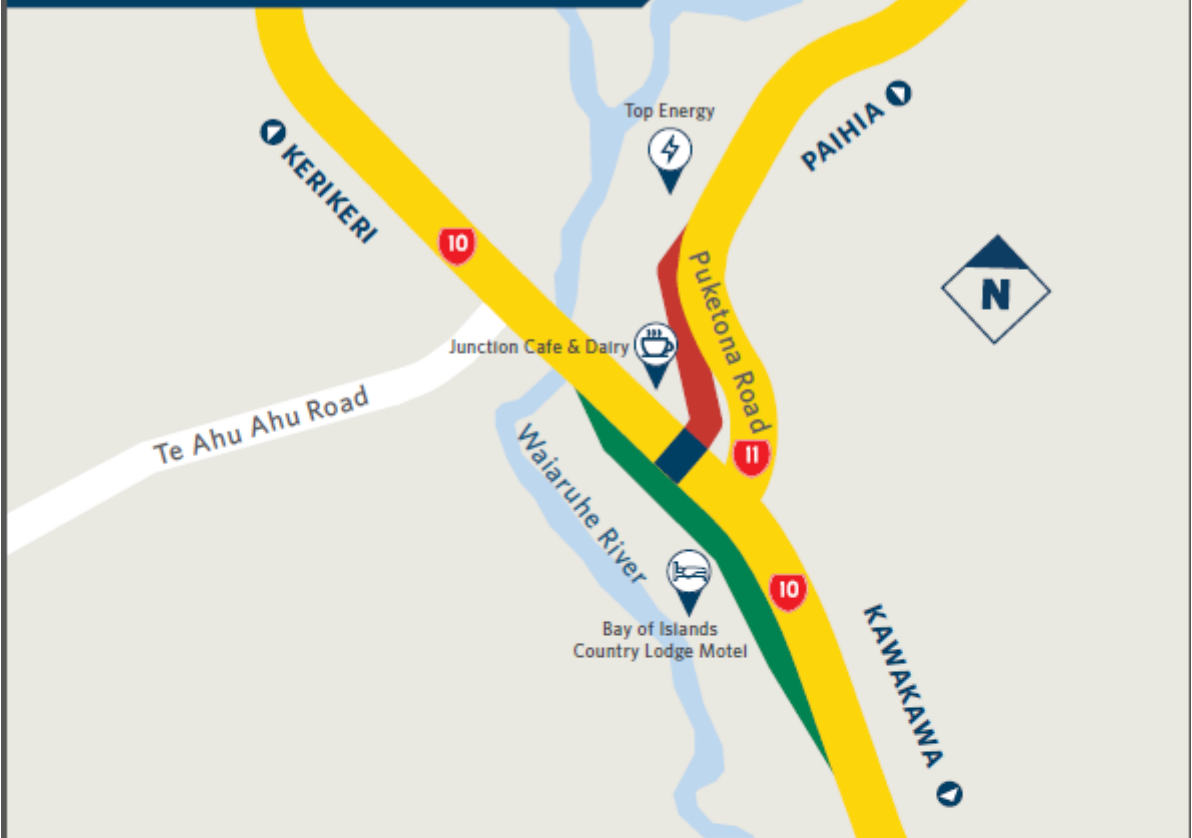
200904\_2: Here you can see the temporary road taking shape in front of the Junction Café. This is the red section shown in our attached graphic. The section of existing SH10 you can see between here and the temporary road outside BOI Country Lodge is the blue panel in the attached graphic.



Please forward this information to anyone who may be interested, or who would like to send me their contact details to stay up to date with construction progress.



# 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 – 18 SEPTEMBER

The temporary road on SH10 will be sealed next Monday and Tuesday, in preparation to shift traffic onto this section of temporary road next Thursday, 24 September. Attached is a graphic in explanation of the sequencing of this operation, please feel welcome to share this.

Below is an overview of what we will be working on in the coming weeks.

### **From Monday 21 September**

- Chip sealing and asphalt on SH10, followed by line marking.
- Barriers on SH10 will be shifted slightly towards the temporary road, to allow for construction on the existing SH10 once traffic has been moved.
- On Thursday 24 September, SH10 traffic will be shifted onto the temporary road. This will be done with manual traffic control and under a 30km temporary speed limit. The new road will be clearly marked and the existing intersection with SH11 will be extended out to meet the temporary road. Please drive with care as everyone adjusts to the new layout and be patient with other motorists.
- The intersection tie in between the two sections of temporary road will then be built on the existing SH10 (blue area in attached graphic).
- The temporary road on SH11 will continue to have metal added and compacted, with stabilising programmed for the last week of September. Chip sealing, asphalt, line marking and the shift onto SH11 temporary road are planned for early October.
- Earthworks for the roundabout and permanent new road will then begin behind the barriers on the existing SH10 / SH11. The first activity we will launch into is the considerable drainage installations that need to occur under the ground before we can start building on top of it.

Our work activities are weather dependent. If we get any significant rain that impacts on our program for the traffic shift, we will notify you of any changes during the week.

Thank you for your patience while we have worked through the first part of construction on this busy stretch of state highway. We appreciate the courtesy shown by drivers and look forward to delivering this first major milestone to our community.



**KAWAKAWA  
INTERSECTION  
IMPROVEMENTS –  
CONSTRUCTION  
UPDATES**



## UPDATE – 4 SEPTEMBER

The majority of the construction activity is currently on widening the road shoulder on the Johnson Park side of Queen St (SH1). This will allow us to build the temporary road and intersection, so that the main intersection and roundabout construction can happen behind barriers and away from traffic.

Below is an overview of what we will be working on over the next couple of weeks.

### **From Monday 7 September**

- A large culvert under SH1 will be installed from Monday 7 September. This activity will be conducted under ***night works for four consecutive nights***. Manual traffic control and a 30km temporary speed limit will be in place between 6.30pm – 6.00am.
- We will continue completing the shoulder widening on Queen St and surfacing it with asphalt. Once this is done, a guardrail and temporary barriers will be installed so work can begin on the retaining wall. When these barriers are in place we can work away from the traffic and use manual traffic control (stop/go) only occasionally.
- We plan to asphalt the shoulder of the temporary road in the week beginning Monday 14 September. The new temporary intersection will need new road markings, and this will happen at night, under manual traffic control and a 30km temporary speed limit. We will then shift traffic onto the new intersection/temporary road. This will take place early one morning and a date for this will be communicated to you closer to the time.
- Work will begin on the retaining wall (behind barriers) after the traffic shift onto the temporary road mentioned above.
- Earthworks will begin mid-September on the corner of SH1 / Kawakawa intersection. This will occur behind barriers and away from traffic. The existing corner will be excavated to allow better visibility for state highway traffic.

Please forward this information to anyone who may be interested, or who would like to send me their contact details to stay up to date with construction progress.

Attached photos are:



200903\_1: Excavation of the temporary intersection corner/shoulder to build the temporary road.



200903\_2: The shoulder being widened to construct the temporary intersection to allow the new intersection to be built. In a few weeks, this will be a traffic lane(s).



200903\_3: Access to Johnson Park and public toilets is now from parking on Waiomio Road.



200903\_4: One of the reasons we have closed off public access to the car park off SH1 is due to construction heavy vehicles such as this 6-wheeler needing to access the site. We must separate public vehicles from our construction movements for everyone's safety.



## UPDATE – 11 SEPTEMBER

In our last update we told you we would confirm the date for our traffic shift onto a temporary intersection for the construction period of the roundabout:

- We plan to asphalt the shoulder of the temporary road (Queen St/SH1) in the week beginning Monday 14 September. The new temporary intersection will need new road markings. We will then shift traffic onto the new intersection/temporary road.

We have been able to eliminate the need to do this work at night, and instead will conduct these works from 9am – 3pm, on Tuesday 15 September. Manual traffic control and a 30km speed limit will be in place.

Initially the modified layout will be set out with cones, while we get set up to install the barriers that will separate the construction area from state highway traffic. Installation of the barriers will be done across the following days.

Please keep in mind that Queen Street traffic lanes will shift closer towards the park on this day, utilising the extra road width we have been building over the last few weeks. Queen Street lanes and SH1/SH11 lanes will be narrower to allow for construction. There will be no right-hand turning bay for traffic exiting SH11 and turning into Kawakawa for this phase of works.

We ask that everyone remains patient with other drivers and drives with care through the new layout.

## UPDATE – 18 SEPTEMBER

We delivered our first major milestone on Tuesday, shifting traffic over to the temporary intersection. Please continue to drive with care and be patient with other motorists while everyone adjusts to the change, in particular over the weekend as visitors to Kawakawa may enter the construction area for the first time since the layout has been modified. The project area will remain under a 30km temporary speed limit for the rest of the construction period.

Below is an overview of what we have coming up.

### **From Monday 21 September**

Work will begin on the retaining wall (behind barriers)

- Earthworks will begin on the corner of SH1 / Kawakawa intersection to allow better visibility for state highway traffic.
- Work on the stormwater system will begin behind the barriers on SH1 and along the bank where the retaining wall is being built.
- The above activities will be our main focus for approximately the next four weeks.

### **Pedestrian Safety**

While we are building on and around the road, the temporary layout does not allow for a safe pedestrian path between the top of the hill on Queen Street and through the intersection area. Please speak to whanau, in particular children going between town and school/home, that the safest walkway between town and the bridge area is the path by the railway that passes through the park. A construction area with state highway traffic is not a safe short cut and we ask that everyone use the dedicated pedestrian walkway via Waiomio Road.

Attached is a drone image of a lovely spring morning in Kawakawa. In our October drone footage, we will be able to see how far we have come, with earthworks and the road layout change making good progress.

Thank you for your patience while we have worked through the first part of construction on this busy stretch of state highway.



## UPDATE – 25 SEPTEMBER

We have programmed night works for installation of a stormwater pipe across SH1 (from the corner of Johnson Park under the state highway intersection) from Sunday 27/09 through to Tuesday 29/09, with a contingency night on Wednesday 30/09 in case of bad weather.

During these works the intersection area will be operating under manual traffic control, with a one lane stop/go and a 30km temporary speed limit.

This work was initially planned for November; however, we have identified an efficiency for the overall program of the project by moving these to next week.