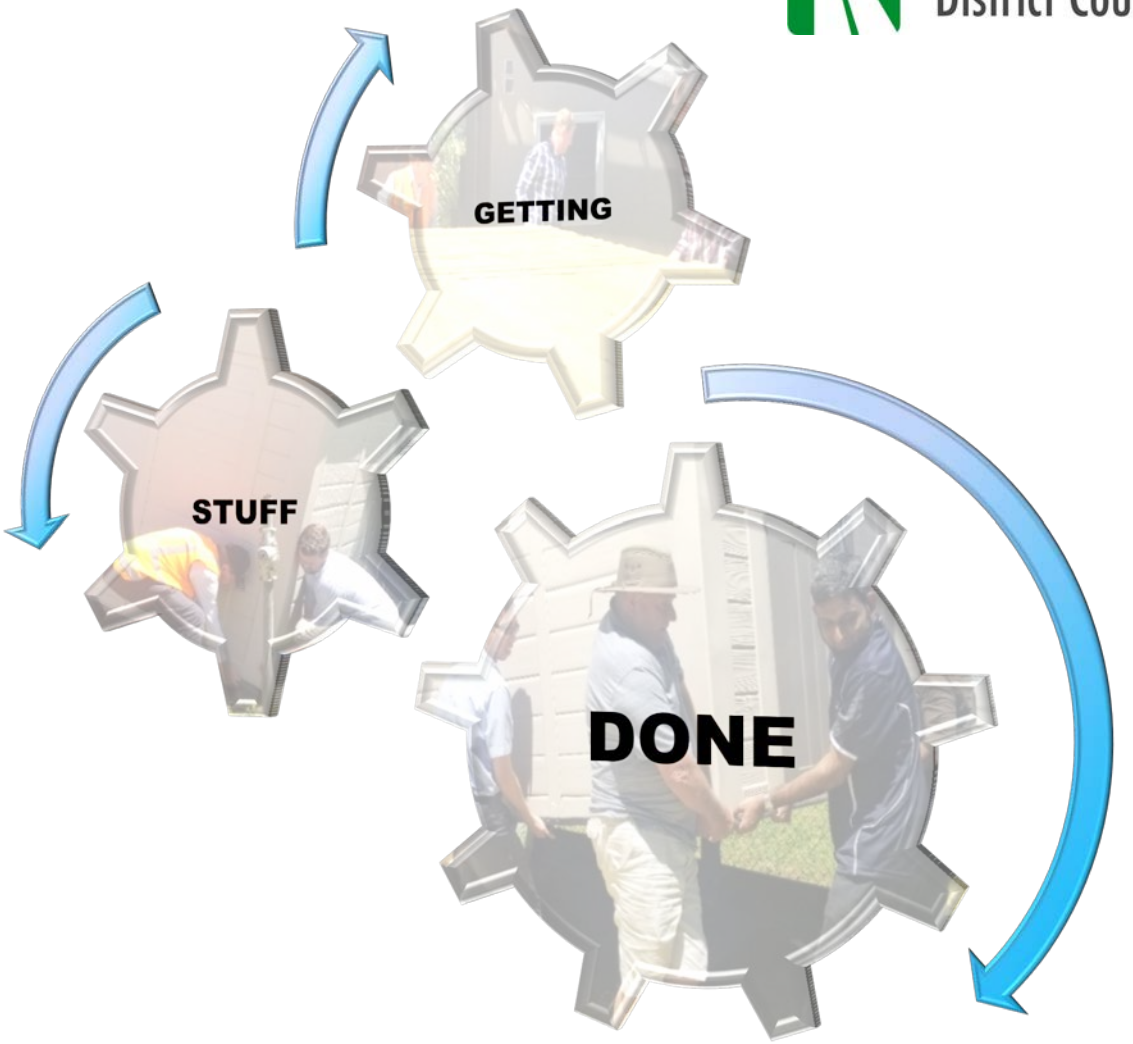
Far North District Council



Infrastructure and Asset Management

Monthly Business Report

APRIL 2021

HE ARA TĀMATA
CREATING GREAT PLACES
Supporting our people

IAM
Infrastructure & Asset Management

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

Roading
Maintaining the District's roading network in a satisfactory condition and in accordance with national safety and engineering standards in alliance with NTA.

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

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

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.

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.

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.

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

Customer Experience
IAM customers, we listen to their responses, and action their feedback in a timely manner.

Programme Darwin
To lead best practice enterprise asset management in New Zealand.

Getting Stuff Done

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SUCCESSES

DISTRICT FACILITIES

Some fantastic feedback – check it out here.

VENTIA

Check out the Ventia report here – some great work and engagement with the public.

FULTON HOGAN

More good work by the team at Fulton Hogan.

CAPITAL SPEND ANALYSIS

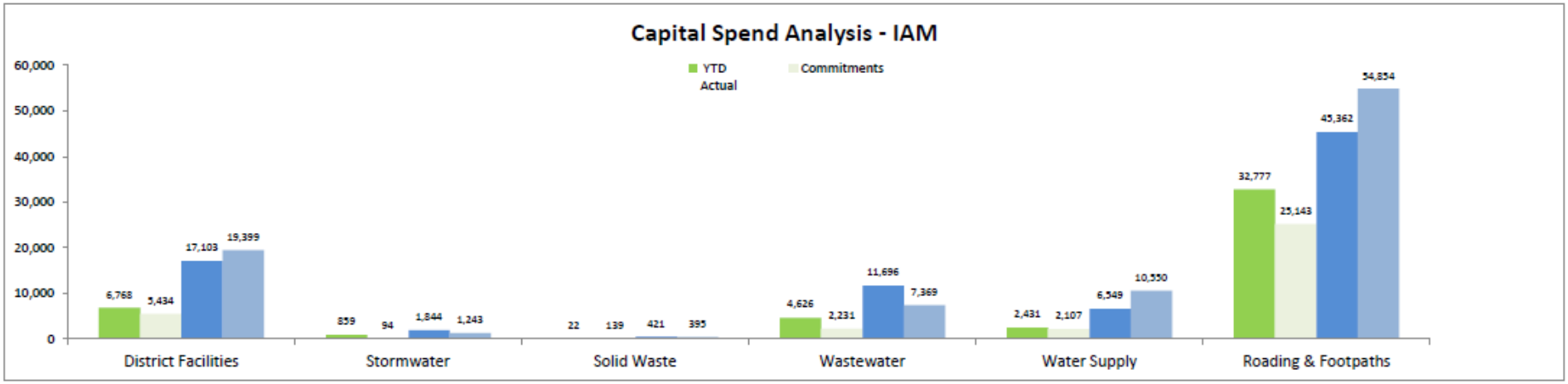
Capital Spend Analysis

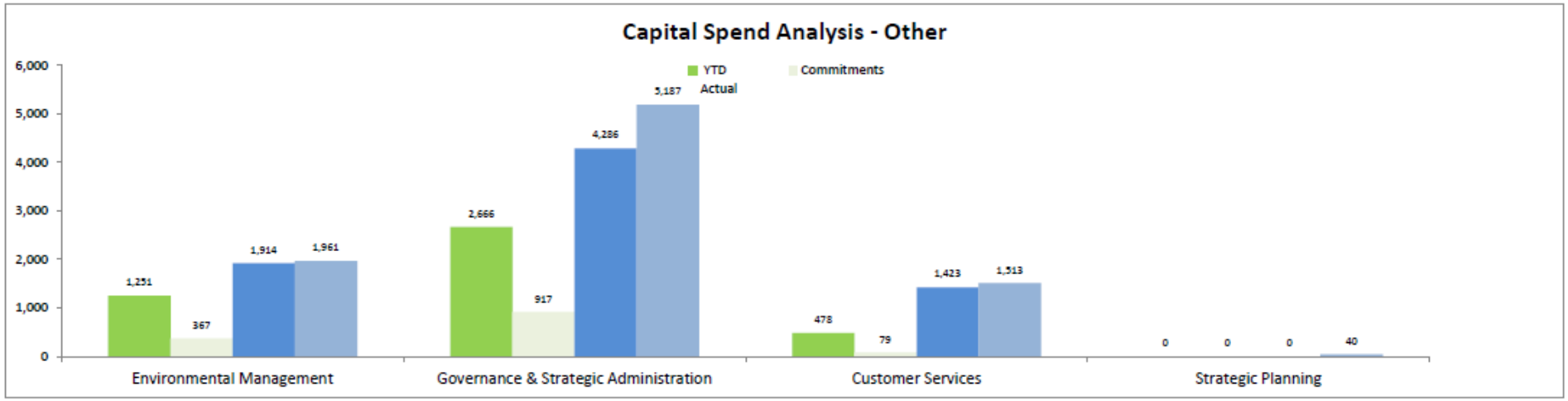
as at 30-Apr-2021

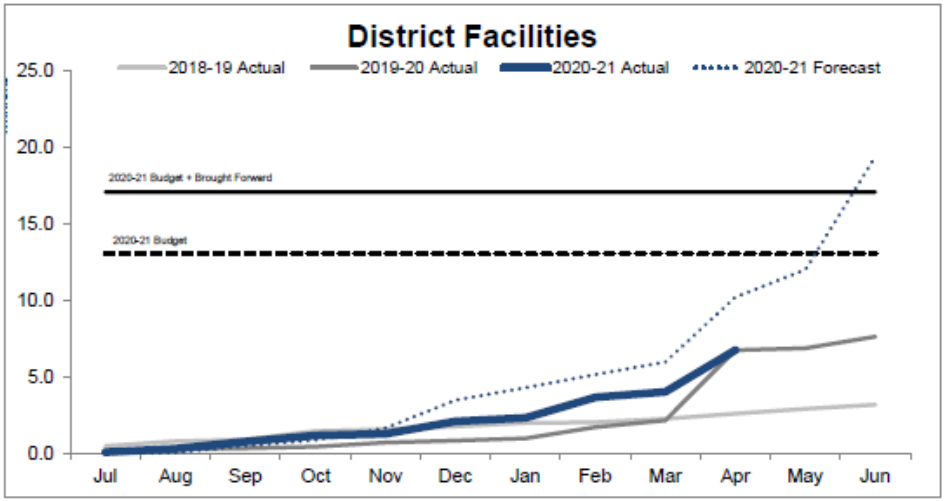
	YTD ($000's)		Full Year ($000's)							
LTP Group	YTD Actual	Commitments	LTP Budget	Carry Forward Budget	Total Annual Budget	Actual vs Budget %	Total Annual Forecast	Actual vs Forecast %	Forecast vs Budget %	Forecast vs Budget Variance
District Facilities	6,768	5,434	13,072	4,031	17,103	39.6%	19,399	34.9%	113%	2,296
Stormwater	859	94	1,179	666	1,844	46.6%	1,243	69.1%	67%	(602)
Solid Waste	22	139	325	96	421	5.2%	395	5.6%	94%	(26)
Wastewater	4,626	2,231	4,936	6,760	11,696	39.6%	7,369	62.8%	63%	(4,327)
Water Supply	2,431	2,107	4,495	2,054	6,549	37.1%	10,550	23.0%	161%	4,001
Roading & Footpaths	32,777	25,143	37,388	7,974	45,362	72.3%	54,854	59.8%	121%	9,493
IAM Total	**47,484**	**35,148**	**61,395**	**21,580**	**82,975**	**57.2%**	**93,810**	**50.6%**	**113%**	**10,834**
Environmental Management	1,251	367	0	1,914	1,914	65.3%	1,961	63.8%	102%	47
Governance & Strategic Administratio	2,666	917	2,334	1,952	4,286	62.2%	5,187	51.4%	121%	900
Customer Services	478	79	490	933	1,423	33.6%	1,513	31.6%	106%	90
Strategic Planning	0	0	0	0	0	0.0%	40	0.0%	0%	40
Other Total	**4,395**	**1,363**	**2,824**	**4,800**	**7,623**	**57.6%**	**8,700**	**50.5%**	**114%**	**1,077**
Total	**51,878**	**36,511**	**64,219**	**26,380**	**90,599**	**57.3%**	**102,510**	**50.6%**	**113%**	**11,911**

Comments:

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


Capital Spend Analysis - IAM
YTD Actual
Commitments
60,000
50,000
40,000
30,000
20,000
10,000
0
6,768
5,434
17,103
19,399
859
94
1,844
1,243
22
139
421
395
4,626
2,231
11,696
7,369
2,431
2,107
6,549
10,550
32,777
25,143
45,362
54,854
District Facilities
Stormwater
Solid Waste
Wastewater
Water Supply
Roading & Footpaths


Capital Spend Analysis - Other
YTD Actual
Commitments
6,000
5,000
4,000
3,000
2,000
1,000
0
1,251
367
1,914
1,961
2,666
917
4,286
5,187
478
79
1,423
1,513
0
0
0
40
Environmental Management
Governance & Strategic Administration
Customer Services
Strategic Planning


District Facilities
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget + Brought Forward
2020-21 Budget
25.0
20.0
15.0
10.0
5.0
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Jul
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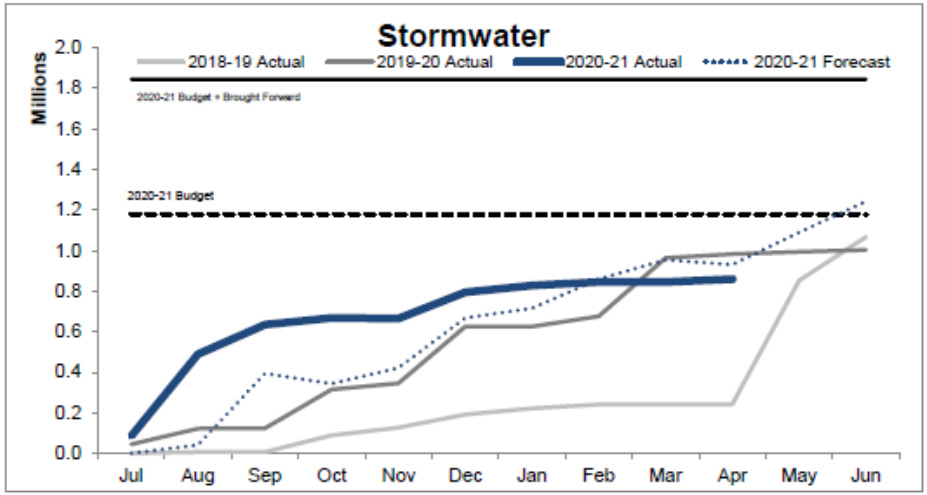
May
Jun


Stormwater
Millions
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget + Brought Forward
2020-21 Budget
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Jul
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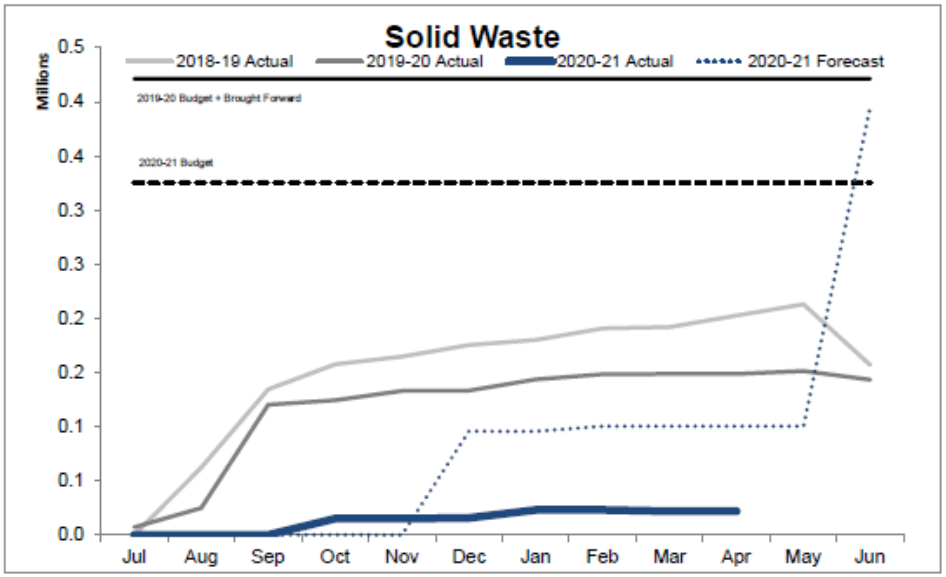
May
Jun


Solid Waste
Millions
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2019-20 Budget + Brought Forward
2020-21 Budget
0.5
0.4
0.4
0.3
0.3
0.2
0.2
0.1
0.1
0.0
Jul
Aug
Sep
Oct
Nov
Dec
Jan
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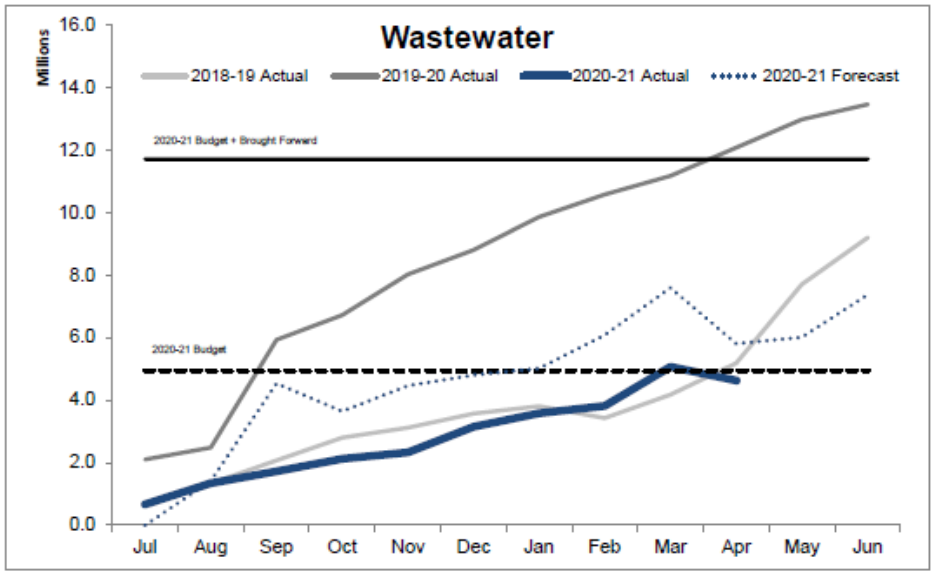
Mar
Apr
May
Jun


Wastewater
Millions
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget + Brought Forward
2020-21 Budget
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jul
Aug
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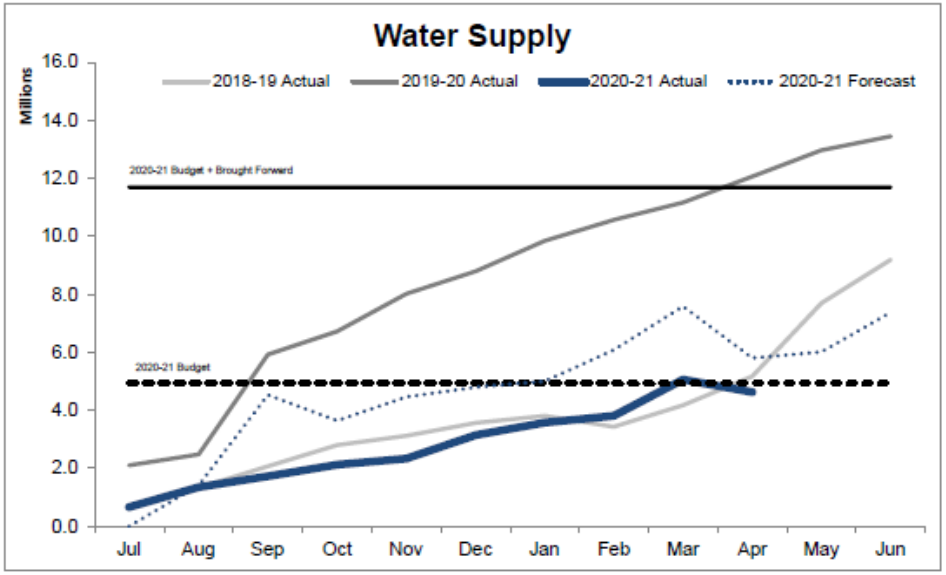
Water Supply
Millions
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget + Brought Forward
2020-21 Budget
Jul
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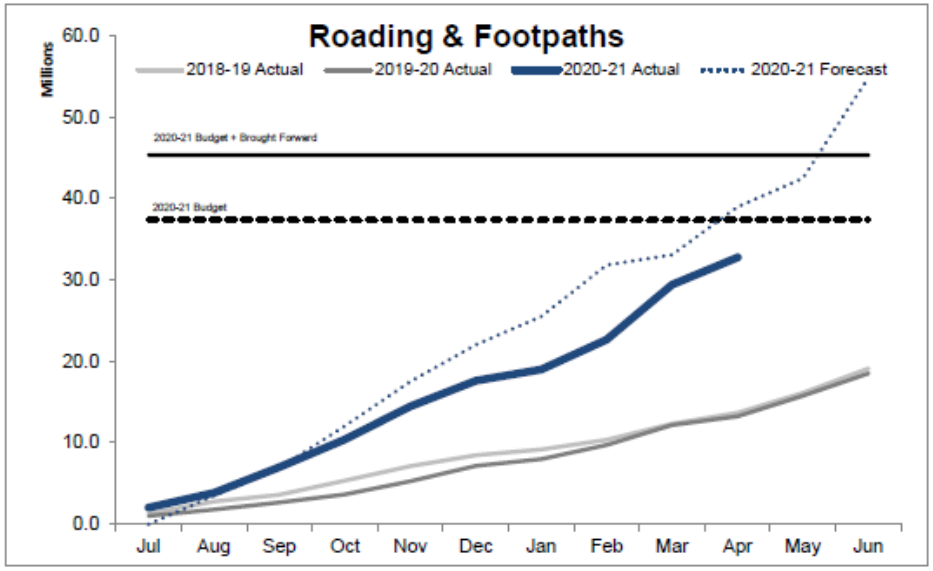
Roading & Footpaths
Millions
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget + Brought Forward
2020-21 Budget
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
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Apr
May
Jun

ROADING

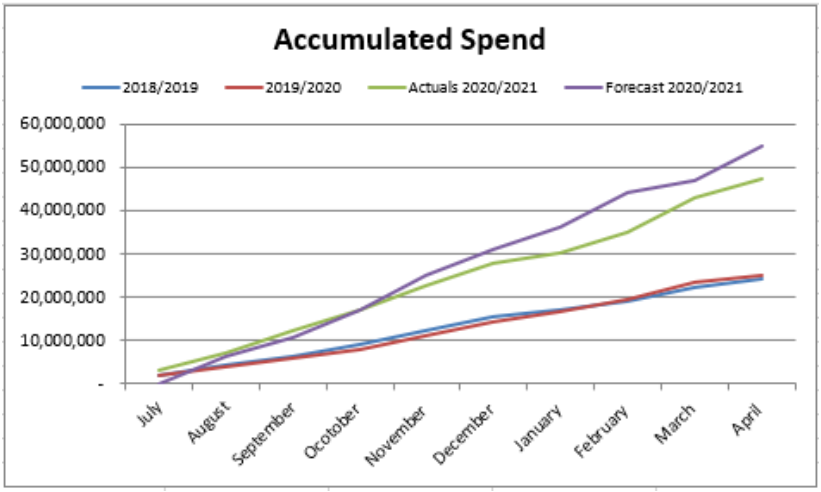
To maintain the District's roading network in a satisfactory condition and in accordance with national safety and engineering standards.

EXECUTIVE SUMMARY

Waka Kotahi are presently considering the final submissions for the Maintenance, Operations and Renewals Programmes (MO&R). Any final submissions on the Council's Capital Improvements Programmes are to be submitted by 21st May and will be considered by Waka Kotahi in June. This will include the prioritisation process of major Regional projects by the RTC following consideration of the RLTP consultation feedback received at a meeting scheduled for 11th May 2021. Final approval of the NLTP programme will be considered by the Waka Kotahi Board by late August and the final approved NLTP is due to be published by early September 2021.

As shown in the graph below, transport works delivery continues to track well, with expenditure to the end of April ($47.5m) nearly double that of the same period in each of the last two financial years, with $4.6m of work completed and invoiced in April.

Full Year Comparison - Roading Expenditure



After a spike in Resource Consent applications requiring transportation team input in March, application numbers dropped down to 28 in April (vs. 12 month rolling average of 36) allowing the team to clear some backlog with 48 applications responded to.

Fullers (Hokianga Ferry Operator) have completed the implementation of both their Electronic Ticketing system on the service and the installation of CCTV on the vessel.

The overall number of Customer Interactions (CIs) has reduced by over 14% compared to March with over half of this reduction directly attributable to improved communication and education with the FNDC call centre. The planned workshop with the NTA/FNDC Maintenance & Customer Team members focussing on CIs and customer responsiveness was held on Thursday 15th April focussing on completeness of communication with the customer (when requested) and targeted improvement in response timeframes.

2021/24 AMP DEVELOPMENT PROGRESS

Waka Kotahi are presently considering the final submissions for the Maintenance, Operations and Renewals Programmes (MO&R), with the following feedback provided by Waka Kotahi as part of their review:

> *"This AMP is assessed as an excellent example of a Strategic Case, Programme Business Case (PBC), Detailed Business Case.*
>
> *The in-depth analysis of: Demand and Growth, Problems Benefits and Consequences, Root Cause Analysis, Option development, Low Cost Low Risk (LCLR) etc. provide sound evidence that the Northland Network is being managed with sound asset management principles. (Holistic, Systematic, Systemic, Risk based, Optimal & Integrated.)*
>
> *Section 4.17 State of the Network provides excellent modelling analysis and options assessment for the sealed pavement.*
>
> *The PBC with; Root Cause analysis, Option Development and Assessment provide excellent evidence using PMRT and Peer Group comparison analysis and discussion.*
>
> *The Principal Structures Engineer has reviewed the wc215 & 216 Programmes in depth with the AO consultant and made some suggestions to the programme which have been agreed.*
>
> *NTA have been consistently diligent with completing and documenting the NZTA 2018/21 Funding conditions."*

Any final submissions on the Council's Capital Improvements Programmes are to be submitted by 21st May and will be considered by Waka Kotahi in June. This will include the prioritisation process of major Regional projects by the RTC following consideration of the RLTP consultation feedback received.

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

DEVELOPMENT OF THE DRAFT REGIONAL LAND TRANSPORT PLAN 2021/2027 (RLTP) and REGIONAL PUBLIC TRANSPORT PLAN (RPTP)

The Regional Transport Committee will formally deliberate on the submissions on Tuesday 11th May 2021.

On competition of this process, staff will make the necessary changes to both Plans and table these at the June 2021 RTC meeting with a recommendation they be approved for forwarding to the Northland Regional Council for their approval for submission to Waka Kotahi by 30 June 2021.

CENTRAL GOVERNMENT POLICY SUBMISSIONS

While there were no Central Government submissions in the past month, Waka Kotahi NZTA have formally announced the commencement of a significant speed limit review consultation process for several sections of Northland State Highways.

For more information and to subscribe to updates follow this link.

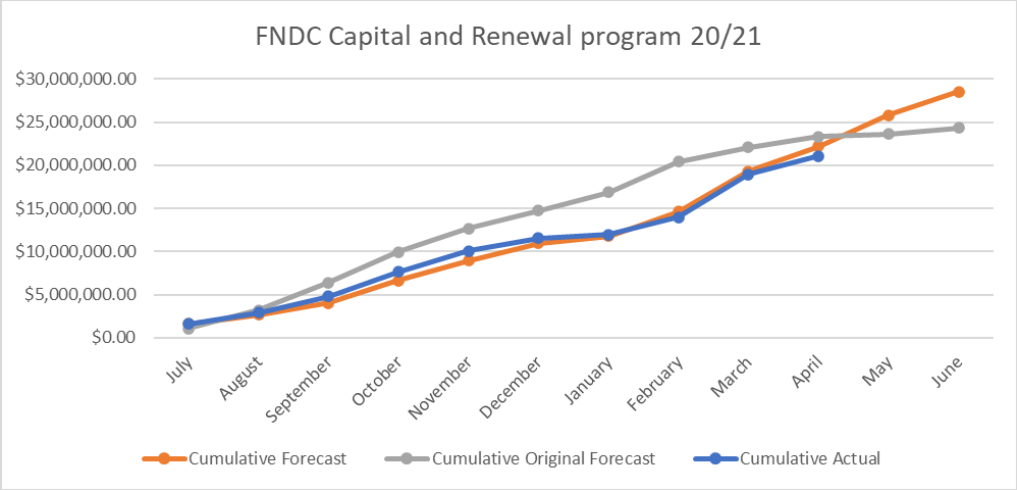
MBIE WORKER REDEPLOYMENT PROGRAMME (ORIGINAL $2.2M + $2M STORM VARIATION)

As reported in February most of the original programme is now complete. Work on the roading, parks and flood mitigation work covered by the $2m storm funding component continues through until the end of May 2021.

A final project summary report summarising all completed funding works and related social procurement objective achievements is to be produced on completion of the remaining activities (end of June 2021).

FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

With two months remaining in this financial year, delivery of the capital works programme remains on track with forecast, and significantly ahead of the same period in the two previous financial years.



Projects started in April

Category	Sub activity	Location
341 - Low-Cost Low Risk	Lighting	Various District Roads
341 - Low-Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294-330
341 - Low-Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner

Projects due to start in May

Category	Sub activity	Location
140 - Minor Events	Resilience	Waikare Road - various locations
341 - Low-Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound
341 - Low-Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Te Taipui Rd to Matauri Bay School Link
341 - Low-Cost Low Risk	Resilience	Powell Road RP209
341 - Low-Cost Low Risk	Resilience	Powell Road RP92-169

Significant Projects

Council	Category	Sub-activity	Location	% Complete	Monthly	Next month planned activities
FNDC	341 - Low-Cost Low Risk	Bridge	Otaua Road M28 N28	93%	As-builts and Ramm data done and received Practical Completion	Defects liability period
FNDC	341 - Low-Cost Low Risk	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	100%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Resilience	Panguru Road	97%	Complete	Complete but some minor defects to be addressed
FNDC	341 - Low-Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	86%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	100%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	100%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	100%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	100%	Complete	Complete
FNDC	341 - Low-Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	60%	Signages manufacturing and construction/ installation are underway (95% completed). Road markings are being constructed. Inspections for Practical Completion are underway.	Complete all sign installation and road marking work

Photo Wall

Koropewa Road/ Seal Extension – Pavement ready for sealing

Pungaere Road/ Seal Extension – complete

Church Road/ Seal Extension – Fresh Seal

Dominion Road/ New Footpath

Donald Lane/New Footpath

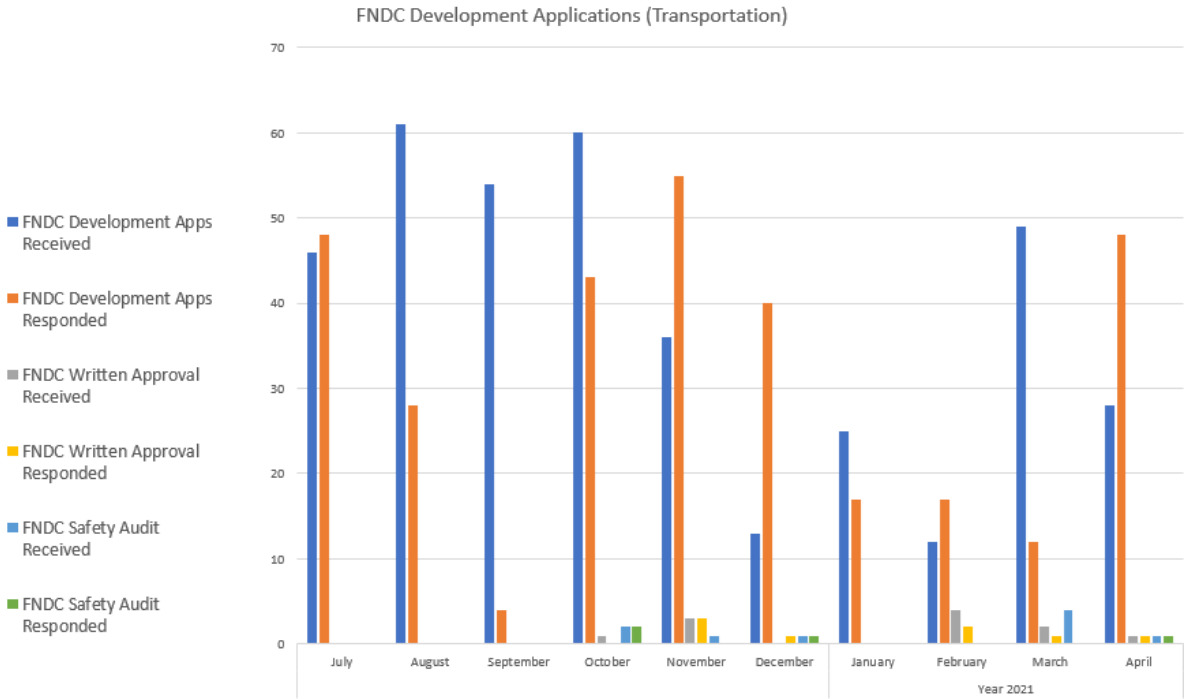
SH1 Awanui Road/ New Footpath

DEVELOPMENT APPLICATIONS (Transportation)

After March's lift in application numbers (49 vs. 12 month rolling average of 36), April's application numbers reduced to 28 allowing the team to focus on processing a significantly higher number of responses than previous months (48).

Recruitment activities are to commence in late May for a new Senior Development Engineer (Transportation) and Graduate Engineer to further improve service quality and timeframes in this area.

		FNDC					
		Development Apps		Written Approval		Safety Audit	
		Received	Responded	Received	Responded	Received	Responded
Year 2019	October	0	0	0	0	0	0
	November	12	2	0	0	0	0
	December	4	12	0	0	0	0
Year 2020	January	13	4	0	0	0	0
	February	17	8	0	0	0	0
	March	24	34	0	0	1	1
	April	17	16	2	1	0	0
	May	34	31	2	3	0	0
	June	28	24	2	2	0	0
	July	46	48	0	0	0	0
	August	61	28	0	0	0	0
	September	54	4	0	0	0	0
	October	60	43	1	0	2	2
	November	36	55	3	3	1	0
	December	13	40	0	1	1	1
	January	25	17	0	0	0	0
	February	12	17	4	2	0	0
	March	49	12	2	1	4	0
	April	28	48	1	1	1	1



HOKIANGA FERRY (KOHU RA TUARUA)

Fullers (the Operator) have completed the implementation of their Electronic Ticketing system on the service and the installation of CCTV on the vessel.

Fullers have reported that in general the traveling public's attitude to compliance with the requirement to wear a face covering on public transport continues to be poor under alert level 1.

There have been two occurrences of theft of cash (ticket takings) and tickets from the safe on board the vessel. One on the 16th March from and the other over Easter. An investigation into the issue is underway and a police report has been filed by the operator.

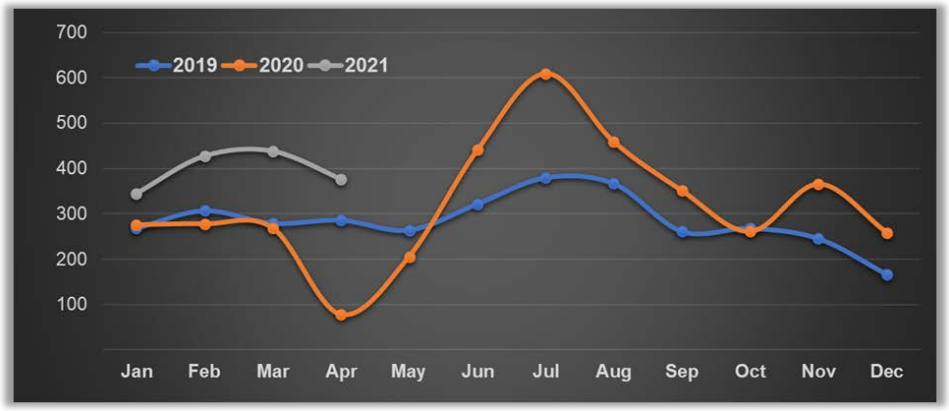
UTILITY SERVICES – CAR (Corridor Access Request) & TMP (Traffic Management Plan)

- UFB2
  - Haruru Falls area has almost been completed and reinstatement is well underway.
  - Russell will be starting shortly.
- UFB 2+
  - Opua is well underway and has been handed over in Rangitane and Okiato.
  - Rawene will be the next main area and Waipapa will also be completed shortly.
- Fibre Connections
  - Now started in Paihia, and are ongoing still in all other townships
- Street Light Contract
  - Kerikeri Road – drilling work is underway.
- Sewer Upgrade
  - Klinac Lane and Waipapa is well underway with most of the drilling work completed.
- Roundabouts
  - Waipapa - pavement work & all concrete work is completed. Grass berms will start shortly. The bridge beams have been installed to the new bridge on Mill Lane.
  - Puketona is nearing completion.
  - Kawakawa is nearing completion.
  - Kaitaia on SH 1 is complete.

THE CUSTOMER EXPERIENCE

Request for Service

The overall number of Customer Interactions (CIs) has reduced by over 14%, month on month. More than half of this reduction directly attributable to improved communication and education with the call centre to address the previously reported issue related to the number of CIs received for the 'Roading Correspondence' category was being artificially inflated due to unsurety of where responsibility lay. Effectively, CIs were being allocated to the NTA when, following further investigation, it was established that the asset or issue in need of attention should be dealt with by others.

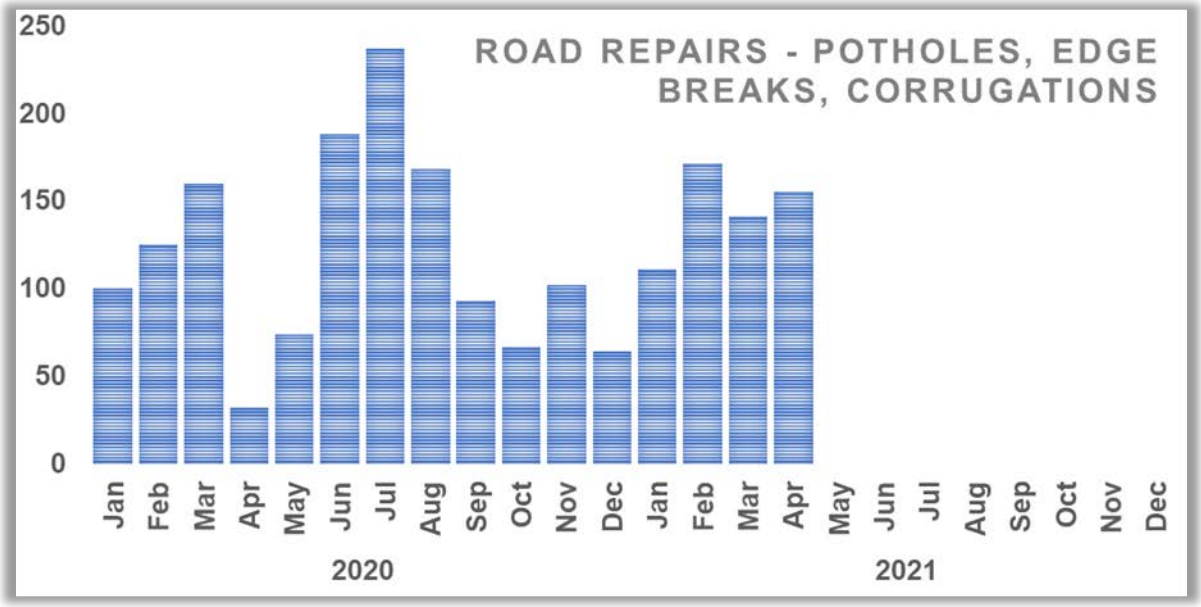


The planned workshop with the NTA/FNDC Maintenance & Customer Team members focussing on CIs and customer responsiveness was held on Thursday 15th April. As part of this review, external contractor contractual obligations were identified and reaffirmed.

The individual Network Supervisors will ensure this is closely monitored and added as a formal agenda item to the monthly contract meetings with similar principles to be followed internally. The focus has two main points:

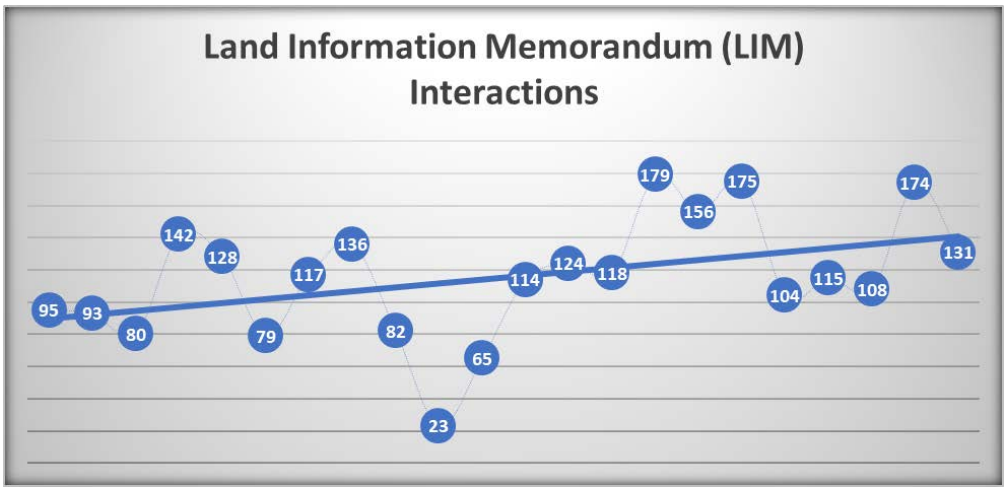
- Completeness of communication with the customer, when requested
- Targeted improvement in response timeframes

The year on year overall result for April was never predicted to be as low as last year, given the lockdown at the time. However, numbers do appear to be stabilising back to previous years for the category with the greatest number of interactions.



Land Information Memorandum (LIM)

While this has been a quieter month compared to March, it was still the 7th busiest since July 2019. It is also worth noting that, with three public holidays, this month only had 19 working (processing) days.



PROJECT DELIVERY

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

EXECUTIVE SUMMARY

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

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

Project Name: Southern Animal Shelter Project ID: 261012

Project Phase: Design

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Final Design received, building consent lodged.
Scope	**Green**	**Green**	Scope confirmed
Schedule	**Green**	**Green**	Schedule confirmed
Cost	**Amber**	**Amber**	Final cost and QS to be confirmed
Project Risk	**Amber**	**Amber**	Weather, contractor availability, material availability, Covid-19

Monthly Summary:

Detailed design, engineering plans and reports received and building consent lodged, Quantity surveyor engaged, Resource Consent application on hold for Traffic Impact Assessment Report, NRC discharge consent approved.

Key Project Risks	Mitigation of Risk
Funding	Ensure detailed planning is carried out to capture all detail require, learnings from Construction of Northern Animal Shelter is an advantage in making sure all aspects are captured
Non-compliance	Current structures non-compliant, existing building to be demolished and new kennels to be constructed to comply with Animal Welfare Acts.

Key Project Milestones	Expected	Status	Comment
Confirm concept plan	End September	On track	Concept Plan Confirmed
Final Design	Mid December	Delayed	Final Design Confirmed, Building Consent Lodged
Tender Award	Mid-June 2021	Delayed	Tender award expected July 201
Construction	Mid to Late July 2021	Delayed	Construction expected August 2021

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$1,443,489.00	*$90,036.45*	*$1443,489.00*

Project Name: Northern Animal Shelter — Project ID: 261011

Project Phase: Construction

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

Monthly Summary:

Concreted passageway and post footings, prepped the carwash slab and laid the blockwork ready to pour in May, prepped the kennels cannel drains ready to pour, fitted the wall wrap to the exterior walls and fitted the window tape, fitted roofing, flashings and spouting in place, fitted 95% of the wall cladding to admin building, fitted all metalwork items to both buildings, fitted the aluminium windows in place on-site. Metalbilt door ready to fit, All electrical prewires complete to both buildings, Hyvac units and ducting being place, Lined the truss walls to the admin kennel area, started lining the villaboard passage linings, fitted all the timber ceiling battens in place, prepped the rear covered way paving/paths ready to pour.

Key Project Risks	Mitigation of Risk
Funding	Strict financial management. Funding no longer a risk due to MBIE funding
Tender	No longer a risk Awarded to KPH Construction Limited

Key Project Milestones	Expected	Status	Comment
Tender award	Late September	Awarded	Awarded to KPH Construction
Construction	Currently under construction	On Track	

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$1,470,989.00	*Construction: $1,126,739.67* *Project Management Time, Professional Fees, & BC Fees: $33,739.25*	*$1,470,989.00*

Project Name: TIF Toilets **Project ID: 141539, 141537, 141538, 141581**

Project Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	**Mitimiti:** Construction is completed at Mitimiti & CCC achieved; Toilet is Operational
	Green	Amber	**Opononi:** Construction has been completed and we are just working through CCC before facility is handed over to Operations
	Amber	Amber	**Waitangi:** Building Consent is approved; Resource consent is granted; this time-consuming process has caused considerable delays to programme.
	Green	Amber	**Haruru Falls:** Construction of prefabricated build is well underway. Once site blessing is completed, we can move forward with services and then delivery and installation.
Scope	Green	Green	**Waitangi:** Scope is clear and approved by Stakeholders **Mitimiti:** Construction complete. **Opononi:** Scope is clear and defined. **Haruru:** Scope is clear and defined. We are taking power feed from pump station back to site to run pump**.**
Schedule	Amber	Green	Projects currently tracking behind programme due to consultation and legal agreement delays. An extension of time has been granted from MBIE until Dec 2021, COVID 19 has also played its part in the programme delays.
Cost	Green	Green	Mitimiti completed within budget, Opononi will follow suit. Haruru Falls pricing is in line with budgets. Waitangi has not yet been out to market, but QS shows we have a shortfall, but we may have savings at other sites which can be re-allocated to Waitangi
Project Risk	Amber	Green	Covid 19 will cause large delays to all programmes of work which have already been delayed due to legalising access to all sights. These projects will not be completed in the timeframes initially set out and there is no opportunity to bring them inline, so we have accepted this and asked for funding extensions.

Monthly Summary:

- Haruru – Prefabricated Toilet has been constructed and is in the curing phase in the factory. Supply of timber for rafters has caused delays in final factory build phase
- Waitangi - Toilet Building Consent & Resource Consent, Archaeological Authority are all approved. Best form of market approach is being finalised while we source funding shortfall
- Opononi - construction completed, CCC underway

Key Project Risks	Mitigation of Risk
Covid 19 Lockdown will lead to programme delays.	Accept & Monitor.
Waitangi Toilet - Budget	Budget shortfall may be able to be address with savings from other TIF Toilet builds
Waitangi Toilet – Schedule – Iwi Engagement	Accept delays but look at possible Direct Award of Contract to meet deadlines
Waitangi Toilet – Service Connections	Water & Power costs out of line with QS, further budget implications

Key Project Milestones	Expected	Status	Comment
Waitangi Toilet – Iwi Engagement	July 2020	Completed	Archaeological Authority now approved by Heritage NZ
Opononi Construction	October 2020/ Feb 2021	Met – Late Start (November) & finish (May 2021)	Construction Completed
Haruru – Prefab installation	May 2021	Tracking behind schedule	Supply chain disruption – Timber products

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$1,045,688 (combined)	*$647,971.25*	*$1,045,000 (combined)*

Project Name: Kawakawa WTP Health & Safety Compliance **Project ID: 571140**

Project Phase: Close out

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Completed.
Scope	**Green**	**Green**	
Schedule	**Green**	**Green**	
Cost	**Green**	**Green**	Estimated final cost $205K. Budget $220K
Project Risk	**Green**	**Amber**	

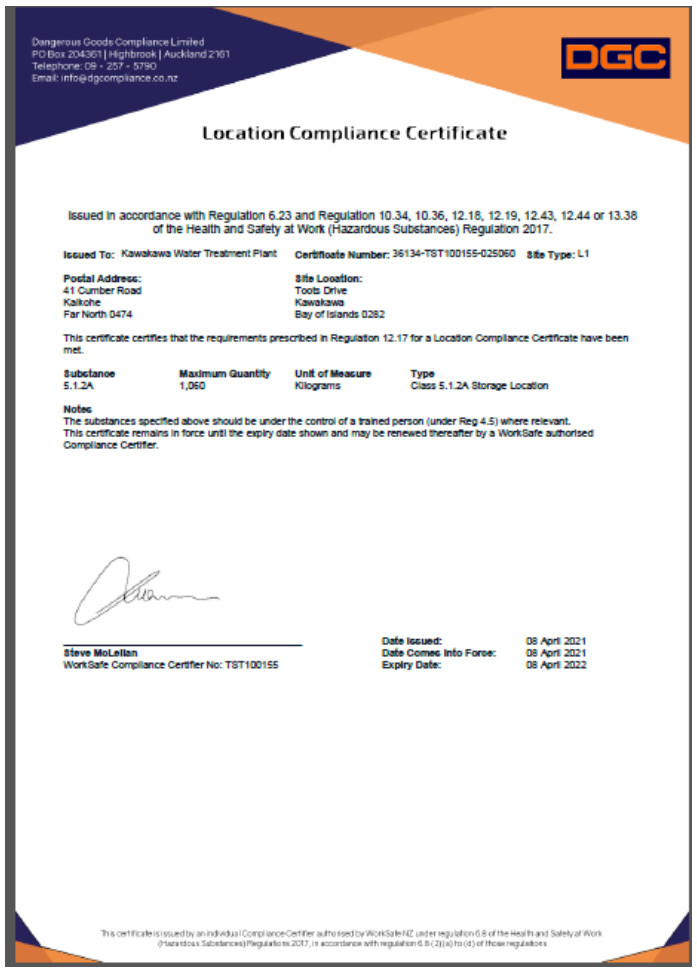
Monthly Summary:

The H&S compliance audit was brought forward by a month and took place during April 2021.

The WTP is now compliant with the H&S at Work (Hazardous Substances) Regulations 2017 and the Location Compliance Certificate has been issued.

JAN 2018

APR 2021



Dangerous Goods Compliance Limited
PO Box 204361 | Highbrook | Auckland 2161
Telephone: 09 - 257 - 5790
Email: info@dgcompliance.co.nz

DGC

Location Compliance Certificate

Issued in accordance with Regulation 6.23 and Regulation 10.34, 10.36, 12.18, 12.19, 12.43, 12.44 or 13.38 of the Health and Safety at Work (Hazardous Substances) Regulation 2017.

Issued To: Kawakawa Water Treatment Plant **Certificate Number:** 36134-TST100155-025060 **Site Type:** L1

Postal Address:
41 Cumber Road
Kaikohe
Far North 0474

Site Location:
Toots Drive
Kawakawa
Bay of Islands 0282

This certificate certifies that the requirements prescribed in Regulation 12.17 for a Location Compliance Certificate have been met.

Substance	Maximum Quantity	Unit of Measure	Type
5.1.2A	1,060	Kilograms	Class 5.1.2A Storage Location

Notes
The substances specified above should be under the control of a trained person (under Reg 4.5) where relevant.
This certificate remains in force until the expiry date shown and may be renewed thereafter by a WorkSafe authorised Compliance Certifier.

Steve McLellan
WorkSafe Compliance Certifier No: TST100155

Date Issued: 08 April 2021
Date Comes Into Force: 08 April 2021
Expiry Date: 08 April 2022

This certificate is issued by an individual Compliance Certifier authorised by WorkSafe NZ under regulation 6.8 of the Health and Safety at Work (Hazardous Substances) Regulations 2017, in accordance with regulation 6.8 (2)(a) to (d) of those regulations

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

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

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$220,000	*$202,897*	*$205,000*

Project Name: Kaitaia Water – Sweetwater Bore and Pipeline **Project ID: WAP0256**

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Amber**	**Amber**	Physical Works contract awarding has been delayed due to the legal process status. The process will likely not be concluded by end of June as previously advised. The current strategy is to award the Preferred Route in two Separable Portions with a decision on northern preferred route by end of July. Additional work will be undertaken on the different route options to understand the cost and time implications.
Scope	**Amber**	**Green**	Scope might change depending on the final route under investigation
Schedule	**Red**	**Red**	Delay in procurement award due to Easements not being secured has increased as commercial negotiations have not been successful. A formal process is underway that will delay award.
Cost	**Amber**	**Green**	Current tender construction costs are within budget allowance however delay to award and alternative routing will impact the costs and phasing of spend resulting in a decrease in spend this FY.
Project Risk	**Amber**	**Amber**	Property and Easements are subject to commercial negotiations and Potential redesign to appease landowner if appeal to district court is in favour of landowner.

Monthly Summary:

The risk profile for the legal process has changed and will likely not be concluded by end of June as previously advised. The current strategy is to award the Preferred Route in two Separable Portions with a decision on the northern preferred route by end of July. Additional work is required on the various options to understand the cost and time implications. Other property agreements are progressing, it will not be possible to resolve some easements until the route with Elbury Holdings has been agreed.

Actions for the project are:

- Engage ASAP with Brereton and Elbury Holdings on whether the northern route is still acceptable to them.
- Update the cost and timeframes for the preferred route and northern route. This should also include a commentary on the procurement implications and risks.
- Property assessment on the Hawthorne Geddes route.
- WSP to provide an OOS for a detailed design of the northern route.
- WSP to provide an OOS for a concept design for the Hawthorne Geddes route.
- Stellar to undertake a review of the submitted tender programme by Ventia.
- Management conformance of the contract.
- Investigation to be done on the backwash ability at exiting Kaitaia Water Treatment Plant.
- Blessing of site. Invitation was sent for the 14th of May but has been postponed until further notice.
- Ecologist inspection that is required on site prior to start of construction.
- Top Energy to start with electricity project.
- Property Group to reengage with the Panthers and Brereton's.
- The estimated delay to contract award has increased. If award happened by end of May 2021, it would have resulted in a 26-week delay to contract award.

Key Project Risks	Mitigation of Risk
There is a risk that easement negotiations delay the award of contract.	Continued focus to project team to resolve Meeting with landowners with Elected Members Formal process using Local Government Act
There is a risk of significant adverse media coverage should the obligation not be delivered and there is not enough water of drinking water standard quality to meet demand.	Prepare media plan and key messaging
There is a risk of another lockdown during the construction programme	Request contractor mitigation as part of procurement Pricing Schedule allowance for level changing and stand down
Project Timeline	Delay in contract awarding will delay project completion. Plan is to have infrastructure in place by summer 2022.
Project Costs	Time delay and alternative route option will delay project costs.

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	Further delayed	Estimated 31/04

Alternative route design for separable portion	End of July 2021	Awaiting offer of service	WSP given instruction on 11 May 2021.
Practical completion	September 2022	Delayed	To be revised however delay to contract award will likely increase this to beginning of 2022.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
Finance to provide	*Finance to provide*	*Finance to provide*

Project Name: Kerikeri WWTP & Reticulation

Project Phase: WWTP Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Amber**	Plant - The plant is operational, and all documents were handed over to Far North Waters. In process getting quotes for all the Health and Safety and Operational issues. The reticulation project is nearing completion and received a total of 244 signed off letters to date by end of April 2021 (From the 314 low pressure sewer connections and 16 gravity connections). United Civil has submitted the delay claim and in process to be evaluated. On track to have the physical work completed by end of May 2021. Attending to the remaining problematic connection sites.
Scope	**Green**	**Green**	Scope creep from design issues due to awarding contract without "IFC" drawings, is managed and the HAZOP has been revised for the new site and is completed.
Schedule	**Green**	**Amber**	Physical construction is completed. Defects and Liability period until October 2021.
Cost	**Red**	**Amber**	Reticulation – United Civil submitted delay claim on 08 April 2021 and are being evaluated. Further supporting documentation have been requested.
Project Risk	**Amber**	**Amber**	Schedule extensions and cost increases are managed as stated above. Official handover of Plant to Far North Waters was done, with only Asset Data Register outstanding. Unforeseen operational issues were picked up by Far North Waters during operation from December 2020 until now which are being assess. A final list with costs and a risk register are being prepared to determine the proposed way forward. Delay claim and additional VO's to be managed. Cost management the biggest Risk.

Monthly Summary:

Plant - The plant is operational and all documents were handed over to Far North Waters. Quotes have been received for all the Health and Safety and Operational issues but waiting for formal submission by FNW/Broadspectrum to the project team. The plant is being monitored by Far North Waters and Mott MacDonald. The plant has been performing well and producing compliant effluent from a biological aspect. In order to ensure the plant continues to produce compliant effluent, the following key steps needs to be followed:

- Continue regular sampling of the influent, effluent pre-UV and final effluent post-UV.
- Continue on-site testing as this will keep the operators informed on the plants performance on a day-to-day basis, especially in the case there is a delay in receiving official results from the laboratory.
- Samples analysed for TSS and UVT% whenever E. coli tests are done. This will help with troubleshooting should the E. coli results start approaching consent limit exceedances.
- It is recommended that a 7-day performance test be undertaken, preferably by the UV supplier, to demonstrate that the UV system is performing as per the specification.
- Influent sludge to the dewatering plant and dewatered cake should continue to be monitored for flow rate and sampled for % dry solids. Polymer consumption should also be recorded. This information should be used to optimise the dewatering process in consultation with IXOM and Sindico.

Reticulation - The reticulation project is nearing completion and we have received a total of 244 signed off letters to date (From the 314 low pressure sewer connections and 16 gravity connections). United Civil has submitted the delay claim and are being evaluated. On track to have the physical work completed by May 2021. Attending to the remaining 8 problematic stands.

Key work completed during April 2021

Treatment Plant

- Attending to Defects;
- Ongoing attending to safety and operational issues raised by Far North Waters.

Design

- OOS was submitted by Mott MacDonald for updating of Asset Data Sheet and the appointment was made by the Asset Management Department of FNDC; and
- Updating as built drawings and clarifying queries.

Commissioning

- Ongoing testing and analysis of results; and
- Ongoing monitoring of the performance of the Treatment Plant by Mott MacDonald until July 2021.

General

- Fence issue and Top Energy Easement investigation;
- Land and easement agreements by Law North. Awaiting valuation of land portion; and
- Top Energy Easement Agreement change drafted.

Reticulation

- Approximately 320 Properties connected to date. 244 signed off property letters received;
- As Builts - Surveyor full time on site;
- Top soiling and finishing off and obtaining signed off sheets of remaining properties;

Design

- Attending by Mott MacDonald to queries; and

- Variations to design.

General

- Information sheet and invoicing to all landowners;
- Evaluation of rates by ETC ongoing;
- Ongoing responding to queries from landowners and RFS's; and
- Easements required for some variations.

Main activities planned on the Treatment Plant for May 2021 are to capture the Asset Data Register and finalising the quotes for the Defects and the safety and operational issues raised by Far North Waters. Also submission of the As-Builts to FNDC.

Work will continue by United Civil with the cutting over of the house connections with an estimated completion by end of May 2021 and close out of projects by June/July 2021. Decommissioning of the existing treatment facility in Shepherd Road is scheduled for 2021 and planning will commence after funds are secured and committed. The existing Plant was shut down at the end of December 2020. Focus will be getting the information from the contractor:

- UCC to provide the following:
    - As Builts
    - Asset Record and Data sheets
    - Warranties/Guarantees
    - Pressure sewer system commissioning certificates form the suppliers
    - CoC and electrical safety certificates
    - O & M manuals
    - Photographic Records

Key Project Risks	Mitigation of Risk
Reverse sensitivity around new WWTP and infrastructure	Assess design odour control efficiency during operations
Design changes increase schedule and cost	Facilitate alignment between design and construction
Managing stakeholder expectations	Communicating of timeframes ongoing through monthly newsletters and direct communications by staff and Project Manager. RFS from community are ongoing.
Commissioning Phase 6 - Unforeseen and results not being achieved	Defects picked up by Operators that will require adjustments or additions. Meeting scheduled between FNDC and FNW postpones until all works are costed with a completed Risk Register.
Covid-19 level changes	Far North Waters ready to implement any level changes.
Cost Management of Reticulation Contract	Delay claim and variation orders
Project to be capitalised	Getting the necessary as builts and asset data from contractors to capitalise project in time for rates adjustments of 1 July 2021.

Key Project Milestones	Expected	Status	Comment
Asset Data Register update and capitalising of Project	31/05/20	Pending	Mott MacDonald and Stellar Project to complete Asset Data sheet for Plant. UCC to submit Asset Data for Reticulation project.
Practical Completion of Kerikeri WW reticulation and Close Out	31/05/21	Pending	First and second stage completed. Stage 3 started in December 2020 and will continue until May 2021.
Decommission existing Kerikeri WWTP	tbc	Pending	Budget to be confirmed.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
Finance to provide	*Finance to provide*	*Finance to provide*

Project Name: Monument Hill Deep Bore Project

Project Phase: Stage 2 Drilling - Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	The drilling of the production bore that started in December 2020 and was completed on 24 February 2020. Test pumping was performed in March 2021. The data from the test pumping is now being analysed to determine the sustainable (long term safe) yield of the bore, and the effects of pumping on the shallow aquifer and springs. The report from Williamson Water and Land Advisory (WWLA) is now only expected in May 2021. The outcome of the report will determine the fate of stage 3. Stage 1: Bore Design and Quality Testing (Complete) Stage 2: Sustainable Yield Assessment & Consenting to provide a sustainable supply of highly secure potable water for the Kaikohe community (In progress) Stage 3: Reticulation and Electrical Design
Scope	**Green**	**Green**	The physical works for stage 2 scope is confirmed. The outcome of stage 2 and testing will determine the fate of stage 3. (Will only be done if test results in Stage 2 are satisfactory). The physical works for stage 3 will entail installing a pump and laying a trenched pipe to connect to the Monument Hill Water Treatment Plant. Electrical upgrades at the water treatment plant and public infrastructure will be required. Scope to be determined.
Schedule	**Amber**	**Amber**	The physical works for stage 2 scope is confirmed. The outcome of stage 2 and testing will determine the fate of stage 3. (Will only be done if test results in Stage 2 are satisfactory). The physical works for stage 3 will entail installing a pump and laying a trenched pipe to connect to the Monument Hill Water Treatment Plant. Electrical upgrades at the water treatment plant and public infrastructure will be required. Scope to be determined.
Cost	**Green**	**Green**	Project on budget.
Project Risk	**Amber**	**Green**	Landowner agreements to be finalised. Initial results indicating delivery of bore is not as per the design expectations. Impact of Bore on groundwater might restrict project. Waikotihe Trust relationship to be monitored.

Monthly Summary:

Construction

- De establishment of contractor.

Design

- Analysing of test results and writing of report by WWLA.

General

- Waikotihe Trust relationship and consent to be managed - obtain the Trust consent to proceed with the project.

Key activities planned for May 2021:

Construction Works

- Clearing and Site Reinstatement to original conditions.

Design

- Evaluation of outcome of testing;
- Planning the way forward and project scope; and
- Consenting process planning stage.

General

- Agreement with Landowner to be managed by FNDC legal team; and
- Waikotihe Trust relationship and consent to be managed - obtain the Trust consent to proceed with the project

Key Project Risks	Mitigation of Risk
Land Stakeholder Engagement and Approval	Agreement with Landowner to be managed by FNDC legal team. Waikotihe Trust relationship and consent to be managed - obtain the Trust consent to proceed with the project.
Water Quantity	The sustainable yield from new bore to be determined. The outline design suggests that a daily volume of over 800m3/day is achievable. The above is to be determined/confirmed. Initial test results after the development of the bore indicated much lower than that.
Water Quality	Williamson Water and Land Advisory performed water quality tests on exploratory bore and did not smell and was clear. The dissolved iron concentrations were identified as a water quality risk and needs to conform to DWSNZ standards.
Existing Water Treatment Plant	Possible amendment to existing Water Treatment Plan and electrical requirements to new setup remains a cost and timing risk.

Key Project Milestones	Expected	Status	Comment
Analysis of test results and report	End of May 2021	Pending	WWLA has experienced delays to finalise report. In progress and latest

			submission is end of May 2021.
Close out and Reporting	30 April 2021	Pending	WWLA is busy with analysing and reporting. McMillan Drilling to de-establish and reinstate area to original condition
Resource Consent preparation and application	8 to 12 weeks (22 September 2021)	Awaiting outcome of Stage 2 testing	On the assumption that it will be a Non-Notified application. Delayed by two months as a results of test report.
Further milestones to be determined after outcome of testing			

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$1 180 000	*$190 383.60*	*$1 180 000*

Project Name: Paihia WWTP Upgrade

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

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Construction is 100% complete. All requirements have been met and Completion Certificate has been issued. Chemical dosing requirements have been confirmed, project is in design phase
Scope	**Green**	**Amber**	WSP have been engaged to carry out the design and technical specification
Schedule	**Green**	**Red**	The initial target was to have design completed in Jan 2021 however further testing was required to the end of Feb to confirm seasonal coverage. A scope has now been confirmed with new milestones established identified below
Cost	**Green**	**Amber**	Project is currently within budget
Project Risk	**Amber**	**Red**	Plant is compliant

Monthly Summary:

All defects and requirements have been met with Contract close out completed and Completion Certificate issued for Contract 7/18/500.

Design consultant has been engaged for the dosing requirements.

Accomplishments:

- Contract 7/18/500 Close out
- Engagement of Consultant for Design
- Design 60% Complete

Expected Accomplishments:

- HAZOP Completed.
- Design Completed.
- Supply specification Completed

Key Project Risks	Mitigation of Risk
Alkalinity Adjustment.	To be completed as a separate project This has been foregone due to requirements from chemical dosing.
Land Stakeholder Engagement and Approval (Tangata Whenua).	Continuous engagement and involvement
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
Issuing of Completion Certificate	23-Mar-21	Met	All requirements met.
Engage Design Consultant	25-Mar-21	Late	Issued 1-Apr-21
Design Completion	27-May-21	Underway	Currently tracking on time
Supply Procurement Completed	24-Jun-21	Ongoing	Supply of Dosing Units
Installation Procurement Completed	17-Jun-21	Ongoing	Installation of Dosing Units
Completion Alkalinity Adjustment	9-Sep-21	Ongoing	Currently tracking on time

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 Name: Opononi New Water Source - Smoothy Road Bore

Project ID: 571008

Project Phase: Pre-Implementation of Stage 2

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

Monthly Summary:

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

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

Hokianga Holdings Limited, Top Energy and Council have signed the sale and purchase and easements/maintenance agreements, and the Survey Office Plan was approved at LINZ. Property Group submitted the formal acquisition of the land area.

Asset Data to be compiled and recorder by FNDC Asset Management team.

Key Project Risks	Mitigation of Risk
Maintenance of Top Energy lines by FNDC	Tree line needs to be maintained to prevent damages to overhead lines.
Getting Asset Data from Ventia	Follow up with project team and manager

Key Project Milestones	Expected	Status	Comment
Asset Data Sheets	30/05/21	In progress	Awaiting info from Ventia
Formal acquisition by Gazettal process	30/06/21	In progress	Submitted, awaiting approval

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$946,665	*Finance to provide*	*Finance to provide*

Project Name: BOI Sports Complex

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	The planning stage and design stage is underway. From here the project will move into delivery stages, focussing on a staged design delivery and targeting early construction activities which can be commenced as a priority.
Scope	**Green**	**Green**	To manage the development and delivery of a Waipapa Sport Hub on the land acquired. The development must meet stakeholder, community, and sporting code requirements.
Schedule	**Amber**	**Amber**	Currently the project is tracking slightly behind the original programme, this is due previously mentioned delays some further planning delays. Pre application meeting with Council indicated the need for a Notified Resource Consent. Notified Resource Consents take around four to six months to process, depending on the complexity, significance and the level of contention involved. This will impact the overall programme, as Building consent cannot be obtained until RC has been approved. Additional Specialist Reports is required as part of the Notified Resource Consent applications.
Cost	**Green**	**Green**	The project is running within budget.
Project Risk	**Amber**	**Amber**	- Resource Consent processing times - NTA approvals - Any changes to approved concept layout would be a risk to the project. - Meeting procurement objectives results in a longer procurement process.

Monthly Summary:

Physical works for the improvements around the SH10 junction started. Once the tree felling was completed, it was discovered that the main Fiber cable running from Auckland to Kaitaia, a 200 Copper cable runs directly within the roots swell of the tree roots that needs to be removed. The roots cannot be removed without damage to the cable. The cables need to be relocated. Chorus is busy doing a costing quote. This is delaying the SH10 works progress.

After comments from the pre-application meeting, the concept layout was adapted to address some concerns from NTA. The new layout was presented to the working group and FNDC and accepted as the final layout.

Haigh Workman & NZTMS is busy finalizing concept design for Resource Consent purposes. Architect underway with concept design.

Noise Assessment Report & Ecologist Report received. Lighting design is underway, and the Lighting Assessment Report is expected in May.

Aiming to submit the Resource Consent application end May / beginning June.

Key work completed in the month of April 2021:

- Acceptance of the new revised concept layout
- Start of the Architectural concept design
- Receipt of the Noise Assessment Report
- Receipt of the Ecologist Report

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

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Resource Consent	Jun 2021 – Sep 2021	Planning	Pre-app meeting held. S92 items identified. RC will be notified consent
Concept Design	Jan 2021	Ongoing	
Developed Design	Jul – Jul 2021	Underway	
Detailed Design	Jul – Sep 2021		
Building Consent	Nov 2021		BC application can only be submitted once RC has been approved

Procurement	Dec 2021		

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$11M	*$5M – Land acquisition* *$0.02M - Design fees*	*$11M*

Project Name: Kerikeri Domain Revitalisation

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	The community and working groups agreed on the initial scope of work for the current funding grants. This has been captured on a concept layout plan for the area and works can commence to ensure detailing of the scope and approach to physical works is efficient.
Scope	**Green**	**Green**	Scope has been agreed by key stakeholder groups and has been developed into a concept layout plan that speaks back to the master plan for the reserve. The various elements identified in the concept layout design will then be designed and executed.
Schedule	**Amber**	**Amber**	Currently the project is tracking slightly behind the original programme, this is due to sign off from stakeholder groups for scope, originally planned in September and only completed in January 2021. The detailed design of the Basketball Court and Skatepark led to the works requiring a Resource consent for the volume of earth works, total impermeable surface coverage and lighting. Resource Consent. Resource Consent application will be submitted end May. Demolition of existing will only start once Resource Consent approval has been received. Landscape, shared path & play space design planning will start in May.
Cost	**Green**	**Green**	The Project is currently within budget
Project Risk	**Amber**	**Amber**	• Resource Consent processing time • Wintertime earthworks • Major changes to the concept layout plan would be a risk to the project. • Meeting procurement objectives results in a longer procurement process.

Monthly Summary:

Detailed design for the Basketball court, surrounding footpath and Skatepark near completion. Engineering design for drainage and Stormwater for Resource Consent application is being finalised and engineering input received with regards to civil and services connections.

Procurement of the demolition of the existing Basketball Court and skatepark will be done once RC has been submitted.

A live survey is underway for input into the proposed play space. Survey closes on the 2md May 2021.

Landscape designer procurement has started.

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

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Community Scoping	Aug- Jan 2021	Completed	Workshop held
Developed Design	Feb - Apr 2021	Completed	
Detailed Design	May – Jul 2021	Underway	
Procurement	Jan - Aug 2021	Ongoing	
Construction	Jun - Oct 2021		

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$ 3M	*$ 0M*	*$ 3M*

Project Name: Freese Park Coastal Erosion – Design and Consenting

Project Phase: Options Assessment

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	• Investigations are complete: o Drone survey undertaken and output has been received. o Geotechnical investigations undertaken and output has been received. • Preliminary Planning Assessment has been completed. This included investigation into the compliance of existing structures. • Consultation Strategy/Plan in draft. • Coastal Process and Erosion Assessment has been finalized. • Options Assessment has been completed in draft and the outcome of this assessment has been issued in a report to Council (due to be presented at the May Council Meeting). Project on hold until we receive Council approval to proceed to public consultation based on the proposed design concepts. Awaiting May Council meeting.
Scope	**Green**	**Green**	No changes in scope
Schedule	**Amber**	**Amber**	Project on hold – awaiting outcome of May Council meeting
Cost	**Green**	**Green**	No impact on project costs to-date
Project Risk	**Green**	**Green**	As per below

Monthly Summary:

The project has been on hold for 6 weeks while awaiting a Council meeting to approve approach to consultation.

Key Project Risks	Mitigation of Risk
Integrated erosion management solution cannot be agreed upon	Early and clear consultation with key stakeholders including owners of properties bordering the public spaces.
COVID lockdowns result in delays to project	Build contingency into programme

Key Project Milestones	Expected	Status	Comment
Presentation to Council of work to date including options considered and proposed consultation strategy.	Mid May	On hold	No comment

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$199,404	*$77,959*	*$199,404*

TOURISM INFRASTRUCTURE FUND

August 2019 Applications:

Project		Status	Notes
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)	Approved with Funding Agreement	Construction has started and completion is due in May 2021.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	The new extension block has been completed. A local supplier has submitted a comprehensive and well-priced proposal to complete the conversion of the old block. They are currently undertaking SiteWise qualification. Construction is anticipated to be completed next month.
2	Pungaere Road Seal Extension	Approved with Funding Agreement	Works onsite has progressed well with completion of the full Pavement overlay and stabilisation throughout the 3.5km length of the site. The sealing of 3.3km of the total 3.5km site was completed in April, with the 100m section at the stock underpass to be sealed once the stock underpass is completed, and the 100m remaining at the intersection with Waiare Road to be sealed once conditions allow (Pavement moisture content is within compliance. Road-marking has been completed over 1.1km of the site with the remainder of the site will to fully Road-marked in early May. The installation of the final cross-road culverts and discharge outlets to address long standing discharge issues was completed in April, with additional outlet structures and culvert headwalls to be installed in May now sealing has been completed. The sealing of 95% of the road was completed by 29th April 2021, with only 5% of the preparation and sealing remaining, along with various ancillary works to complete the project.
3	Cable Bay Carparks	Approved with Funding Agreement	Agreement has the construction phase scheduled in the next financial year. A local designer has been approached to schedule the design process. Design is scheduled to be completed in July with procurement taking place in August and will be aligned with the Te Hiku PGF project to maximise productivity and local economic benefits.
4	Taipa Beach Pohutukawa Protection	Completed	Remedial work completed.
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)	Completed	Drainage issue resolved and shower installation is now complete.
6	Stone Store Lighting	Approved with Funding Agreement	A contractor has been appointed to deliver the electrical services and work is scheduled to begin in July. Final Design is underway.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Infrastructure requirements being priced, and final report drafting is under peer review.
8	District Boat Ramp Operational Plan Study Grant	Approved with Funding Agreement	Final report completed. Next step is to go to the infrastructure committee scheduled 5th May 2021.

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

Round 5 March 2020 TIF Applications

Note: Round 5 which had been postponed due to Covid-19 was reopened at short notice with a closing date of 29 April 2021.

Applications have been submitted for the following projects:

Project		FY	FNDC	MBIE	Total
1	SMART CITIES: Smart Lighting (Wi-Fi)	2021/22	$93,153	$93,153	$186,306
2	SMART CITIES: Smart Bins	2021/22	$53,763	$ 53,762	$107,525
3	Lake Manuwai Toilet	2021/22	$86,840	$86,840	$173,680
4	Te Paki Stream Toilets	2021/22	$128,150	$128,150	$256,300
5	Cape Reinga Road (Te Paki i-Site) Dump Station	2021/22	$57,750	$57,750	$115,500
6	Sealing of Bayly Road (Waitangi Mountain Bike Park)	2021/22	$222,750	$222,750	$445,500
		Totals	**$642,406**	**$642,406**	**$1,284,811**

NEW CONNECTIONS AND FNDC CONSENT REVIEW

Activity		April 2021	YTD '21	YTD '20	
Applications for new Water and Wastewater connections		10	82	87	10 requests to connect to Council water and wastewater services were received in April 2021. Year to date Council has received 82 applications (compared to 87 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	33	470	285	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	146	1668	1149	IAM's consents technician input into Land Information Memorandums by completing soil reports and assessing development contributions.

ENGINEERING STANDARDS

The Far North District Council (FNDC) Engineering Standards (ES) sets out the processes and standards that are expected to be followed and met whenever any development project or Engineering work is undertaken within the District. The ES recognizes that the District Council and other network operators will become the owners and operators of roads and other infrastructure, which are created and vested in the land development process.

EXECUTIVE SUMMARY

The FNDC New Engineering Standards (ES) is developed from WDC draft engineering standards.

Status: The FNDC ES is currently in a Working Draft version 0.3 state and will go out for public consultation between 17 May 2021 – 14 June 2021.

Milestones: Version 0.4 (RMA Clause 35) and version 0.5 (Final) is milestone to be reached. A presentation on the ES will be held at the practitioners meeting in Kaitaia on 28 May 2021.

Key issues on the draft ES:

- Limited resources available due to competing priorities to progress the ES to the final state.
- Some District reference documentation e.g., policies, manuals and processes that feeds into the Draft ES are either in draft state, expired or have yet to be published.
- The ES could potentially increase operations and maintenance cost.

Document

Link: Engineering Standards Far North District Council (fndc.govt.nz)

ES Table of Content

- Chapter 1 – General.
- Chapter 2 – Chapter 2: Site Development Suitability (Geotechnical and Natural Hazards).
- Chapter 3 – Transportation.
- Chapter 4 – Stormwater and Drainage.
- Chapter 5 – Wastewater.
- Chapter 6 – Water Supply and Reticulation.
- Chapter 7 – Public Spaces and Landscape Development Works.
- Chapter 8 – Electricity, Telecommunications and Gas.
- Appendices

INTRODUCTION

The Far North District Council Draft Engineering Standards (ES) has been significantly updated since the 2009 version. The Draft ES has been developed from the Whangarei District Council Draft ES together with other changes tailored with respect to the Far North. The Far North Developers serves as the audience for the new FNDC ES. Intensive integration with internal FNDC departments, Far North Waters, Northland Transport Alliance, Practitioners, The Public, Northland Regional Council and Disability Action Group is required to successfully progress the new FNDC ES to a Final state.

The FNDC ES scope is as follows:

- Requirements for the assessment and reporting of site suitability and for the design and control of earthworks.
- Future roads and infrastructure (including accessways) associated with land development, subdivision and road improvements/upgrades within the District.
- Requirements for design and construction of stormwater conveyance systems.
- Gravity and/or pumped (including Pressure Sewer) wastewater reticulation networks to be vested to Council. Private wastewater reticulation systems that are to discharge into a Council wastewater reticulation system. Private wastewater networks and on-site treatment and disposal systems.
- Requirements for design and construction of all extensions and connections to the District Council's water reticulation system.
- Minimum requirements (and some best-practice examples) for the design and construction of landscaping development works for land development and subdivision on reserves and streetscapes.
- Requirements for network utilities that are not owned or managed by the District Council: electricity, telecommunications/data and gas.

ES REVIEW STATUS & MILESTONES

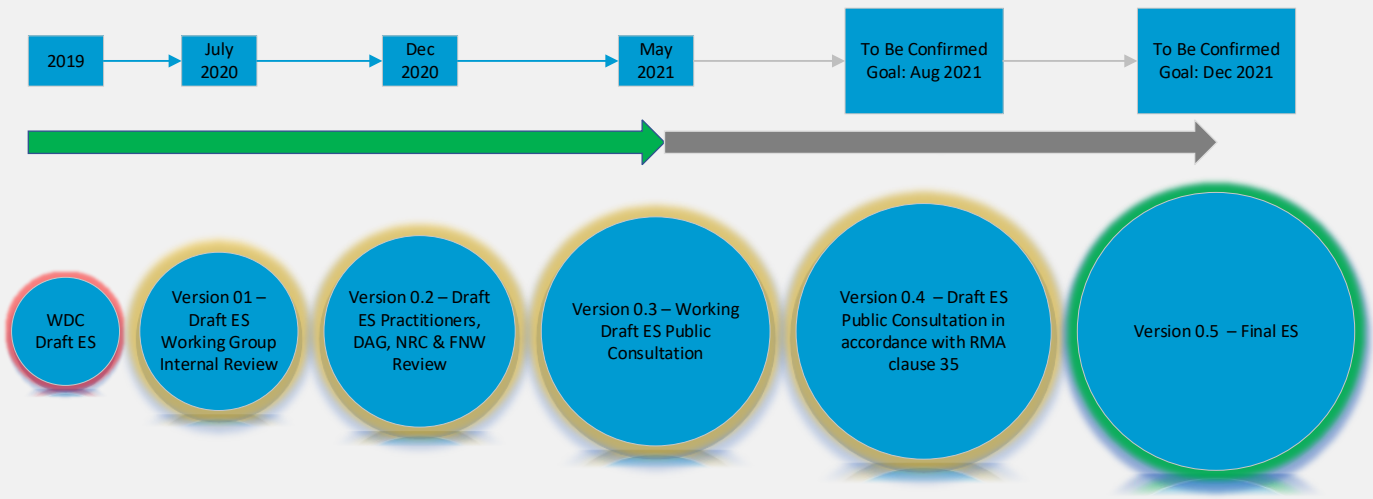


Figure 1 Key Milestone Flowchart

Date Finalized	Version	Comment
2019	WDC Draft ES	Adopted WDC Draft ES
July 2020	Issue 0.1	Draft ES – June 2020 version was produced. Document was review by FNDC internal working group and external consultant. Actions was recorded based on the review feedback.

Dec 2020	Issue 0.2	Draft ES – Dec 2020 version was produced. FNDC ES Review was handed to IAM Engineering Team. The Draft ES was sent for review to the Far North practitioners, FNW, FNDC internal, Disability Action Group and NRC. Actions was recorded based on the review feedback.
May 2021	Issue 0.3	Working Draft ES – May 2021 version is produced. The Working Draft ES will be sent out for public consultation. The Working Draft ES will be available to the public on the FNDC website. Review period is between 17 May – 14 June 2021.

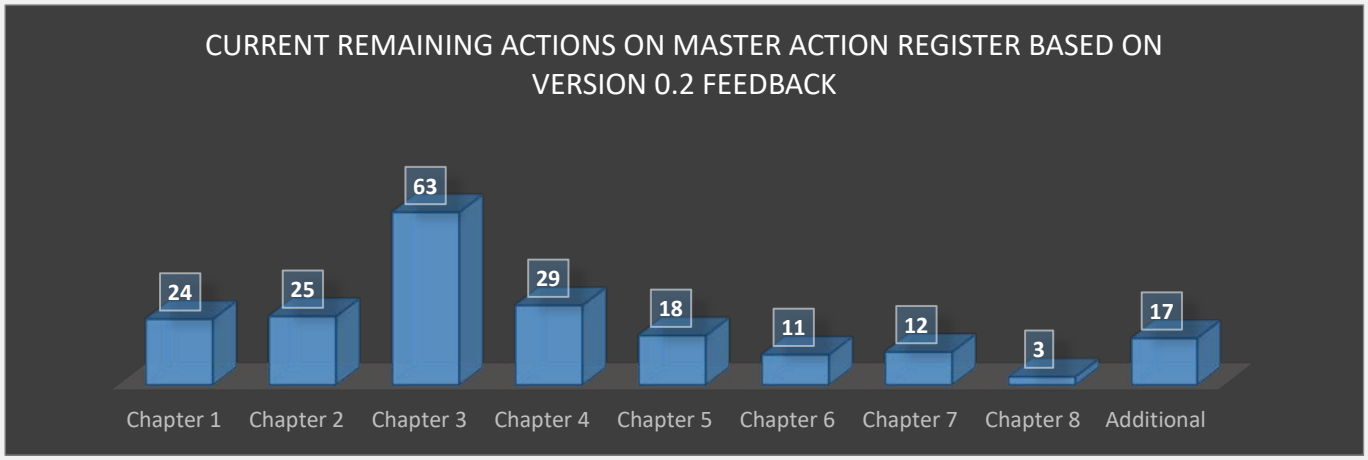
Note: The Engineering Standards will be incorporated by reference in the proposed district plan. Making available a working draft allows for ongoing exchanges and refinement designed to maximise the integration of the technical document with the new district plan provisions.

A future step (Version 0.4) in the continuous improvement process will involve public notification of the Engineering Standards as 'material to be incorporated by reference' in the proposed district plan. This will take place in accordance with the provisions of Clause 35 of Schedule 1 of the Resource Management Act 1991 and will invite comments on the final draft version of the Engineering Standards. This step will take place prior to the statutory notification of the proposed District plan and will ensure that there is public awareness of this opportunity for comment and further refinement.

28 May 2021	Issue 0.3	IAM Engineering Team will provide a presentation at the practitioner meeting in Kaitaia RSA, 12 Matthews Ave, Kaitaia on the Draft Engineering Standards. A discussion session will be held after all presentations.
To be confirmed. Goal Aug 2021	Issue 0.4	Draft ES – May 2021 version is produced. The Draft ES will be sent out for public consultation in accordance with the provisions of Clause 35 of Schedule 1 of the Resource Management Act 1991. Review period to be confirmed.
To be confirmed. Goal Aug 2021	Issue 0.5	Final FNDC ES

ES SCOPE OF WORK

Remaining Actions



Issues: References that are in draft, expired or do not exist within FNDC

Item	Reference	Description
1	1.4.5 Quality Assurance and Quality Control. 1.6.5.5 Testing. 5.1.4.3 District Council Documents. 4.1.4.3 District Council Documents. 6.1.4.3 District Council Documents	QA/QC Manual 2010.
2	1.5.1.3 The Role of the IQP & Throughout the document.	Independent Qualified Person (IQP) Assessment Process
3	1.6.5.1 Health and Safety	Health and Safety Policy, Contractors Health and Safety Handbook and H&S002 Potential Site-Specific Hazards Associated with the Project.
4	1.1.4.3 District Council Documents	H&S006 - Office Workplace Health and Safety Inspection Form
5	1.1.4.3 District Council Documents	Policy #0074 - Uncompleted Works Bond
6	2.1.3.3 District Council Documents.	Good ground guidance document not finalised
7	2.1.3.3 District Council Documents. 2.2.2.2 Reference Documents.	Acid Sulphate Soil Planning Policy Basic Guide 2015.
8	2.1.3.3 District Council Documents	Land Hazard Maps
9	2.1.3.3 District Council Documents	Land Instability Maps
10	2.1.3.3 District Council Documents	Policy #0129 - Stabilisation Systems for Land Development
11	2.1.3.3 District Council Documents. 2.2.2.2 Reference Documents.	Coastal Structure Plan - Slope Instability Hazard Potential and Effluent Disposal Potential:
12	2.1.3.3 District Council Documents. 2.2.2.2 Reference Documents. 4.1.4.3 District Council Documents	Stormwater catchment management plans.
13	4.1.4.3 District Council Documents	Approved Materials List - Public Spaces and Landscape Works
14	4.1.4.3 District Council Documents. 5.1.4.3 District Council Documents	Approved Materials List - Wastewater and Stormwater
15	5.1.4.1 Statutory	FNDC Trade Waste Bylaw 2009.
16	5.1.4.3 District Council Documents. 6.1.4.3 District Council Documents	Standard for Wastewater Pumping Station Electrical Engineering Systems
17	6.2.12.4 Backflow Prevention	Backflow Prevention Policy and Code of Practice
18	6.1.4.3 District Council Documents	Approved Materials List - Water Services
19	6.1.4.3 District Council Documents	Specification for Installation of Watermains
20	6.1.4.3 District Council Documents	Specification for the Installation of Service Connections
21	6.1.4.3 District Council Documents. 6.1.7.1 Work on Existing Water Mains. 6.3.1. Licensed and Registered Contractors	Specification for Registered and Licensed Contractors for Water Supply. The FNDC Hygiene Code of Practice for All Personnel working on the Water Production and Distribution System is in draft state and last worked on in 2004.
22	6.1.4.3 District Council Documents.	FNDC new water bylaw
23	7.1.4.3 Other Relevant Documents	Development contribution policy
24	7.1.4.3 Other Relevant Documents	Fencing contribution policy

Other Issues		
Item	**Reference**	**Description**
25	1.4.2 Developer's Representative	*The Developer shall nominate a specialist representative to liaise with the District Council, who should be a licensed cadastral surveyor, resource management/planning consultant, or chartered professional engineer, suitably experienced in* ***all phases of resource consent, and available for site visits within 24 hours of being so requested by the District Council.*** *A suitably qualified and experienced person in a related field may be nominated subject to acceptance by the District Council.*
26	1.4.4 a Insurance	High Public Liability Insurance is proposed.
27	3.2.6. Road Classifications and Design Criteria	Road classifications could change due to the One Network Road Classification
28	3.1.5. Reference Documents	NTA Website under construction
29	Table 4.2 Minimum Design Summary	Attenuation to 80% of pre-development flow is required when the developer Discharge to a natural flow and secondary flow path, Direct nuisance to other property and people, Discharge to council stormwater and roading network where identified downstream flooding exists.
30	Throughout the document	FNDC previously advised developers that TP 10 is not a FNDC excepted design document. This document is referenced throughout the Draft ES.
31	5.1.7. Connection to Existing Wastewater Scheme	Area of Benefit is not available to the public
32	7.2.6.1 Introduction	1.2m grass berm is added to the road corridor and trees planted in 25m c/c spacing that will increase operational and maintenance cost.
33	Working Draft ES - May 2021	Correlation between District Plan and the New Engineering Standards.

PROGRAMME DARWIN

To lead best practice enterprise asset management in New Zealand.

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

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

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

EXECUTIVE SUMMARY

Program Darwin continues to advance albeit at a moderate rate. No significant change in status. Technology workstream will submit a revised SoW, data cleansing is continuing but timelines remain uncertain. Lead identified for Lifecycle workstream. Reset session scheduled for 21 May 2021 to align understanding and set a common forward direction for Darwin

□ PROGRAMME VISION

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

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

← STATUS INDICATORS

Overall	→	No significant change in status. Technology workstream will submit a revised SoW, data cleansing is continuing but timelines remain uncertain. Lead identified for Lifecycle workstream. Reset session scheduled for 21 May 2021 to align understanding and set a common forward direction for Darwin.
Benefits		No change; remains the basis of performance framework for 2022.
Capability		Challenges remain with project delivery resourcing across the project team, including asset SME's, IT project support and supply chain capacity to support project inputs.
Leadership		Programme leadership has been strengthened with the appointment of a permanent Manager Asset Management & Infrastructure Planning to foster greater integration and task prioritisation and the appointment of the Programme Manager – EAM.
Budget		Currently appears within forecast but actual spent and staff claims against budgets remain under investigation. 2022 and follow-on year budgets yet to be defined.
Roadmap		Revised timelines, deliverables and expectations detailed in November update to Elected Members are unrealistic. The Reset session will provide guidance as to a revised Roadmap. The velocity at which data cleansing is being performed remains an issue.
Risk		A number of variables, resourcing, budget, rate of delivery etc. still plaque the programme. Also, the uncertainty surrounding proposed water reforms.

←STATE OF PLAY

Last Month	Next Month(s)
Programme: Candidate for Lifecycle Workstream Lead identified. • **Technology W/S-1:** Data cleaning against IPS business rules for Dataset-2 in progress, and refinement of business processes continuing. • **Lifecycle W/S-2:** None. • **Transformation W/S-3:** None. • **Stakeholder W/S-4:** Continued engagement with all data supply chain partners e.g., Far North Waters on system requirements.	**Programme:** Map out the programme of work for Stages 1 and 2 (2022) and provide focus to accelerate asset condition assessment piece of work. • **Technology W/S-1:** Revise the SoW to ensure organizational expectations are met once Phase 1 (a & b) are delivered. • **Lifecycle W/S-2:** Condition assessments to continue and accelerate. • **Transformation W/S-3:** Workshop to be held after Reset session. • **Stakeholder W/S-4:** Continued engagement with all data supply chain partners e.g., Far North Waters on system requirements.

← PROGRAMME WORKSTREAMS

Name	Type	Status	Programme Comment
1-TECHNOLOGY: Integrated Asset Management System (IPS)	Project		Full operational use of IPS Suite will only be possible once all the data loads have been migrated (optimistically December 2021), and the system has been fully configured (towards the end of 2023). The status will be updated to reflect the updated schedule once the AMS project manager has agreed to the revised timeline. The team is experiencing delays within the data cleaning process.
2-LIFECYCLE: Asset Life Cycle, Processes, Condition Assessment, Data & Analytics	Operational		No budgetary changes, the planned LAMP pilot is not expected to be ready by June 2021. Currently, the completion of a pilot LAMP is projected to be delivered December 2023. Condition surveys are being delayed ensuring the process and tooling for the capturing of field data will provide for an efficient process, correct asset fields and accurate data. WinCan is being proposed as a potential solution to address these requirements.
3-TRANSFORMATION: Roles & Responsibilities, People & Culture	Improvement		Initial survey completed (Field Force). Original transformational plan will not be pursued as Toney McCartney (PraCxus) has stepped away from the programme. A new plan to be developed by Helen R and Bonnee H.
4-STAKEHOLDERS: Upwards, Downwards, Outwards & Sideways	Improvement		Engagement program yet to be initiated. Communications Framework to be reinvigorated.

←PROGRAMME MILESTONES

Milestone	Baseline Date	Actual Date	Status	Comment
Identify Stage completed	NA	30/11/2019		Programme plan agreed for Phase 1a will not deliver on Council's business requirements without adding Phase 1b; Stages 2 & 3 delivery plans to be workshopped with the stakeholder group over the coming months.
Define Stage completed	31/03/2020	1/02/2021		Operational demands on project resources along with discovered issues relating to data and data access have delayed progress until availability of condition data and working system environment.

Execute Stage completed	30/06/2021	30/06/2023		Delivery date extended to reflect the adaptation necessary once the team begins with condition data importing & manipulation.
Product Review Stage completed	30/06/2022	31/12/2023		Project & workstream delivery will be staggered to ensure each value release builds on prior releases over 2022-2023. The reduction in condition budget may foil the delivery of a fully mature system by June 2022.

TOP PROGRAMME CHALLENGES

Ref #	Explanation & Cause	Priority	Action Required	Owner	Date Raised
5	Operational commitments impede staff availability to participate in workshops or contribute to Darwin, resulting in sub-optimal progress.	1	Some improvement in the outlook with additional resourcing coming on board. Still expect this issue to prevail throughout the life of the programme.	PrgM – EAM GM – IAM	May 2020

TOP PROGRAMME RISKS

Ref #	Description	Probability	Impact	Trend of Risk Rating	Mitigations	Owner	Review Date
11	Program resourcing constrains may lead to an adjusted risk profile.	Possible	Major	Stable	Status report and mitigation framework presented. Full programme lifecycle update by November 2020.	PrgM – EAM	Apr 2021
14	Investigation into budget management have identified some potential issues with coding of time.	Probable	Significant	Stable	Changes to budget allocation still being worked through.	PrgM – EAM	Apr 2021
15	Water reform investigations/negotiations impact both progress and willingness to advance program.	Possible	Major	Stable	Programme leadership commitment and organisational information governance committee oversight.	PrgM – EAM	Apr 2021

PROGRAMME FINANCIALS

	Approved Budget	Spend to Date	Forecast Cost to Complete	Commentary
Capex				Darwin does not currently have a budget. Costs appear to reflect against the budgets allocated to respective projects. Investigation is ongoing.
Opex				Budget spent to be planned out once new condition assessment project manager is appointed.
Totals				-

INFRASTRUCTURE PLANNING

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

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

EXECUTIVE SUMMARY

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

- The recently issued resource consent required working group (WG) consisting of senior council staff, Ngati Kahu hapu and community representatives to be established. The group met for the first time in March and will meet monthly over the next year.
- The 2021-2051 Infrastructure Strategy is largely completed, and staff are currently addressing audit feedback.
- Wastewater land disposal assessments for Kaitaia and Kaikohe are to be taken before the infrastructure committee on May 5th. Staff will be asking for support in the economic viability of land disposal.
- Infrastructure planning continue to work with Strategic Planning and Policy team on key pieces of work including:
    - Parking policy and bylaw
    - Water supply bylaw review
- Staff continue to work on project to develop methodologies to undertake inhouse the task of forecasting future demands that will be placed on our water and wastewater schemes.

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Transport

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
District Transport Strategy		•	•	•		FY19/20	The Council endorsed Integrated Transport Strategy Programme Business Case awaits NZTA Board approval. The programme has been incorporated into the draft Regional Land Transport Plan and NZTA suggested modifications have been effected to ensure improved chances of gaining subsidy. RLTP Deliberations on feedback were undertaken by Regional Transport Committee. The Transport Strategy development project is now being prepared for closure and preparations are underway on next phase implementation planning. The FNDC website has been updated with the draft Transport Strategy. LTP deliberations will be undertaken in May
Sludge Strategy – End Use		•	•			Ongoing	Making good use of the sludge as a resource is a challenge. The 2018 Sludge Strategy identified a number of potential options for end use, including identification of a preferred end use (quarry rehabilitation), however initial development of this option identified a number of potential hurdles. Staff are reviewing end use options with the intention of determining a preferred option. Further work, in terms of implementing the preferred overall sludge management approach (the centralised strategy option) is required to facilitate the current review of the end use options outlined in the sludge strategy.
WWTP Consent Replacement Programme		•	•			Ongoing	A programmed approached has been initiated to support the consent replacement process for Councils wastewater treatment plants. An initial planning assessment has now been completed to cover the consent replacements that need to be lodged over the next five years. That work provides key planning considerations, risks and technical information requirements for each consent application. Commissioning of urgent technical work required to support the Kaikohe and Kaitaia wastewater treatment plants is largely complete and consultation with potentially affected parties is about to commence.
2021-2051 Infrastructure Strategy		•	•	•		Ongoing	The Local Government Act requires that all Local Authorities prepare an infrastructure strategy as part of the long-term plan. The infrastructure strategy sets down Council's strategic response to address major long-term infrastructure challenges. The strategy is largely completed, and staff are currently addressing audit feedback.
Paihia Network Model Upgrades		•	•	•		Mid 2021	Separate projects are underway to update and calibrate the water supply and wastewater network models for Paihia. The model building phase is complete, and model calibration is currently being carried out. A request to MBIE was lodged, and has been approved, to extend the completion date for these projects out to 31 August 2021, to account for additional time associated with acquiring and processing the additional flow monitoring data that was captured to support the wastewater model. Both projects are comfortably on track to be completed within this new project completion deadline.
Balance of WW and WS Model Upgrades		•	•			Ongoing	FNDC has secured DIA funding via the 3W Reform to update as many of our WS and WW models as we are able to, within the funding timeframe available, to 31 March 2022. As a result of consultant feedback regarding procurement for the Paihia model update project, the method of procuring model updates for the balance of the WW and WS models has been revised. Each model update project will be staged: Stage 1 Data Review and Gaps Analysis; Stage 2 Data Acquisition; Stage 3 Model Build/Update and Calibration; and Stage 4 Model Analysis. RFQ's have been issued to a number of consultants for Stage 1, which is to be completed within a 3-month timeframe so that the data acquisition can occur during the wetter months as this is particularly beneficial for WW model calibration. Consultancy firm Jacobs have been included in the Stage 1 RFQ's as they have partially undertaken data review and gaps analysis for models in the Kerikeri and Taipa communities. An output of Stage 1 is the scope of model update required for each model, based on the findings of the data analysis and gaps review. This output will be used to inform the RFQ's to be issued later this year for Stage 2 and 3 of each model update project.
Water and Wastewater Demand Forecasting		•	•	•		Mid 2021	A list of recommendations to improve the quality of the data available to FNDC is being reviewed by staff for implementation. The consultant engaged to develop methodologies for forecasting future demands is underway with this stage of the project, with methodologies expected to be issued mid-May. Currently the programme is on track to have the methodologies developed, and implemented with regards to the Paihia schemes, by mid-2021.
Wastewater Disposal to Land Investigations		•	•	•		Ongoing	Policy D.4.3 of the Proposed Regional Plan for Northland sets out that a resource consent application to discharge municipal wastewater to water will generally not be granted unless a disposal to land option has been considered and found not to be economically or practicably viable. FNDC staff have developed a robust discharge to land assessment methodology, being a desktop method to identify sites potentially suitable for land disposal. This assessment has been completed for the Kaikohe and Kaitaia WWTP and is currently underway for the Hihi WWTP. Findings from the assessments for Kaikohe and Kaitaia, along with analysis of economic and practicable viability, will be reported on at the May 05 Infrastructure Committee meeting, to seek a recommendation from elected members as to whether or not disposal of treated wastewater to land is considered to be economically viable for the Far North district.
Ahipara Wastewater Disposal to Golf Course Investigations		•				Ongoing	An assessment of the potential viability of disposing treated effluent from the Ahipara WWTP to the Kaitaia Golf Course has been provided to interested parties, specifically including the Kaitaia Golf Course, for their consideration. Following considerations, interested parties have indicated that further investigations are supported, and staff have begun development of an RFQ for onsite testing to evaluate the suitability of the Kaitaia golf course for land disposal. The work to be done will also include investigations into the quality of wastewater being discharged from the Ahipara WWTP to determine if upgrades are required before land

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Transport

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
							disposal can be implemented.
Parking Policy and Bylaw		•	•			June 2022	The current Parking and Traffic Control Bylaw was not reviewed and will be automatically revoked on 17 June 2022. The district-wide parking policy and associated bylaw project is underway with significant research undertaken in-house. The Project Brief has been modified to address risk associated with policy development timeline impact on delivery of the bylaw by 17 June 2022. A Project Plan will be developed to establish the programme of consultation and engagement activities for interested and affected parties. Council's Engagement team will help facilitate this essential element contributing to the successful adoption of this critical and very topical project. Further surveys will be undertaken in May
Consent Applications/Authorisations							
Kaikohe WWTP Renewal		•				August 2021	The Kaikohe wastewater treatment plant (WWTP) services the urban areas of Kaikohe and Ngawha. The existing resource consent authorises the discharge of treated wastewater into the Wairoro Stream. The existing consent expires 30 November 2021. It is known that the nutrient levels in the discharge will need to be reduced to improve water quality and to meet appropriate environmental standards. To achieve this, it is likely that the treatment plant will need a significant upgrade. The preferred upgrade option has been identified along with high level costs for input into the LTP. The study on land disposal feasibility which includes a high-level analysis of costs has been completed. 20 April, Senior staff attended a Hauauru Takiwa meeting at the Kaingahoa Marae, Kaikohe to discuss the consent renewal.
Kaitaia WWTP Renewal		•				August 2021	The Kaitaia wastewater treatment plant (WWTP) services the urban areas of Kaitaia. The existing consent expires 30 November 2021. An application to renew the consent will be lodged with the NRC prior to 30 August 2021. The preferred upgrade option has been identified along with high level costs for input into the LTP. Current work underway includes a study on the effects of the tradewaste discharge from JNL, the commissioning of an ecological assessment and a flood hazard assessment. The technical work to support the application will be completed in early June.
Taipa seawall/hard protection structure		•				June 2022	A recreation reserve at Taipa; at the mouth of the Oruru River, has been identified as requiring protection from coastal erosion. Alongside the Asset Manager for District Facilities staff will begin engagement with tangata whenua to firstly enable the design of the seawall and then the resource consenting process. An Archaeological Authority may also be required.
Motutangi Drainage District Concession application		•	•	•		TBC	In late 2019 DOC advised that the draft concession report would be peer reviewed and then be sent to Kaitaia's Operations Manager for approval. However, despite continued requests for updates no information was provided until recently. In late August staff were advised DOC had a new Operations Manager in Kaitaia and that the concession application would be approved (or otherwise) by the new manager. The change in management has required a complete review of the application and it is understood the Manager is seeking an internal legal opinion on the drainage activity in the Kaimaumau Scientific Reserve. Once that has been received staff will continue to work with DOC to progress the concession application.
Kawakawa WTP groundwater reassessment		•				August 2021	In December 2020 staff initiated a project to review the correlation between groundwater levels in the source aquifer and the Tirohanga stream at the Kawakawa water treatment plant. The initial assessment has shown that the current information on the connectivity is likely to be correct (i.e., there is a high degree of correlation between the aquifer and the Tirohanga stream) but has recommended some next steps, including aquifer tests to provide a complete assessment. Covid travel restrictions have delayed the hydrologist's site visit however a recommendation and proposal for further aquifer testing is expected before May 2021. If the consent can be amended, then that work can be prioritised so that the amended consent is issued before the 202122-dry season.
Southern Animal Shelter		•	•			April 2021	Resource consents from both NRC and FNDC are required to construct the new southern animal shelter. Applications have been lodged and are currently being processed.
Temporary Southern Animal Shelter		•	•	•		June 2021	A retrospective resource consent (land use) application has been made to authorise the temporary southern animal shelter located in Horeke. The consenting authority (FNDC) has determined that the application should be limited notified. The submission period closed in April and one submission opposing the application was received.
East Coast / Taipa WWTP WG		•	•	•	•	March 2021	The recently issued resource consent required working group (WG) consisting of senior council staff, Ngati Kahu hapu and community representatives to be established. The group met in April and will continue to meet monthly over the next year. The first milestone to be achieved by the WG is to assess the options for disposing of treated wastewater (including land disposal options) and to provide a report to NRC with the best practicable option (BPO) by 1 September 2022. If the BPO is land disposal then NRC must be notified by 1 July 2023 whether or not Council, it is committing to the land disposal option.

Activity	Comment
Collaboration and Engagement	
Parking policy and bylaw	A collaboration project with the Strategic Planning and Policy department is underway to write a district-wide parking policy and associated bylaw. The need for a parking policy is clear having been identified throughout the Integrated Transport Strategy and Plan. The current Parking and Traffic Control Bylaw was not reviewed and will be automatically revoked on 17 June 2022.
Disability Action Group	The team remain actively engaged with the Disability Action Group. Recent activity includes confirming to the group that their engagement in the Integrated Transport Strategy has led to the inclusion of several projects and activities in the transport programme which will address the lack of facilities and services for people with disabilities. For example, we are working closely with NRC to expand the Total Mobility scheme into the Far North. Our engagement with the group is providing valuable insight into matters that need to be included in the new Engineering Standards.
Regional Council	The Transport team are active members in the Regional Land Transport Plan working group with a key objective to ensure that the Far North Transport Strategy and Programme are fully incorporated and fairly represented alongside our neighbouring Districts in the RLTP. We were part of the team that road showed and promoted public interest in the RLTP around the region in March. Deliberations on feedback will be undertaken in April and be reported to the Regional Transport Committee for deliberation in May.
Water Supply Bylaw	FNDC's current Water Supply Bylaw is due to be revoked on 16 October 2021; SPP staff, with support from IAM staff, continue to work on revising the content of this necessary bylaw, including seeking input from relevant internal users of the current bylaw. Key content of the revised bylaw will enable FNDC to implement water restrictions on water supply schemes, in preparation for or times of drought.
On-site water storage options paper	On-site water storage has been suggested as a possible solution to improve the resilience of the district's water supply schemes. SPP staff, with support from IAM staff, drafted a briefing paper for the Strategy and Policy Committee meeting held on 09 February, which set out relevant work undertaken by FNDC regarding on-site water storage, and summarised the current stance of other local councils regarding the potential for on-site water storage to improve water supply resilience. This briefing paper is intended to be followed up later in 2021 with a workshop with Elected Members, and an in-depth report that analyses the problem of water supply resilience and will include consideration of on-site water storage, along with other options, to improve resilience of FNDC's water supply schemes. IAM staff support will be integral to the drafting of the follow-up report, with the completion of work streams described above, such as the demand forecasting work, required to inform the in-depth report on water supply resilience. Due to work prioritisation within the SPP team, it is understood that this work is not currently being progressed by SPP.
Web platforms for WWTPs and associated projects	Alongside SPP's engagement team, webpages are being developed for each WWTP. The webpages will include an explanation of the type of treatment that occurs at each WWTP and any associated projects, for example consent renewal projects and treatment upgrades.

INFRASTRUCTURE COMPLIANCE

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

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

EXECUTIVE SUMMARY

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

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

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

WATER SAFETY PLANS PROJECT

The Water Services Bill 2020 continues to progress through the select committee stage, and the subsequent establishment of *Taumata Arowai* the Water Services Regulator.

Along with review of Council's Water Treatment and Supply Bylaw's there is continued emphasis for the FNDC Asset Compliance Team to meet the milestones in development of the updated Water Safety Plans.

In the last month the work has concentrated on preliminary stages in refining Council's Drinking Water Framework following the Ministry of Health Guidelines for Management of Water Safety Plans.

FNDC DRINKING WATER FRAMEWORK

Following the guidelines within the Ministry of Health : Handbook for Preparing a Water Safety Plan (May 2019) a dedicated council DWF framework overall approach is being managed.

WSP Preparation

Components	Subcomponents	Progress through WSP preparation →									Completed WSP
1 Commitment to drinking water quality management	1.1 Relationship of WSP to organisational policy and strategy										
	1.2 Engaging stakeholders										
	1.3 Engaging community					1.2, 7.1					
2 Assessment of the drinking-water supply system	2.1 Water supply system description and analysis										
	2.2 Assessment of water quality data										
	2.3 Hazards and hazardous event identification and risk assessment			2.1, 2.2							
3 Preventive measures for drinking-water quality management	3.1 Assessment of existing preventive measures and multiple barriers				2.1						
	3.2 Identification of additional preventive measures					3.1					
4 Operational procedures	4.1 Operational procedures						2.1, 2.3, 3.1				
	4.2 Operational monitoring and inspection							3.1, 4.1			
	4.3 Critical control points								3.1, 4.2, 9.2		
	4.4 Corrective actions							3.1, 4.1, 8.1			
5 Verification monitoring programme	5.1 Drinking-water quality monitoring				2.3						
	5.2 Consumer satisfaction						1.3				
	5.3 Short-term evaluation results							5.1, 5.2			
6 Improvement plan	6.1 Drinking-water quality management Improvement plan						2.3, 3.1, 3.2, 4.1				
7 Management of incidents and emergencies	7.1 Incident and emergency response plans				2.3						
8 Documenting and reporting	8.1 Management of documentation and records										
	8.2 Reporting										
9 Investigations	9.1 Investigative studies								2.3, 4.4, 7.1		
	9.2 Validation of equipment, processes and practice								2.1 , 4.1		
10 Oversight review and continual improvement	10.1 Long-term evaluation of results								4.2, 5.1, 5.2		
	10.2 Audit of drinking-water quality management										
	10.3 Review by senior leadership										

The table below summarises the sections that have been completed. The workstream is at an early phase stage.

No.	FNDC Drinking Water Framework Section	WSP Handbook Section
1.	Commitment to drinking water quality management	1.1, 1.2, 1.3
8.	Management of incidents and emergencies	7.1
9.	Investigations	9.1,9.2
10.	Documentation and reporting	8.1, 8.2
11.	Oversight, review and continual improvement	10.1, 10.2, 10.3

Further ongoing workstreams are progressing as listed below:

Drinking Water Safety Plans Framework Policy

- The framework policy is going before IAM Risk Committee for review and approval

Drinking Water Drinking Water Transgression Response Plan

- This document is complete and ready for review and agreement with FNDC and FNW.

Monument Hill

- The Operating and Maintenance O&M manual for Monument Hill water treatment plant.
- This document requires some additional inputs and confirmation by FNDC and FNW.

List of Standard Operating Procedures

- Review of list of district wide (general) SOPs which has been compiled in the creation of the Monument Hill plan.

Drinking Water Supply Management System

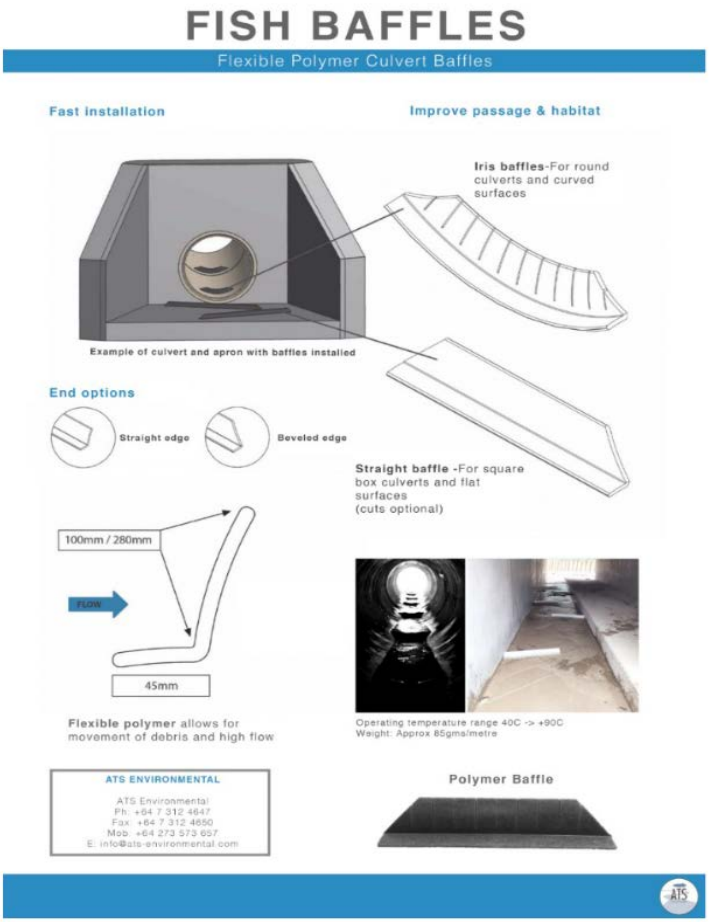
- Document Register – this tracks the status of each of the documents

FISH PASSAGE PROJECT

The IAM Compliance Team is pleased to report that fish passage improvements have been completed at Stoney Creek (near Taipa). In due course, a follow up fish numbers survey will be carried out to gauge effectiveness. This is a continuing compliance activity related to improvements at freshwater sources.

Flexible baffles have been installed in all 5 culvert pipes within the ford at Stoney Creek. This creates a deeper, more complex water flow for native fish to navigate through the structure. The picture attached shows the same water flow coming into the culverts but

demonstrates the difference in depth, speed and complexity of flow that now occurs inside the pipes. This will assist the upstream migration of native fish. Flexible rubber ramps and mussel rope have also been attached at the culvert outlets to alleviate any perch at low water flows.



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

Taumata Arowai's recent DRAFT 'Drinking Water Supply Operational Compliance Rules' DRAFT drinking water supply Operational Compliance Rules (dia.govt.nz) has set out the requirements that drinking water suppliers must meet to demonstrate that they are not exceeding the maximum acceptable values (MAV) for microbiological, organic, inorganic, cyanotoxin and radiological determinands which are set out in the 'New Zealand Drinking Water Standards 2005 (revised 2018) effective 1st March2019'. A determinand is a constituent or property of the water that is determined, or estimated, in a sample. The National Environmental Standard uses the term 'determinand' rather than 'contaminant' because it has a specific and narrower meaning, as defined in the Resource Management Act (1991).

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

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

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

- Surface water takes requiring 4 log treatments.

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

WATER MONITORING SOFTWARE

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

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

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

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

The business case for the adoption of the water monitoring software is in its' final stages.

Summary of Abatement Notices

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

Location	Asset	Asset Type	Non-Compliance	Action Underway
	Mangonui Handrail		• The abatement notice was issued in May 2018 • Erection of a safety rail on the Mangonui boardwalk required	As agreed by Northland Regional Council, 80m of handrail was installed in September 2018 in high-risk area. A Resource Consent issued for boardwalk improvements. Initiations to cancel the existing abatement notice are actioned in early 2021.
	Kaitaia Recovery Centre		• The abatement notice issued Nov 2018 • Stormwater runoff from bins at site may contaminate waterway	The Interceptor / oil separator has been installed. A meeting has been arranged with the Infrastructure Compliance Lead and the Northern Monitoring Officer to arrange an inspection of the separator.
	Opononi WWTP		• The abatement notice was issued in Apr 2016 due to the plant evidencing non-compliance with the E. coli limits.	The preferred upgrade strategy which derived from the 'Issues and Options' report was: chemically assisted solids removal, UV disinfection, with an external ammonia removal package, including the maintenance of harbour discharge. This upgrade strategy has supported the resource consent renewal application and has been put forward in the Long-Term Plan.
	Kaitaia WW Network		• The abatement notice was issued in April 2016 due to unconsented network overflows • Unconsented network overflows	Screens have been installed at the overflow location and programme of work is underway to reduce frequency of overflows. An Action Plan has been created to prioritise the creation of a Leak Detection Plan as a result of the planned zonal monitoring.
	Kerikeri WWTP (application to cancel after 18 December)		• The abatement notice was issued in July 2020 due to a non-compliance with the wastewater discharge criteria.	A full update on the WWTP performance and request to withdraw the current abatement notice was given to the NRC Monitoring Officer on 12 March demonstrating continual compliance.

WATER AND WASTEWATER RMA COMPLIANCE REPORT – MARCH 2021

Sites	Asset Group	April Status		Comment
		Compliant	Detail	
Kaitaia		●	Compliant	
Kaikohe		●	Compliant	
Kawakawa		●	Compliant	
Kerikeri		●	Compliant	
Okaihau		●	Compliant	
Opononi		●	Compliant	
Paihia		●	Compliant	
Rawene		●	Compliant	
Russell		●	Compliant	
Ahipara		●	Condition 10 Condition 2	• An analysis and recommendation report of the inter stage testing has been commissioned and sent to NRC
Hihi		●	Compliant	• The project to upgrade plant is in its initiation phase. • DWF Status: Compliant
Kaeo		●	Compliant	
Kaikohe		●	Compliant	
Kaitaia		●	Compliant	• A zonal metering program for Kaitaia has been scheduled for this financial year. This zonal monitoring will identify all catchments where leaks are present. All 7 chambers have been installed and there is a final step with regards to the monitoring system used to complete the install. • DWF Status: Compliant
Kawakawa		●	Compliant	
Kerikeri		●	Compliant	• DWF Status: Compliant
Kohukohu		●	Compliant	• DWF Status: Compliant
Opononi		●	Condition 19 - TAN, E.Coli	• An issues and options report has been commissioned by FNW Process Engineer and will be sent to NRC upon completion. • DWF Status: Compliant

Sites	Asset Group	April Status		Comment
		Compliant	Detail	
Paihia		●	Condition 9 – NH4 – N Condition 13 - pH	• A performance and report and long-term solution proposal has been finalised which has now been sent to Far North District Council Asset Management and Project Delivery for approval. Further update will be provided in March's report. • In the short term, the planned daily chemical dosing began on 6 November demonstrating compliance. • DWF Status: Compliant
Rawene		●	Compliant	• DWF Status: Compliant
Rangiputa		●	Compliant	• DWF Status: Compliant
Russell		●	Condition 9 - infiltration efficiency report Condition 8 - land instability report	• Infiltration efficiency and land stability reports commissioned and will be sent to NRC upon completion.
Taipa		●	Condition 2	• Resource Consent issued on 8 March • DWF Status: Compliant
Whatuwhiwhi		●	Condition 8 – Total Suspended Solids	• To assist in the mitigation of TSS (algae biomass), FNW and FNDC are in discussions with regards to prioritising desludging. • DWF Status: Compliant

1. TAN - Total ammoniacal nitrogen

2. TN – Total nitrogen

3. DO – Dissolved oxygen

4. TSS – Total suspended solids

5. BOD – Biological oxygen demand

6. MAV – Maximum acceptable values

7. THM - Trihalomethanes

8. TP – Total Phosphates

ASSET MANAGEMENT

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

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

EXECUTIVE SUMMARY

April has seen continuation of the key projects previously noted:

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

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

The final LTP deliberations workshop is taking place on 13th May and with that will be the finalisation of the 16 months of effort and asset planning for the 3 Waters and District Facilities Capital programme for LTP. This has been a monumental task and one which Asset Management are proud of.

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
Living Asset Management Plan (LAMP)	All	•	•			FY21/21 – FY22/23	Due to the delays with the implementation of INFOR a draft of the LAMP has been set back and is not likely to be realised until June 2022. ***(Please refer to Programme Darwin section for further details).***
Combined Asset Management Plan (3 Waters and District Facilities)	All	•	•	•	•	FY20/21 – FY21/22	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 was prepared and provided to Audit ***(this is required for audit purposes only)***. Upon finalisation of the LTP and audit sign-off, the AMP will be made available to EMs and posted on Council's website. This will likely occur in September 2021 (post audit sign-off in August 2021).
Asset Management Strategy	All	•				FY22/23	To be developed based on review being done for the 30 Year Infrastructure Strategy by Infrastructure Planning for the next LTP (FY21/31). The aim is to have a strategy in place by end of June 2023.
Annual Plan (AP)	All	•				FY21/22	Contribute to Annual Plan project, coordinated by Strategic Planning & Policy. Not required again until FY21/22 due to current LTP work in FY20/21.
Long-Term Plan (LTP)	All	•	•	•	•	FY19/20 to FY20/21	Asset Management commenced planning for the FY21/31 LTP in February 2020. The current LTP is being looked at in-depth and future asset planning being considered for the next round. The 2nd round for Auditing the LTP consultation document and processes is w/c 12 April and 17 May 2021 respectively. Full audit sign-off to occur end of June will adoption of LTP to be July 2021.
ISO55000	All	•				FY21/22	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 – FY21/22	Underway. A draft strategy is complete, and a way forward is being planned for with likely 'internal' workshops to commence June 2021 followed by 'External' workshops to be undertaken with key stakeholders namely EMs / Iwi / Hapu etc.
Stormwater Catchment Management Plans		•	•	•		Underway	Underway – FY19/20 to FY21/22 (3-year process)
Vesting Assets to Council Policy	All	•				FY22/23	Consulted with Audit, Risk and Finance and a process is to be drafted / process mapped. Other parts of Council i.e. SPP, Legal and Finance will be consulted in due course.
Asset Identification / Condition Assessments							
Prioritised Scheduled Asset Condition Assessments	All	•	•	•		FY21/31	A 10-year programme has been developed which amounts to a total spend of $9mil over 10 years. A procurement package for the $1.5 mil spend for this FY (FY20/21) is underway and will be out to market by April 2021. A Project lead for the Asset Condition Programme for the next 3 years (Years 1-3 of the LTP) is being recruited for on a fixed-term contract for 18 months. We hope to have this lead in place by July 2021.
Inventory Assessment - DF Assets		•	•	•	•	Ongoing	n/a
Major Project Pipeline – Initiations - Includes planning, feasibility studies, options assessments, business casing etc. before handover to Project Delivery							
Hihi WWTP		•	•	•		FY22/23	Plant upgrade is required. Resource consent being applied for through Infrastructure planning team. The report, with supporting Business Case, was presented to Infrastructure Committee 24 March 2021 for endorsement to Council. Resolution was passed for said. The report, with supporting Business Case and passed resolution, was rescinded at Council meeting on 8 April 2021. New Resolution passed and is being worked through accordingly.
East Coast (Taipa) WWTP		•	•	•		FY20/21 – FY22/23	The recently issued resource consent required working group (WG) consisting of senior council staff, Ngati Kahu hapu and community representatives to be established. The group met for the first time in March and will meet monthly over the next year. The first milestone to be achieved by the WG is to assess the options for disposing of treated wastewater (including land disposal options) and to provide a report to NRC with the best practicable option (BPO) by 1 September 2022. If the BPO is land disposal then NRC must be notified by 1 July 2023 whether or not Council, it is committing to the land disposal option.
Other							
Asset Management System	All	•	•	•		FY20/21-FY22/23	Full operational use of INFOR ('Go Live') is now expected for December 2021 ***(please refer to Programme Darwin for full details).***

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
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		•	•			FY21/22 – FY23/24	Funding to update the 3 Waters models and to recruit a project lead for this work, was secured through the 3 Waters DIA funding reform. A 3 Waters Modelling Lead is currently being recruited for on a fixed-term basis for 18 months. Consultants will be engaged to review all FNDCs current models and assess priority and way forward for updating of all FNDC models. This work will assist in establishing a development contributions (DC) policy for FNDC as well.
Wastewater modelling requirements		•	•			FY21/22 – FY23/24	As above
Data Cleanse / Tidy Up	All	•	•	•	•	Underway	A continual process but aim to have it completed prior to Phase 1A implementation of the new AMS (December 2021).

DISTRICT FACILITIES

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

EXECUTIVE SUMMARY

- Another busy month for the District Facilities staff. A replacement for the Technical Officer position is yet to be filled although the position has been advertised three times.
- Work progresses to ensure the MBIE Flood funding received is spent and work programme completed by 31 May 2021.
- Increasing number of illegal dumping issues continue to be received.
- The application to transfer the Rolands Wood Trust and fund from Council to the Friends of Roland's Wood Trust has been approved by the High Court.
- The Kaitiaki Rangers programme, funded via MBIE: TIF Responsible Camping envelope has ended and again, by all accounts has been another hugely successful campaign. Positive comments from all areas where the programme was rolled out esp. at the new locations of Russell and Kawakawa.

Positive Feedback – April

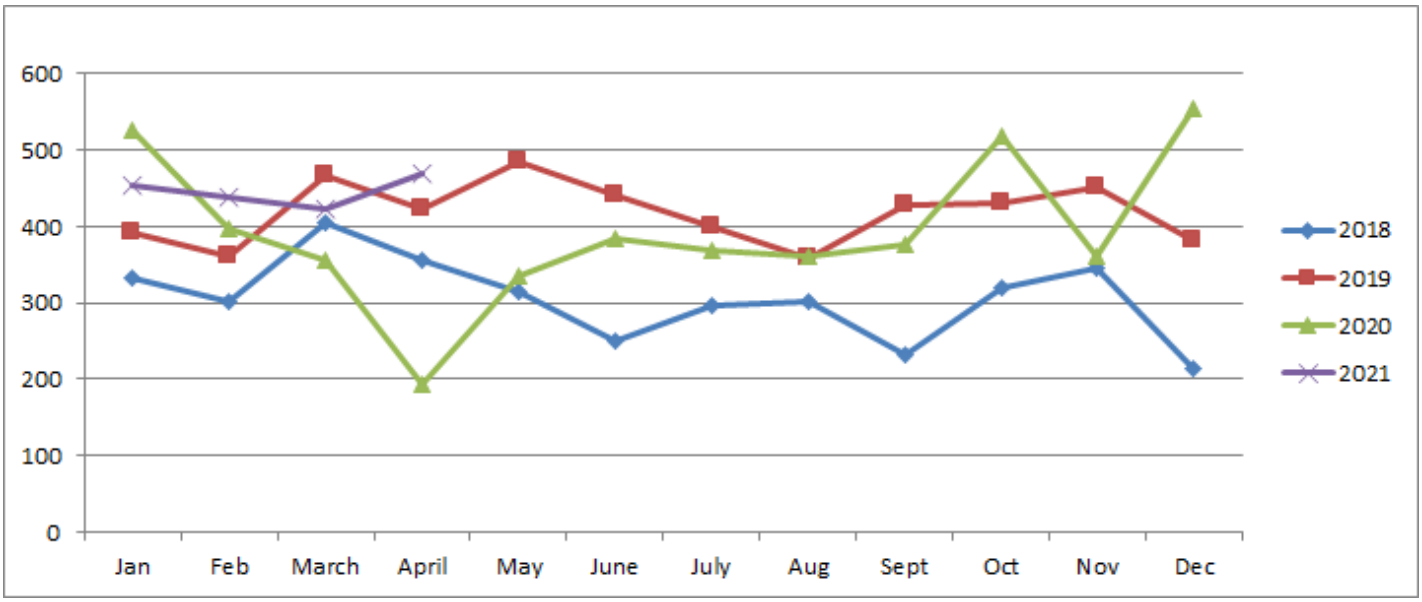
Verbal comments thanking staff involved with the 2020-21 Kaitiaki Rangers for securing funding so the programme could include the locations of Russell and Kawakawa.

An email from the recently resigned Chair of the Friends of Rolands Wood Trust for pursuing the matter to the High Court so the Trust can now take responsibility and care of Rolands Wood, Kerikeri.

CUSTOMER EXPERIENCE PROGRAMME

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

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
2018	332	302	406	355	314	251	296	301	231	320	346	214	3688
2019	392	360	466	423	486	440	401	359	428	431	451	381	5081
2020	527	396	355	193	336	385	370	360	377	519	361	555	4734
2021	455	439	422	470									1786



District Facilities – Monthly RFS numbers

HEALTH AND SAFETY UPDATES

Recreational Services

ACCIDENT TYPE	Jan '21	Feb '21	Mar '21	April '21	May '20	June '20	July '20	Aug '20	Sept '20	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0	0	0	0	0	0	1	0
Vehicle / machinery near miss	1	3	0	1	0	3	0	0	3	0		0
Non-serious harm	2	1	1	0	4	1	0	0	0	2	1	0
Serious harm	0	0	0	0	0	0	0	0	0	0		0
Vehicle / Machinery accident	0	1	0	0	0	1	0	0	0	0		0

Machinery – Other:

While water blasting pavements in Kerikeri the brass swivel joint on the reel shattered into 3 pieces and flew approximately 15 meters in different directions. Luckily no one was injured and no damage to shop windows

OCS *(Cleaning contractor for Council buildings)*

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

Waste Management *(Southern RTS and CRC's)*

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

Non-serious harm:

- A number of 'night visitors' have been reported with people entering premises to pick over waste. Fence repairs completed.

Northland Waste *(Northern RTS and CRC's)*

ACCIDENT TYPE	Jan '21	Feb '21	Mar '21	Apr '21	May '20	June '20	July '20	Aug '20	Sept '20	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0	0	0	1	0	0	0	0
Non-serious harm	2	1	1	4	1	3	3	0	0	2	1	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	1	1	0	0	0	0	0	0	0	0
Vehicle / Machinery accident	1	0	0	0	0	0	0	2	1	0	0	0

Non-serious harm:

- Taipa - theft of 8 bins, fence was cut to gain access. Fence has been repaired.
- Kohukohu - theft of full saw dust bin.
- Property damage to closing roller door, the door had unraveled – repair required.
- Broadwood - customer complaint regarding Community Recycling Centre operator.

LTI

- Staff member dislocated hip (second time) while picking up a shovel load of litter they had swept up.

Ventia / Broadspectrum *(Russell RTS and landfill)*

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

CBEC Eco Solutions *(Waste Education Contract)*

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

HAPORI AQUATICS (Swimming Pools)

Kerikeri Pool : No incidents to report this month

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

Kaitaia Pool : No incidents to report this month

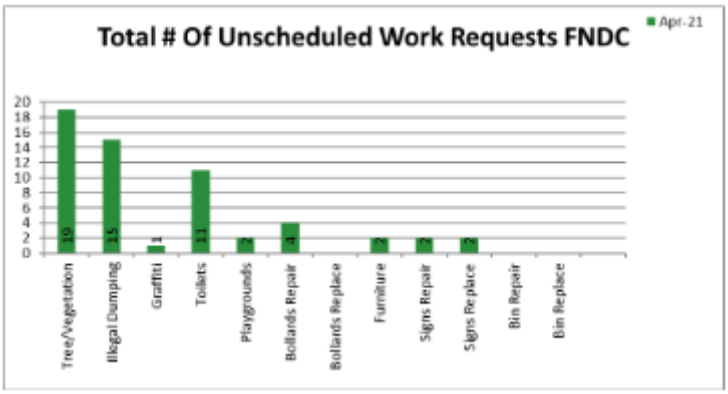
Accident Type	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar'21	Apr '21
Near miss	0	0	3	0	0	0	0
Non serious harm	0	0	0	0	0	1	0
Serious harm	0	0	0	0	0	0	0

Accident Type	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar'21	Apr '21
LTI	0	0	0	0	0	0	0
Vehicle / Machinery accident	0	0	0	0	0	0	0
Incident Only	0	0	0	3	1	5	0

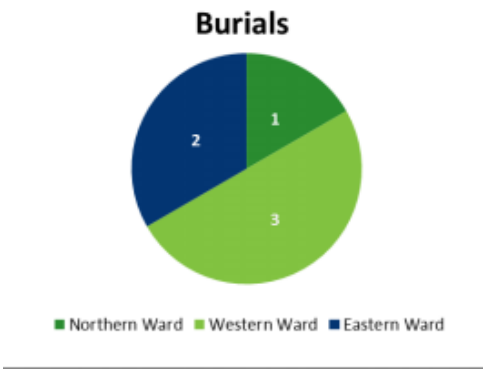
Kaikohe Pool : No incidents to report this month

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

RECREATIONAL SERVICES



Number of unscheduled works requested by FNDC



Number of burials at Council public cemeteries

RSL Internal Audits

LOCATION	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Comment
Mowing	100		97.7	98				
Edging	100		100	99.4				
Gardens	100		98.6	99.1				
Playgrounds	100		100	99.4				
Town maintenance	91.7		98.8	97.2				
Toilet maintenance	98.7		96.4	96.8				

LOCATION	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Comment
Cemeteries								
Furniture	100		100	99.4				
TOTAL INTERNAL	97.9		98.6	**98.3**				

Council Audit of RSL

2020-21	Jan '21	Feb '21	Mar '21	April '21	May '20	June '20	July '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20
Met	16	8	8	**11**	6	4	14	NC	16	10	6	0
Not met	0	1	0	**0**	2	1	2	NC	0	2	0	0
Non-performance Notice	0	0	0	**0**	0	1	0	0	0	0	0	0

April 21 AUDIT DETAILS	Met	Not met	Non-performance notice	Not met / comments
Reserve mowing	3	0	0	Kent Bay, Whangaroa, Ratcliffe Bay
Edge control	3	0	0	Kent Bay, Ratcliffe Bay, Whangaroa
Playground	0	0	0	
Cemetery	0	0	0	
Toilets	6	0	0	Whangaroa, Lilly Pond, Ratcliffe Bay, Matauri Bay, Tauranga Bay, Taupo Bay
Litter and Town Maintenance	0	0	0	
CONTRACT AUDIT				
Unscheduled	0	0	0	
Contract	12	0	0	
TOTAL	12	0	0	

Internal audits achieved this month

PARKS AND RESERVES

Doubtless Bay

The signage requested following the Coroner's report concerning Mr Renata's death in January 2018 have been finalised. Signs will be erected at Cable Bay, Coopers and Taipa Beach.

PLAYGROUNDS

Following a playground inspection, many of the playgrounds around the District are due to have a top-up of softfall throughout May.

TREE MANAGEMENT

Wildling Pine Removal Program

Wilding pine removal a joint initiative involving FNDC, NRC & DOC continues across the District e.g.:

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

Redwoods, Kerikeri

An additional report to the BOI-Whangaroa Community Board will be presented to their June meeting. The arborists report's to date continue to identify the impact neighbouring development is having on the trees.

Moreton Bay Fig, The Strand, Russell

A report to the BOI-Whangaroa Community Board concerning the health of the Moreton Bay Fig will be presented to their June meeting. The report includes information from Arborlab who assessed that, using the Quantified Tree Risk Assessment (QTRA) framework, the most likely failure event within the identified risk analysis timeframe, has an Annual Risk of Harm (ARoH) of 'Broadly Acceptable'.

Palms

Increasing concerns continue to be presented to Council regarding the palms in Cannon Drive, Fairway Drive, Blue Marlin Drive and the Kerikeri CBD. A cost to remove as much of the fronds as possible, without damaging the palms has been received and work will start late May, early June. It is proposed these works will be carried out annually.

Work and costings will also be considered palms located on the berm at Bayside Drive, Mangonui, in Centennial Park, Kaitaia, around Paihia and in the western ward.

It is envisaged such works will be carried out on an annual basis until such time as a decision is made concerning the future of these palms and whether they are to be maintained or removed.

CEMETERIES

Kaitaia Cemetery

Issues with new plots sinking, due to heavy rainfall. RSL are aware of this issue over the winter months and are quick to react once they have been advised.

PUBLIC TOILETS

Klinac Lane, Waipapa

Project work continues to separate the Klinac Lane toilets from the private RCG Body Corp (Mitre 10) system. This should alleviate the pressures experienced every peak season with the influx of visitors and shoppers.

Stone Store Public Toilets, Koropiro Pa Walkway - Kerikeri

Portaloos are still in place while DoC decide what they need to do at this site.

General

All public toilets continue to display COVID QR codes.

ENCROACHMENTS

Te Hue Bay, Russell

The boat has now been removed from the reserve and the encroachment issue fully addressed.

Te Hue Bay, Russell – illegal structures have been removed

Cable Bay, Mangonui

A letter has been sent to the new owners of Driftwood Lodge advising them they have until December 2021 to remove offending structures, esp. those that give the public the impression that they are entering and / or on private property.

General

Encroachment issues continue to be received and investigated however due to other priorities and staff capacity, some matters are not being investigated as quickly as expected.

2020/21 MBIE RESPONSIBLE CAMPING FUND

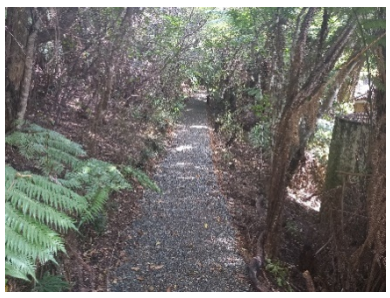
The 2020/21 season has ended with many positive comments received.

The final MBIE report will highlight key findings and comments from the Rangers concerned. Feedback to date includes the need to continue this programme and to extend it to the western area, esp. Omapere / Opononi and Taupo / Tauranga Bay, if MBIE decide to continue with funding Responsible Camping initiatives.

2020/21 MBIE FLOOD FUND

All physical works MUST be completed by 31 May 2021. As such, an update on the projects District Facilities are managing is as follows:

Ward	Location	Comments	End of April:
North	Kaka Street, Ahipara - ramp	Initial works completed. Additional works will be addressed as part of BAU as ongoing deterioration is expected each time there is a considerable weather event.	Before After
North	Puckey Ave, Kaitaia Pensioner Village	The previous chip sealed driveway has been resealed. Works completed including lifting areas where low lying flooding issues previously presented.	Before After
North	Ahipara - foreshore road near toilets	Archaeological assessment completed and report received. RSL to start on repairs to the seawall immediately around the Foreshore public toilets.	
North	Kaitaia Cemetery	Repairs to the internal road has been completed.	Before After
North	Hihi Beach	Removal of trees on the Hihi coastline that fell during the 2020 storm, has been completed with a second round of spraying, planting and mulching to be done.	
East	Kaeo car park	Work onto reseal the car park was delayed. At this time of writing this report, the work had started.	
East	Te Wahapu	Works to stabilise and improve the walkways after the 2020 weather events have been completed.	
East	Seaview lookout, Paihia	Track surface and drainage improvements completed. Signage required before project is completed.	

Ward	Location	Comments	End of April:
East	Kawakawa bowling club access	The driveway was affected by surface water flooding and in places washed out. Base preparation underway and chip-seal scheduled for 24 May.	
East	Opua-Paihia walkways	Shell dusting complete and rock stabilisation works underway.	
East	Jacks Bay walking track	Coastal erosion issues addressed	
East	Paihia Beach	Beach cleaned up and remedial work carried out as needed – project completed.	
East	Pah Road, Kerikeri	Works started to rectify issues with the end of cul-de-sac that has not been properly formed.	
East	Wharau Road, Kerikeri	This project was pulled due to issues with the proposed works and timeline constraints.	
East	Moerewa Illegal dumping clean-up	An empty section located between Otiria Road & Ranfurly Street, Moerewa. Work to clear the overgrowth and remove rubbish / uncovered asbestos. This project has been handed back to the Roading Team to continue. The level of asbestos contamination has been determined and savings from other MBIE Flood Funding projects have been transferred to this project to cover on-going decontamination costs.	
East	Kaeo Service Centre	Flooding and stormwater run-off issues at the rear of the service centre, from further up the hill. Stormwater comes rushing down from the hill, around the Service Centre building, bringing silt onto the footpath etc. The delivery of a water tank has been delayed due to supplier issues. Drainage works assessed and scheduled for starting 17 May. Due to timeline constraints, part of this project may require reassessing.	
West	Omapere and Opononi foreshore	Fencing at Freese Park, Omapere has been completed. Other sections of fence started with posts & railings. Block/rock placement work scheduled from 17 May.	
East	Moerewa Community Recycling Centre	Completed re-metalling of area washed away in 2020 weather events.	
North	Ahipara Refuse Transfer Station	Completed re-metalling of area washed away in 2020 weather events.	
West	Pawarenga Community Recycling Centre	Completed re-metalling of area washed away in 2020 weather events.	
East	Totara North Community Recycling Centre	Completed re-metalling of area washed away in 2020 weather events.	

SOLID WASTE

Waitangi Community Recycling Centre

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

Range of plastics accepted at FNDC sites

Plastic markets continue to be volatile, and it is hard to determine what markets for products are available and will continue to be available.

Staff have been in contact Plastics NZ's regarding their circular economy for plastics programme. This programme is funded through the Waste Minimisation Fund. One of Plastics NZ's workstreams is facilitation of nationwide working groups to help connect our national systems for different material streams. Essentially, they try to connect collectors of waste plastic with NZ manufacturers who want to buy the product.

Markets for #5 plastic seem to be stabilising and we are investigating accepting theses at Council facilities. On the other hand, markets for Coloured PET have collapsed and our contractors are currently stockpiling this material.

Ahipara Landfill closure

The Ahipara landfill closure plan identified an old section of the landfill that was inadequately capped when it was completed over 30 years ago. The recapping work required the stripping of topsoil then the compacting of imported clay. This work has now been completed. The next step is to engage a surveyor to map the final contours.

ECOSOLUTIONS WASTE MINIMISATION EDUCATION – APRIL NEWSLETTER

Schools; 12 lessons taught and 29 hours of school support.

Kerikeri Primary School has been busy revamping their worm farm and working on a garden bed for rongoa made of upcycled materials.

Kerikeri Kindy kids did a treasure hunt and discovered what is rubbish and what is recycling; they then learnt about reusing making wetbags from old tents.

Whangaroa college and Tekamura o Hohepa engaged with litterless lunches and made their own beeswax wraps.

Kerikeri Preschool learnt about rubbish and recycling and kids engaged with setting up their worm farm and learnt how to look after it.

Oruaiti was awarded their Silver WasteWise award which provided a great opportunity to check their systems. Their worm farm needed help as the worms were dying off. There is great hope for the new worms as children are to be trained as worm farmers in term 2

Taipa Area School (TAS) got back to basics on recycling with the juniors (Y1–Y4) and are interested in reuse and resources lessons in term 2.

TAS is keen on rewarding and acknowledging lunchtime waste warriors and we have been invited to talk and promote this initiative at assembly in term 2.

Mangonui School have been busy upgrading their knowledge on worm farming and are looking into extending their systems. They are also increasing their lunchtime litter picking which has tremendous positive impacts as there is less and less litter to be picked.

Riverkids did a regular river clean up with Riverkids - picked up 2.5 bags of litter and sorted it into recycling and re use. The kids were excited to re-use the fishing line that we picked up for hanging art.

Kaikohe West school did their WasteWise audit and discovered that better signage will help people put things in the right bin. This will help improve them even further.

A new resource was developed which is electronically available for schools to use on Microplastics.

EcoSolutions has been working hard with all schools that are part of the lunch in schools programme to ensure that the waste is being diverted from landfill.

They have been offed advice, support and education to schools and providers about the sustainability of single use options used for lunches and how to deal with compostable packaging. We have also been working with providers on reusable options.

This ranges from conversations with principals and admin staff at Kaeo Primary, Whangaroa College, Kaikohe West schools to emails to all participating schools offering services and advice towards more sustainable practices.,

Communities

- Whangaroa Teaching gardens are planning a composing workshop to get the local community involved in gardening and composting.
- Waimamaku had a beach clean-up and the Waimamaku community centre has a beeswax wrap workshop as well as a composting workshop.
- Opua did a community clean up and clothing was diverted form landfill by the “Paihia Swap Don’t Shop” clothing swap.
- A facebook post was created on plastic in teabags which got more then 2K hits.
- Clothing rescue in Kaitaia diverted more than 1 tonne of fabric from landfill this month.
- EcoSolutions is working on collaboration with Kaitiaki o Tokerau do community workshop on waste minimisation and on collaboration with local Kura.
- A Hugelkulture workshop worm tower workshop as held in Paihia with a focus on composting and repurposing.

Businesses

Businesses have been approached and conversations have been had about waste reduction as a business practice with a look into participating as an ecostar business. Flying Fish in Paihia, T Café & Bakery, Bouquets on Broadway in

Kaikohe, Community Law in Kaikohe, Unichem Pharmacy in Kawakawa and Circle D construction have been met with.

Waitangi national Trust had support with their recycling systems and signage.

Hardy's Kerikeri, Kaitaia Budgeting Service and FNEC budgeting all had their waste audit done. Hardy's achieved Gold ecostar status, the others are still awaiting their results.

Event organizers

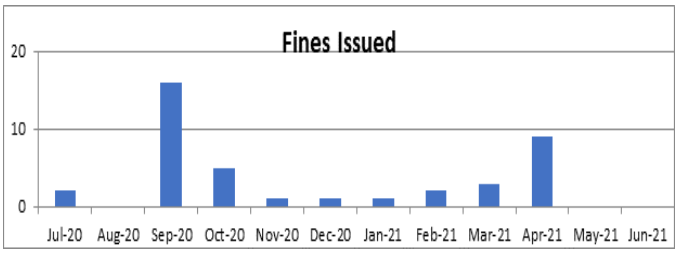
Nga Purapura festival had great waste diversion this year 95% of waste diverted form landfill, signalling great practices to our tamariki and showcasing that celebrations do not have to cost the earth. The event was well visited despite adverse weather conditions. The event organisers were supported with a waste management plan, training of volunteers, stall holder information, composting follow up and signage and support on the day.

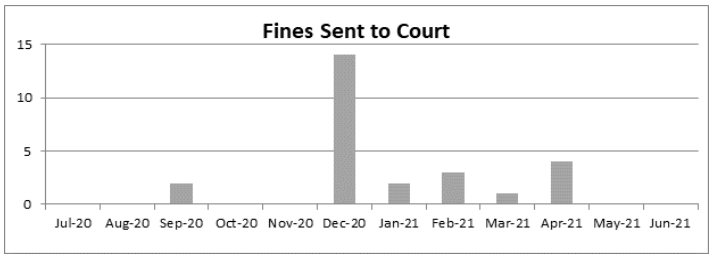
Pompalliers Children's festival received recycling system support and the Anzac Day celebrations in Kaeo Memorial Hall had support with their recycling systems set-up for the weekend.

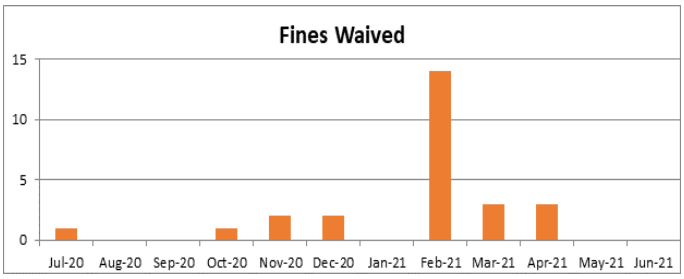
LITTER INFRINGEMENT ACTION

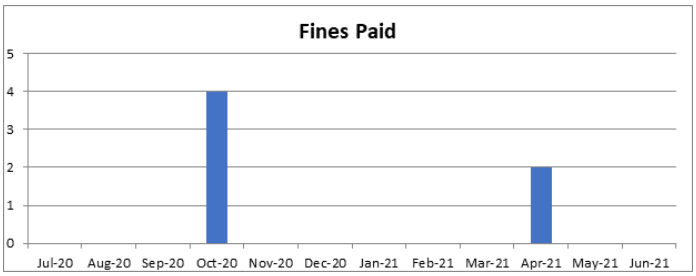
April actions:

Offence Date	Offence Type	Status	Balance	Location Details
28/11/2020	Deposited litter in/on a public place $250 20-120L	2nd Notice	$250	On Street: Totara North road, Kaeo LOCATION: Community Recycling Centre Gate
02/02/2021	Deposited litter in/on a public place $250 20-120L	2nd Notice	$250	On Street Taupo Bay Road, Mangonui. LOCATION: SH 10 Intersection Mangonui
03/02/2021	Deposited litter in/on a public place $250 20-120L	Completed (Exemptions)	$0	On Street: Larmer Road, Kaitaia LOCATION: SH1 Intersection
24/03/22021	Deposited litter in/on a public place $250 20-120L	1st Notice	$250	ON Street: Rangitane Road, Kerikeri LOCATION: Redcliffes road Intersection
24/03/22021	Deposited litter in/on a public place $250 20-120L	Completed (Receipting)	$0	ON Street: Rangitane Road, Kerikeri LOCATION: Redcliffes road Intersection
24/03/22021	Deposited litter in/on a public place $250 20-120L	1st Notice	$250	ON Street: Rangitane Road, Kerikeri LOCATION: Redcliffes road Intersection
26/01/22021	Deposited litter in/on a public place $250 20-120L	1st Notice	$250	ON Street: Rangitane Road, Kerikeri LOCATION: Redcliffes road Intersection
03/02/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	ON STREET: Ruaroa Road, Kaitaia. LOCATION SH1 Intersection
03/02/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	ON STREET: Kaitaia-Awaroa Road, Herekino. LOCATION Herekino Refuse Transfer Station



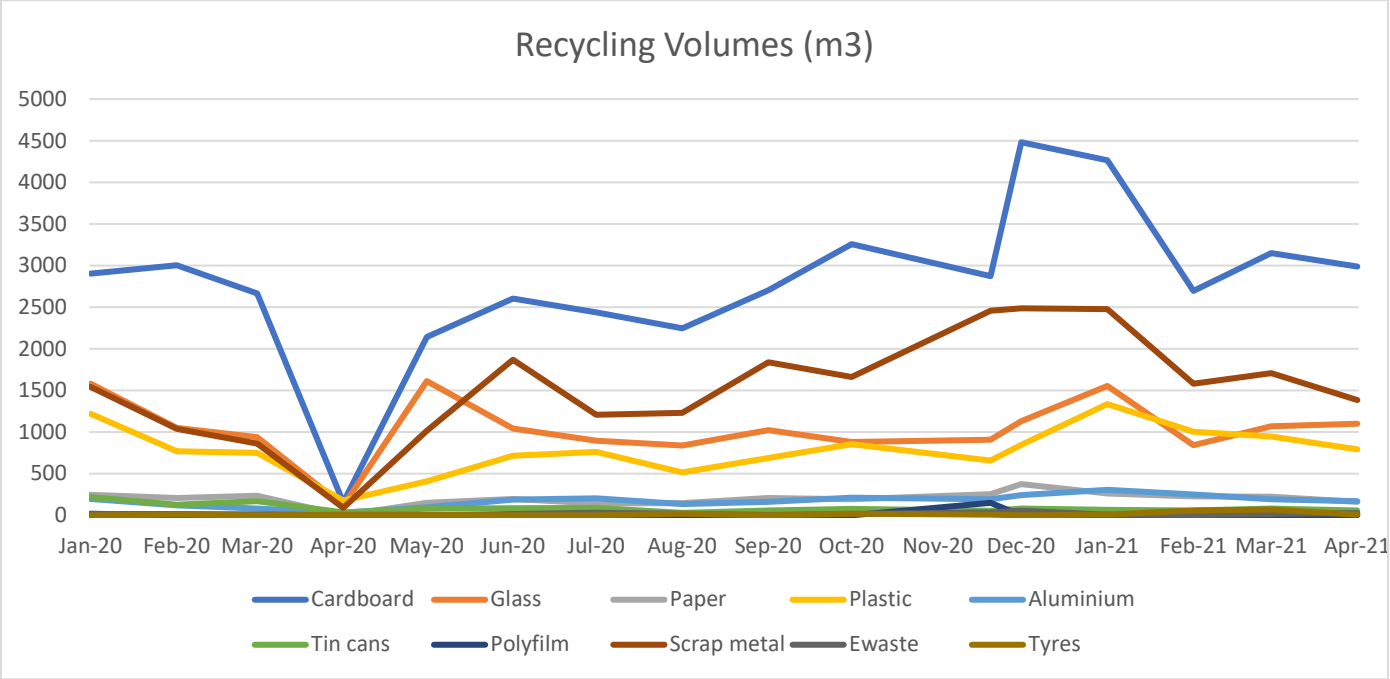


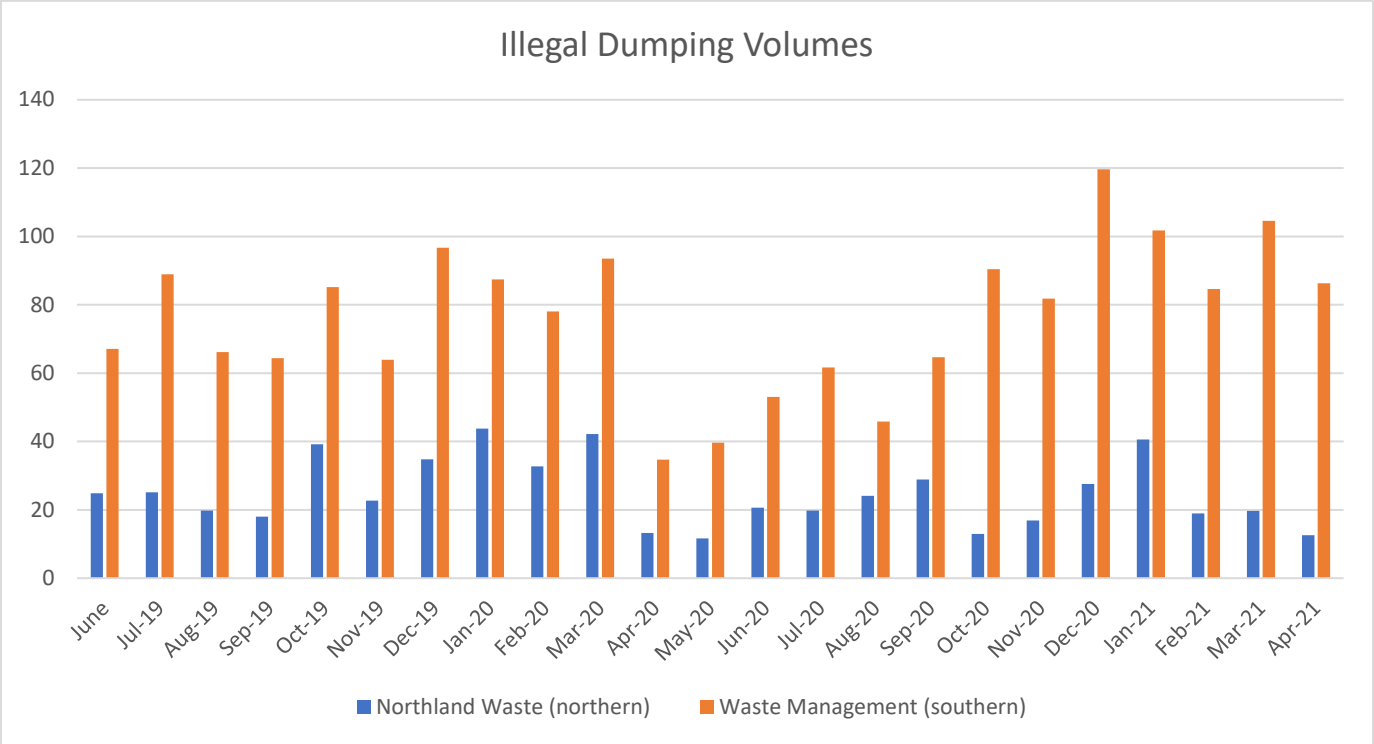


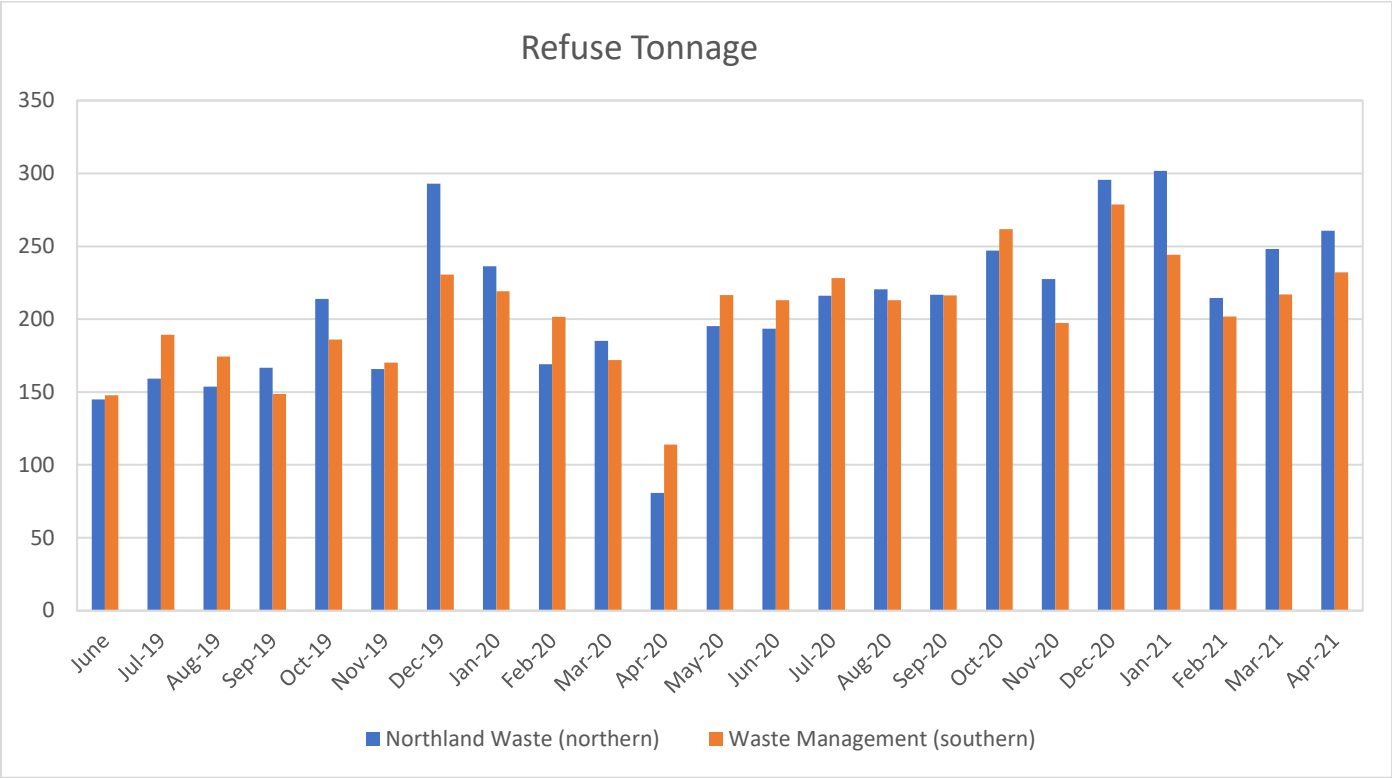


Discussions continue with the Compliance and Monitoring Team regarding the process for customer services when a member of the public phones or writes to dispute the infringement.

SOLID WASTE STATS







SWIMMING POOLS

Kaitaia Pool

The pools are now closed for the winter season and the Winterisation maintenance planning has begun.

A credit note has been received from Hapori for the $6900.00 re an issue with a COVID-19 invoice.

Kerikeri Pool

A quote of nearly $8000 was received for investigations into the leaks at the Kerikeri pool. Consideration needs to be given as to how much we are prepared to spend investigating the leak and balance it against the cost of water.

Hapori have also had additional conversations with other pool contractors and it is felt that rather than laying out this cost for investigations, which may not be conclusive, it is worth systematically addressing the areas which are most likely to be causing the leak(s).

The dive pool is due to be painted and the valves need servicing, both are scheduled maintenance items and should reduce water loss if not eliminate it.

It is also worth considering installing meters on the inlets to each of the three pools to help identify the areas of concern, especially as there may be leaks elsewhere such as toilet / shower blocks.

This would be an expensive exercise, the Kaikohe check meter cost $2110 + GST.

Outstanding maintenance issues:

- Power socket not working on fence at end of main pool – required for vacuuming pool – deemed unsafe.
- Roller door to Chemical shed requires new door. We would consider this to be a chattel of the facility and not an operating cost. Staff have gone through the whole season with this H&S issue.
- Girls toilet door still waiting to be fixed or replaced. H&S issue

Kaikohe Pool

A leak continues at the Kaikohe Pool - both within the pool structure and also to the waste valve. It is hoped that funds can be found to service theses valves and address the condition of the pool shell. As for the Kerikeri pool, a quote of nearly $8000 was received for investigations into the leaks. It is probable that the leak is in one or all of three areas, the pool shell, the sparges at the bottom of the pool and the waste valve which is known to have a leak.

As the pool is ageing and repairs will be required more frequently, decisions need to be made about the on-going operation and associated costs. At the beginning of the season it was decided to take a short-term approach to the pool maintenance as the future of the pool is unknown.

It was noted that there was space allocated for a pool facility as part of the proposed Lindvart Park development plan.

An agreement is being progressed by the Council and Northland College which provide a clearer division of maintenance responsibilities between the two parties.

Outstanding maintenance issues:

- Valve on waste pipe not fully shutting.
- Awaiting quote from Far North Pools Limited and Stonecraft to re seal expansion joints and paint pool. Effort is being made to source a third quote.

Kaitaia Pool

Security remains an issue at the site because of its isolated position. There have been several break-ins where valuables have been taken but one of the main issues of concern is youths swimming unattended at night and the safety risk it poses. Locks have been replaced and repairs have been made to the alarm system. Additional security options being considered include additional patrols or a remotely monitored security camera. A remote video link to the police station was costed and has proved to be very expensive.

Maintenance works carried out this month

- A new chlorine pump has been installed and the loan returned to the supplier.
- Flood lights not working, electrician made safe and has one of eight working. Another floodlight has crashed to the ground, brackets completely rusted away. This should be addressed as part of the security assessment

ATTENDANCE NUMBERS

KAITAIA SWIMMING POOL

	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	182	577	787	1404	456	165	51
Concessions	144	541	845	984	371	339	57
Under 5s	48	169	340	383	153	60	6
Supers (Gold Card)	1	58	51	83	27	48	8
Spectators	80	196	421	502	229	158	19
Lane Hire	8	26	0	10	3	51	0
Events		482	362	0	0	1287	0
Schools	93	381	1029	0	1204	1418	75
Total	556	2430	3835	3283	2420	3526	216

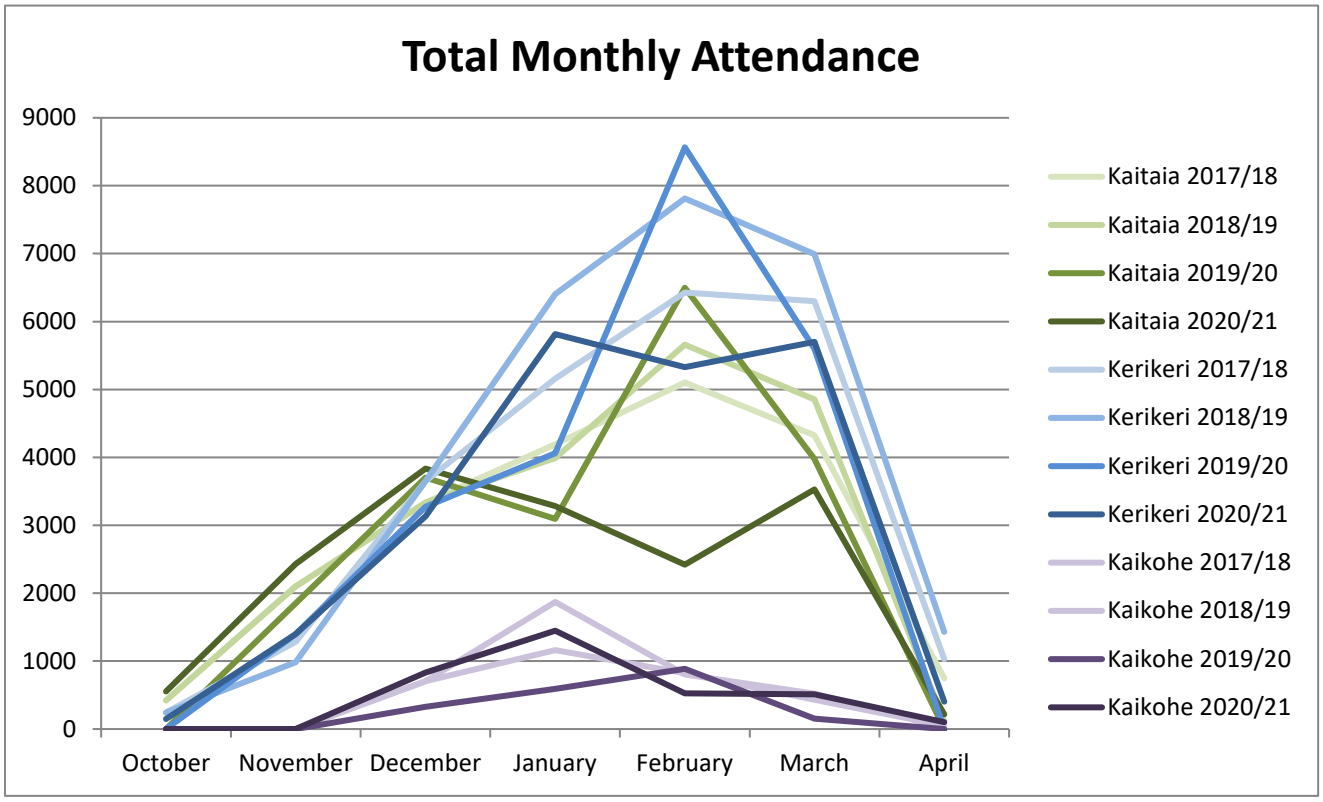
KERIKERI SWIMMING POOL

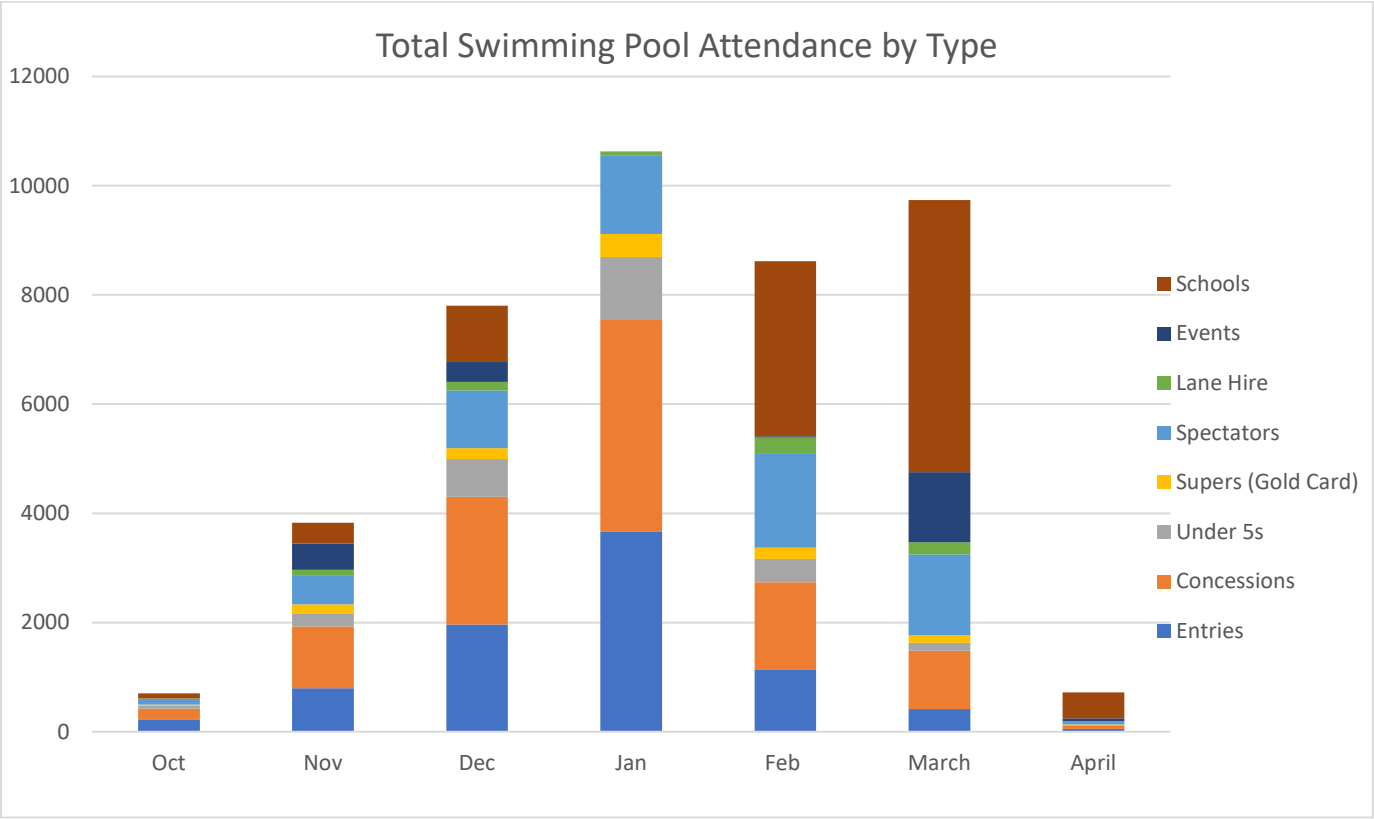
	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	36	221	865	1696	581	191	0
Concessions	62	587	1206	2362	953	403	3
Under 5s	10	71	234	599	225	55	0
Supers (Gold Card)	13	106	133	312	164	88	3
Spectators	27	329	535	784	1421	1229	0
Lane Hire		85	160	62	296	169	0
Events			0	0	0	0	0
Schools			0	0	2004	3564	397
Total	**148**	**1399**	**3133**	**5815**	**5331**	**5699**	403

KAIKOHE SWIMMING POOL

	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries			310	572	104	59	0
Concessions			290	537	270	326	4
Under 5s			116	159	53	30	4
Supers (Gold Card)			18	25	15	4	0
Spectators			99	155	68	93	35
Lane Hire			0	0	1	0	0

	Oct	Nov	Dec	Jan '21	Feb	March	April
Events			0	0	22	0	58
Schools			0	0	0	0	0
Total			**833**	**1448**	**527**	**512**	101





POOL REVENUE *(exclusive of GST)*

KAITAIA SWIMMING POOL – Income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	$347.82	$3,272.00	$4,451.00	$6,142.59	$1,885.22	$760.87	$193.00
Pool Hire	$330.00	$3,725.00	$4,545.00		$4,301.09	$6,459.78	$221.74
Shop	$18.20	$205.60	$319.00	$386.52	$132.17	$62.61	$3.00
TOTAL	$696.02	$7,202.60	$9,315.00	$6,529.11	$6,318.48	$7,283.26	$417.74

KERIKERI SWIMMING POOL – income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	$268.00	$2,323.00	$5,575.00	$8,598.26	$3,028.70	$950.43	$0.00
Pool Hire	$0.00	$622.50	$963.75	$135.00	$3,795.65	$5,830.43	$960.87
Shop	$0.00	$54.00	$83.00	$137.00	$23.47	$18.26	$0.00
TOTAL	$0.00	$2,999.50	$6,621.75	$8,870.26	$6,847.82	$6,799.12	$960.87

KAIKOHE SWIMMING POOL - income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	$0.00	$0.00	1,517.00	2,376.00	862.61	345.22	0.00
Pool Hire	$0.00	$0.00	$0.00	$0.00	147.83	0.00	591.30
Shop	$0.00	$0.00	12.00	18.26	7.83	0.00	0.00
TOTAL	$0.00	$0.00	1,529.00	2,394.77	1,010.44	$345.22	$591.30

TOTAL SWIMMING POOL INCOME

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
TOTAL	$696.02	$10,202.10	$17,465.75	$17,794.14	$14,176.74	$14,427.60	$1,969.91

COMMUNITY / COUNCIL FACILITIES

OCS Audits

LOCATION	Nov '20	Dec '20	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Comment
Kaikohe Headquarters - Lockwood	96.7	96.9	97.4	97.4	96.1	97.0				
Kaikohe Headquarters – Annex and upstairs	96.7	96.9	97.3	96.8	95.1	96.1				

LOCATION	Nov '20	Dec '20	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Comment
Kaikohe Headquarters – Publications	96.7	96.9	92.1	97.5	97.1	97.0				
John Butler Centre – Level 2	97.6	97.6	97.5	98.1	97.2	96.7				
John Butler Centre – Level 1	98.2	97.6	98.2	98.2	97.2	97.9				
John Butler Centre – Ground floor	97.3	97.5	98.1	98.0	97.47	96.0				
Rawene Service Centre	3/M	NA	NA	97.6	NA	97.0				
Kaeo Service Centre and Library	3/M	NA	98.2	97.4	NA	NA				
Procter Library	96.6	97.4	97.3	96.1	96.0	96.8				
Paihia Library	96.3	96.5	96.4	97.0	NA	96.3				
Kaikohe Library	3/M	91.9	94.3	91.9	97.1	96.0				
Bay of Islands Information Centre	96.9	97.4	95.9	NA	NA	96.1				
Hokianga Information Centre	3/M	98.0	NA	97.8	NA	96.8				

HOUSING FOR THE ELDERLY

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

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

COUNCIL / COMMUNITY BUILDINGS

Raihara Storage, Kaikohe

The lease over this facility has been extended to 30 June 2021 to provide time to remove all items currently stored inside including a number of IT and CDEM items.

BWOF

Next month, we will be adding a table that shows what buildings require a BWOF and the status of the warrant.

Rawene Campus

Work continues to handover responsibilities to the Trust in terms of giving effect to the signed lease.

LEASES / AGREEMENTS

1-May	To do / on hold	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing
Western			Opononi Statue Agreement	**JAN '20:** Opononi Bowling Club Lease (new)	**JAN '21:** RAD Lease - contact had and areas that need addressing to be progressed	
			JAN '21 Northland College - Swimming Pool MOU (renew) progressing	**JAN '20:** Hokianga Coastguard Lease (new)	**JAN '21** Rawene Campus Lease with Te Puna o Kupenuku	
				JAN '20: Hokianga Treks		
Eastern	Kerikeri College - Swimming Pool MOU (review)		**OCT '20** Cherry Park House - discussions underway to consider future structure of management committees (involves SP&P)	**OCT '20:** Roland's Wood - signed agreement received from FORWT. Matter will proceed to the High Court to change over the Trust Deed.	**ONGOING**: Walls Bay	**JAN ' 21:** Whangaroa public toilet water supply agreement with the marina being negotiated.
	NOV '20: Te Hue Bay Agreement to permit a picnic area and slipway to remain in place for use by the public. On hold until the new year**.**	**FEB '21:** Russell Tennis Club - contacted by Club - discussing need for a formal arrangement	**AUG '19:** Kawakawa Memorial Library Hall Lease (renewal?)	**FEB '21:** Kerikeri Croquet Club - request to renew lease		**Feb'21** Vision Kerikeri. Volunteer agreement signed by Vision Kerikeri. Awaiting signature by Council
	NOV '20: Waipapa public toilet agreement (on hold)		**APR '21:** Russell Sports Trust Lease (renewal**)** New Contact indicates they are now happy to sign lease.	ONGOING: Kerikeri Sports Complex Lease (Hold)		
	NOV '20: Paihia Village Green Market: on hold due to the impact of COVID and no cruise ship visits.			Investigation: * Tauranga Bay - water easement Agreement (new due to expiry)		
	NOV '20 Cherry Park House - discussions underway with EM's and staff to look at a future structure of management committees			**MAR '21** Russell St Johns & Medical centre - looking for location for garage.		
	FEB '20: Look at extending land lease of Recreational Vehicle Effluent Dump Station from Licensor Melia Investment Ltd. Expires 30/06/2021			**MAR '21** Russell Hall and Toilets. Work in progress to establish power supply and water responsibilities		
				APR '21 Paihia Waitangi Kindergarten lease renewal. Site visit and application complete.		
Northern	**DEC '20:** Te Hiku Sports Hub land lease	**JAN '20:** Hihi Community Centre Lease (new)	**ON HOLD (June):** Kaitaia Saturday Market Agreement (on hold)	**JAN '20:** St Johns Ambulance Ahipara Lease (renewal)	**DEC '20:** FENZ Karikari 28 Maitai Bay Road (Ena)	**FEB '21:** APRI - Unahi Wharf Agreement: a few more adjustments needed
	DEC '20: Mangonui Netball Club. Request to issue a new lease received however relates to the Te Hiku Sports Hub development (meeting to be held)		**JAN '20:** Te Kao - public toilet Agreement (new)	**JAN '20:** Te Kohanga Reo o Houhora Lease (new)	**JAN '21:** Waiotaraire Reserve - public toilet water supply agreement is progressing	
				FEB '20: Tumanako o Kaitaia Kohanga Reo Trust (new)	**FEB '21:** Kaitaia Plunket Lease - negotiations around removal of old buildings before lease can be terminated	
				March '21: Omaitai Waka Ama Club. Start to look at extending temporary use of Taipa point		

1-May	To do / on hold	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing
				JAN '20: Hihi Community Centre Lease (new)		
				APR '21 Te Rarawa Rugby Football Club Inc. Lease renewal and inclusion of netball, tennis and basketball courts.		
Other	Far North Holdings - property agreement					
	SP&P to do: * Paihia Village Green Management Plan					

PROVINCIAL GROWTH FUND (PGF) ROADING

EXECUTIVE SUMMARY

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

All three projects are being delivered with a staged programme; design for initial stages will allow earlier construction, with design of subsequent sections continuing concurrently. Early enabling works have set the project teams up well to achieve construction deadlines.

Four of the five sections have been sealed on Peria road, with section five sealing now being held until after winter.

Both Ruapekapeka and Ngapipito Roads are well underway with earthworks and drainage complete on Ruapekapeka Road (stage 1), and clearing, earthworks and drainage underway on Ngapipito Road. Pavement overlay work will continue into winter in preparation for the final stabilising and sealing early in the nest construction season.

SUMMARY - April

Priority 1 Routes

Peria Road

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

Good progress has continued on Peria Road. Section four (of 5) is now sealed. The final rock walls in Section five have been completed. The aggregate overlay in Section Five was undertaken this month, to half of the overlay depth, with the remaining material to placed, stabilised and sealed after winter.

Plan for May… Next month's activities for Peria Road will focus on closing and protecting the dump sites before winter and look at starting the guardrail works where possible.

Overlay in progress at Peria on Section 5

Sealing at Peria on Section 4

Final seal at Peria on Section 4

Ngapipito Road

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

Pavement and geometric design has been completed. The construction delivery of the seal extension has been split into four 1.25km sections, with staging of works on each section ideally allowing multiple sections to be in constructed at once (once clearing/earthworks on section one have been completed, that crew can move to section two and so on). Clearing, earthworks and survey/set-out has been completed on the full length. Drainage and culvert upgrades will continue as weather allows.

Next month's activities for Ngapipito Road will focus on pavement construction for Sections 1 and 2, and drainage/earthworks on the latter sections.

Clearing, earthworks and pavement construction will continue over winter as weather allows, with surfacing programmed for next season (by December 2021).

Ngapipito Road clearing/earthworks and survey/set-out completed on sections 1 & 2

Bridge upgrades

The design is 90% complete for the strengthening works and is on track to start physical works in August, with completion of work by December 2021.

Ruapekapeka

Stage 1

Stage 1 sealing has been postponed to early next season due to further delays experienced with the fibre optic cable relocation works and the aggregate supply/quality issues. A variation to the MBIE funding agreement has been approved.

Earthworks on the unsealed portion beyond the proposed end of seal (British memorial to Hayes Road) will recommence in May after the fibre cable has been relocated. The seal extension section will have the subbase aggregate overlayed and compacted, and the final stabilising and sealing will be delayed until early next construction season.

Ruapekapeka Road Stage 1 pavement construction

Stage 2

Detailed design for Ruapekapeka Road Stage 2 (bridge to Monument Road) is complete, with a peer review recently completed on the geotechnical and structural aspects of the design. The State Highway intersection improvements design is complete, with on-going liaison with the Ruapekapeka Trust for their inclusion of the intersection Pou.

Next month's activities for Ruapekapeka Road Stage 2 will focus on the tender documentation complete and out to market, with the completion targeted for next construction season.

The proposed delivery mechanism for Stage 2 is to utilise the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. The design for Stage 2, including the proposed retaining walls below the Pa site and the SH1 intersection improvements are complete, with some minor improvements and changes to the design expected as we work through the consultation with the Trust.

PROGRAMME OVERVIEW

Priority 1 Routes

A variation has been agreed with MBIE regarding the completion dates to milestones for the Priority 1 Roads; Design capacity in the local market meant that there was a delay at design stage for Ngapipito Road. This had a direct impact on the construction start date and due to the restriction on physical works over the winter season, an extension was agreed upon.

▶ Priority 1 Roads Programme Milestones			
Deliverable	**Original Completion Date**	**Variation Completion Date**	**Status**
• Funding Agreement executed by both parties. • Investigation and design underway. • Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020.	August 2020	Achieved	
• ECI agreement in place • Stage 1 investigation and design complete	30 September 2020	Achieved	
• Stage 2 design complete • Stage 2 construction underway	31 December 2020	15 March 2021 - Achieved	
• Stage 2 construction complete	31 March 2021	30 November 2021	
• Final completion of surfacing MSQA reporting and monitoring paperwork	30 June 2021	30 December 2021	

Ruapekapeka Road

The delivery milestones required to achieve the dates set out in the funding applications were very tight. While we accelerated as many of the processes as we could, and identified innovative delivery methods, delays with consenting and consultation with the Ruapekapeka Trust meant that the programme had started to slip. MBIE were consulted with as soon as this became obvious and issued a minor variation to the contract agreement that pushed completion out to December 2021.

The reason for the 6-month extension is due to the fact that we cannot undertake any earthworks, road pavement and sealing work during winter months, so Stage 2 works will have to be undertaken in the early part of the next construction season.

▶ Ruapekapeka Road Programme Milestones			
Deliverable	**Original Completion Date**	**Variation Completion Date**	**Status**
• Funding Agreement executed by both parties • Investigation and design underway	August 2020	Achieved	
• ECI agreement in place • Stage 1 investigation and design complete • Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020.	30 September 2020	Achieved	
NOTE: Major earthworks for Stage 1 construction have been unable to start due to delays with consenting and archaeological authority requirements. The programme was already tight and this will put us a month			

behind, which will have a knock-on effect on the completion date.			
• Stage 2 design complete • Stage 2 construction underway • MSQA reporting and monitoring paperwork	31 December 2020	28 February 2021	
• Stage 1 construction complete • MSQA reporting and monitoring paperwork	31 December 2020	30 October 2021	
• Stage 2 construction complete • MSQA reporting and monitoring paperwork	31 March 2021	30 November 2021	
• Final completion of surfacing • MSQA reporting and monitoring paperwork	30 June 2021	30 December 2021	

FINANCIAL OVERVIEW

▶ Strategic Roads Road

Contract	Paid to Date	Status
Northern Edge	$20,126	Ongoing
Hoskin Civil	$83,775	Ongoing
Northern Civil	$3,995	Complete
WSP	$180,091	Complete
Ventia (previously Broadspectrum)	$246,258	Ongoing
Fulton Hogan	$4,783,238	Ongoing
Rawene Consultants	$802	Complete
BCI Media Group	$2,501	
April Claim		**$958,017**
Total Claimed to date		$5,320,789

▶ Ruapekapeka Road		
Contract	**Paid to Date**	**Status**
Northern Edge	$10,438	Ongoing
Hoskin Civil	$105,247	Ongoing
Northern Civil	$4,240	Ongoing
Williamson Water	$8,672	Ongoing
WSP	$30,451	Complete
Geometria Ltd	$6,391	Ongoing
Top Energy	$1,100	Ongoing
Ventia (previously Broadspectrum)	$547,867	Ongoing
Haigh Workman	$129,500	Ongoing
Rawene Consultants	$195	
BCI Media Group	$1,250	
April Claim		**$66,006**
Total Claimed to date		$845,355

KEY RISKS AND OPPORTUNITIES

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

- For Ruapekapeka, the initial engineers estimate based on the submitted design for stage 2 works, exceeds the budget allocation, largely due to the proposed retaining wall structures required to achieve road width adjacent to (below) the Pa site. We have engaged WSP to peer review the design and identify any 'value engineering' opportunities. This has been raised with MBIE representatives, with early discussions on potential funding reallocation from 'Priority 1 Roads Project'.

STAKEHOLDER COMMUNICATION

Council have released a number of media updates for Peria, Ngapipito Road and Ruapekapeka Road.

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

Partners and stakeholders involved in these projects include;

- Iwi/Hapu – Ngāti Hine, Ngāti Hau, Ngāti Manu and Te Kāpiti
- Te Ruapekapeka Trust

- DOC
- Geometra (Archaeological Specialists)
- Heritage NZ
- NZTA
- NRC
- Affected landowners

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

A hui was held on 1st April with representatives from Te Ruapekapeka Trust, NZTA and FNDC Project Management Team to discuss the design of the Pou proposed for the SH1 intersection. The proposed concept is very exciting and we will share this detail in the near future.

TE HIKU O TE IKA REVIATLISATION

EXECUTIVE SUMMARY

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

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

Overall, the project aims to provide:

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

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

SUMMARY - April

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

The Dalmatian Alleyway is the first part of the Te Hiku project that was largely completed during the month of April. The "Dally Alley" has been a huge attraction already as hundreds of locals have wandered down to enjoy the images depicting the past of our gumdiggers, both of Maori & Dalmatian descent. There are hundreds of positive comments posted on facebook about what a difference it has made to the street already.

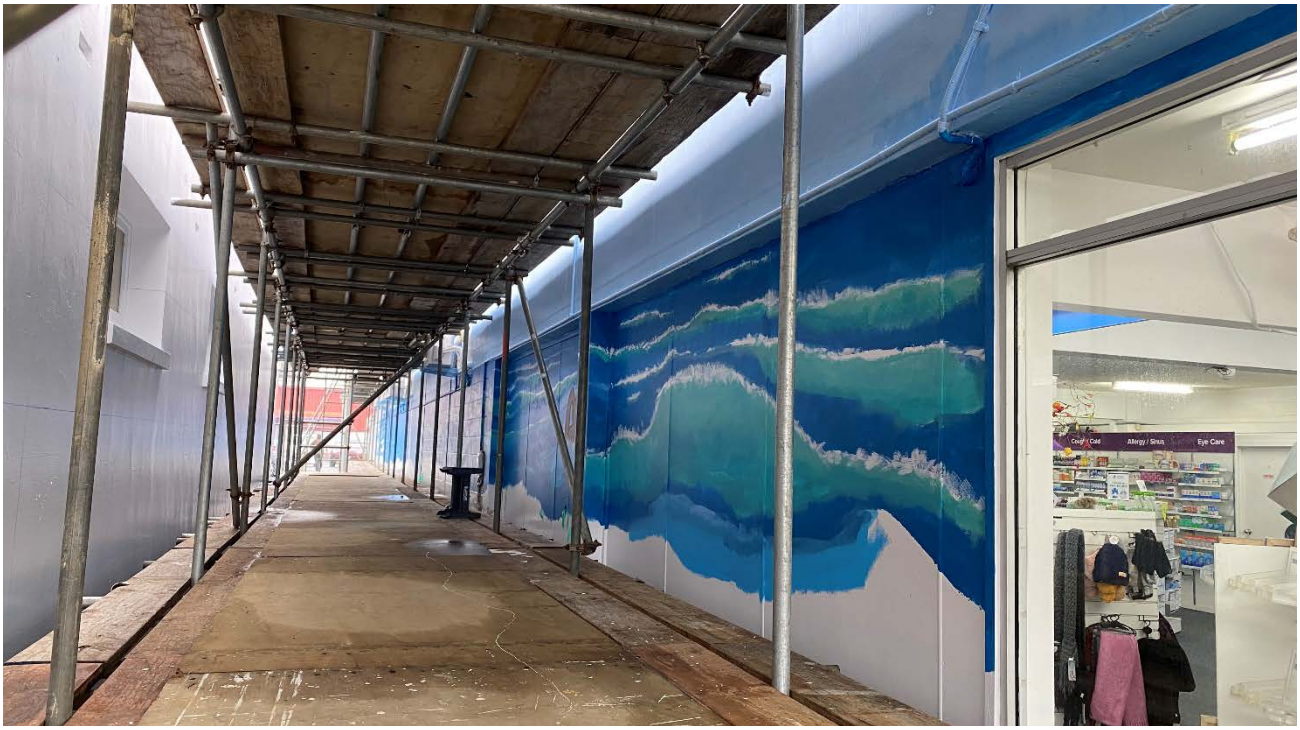
The planter boxes were planted in the grapes that were grown by the Dalmatians and oioi grasses seen up in the gumfields. The hand carved signs by Kauri Unearthed were installed. We are just waiting on the installation of the steel gumdigger to erect as well as a resurfacing of the alleyway itself. With the improvements made on the walls, it has shown up the need to improve the surface of the alleyway to complete the project. While people have wandered down the alleyway, the judder bars were a trip hazard so these have now been removed.

The CEO, Shaun Clarke, Mayor Carter, Councillors Foy, Collard and Tepania wandered down to check out the progress after the LTP hearings in Kaitaia.

The second alleyway is starting to take shape now that the artists have made a start on their blank canvases for the last part of April. The artists who are new suppliers to FNDC had a slight delay on their starting dates

while waiting for their health and safety plans to be approved and for invoiced deposits to cover their initial paint purchases.

Dorothy Kilgour creating her beach scene on a nearby wall



Sylvie Haines working on her Te Hiku coastline with the west coast up one wall and the east coast down the other. 20 Beaches within 20 minutes is the theme for this alleyway and nearby walls

The extension of the Foreshore footpath to the shared 2.2m pathway has been done in collaboration with the Project Manager already assigned to the FNDC footpath and contractors Fulton Hogan. The Te Hiku project has requested the widening of the paths including natural curves to be incorporated in the shaping. The difference in cost is being covered from the Revitalisation project funds. We have also worked closely with

the Ahipara Surf Life Saving Club to ensure their viewing area is not compromised.

The contract to lay 23 concrete foundations for the furniture ordered, has been awarded to a small Maori owned business, OTO Contractors. OTO Contractors will begin this work in mid-May. An additional contract has been awarded in April to install the 16 x bird seats in a way that mentoring and collaboration can be achieved. A well-established Tier 2 contractor, Stonecraft Construction will be mentoring Procrete, a relatively new Maori owned concrete business to ensure they meet the health and safety requirements and have advice and guidance in pricing/quoting. We are all looking forward to the positive outcomes of this relationship that all parties have agreed to.

PROGRAMME OVERVIEW

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

The deliverables for Payment #1 were achieved, unlocking the first claim value of $3.5m in November. Deliverables for 30 April 2021 have been largely achieved with detailed plans for the final design of pump-tracks and playgrounds still in progress. We have not spent the initial upfront payment of $3.5M, so no claim is due for this milestone.

▶ Te Hiku O te Ika		
Deliverable	**Completion Date**	**Status**
• The agreement executed by both parties. Project is 'shovel ready'	30/10/2020	
• Surveying, detailed plans and preparation for works at Ahipara, Awanui and Kaitaia. Recipient to provide evidence to the Ministry that the previous instalment has been spent.	28/02/2021	

▶ Te Hiku O te Ika		
Deliverable	**Completion Date**	**Status**
• Awanui carpark & playground underway Recipient to provide evidence to the Ministry that the previous instalment has been spent and that the consent has been granted.	30/05/2021	
• Kaitaia Town square and market square complete Streetscaping completed Ahipara, Awanui and Kaitaia Pump park completed in Kaitaia and Ahipara Recipient to provide evidence to the Ministry that the previous instalment has been spent.	31/08/2021	
• Awanui carpark and playground completed Ahipara carpark and playground completed Cultural Art erected Awanui Jetty completed Ahipara walkways completed	30/11/2021	
• All works completed and project finishes	30/06/2022	

BROADER OUTCOMES

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

Social Procurement

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

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

Local Iwi partnerships

The project working group includes local Kaumatua who liaise with local Iwi for creation of cultural art installations. Regular fortnightly meetings are now in place to keep abreast of progress for all gateways.

Upskilling the local workforce

FNDC and the project team have set up an initiative to assist local, smaller contractors achieve Sitewise accreditation who don't currently meet this prequalification criteria. To date, 31 contractors have registered for this assistance. In addition to allowing them to work on this project, this accreditation will prequalify them for future continued work with FNDC. Through this process these contractors will be upskilled specifically in the Health and Safety at Work Act and their systems and processes will improve, resulting in safer workplaces.

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

CIVIL DEFENSE EMERGENCY MANAGEMENT

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

recovering from emergencies.

NATIONAL EMERGENCY MANGMENT AGENCY

- The National Emergency Management Agency has announced the appointment of Gary Knowles as its new Deputy Chief Executive, Emergency Management.

  Gary was a member of the New Zealand Police for 42 years and worked in a variety of operational and leadership roles in emergency management, intelligence, criminal investigations, and senior commands in New Zealand and internationally

  In 2012 Gary was appointed to District Commander for the Canterbury Police District, where he led a team of 1,000 — the second biggest policing district in New Zealand. Gary started his new role with NEMA on Monday 22 March.

- On 5 March, the National Emergency Management Agency (NEMA) National Coordination Centre (NCC), which was already activated to support the response to the COVID-19 resurgence in Auckland, pivoted to manage the multiple earthquake events that resulted in tsunami warnings and advisories.

  A M7.3 East Cape earthquake at 2.27am triggered the first tsunami warning for a Land and Marine threat which passed at 6am. At 6.41am, a M7.4 earthquake near the Kermadec Islands then triggered a tsunami advisory for a Beach and Marine threat. Whilst the earlier advisory was still in effect, a M8.1 earthquake struck again near the Kermadec Islands at 8.28am. This triggered a new tsunami warning for a Land and Marine threat for several areas of north-eastern New Zealand.

  The tsunami waves from all three earthquakes were detected on the New Zealand DART buoy network. GNS Science reported that the New Zealand DART buoy network greatly assisted the Tsunami Expert Panel with reducing the forecasting uncertainties and enabled a much quicker cancellation of the threat from the M8.1 Kermadec earthquake.

  CDEM Groups and national agencies activated in response. The NEMA National Controller held teleconferences with CDEM Group controllers at regular intervals throughout the event to ensure effective coordination, consistency in response, and direct access to GNS Science advice.

  NEMA issued an initial Emergency Mobile Alert (EMA) to the areas requiring evacuation (i.e. those areas that were under Land threat). Some CDEM Groups later followed with their own EMA messages; some expanded the target areas for evacuations and others issued alerts for areas that were under Beach and Marine threat. Affected communities evacuated for a number of hours and were allowed to return from 1:15pm when the warning was downgraded to a Beach and Marine threat before being cancelled at 3:45pm. There was no damage on land reported.

  The NCC was stood down for both the COVID-19 resurgence and the tsunami response at 5pm on 5 March. NEMA is in the process of conducting an internal review of the response to the three tsunami events. NEMA's review process will include discussion with GNS and the CDEM Groups.

NORTHLAND CDEM GROUP

- Work continues with the review of the Northland CDEM Group Plan. In line with the Directors Guideline for Emergency Management Groups, an across agency and stakeholders' workshop with 25 attendees was held on 31 March to work through key aspects of the plan including a full review of the northland risk hazardscape. Recommendations from this workshop will be incorporated into the revised plan.

- A multi-agency debrief was held on 24 March 2021 to consider opportunities for improvement after the 5th March Kermadec earthquake and tsunami warning and affecting Northlands coastal communities. As a result of this debrief, all agency groups were asked to implement the opportunities for improvement as identified within their own organisations. A debrief report will be included in the agenda for next scheduled Civil Defence Emergency Management Group meeting.
- Civil Defence Officers have received several requests across Northland from communities including Marae, schools and Kura for assistance with emergency planning after Kermadec tsunami warning and evacuation. CDEM Officers have since attended community meetings at Karikari Peninsula, Russell, Taipa, Coopers Beach Lake Ohia and the Kaitaia Primary School SLT to support local communities to improve their preparedness for such events.
- The bi-annual tsunami alarm test was carried out on Sunday 4th March. To date three alarms in the FNDC coastal areas have been identified as requiring maintenance or replacement. One alarm located at Te Ngaere was reported as being vandalised and damaged beyond repair during the Kermadec tsunami evacuation. As the owner of the alarms, information pertaining to the offending has been passed on to the Far North District Council to follow up with councils legal team for potential cost recovery. The estimated replacement cost will be $4-5K.

WARNINGS AND ADVISORIES

- A **National Advisory** was issued at 02:40 05 March 2021 as a result of a magnitude 7.3 earthquake off the EAST CAPE of New Zealand. After assessing the earthquake parameters, the National Emergency Management Agency and GNS Science determined there was no tsunami risk to Northland but issued a LAND AND MARINE WARNING for the East Coast of the North Island from CAPE RUNAWAY to TOLAGA BAY.
- A second **National Advisory** was Issued at 07:29 05 March 2021 following a magnitude 7.4 earthquake near KERMADEC ISLANDS at 2021-03-05 6:41 AM. A LAND and MARINE threat was issued for the EAST COAST of the NORTH ISLAND from the BAY of ISLANDS to WHANGAREI.
- A third **National Advisory** was issued at 08:45 05 March 2021 following a magnitude 8.1 earthquake north-east of New Zealand near KERMADEC ISLANDS REGION affecting the East Coast of the North Island from the BAY OF ISLANDS to WHANGAREI, from MATATA to TOLAGA BAY including Whakatane and Opotiki including GREAT BARRIER ISLAND. This was **escalated to a National Warning** at 9:45am 05 March 2021 and included the North Cape and almost the entire New Zealand coastline. This warning resulted in immediate evacuation to high ground for all Northland coastal communities.

Tsunami Forecast Map

Earthquake details: M8.1 Kermadec Earthquake #2
Time of earthquake: 08:28 NZDT 05/03/2021
Map issued at: 09:35 NZDT 05/03/2021

NOTE:

1. The stated threat levels may apply to any one of the series of waves generated by the event and not necessarily to the first wave. The first wave is not always the largest or highest and waves are likely to continue for many hours.
2. The threat levels suggest the largest wave at any coastal point inside the zone. Wave heights will vary within a zone.
3. The amplitudes do not include the tidal state (sea level) at the time the wave reaches the shore.
4. The estimate is for the maximum expected wave amplitude at shore. Run-up can be up to twice as high on steep slopes onshore near the coast i.e. a wave measuring 5m at shore can run-up as high as 10m on-land near the shore.
5. The expected wave amplitudes (crest to sea level) at the shore are likely to be different to measurements given in PTWC bulletins. PTWC measurements are taken at sea level gauges in the open ocean or at coastal points off-shore from New Zealand. NEMA information represents the official threat estimates.

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

Tsunami forecast map issued at 0935 hours showing affected area and expected amplitudes at the relative coastal areas across New Zealand.

APPENDICES

TE TAI TOKERAU WORKER REDEPLOYMENT PACKAGE – MONTHLY REPORT

PROVINCIAL GROWTH FUND
TUAWHENUA

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

1. Project Updates

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

Completion Date Risk

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

With most Funded activities completed in February 2021, the April report includes updates only for the following remaining three in progress items:

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

Project Element	Details of progress
1. Removal of self-seeded roadside trees	Funding item complete.
2. Roading sightline improvements and vegetation clearance	Funding item complete.
3. Roadside litter collection and clean-up	Funding item complete.
4. Removal of known Roadside hazardous trees	Funding item complete.
5. Removal of self-seeded roadside trees	Funding item complete.
6. Roadside litter collection and clean-up	Funding item complete.
7. Spot Spraying Noxious Weeds	Funding item complete.
8. Sight Rail Improvements (3# districts)	Funding item complete.
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	Work continued on this item in April with the remaining outstanding activity below scheduled to be completed in May: • Mangawhai Community Park - Reinstatement of shared tracks/walkways partially completed. This was programmed for completion in February, however due to extenuating circumstances completion is now programmed for May.

10. WDC Parks - Vegetation clearance & clean ups	Funding item complete.
11. FNDC Parks - Vegetation clearance & clean ups	Funding item complete.
12. NRC - Rivers & Beaches Vegetation clearance & clean ups	Funding item complete.
13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whg. Falls)	Funding item complete.
14. New Footpaths (3# districts) missing links in existing urban network	Funding item complete.
15. Accelerated Unsealed network grading program	Funding item complete.
16. WDC Storm Response works	Remining WDC Storm Response scope activities were completed in April.

			Monthly Progress		
Work Type	Original Total	Revised Forecast	Expenditure	% Complete	Comments
Stormwater, Waste & Drainage	$ 569,808.98	$ 523,465.93	$ 523,465.93	100%	Work Completed
Parks	$ 780,941.25	$ 827,571.77	$ 898,288.39	109%	All works associated with available funding has now been completed
Roading - Priority 1 & 2	$ 650,333.99	$ 648,962.30	$ 652,743.23	101%	All works associated with available funding has now been completed
	$ 2,001,084.22	$ 2,000,000.00	$ 2,074,497.55	104%	

**Full activity expenditure shown above - overspend above $2m funding limit covered by WDC funding.*

17. FNDC Storm Response works	Storm Response scope activities have continued, with completion on track for revised timeline of end-May 2021. 55% of total $2m identified works has been completed & invoiced as at 30th April 2021.

Work Type	Original Total	Moerewa component	Revised Forecast	Completed Value	% Complete	Comments
Morewa Initial Clean Up (retrospective)	$ 77,073.06	$ 77,073.06	$ 77,073.06	$ 77,073.06	100%	Retrospective works - fully complete
BSL Districtwide Flood Response (retrospective)	$ 113,779.06	$ -	$ 113,779.06	$ 113,779.06	100%	Retrospective works - fully complete
Flood Protection Works	$ 351,906.78	$ 179,435.00	$ 351,906.78	$ 124,674.00	35%	Work continues - on track for completion by end May 2021
Parks	$ 545,000.00	$ 31,435.00	$ 560,074.78	$ 160,576.83	29%	Invoicing yet to be received from contractors. 3 of 17 tasks fully complete with remainder in progress. Completion targeted by end May 2021
Roading - Moerewa Specific	$ 50,101.25	$ 50,101.25	$ 50,101.25	$ 50,101.25	100%	All Moerewa specific items completed
Roading - General	$ 949,528.63	$ 2,626.88	$ 946,822.92	$ 570,461.99	60%	193 tasks completed to date. Work continues with completion targeted by end May 2021
	$ 2,087,388.78	$ 340,671.19	$ 2,099,757.85	$ 1,096,666.19	55%	

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

2. Redeployment Outcomes

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

Project Element	Total People Working	Prev Unemployed	Aged 15-24	Māori	Pasifika	Women	Job type • Full-time • Part-Time • Contractor
Item 9. Vegetation clearance and clean ups – Kai Iwi Lakes & Pou Tu o Te Rangi	*6*	*3*	*2*	*4*	*0*	*1*	*4 x Part-time Working on Elements of the Project.*
TOTAL	*6*	*3*	*2*	*4*	*0*	*1*	*As above*

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

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

Current jobs	People previously but no longer employed on the project	Expected jobs in the future
6	287	Nil

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

KDC Parks:

Throughout April six (6) people continued to be employed as part of the current stages of works. The month saw the works in the Mangawhai Community Park continue with the reinstatement of pathways and walking tracks.

Of the 6 employed in April, the majority will be redeployed to other works outside of this project, with 3 of the workers re-establishing to complete elements such as follow up pest plant treatment, remediation and reinstatement works.

Further works are to be undertaken through to May 2021 to fully complete elements of this works package. It is expected that there will be up to 10 people employed through to completion of elements of this work package.

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.

Two existing (previously reported) local contractor engagements continued in April:

- *Waterway Specialists - $20,000 work in April*
- *Asset Construction Ltd - $$40,000 in April*

Total engagement to date:

- *Total **Local business** supplier engagement reported to date = $5,024,668 (54% of total)*
- *Total **Maori/Pasifika** business supplier engagement reported to date = $1,373,066 (15% of total)*

4. Social Procurement Objectives

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

No further updates in March – all reported previously.

5. Financials

Eleven milestone payment totalling $12,771,201 have been claimed from MBIE to date. (note – processing of the April invoice of $171,802.50 excl. GST was delayed – sent to MBIE on Monday 10th May 2021)

A final reconciliation of expenditure for the completed funding items following receipt of any remaining trailing contractor invoices and will be provided in the final project completion report (June 2021).

Project Element	Received from PGF to date	Actual Project Expenditure to Date	Notes
1. Removal of self seeded roadside trees	$ 300,000.00	$ 1,260,000.00	*Works completed*
2. Roading sightline improvements and vegetation clearance	$ 460,000.00		
3. Roadside litter collection and clean-up	$ 500,000.00		
4. Removal of known Road side hazardous trees	$ 1,800,000.00	$ 1,804,059.23	*Works completed*
5. Removal of self-seeded roadside trees	$ 870,000.00	$ 1,019,765.39	*Works completed*
6. Roadside litter collection and clean-up	$ 470,000.00	$ 463,901.22	*Works completed*
7. Spot Spraying Noxious Weeds	$ 250,000.00	$ 292,260.64	*Works completed*
8. Sight Rail Improvements (3# districts)	$ 200,000.00	$ 147,548.84	*Works completed*
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	$ 1,528,197.50	$ 1,483,995.00	*The works were planned for completion by the end of February 2021, however due to retrospective consent requirements, COVID alert level changes, weather and peak usage of park facilities, agreement was reached with MBIE to extend the completion of the works through to May 2021.*
10.Whangarei District Council Parks - Vegetation clearance & clean ups	$ 200,000.00	$ 600,000.00	*Works completed*
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	$ 400,000.00		
11.Far North District Council Parks - Vegetation clearance & clean ups	$ 200,000.00	$ 205,572.66	*Works completed*
12.Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	$ 200,000.00	$ 200,000.00	*Works completed*
14.New Footpaths (3# districts) missing links in existing urban network	$ 1,500,000.00	$ 1,470,135.00	*Primary construction works completed*
15.Accelerated Unsealed network grading program	$ 370,000.00	$ 195,507.68	
16.WDC Flood Damage repairs	$ 1,900,000.33	$ 2,000,000.00	*All works complete - expenditure reported at max. $2m / actual expenditure to date of $2.074m with overspend covered by WDC funding*
17.FNDC Flood Damage repairs	$ 1,623,003.53	$ 1,096,666.19	*Delays in Contractor invoicing for Parks component resulting in understated finacial progress. Works on track for completion by end-May 2021*
Total	***$ 12,771,201.36***	***$ 12,239,411.85***	

6. Forward Work Programme

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

Project Element	Outline of Planned Work (for next month)
1. Removal of self-seeded roadside trees	Funding Item now completed.
2. Roading sightline improvements and vegetation clearance	Funding Item now completed.
3. Roadside litter collection and clean-up	Funding Item now completed.
4. Removal of known Roadside hazardous trees	Funding Item now completed.
5. Removal of self-seeded roadside trees	Funding Item now completed.
6. Roadside litter collection and clean-up	Funding Item now completed.
7. Spot Spraying Noxious Weeds	Funding Item now completed.
8. Sight Rail Improvements (3# districts)	Funding Item now completed.
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	Mangawhai Community Park – Completion of reinstatement, selected planting & vegetation, groundwork preparation for shared pathway.
10. Whangarei District Council Parks - Vegetation clearance & clean ups	Funding Item now completed.
11. Far North District Council Parks - Vegetation clearance & clean ups	Funding Item now completed.
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	Funding Item now completed.
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	Funding Item now completed.
14. New Footpaths (3# districts) - missing links in existing urban network	Funding Item now completed.
15. Accelerated Unsealed network grading program	Funding Item now completed.
16. WDC Storm Response	Funding Item now completed.
17. FNDC Storm Response	Continuation of remaining outstanding works identified in scope document provided to MBIE.

7. Risks/Issues/Opportunities

(Any risks and/or issues arising or expected to arise, costs and mitigation)

Funding Item(s)	Risks / Issues	Magnitude / Likelihood	Mitigation
All	Failure to complete works within revised Contracted timeframes	High / Low	Risk predominantly mitigated with MBIE approval of Contract Variation to extend Completion timeframe to new Completion date of 28/02/2021.
All	Changes to Covid-19 Alert Levels	Severe / Moderate	Work programmes to be adapted to suit restrictions where possible. Contractor risk control plans in place

8. Communications

Nil to report for April.

Additional information - Redeployment Activity photos

WDC Storm repairs (Roading) – Ngunguru Road dish channel

Before

During

After

FNDC 20/21 CAPTIAL AND RENEWAL PROGRAMME UPDATED

APRIL 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.	62%	In construction	In construction	3	
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.	100%	In construction	Continue construction	3	
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.	46%	Construction of Parnell Footpath postponed to May as contractor plans to complete additional works around Opononi area before mobilizing to Rawene (Parnell Street).	Continue construction	3	
140 - Minor Events	General Maintenance	Iwitaua Road RP 14005	100%	Complete	n/a	3	
140 - Minor Events	General Maintenance	Paponga Rd RP8886 Slip Remediation	96%	Complete	Complete	3	
140 - Minor Events	Resilience	Waikare Road - various locations	0%	Work re-scheduled to start early May 2021	Commence construction	3	
141 - Emergency Works	Resilience	West Coast Rd RP 9563	29%	Construction complete. Independent geotechnical peer review almost complete. Additional investigations resulting from peer review being scoped.	Complete independent geotechnical peer review and commission additional geotechnical investigations.	3	
141 - Emergency Works	Resilience	Fairburn Rd	100%	Complete	Complete	3	
141 - Emergency Works	Resilience	Diggers Valley Rd	100%	Complete	Complete	3	
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552	100%	Complete	Complete	3	
141 - Emergency Works	Resilience	PLACEHOLDER	#DIV/0!	n/a	n/a	1	$180,456 of budget made surplus in March 2021 as projects constructed within budget.
212 - Sealed Road Resurfacing	Sealing Chip seal	South Region (CS - 37.99km)	93%	Chip sealing complete	chipseal compete end of March, small AC job in Waitangi late May	3	
212 - Sealed Road Resurfacing	Sealing Chip seal	North region (CS - 31.4km, TAC - 0.632km)	88%	100% complete with exception of one site (Fairburn Road)	complete	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Rehab design and investigation	0%	Seeking approval to award testing contract to recommended supplier	Commence testing for next seasons rehabs	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Pawarenga Road	81%	site 1, Installation of guardrails completed in April. Site 2/3 final marking completed April	Site 1 completed, snag list audit to do. Site 2/3 fence reinstatement followed by post completion snag list.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Waimatenui/Mataraua Road	66%	site sealed 3rd May	seal entrances, road signs, line marking, drainage	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Okaihau Road	101%	Complete	Practical completion and snag walk-over to be completed	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	101%	Completed.	Practical completion and snag walk-over to be completed	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Broadwood road	115%	Site complete - Snag list walk-over completed in January and forwarded to Contractor for action. - Items now completed.	Final defects walkover to be completed prior to end of DL period.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Purerua Road	109%	complete	Complete	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	120%	complete	DLP period	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Contract management fixed cost.	83%	n/a	n/a	2	
215 - Structures Component Replacement	Bridge	General Bridge maintenance	72%	Physical works progressing well with close to 80 sites of 105 were completed.	Continue with physical works on major work site.	3	
215 - Structures Component Replacement	Bridge	Scour protection across the network	92%	Commence physical works with close to 70 sites of 125 were completed.	Continue with physical works which includes major work site.	3	
215 - Structures Component Replacement	Bridge	Heavy Bridge Maintenance (Nth & Sth)	100%	Defects liability period for South. Scope for North 19/20 contract has been added to this year's General Bridge Contract 20/21.	Defects liability period for South.	3	
215 - Structures Component Replacement	Bridge	Scour protection (North and South)	100%	Defects liability period	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Matai Bay Road Bridge C03	40%	Site investigation and options report.	Detailed design & documentation forecasted to be deliver on April.	3	
215 - Structures Component Replacement	Bridge	Hihi Road Bridge F07	48%	Investigation and design in progress	Continue with Investigation and design	3	
215 - Structures Component Replacement	Bridge	Puhata road	0%	Matawherohia removed from project and added to Heavy bridge renewal works	Continue with Puhata designs	3	
215 - Structures Component Replacement	Bridge	Contingency for any overruns and testing, designing for next FY	0%			3	
215 - Structures Component Replacement	Bridge	Grove Road Bridge M28	48%	Tender Documents ready for next financial year's tendering.	Tender Documents ready for next financial year's tendering.	3	
215 - Structures Component Replacement	Bridge	Churtons Road Bridge C13	0%	Investigation and design in progress	Continue with Investigation and design	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D42	48%	Site investigation and options report.	Detailed design & documentation forecasted to be deliver on April.	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D47	16%	Site investigation and options report.	Detailed design & documentation forecasted to be deliver on April.	3	
215 - Structures Component Replacement	Bridge	Kenana Road Culvert E94	0%	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	3	
324 - Road Improvements	Lighting	District wide	97%	Complete	Complete	3	
341 - Low Cost Low Risk	Asso Improvements	Northern & Southern Area: Associated improvements on 2020/21 pavement rehabilitation sites	76%	Works in Progress	Works in Progress	3	
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	93%	As-builts and Ramm data done and received Practical Completion	Defects liability period	3	
341 - Low Cost Low Risk	Bridge	West Coast Road G01	58%	Commence at site and off-site superstructure construction ongoing.	On-site activities on-hold due to Top Energy not issuing close proximity permit.	1	1.) On-going Panguru flood mitigation project adjacent to the bridge. 2.) Likely not going to be completed this financial year due to Top Energy issue.
341 - Low Cost Low Risk	Bridge	Puhata Road Bridge D50 Replacement	49%	Investigation and design in progress	Continue with Investigation and design	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Bridge	Quarry Road (Awanui) Culvert B13 Replacement	48%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	WekaWeka Road Culvert J18 Replacement	48%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	Kaitaia-Awaroa Road Culvert D41 Replacement	38%	Site investigation and options report.	Detailed design & documentation forecasted to be deliver on April.	3	
341 - Low Cost Low Risk	Cycleways	Keith Kent 20/21 & 21/22 projects. Ped & Cycle Traffic Calming Improvements	33%			2	No updates provided from safety team
341 - Low Cost Low Risk	Future designs	PLACEHOLDER for advance design of 21/22 projects	0%	Programme to be supplied	Programme to be supplied	1	Awaiting project brief
341 - Low Cost Low Risk	Lighting	Various District Roads	5%	Construction started (in Kerikeri)	Continue construction	2	Contractor behind program
341 - Low Cost Low Risk	New Footpath	North Park Drive - Whangatane Drive, Kaitaia	100%	Complete.	Complete	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	22%	Construction commenced Apr 21	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln	0%	Construction commenced Apr 21	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: SH1 Harbour View Rd to private access	10%	Construction commenced Apr 21	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	0%	Completed	Complete	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue	0%	Completed	Complete	3	Footpath budgets not set for individual projects in FNDC system and are currently being updated by Ajay. Costs to be journaled from parent code once fndc budgets are updated.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd to Rangikapiti Rd	100%	Construction deferred as agreed with CB.	Progress advance design	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - Dominion Road	0%	Construction commenced Apr 21	Complete construction	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd Rangikapiti Rd to Richmond Rd link	100%	Construction deferred as agreed with CB.	Progress advance design	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	82%	Construction in progress but not completed this month as programmed due to delay in material supply.	Continue construction	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294-330	4%	Construction commenced.	Continue construction	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Taumataiwi St Opononi	225%	Complete	Complete	3	Footpath budgets not set for individual projects in FNDC system and are currently being updated by Ajay. Costs to be journaled from parent code once fndc budgets are updated.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	9%	Construction phase started but Council chose to halt to respond to resident concerns.	Recommence construction once council confirm resident concerns are addressed and instruction to proceed given.	2	Ability to deliver project is dependent on timely approval from council to recommence construction.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound	16%	Construction could not commence as programmed due to delay to locate service by	Commence construction	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
				Chorus. Contractor has provided another crew to help meet construction package programme completion.			
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Te Taipui Rd to Matauri Bay School Link	18%	Construction could not commence as programmed due to delay to locate service by Chorus. Contractor has provided another crew to help meet construction package programme completion.	Commence construction	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95	0%	In construction	Complete construction	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Opononi Footpath - Waianga Place	104%	In construction	Complete construction	3	
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Ped Bridge near Main St Bridge	1%	Started the bridge location planning and consultation with utilities owners such as North Power and Telecom. Safety audit commissioned.	Continue site investigation, location consultation, and the bridge design	3	Design is expected to be complete by June. Thus, the project delivery will start next fiscal year 2021-2022
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	60%	Design is close to complete. NTC was issued to Ventia (maintenance contractor) for construction phase briefing.	Finalizing the design and construction cost, and starting preparation for the construction to start in June	2	Delivery may extend in to next fiscal year
341 - Low Cost Low Risk	Pedestrian Improvements	Hobson Ave Ped Crossing	6%			3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk	Resilience	West Coast Rd RP16005	102%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Taupo Bay Road RP 8816 & 9169	92%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387	96%	Completed	Complete	3	
341 - Low Cost Low Risk	Resilience	Kaitaia Awaroa 26991 (c/o from 19/20 currently in construction)	61%	Construction largely complete some defects still to be resolved	Construction largely complete some defects still to be resolved	3	
341 - Low Cost Low Risk	Resilience	Wainui Road RP 7200	91%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Panguru Road	97%	Complete	Complete but some minor defects to be addressed	3	
341 - Low Cost Low Risk	Resilience	Wharekawa Rd RP 3633	92%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Long Beach Road RP 294	88%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Waikare Road - mitigation contract	79%	Construction completed on original scope. More sites confirmed and work to recommence.	In construction	3	
341 - Low Cost Low Risk	Resilience	Powell Road RP209	31%	Peer review of design and Tender Evaluation almost complete.	Start construction.	2	Delivery may extend in to next fiscal year
341 - Low Cost Low Risk	Resilience	Sullivans Road	101%	Construction completed. Design complete for additional safety and storm water measures. Negotiation with Tarmac to undertake the additional safety measures.	Sign a contract with Tarmac and start construction of additional safety measures.	3	
341 - Low Cost Low Risk	Resilience	Powell Road RP92-169	6%	Engage maintenance contractor (FH) to price and programme pavement reinstatement	Start construction.	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Resilience	Beach Road RO400	29%	Additional site investigation completed	Finalize Detailed Design May/ June	3	Design is expected to be complete by June. Thus, the project delivery will start next fiscal year 2021-2022
341 - Low Cost Low Risk	Resilience	Aucks Road RP2016	42%	Additional site investigation completed	Finalize Detailed Design May/ June	3	Design is expected to be complete by June. Thus, the project delivery will start next fiscal year 2021-2022
341 - Low Cost Low Risk	Safety	Keith Kent 20/21 & 21/22 projects. Audible Tactile Profile/Structural Road Markings (HRRR WC341)	41%	Ventia on site - works on-going	On-going construction at various sites	3	
341 - Low Cost Low Risk	Safety	Keith Kent 20/21 & 21/22 projects. Roadside Barriers (Guardrails) and Associated Improvements	16%	Coastline on site - works on-going	On-going construction at various sites	3	Contractor behind programme establishing on site but has provided assurance that has sufficient resources on site to complete works.
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	86%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	120%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	101%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	67%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Long Beach Road improvement	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	74%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Panorama Ln Improvements	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Safety	Intersection Upgrade Access Road	#DIV/0!	n/a	n/a	1	Carry-over from 2019/20. Redistribute funds.
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	60%	Signages manufacturing and construction/ installation are underway (95% completed). Road markings are being constructed. Inspections for Practical Completion are underway.	Complete all sign installation and road marking work	3	
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	90%			3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017	64%	Final sealing and linemarking completed in April.	Confirmation of decision for safety audit items and installation of any items as required. To be followed by post completion snag list audit.	3	Site now complete - noted Logging operation in progress on side road within site, may pose some stress to new sealed surface - monitor
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	88%	Sealing of site completed in April	Line-marking, final shoulder trimming, guardrail installation and some minor tidy up works, followed by post completion snag list audit to be completed in May.	3	Sealing of site completed - risk to site considered low
341 - Low Cost Low Risk	Sealing Chip seal	Parapara Rd 0-250	0%	Updates to be supplied by NTA Maintenance team	Updates to be supplied by NTA Maintenance team	3	
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	166%	Reporting challenges in finalizing the locations to install Pou to FNDC's Roading manager.	Finalising the locations to install Pou	2	Ongoing delays on hapu agreeing location to install Pou is impacting programme. Hence risk of non-delivery this financial year.

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
				Following up with the contractor to install Pou.			
Footpath Renewal Unsubsidised	Footpath Renewal	SH12 Opononi	86%	In construction	In Construction	3	
New Footpaths - Unsubsidised	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	7%	Construction commenced Apr 21	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward:Placeholder - Community Board to advise	0%			1	CB have chosen not to spend this surplus. Surplus may be used for overspend on other CB footpath projects.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	0%	Construction phase started but Council chose to halt to respond to resident concerns.	Recommence construction once council confirm resident concerns are addressed and instruction to proceed given.	2	Ability to deliver project is dependent on timely approval from council to recommence construction.
New Footpaths - Unsubsidised	New Footpath	Long Beach Road footpath corner to carpark-Russell	100%	Complete	Complete	3	
New Footpaths - Unsubsidised	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	0%	Design is close to complete. NTC was issued to Ventia (maintenance contractor) for construction phase briefing.	Finalizing the design and construction cost, and starting preparation for the construction to start in June	2	Delivery may extend in to next fiscal year
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	17%	Completed	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	118%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	164%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	137%	Complete	Complete	3	
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	75%	Complete	Issue PCC and complete required MSQA Documentations	3	
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	100%	Complete	Defects period ends Oct 2021	3	
Resilience - Unsubsidised	Resilience	Panguru Road	47%	In construction	In construction	2	Unlikely to fully complete project this fy due to dependencies on separate bridge improvement project which is currently being constructed but delayed. Accordingly, safety barrier and pavement tie-in to the bridge likely to be deferred to next fy.
Seal Extension - Unsubsidised	Seal Extension	Balance of carry-over amount from 19/20	0%			2	
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road	69%	Sealing of site completed in April	Completion of driveway and intersection sealing (subject to conditions).Completion of linemarking and signs installation. Completion of drainage improvements (minor top up of RIP RAP, and culvert outfall protection works). Installation of additional (offline) shoulder support and guardrails. Completion of drainage and pavement at Stock underpass (once underpass is complete)	3	DRAINAGE: The site had some historic drainage discharge issues, however an acceptable solution was agreed with the affected landowner and improvements have now largely been completed . STOCK UNDERPASS: The construction of a stock underpass at RP9625 and is being managed by the property owner, the construction of this is expected in May/June with completion of this section of (100m) of pavement and associated drainage to follow.
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380	79%	Site complete	Rectification of driveway gradients and completion of post completion snag list close out	3	Sealing of site completed - risk to site considered low
Seal Extension - Unsubsidised	Seal Extension	Puketi Rd RP 0 - 1000	74%	Site complete	Close out completion of minor snag list items.	3	Note: Culvert issues above site need to be addressed to prevent future damage to the seal extension site (Culvert upgrade works required as part of maintenance)

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	81%	Complete	Defects period ends Sep 2021	3	
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	69%	program 80% complete	chipseal complete, small AC job in Waitangi late May	3	
Walking Facilities - Unsubsidised	New Footpath	Contingency	96%	Contingency for New Footpaths programme. Cost exceeded budget for Signal Station Road and additional budget was used from Walking Facilities ($56,273.5 has been paid for additional cost for the Road)	Refer Signal Station Road updates	3	

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

EXECUTIVE SUMMARY

April signalled the end of the summer construction season with some colder weather on its way. Ventia Puketona had another big month with two more to go until the end of financial year.

Two pedestrian safety projects were completed on Hobson Ave and Kerikeri Rd (outside Hunting and Fishing) with both receiving a lot of great comments from the public and businesses nearby. Our footpath team also completed the remaining renewals work out in Omapere and are heading into Rawene for May.

In April we completed the sealing on Koropewa Rd and Pungaere Rd seal extensions, remaining works include headwalls, driveway entrances, line marking and guardrail works. Both sites are looking super with once again positive feedback for Council and us Contractors. In May our pavement crews will start to switch from seal extensions to the heavy metalling programme with 3 crews working through the list until the end of June.

The annual network remark was completed in April and our culvert flushing round commenced late in the month with this programme due to be completed in June.

Our routine crews were kept busy and are all on top of their respective fields with the seasons changing.

Happy Reading 😊

WORK PROGRAMME

A total of 1916 individual work items were completed throughout the month of April which 1219 were routine find and fix issues, 434 were cyclic or part of annual rounds, 169 were programmed works, 24 were renewals/capital projects, and 70 were callouts or emergency response works.

May 2021 forward works programme has been submitted in RAMM.

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in March:

- 88 sealed potholes repaired
- 2908 unsealed potholes repaired
- 211 km of unsealed roads graded equating to 26% of the total unsealed network.

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in March:

- 273 Culvert ends cleared
- 983m of heavy water tabling
- 58m of light water tabling
- 73m Culvert pipes replaced/new

Hautapu Rd – Culvert Flushing

ROUTINE INSPECTION REPORT

Sealed - There are currently 0 sealed inspections running overdue.

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

Drainage - There are currently 45 drainage inspections running overdue.

ORDERED WORKS

- 106m² of footpath replacement/renewal were completed in April.
- Hobson Ave and Hunting and Fishing pedestrian crossings along with the last of the Omapere State Highway footpath works were ticked off the list in April. In May the team moves onto Rawene.

Callaghans Rd (Maromaku-Towai) – Scouring repairs

Hobson Ave – Brand New Pedestrian Crossing in progress

Ngawha Springs Rd – Scouring repairs

Orakau Rd – Maintenance Metalling

ROAD FURNITURE ACTIVITY

- 55 new signs installed or replaced (damaged or missing)
- 6 signposts replaced/new
- 35 signs re-re-erected or straightened
- 7 signs/posts cleaned

STRUCTURES

Waimate North Bridge repairs were completed in April with minor repairs booked for Waitangi Bridge in early May.

RESEALS/REMARKING

A huge season of reseals was completed in April with Hone Heke Rd being the last site completed in the first week of the School Holidays, good timing with School drop offs not on! With over 42km sealed, nearly double last season, the network has had a good birthday. There are two asphalt resurfacing sites to complete in late May in Waitangi.

The network remark has been completed with a few safety and parking jobs left to complete marking for in May.

PAVEMENT REHABILITATIONS

Seal Extensions

Koropewa Rd – RP15 – 1833

Physical Works – Site has been sealed with linemarking booked for next week. Guardrail and headwall installation will complete this project in May.

Pungaere Rd – RP8820 - 12410

Physical Works – Full 3.6km of seal extension received seal in April, with some inclement weather for a few weeks right at the wrong time we managed to keep calm and ended up with some beautiful late April sealing conditions to complete the job. Site work left to complete includes – Guardrail, signs and linemarking on some sections.

Pungaere Rd – Sealing and after photo

Ngapipito Rd – RP3500 - 8435

Physical Works – Water tabling, drainage, and earthworks in progress. Dig outs and pavement overlay commencing in May.

Target Completion – 15/10/21

Ruapekapeka Rd – RP4500 – 5800

With Pungaere Rd getting caught in weather for two weeks Ruapekapeka Rd was delayed as a result. Work on the overlay to prepare the road for stabilising post winter to commence this week and be completed by 15/5/21.

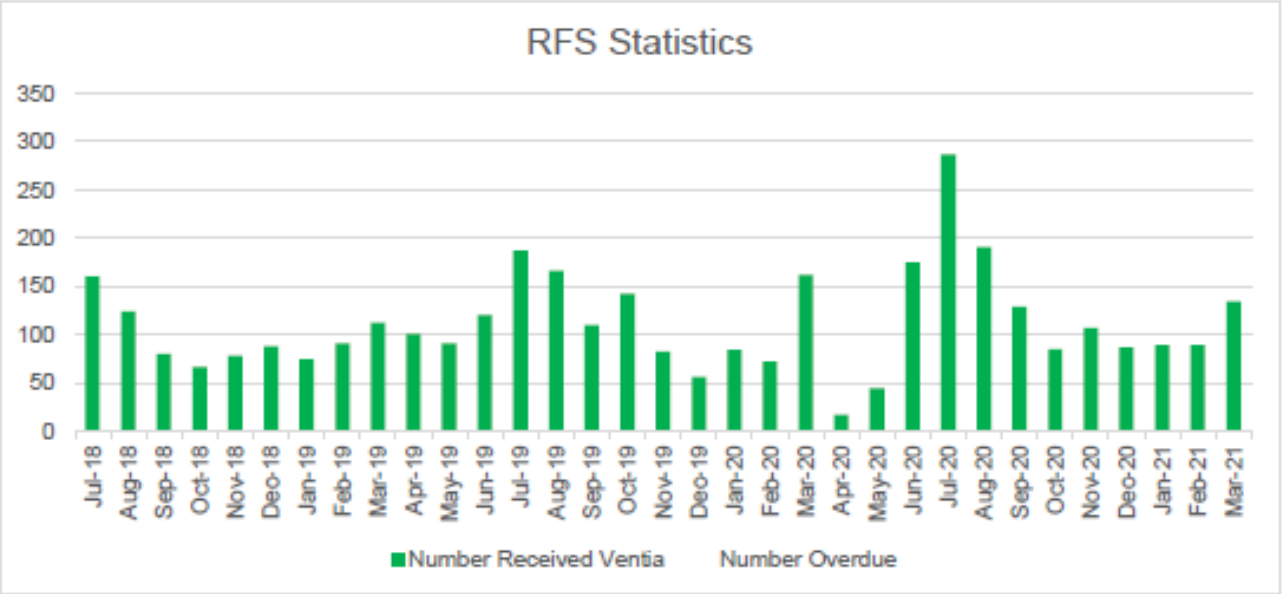
Next year's rehabilitation site list was received on 3/5/21 with advanced discussions being held with WSP OPUS to commence test pits and site investigations. Sites are – Ngawha Springs Rd, Kings Rd, Kerikeri Rd and Waikare Rd.

ROAD ACCIDENT REPORT

No road accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for March were available at the time of this report. Ventia received 134 service requests during March and had 0 overdue. The below graph shows the number of RFS's received by our branch each month during the NTA contract and any overdue.



COMPLIMENTS

We received the following compliments in April

Hi Jamie

Hope things have been going well for you.

Ventia has been doing the prep for sealing Koropewa Rd, Waipapa recently. I'm on the corner and have a second entry into my place from Koropewa that I need to use for larger service vehicles. The crossing is basically compacted dirt and got quite munted with different activities happening there, culvert works, parking etc. I didn't complain as I'm not that sort of guy but did hold out hope it might be left a bit more useable.

Yesterday the sealing happened and they freshened up the crossing at the same time, even levelling it off with a bit of metal, it looks great, better than ever! I didn't know who to thank so I thought I'd start with you, so, THANKS VERY MUCH FOR ALL YOUR TEAMS EFFORTS.

I'm sure those living on Koropewa will also enjoy the absence of potholes forming after heavy rain now its sealed too. I'll certainly enjoy getting less dust!

Thanks again

Cheers

Bruce

Vegetation Team Leader

Top Energy Group

In April Kerikeri Inlet Rd was resealed and received a lot of bad press before the job had been swept. We received many calls and RFS and explained to them that the corrugations are part of a reseal construction from time to time. It depends on what speed environment, time of year and vehicle behaviour. Once swept the site was looking great and even some people took time out to reply saying humble pie has been eaten.

RAMM ISSUES

Several issues with Pocket RAMM throughout the month, where users could not add multimedia to dispatch and tablets crashing. This caused many hours of unproductivity for Pocket users while fix was applied by RAMM support.

We also noticed some inspections that had previously been closed off opened again days later. This causes some inspections to run past their due date. Council was informed who forwarded the issue to GHD to investigate.

HEALTH AND SAFETY

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

ID	Hazard ID	Date of Hazard ID	Site/Work Area	Description	Status
BRS-HAZ40614	Hazard ID - Puketona	09-Apr-2021	Puketona	Ventia Operator was following a vehicle that was driving erratically, slow then fast, overtaking in dangerous spots.	Closed
BRS-HAZ40615	Hazard ID - Puketona	15-Apr-2021	Puketona	Loader was parked overnight in a stockpile area adjacent to SH10, to be used again the following morning for a sealing job. When crew arrived at 7:30am to use the loader the batteries had been removed overnight.	Closed
BRS-HAZ40617	Hazard ID - Puketona	14-Apr-2021	Puketona	Temp worker received a bee sting on right forearm while walking from private vehicle to the Ventia office upon arrival at work.	Closed
BRS-HAZ40704	Hazard ID - Puketona	20-Apr-2021	Puketona	Wheel nut indicators are missing on some wheels on some items of medium and heavy plant such as double axle transport trailers and trucks.	Open
BRS-HAZ40764	Hazard ID - Puketona	23-Apr-2021	Puketona	2 x portaloo located in the carpark without isolation controls in place - potential for personnel exiting from the portaloo to be contacted by a reversing vehicle	Closed
BRS-HAZ40883	Hazard ID - Puketona	22-Apr-2021	Puketona	Finished works on site for day, 13ton excavator was being parked up for the day awaiting transport. Member of the public appeared and verbally berated Ventia staff member in the pilot vehicle about the excavator being on the sealed road and the potential damage from the tracks.	Closed

In April we had a safe for life day involving Puketona, Kaipara and the Whangarei branches of Ventia. The main theme of the day was "what's my why" – what makes us want to go home safe each day. Take 5 and look out for each other when working.

Branch Toolbox – Held Tuesday 20/4/21

ENVIRONMENT

In April we had no notifiable incidents to report.

ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

Routine and cyclic rounds start at the financial year.

Biennial Painting of All Rails	0% completed
Biennial Parapet Painting of Bridges	0% completed
Annual Cleaning of EMP's	0% completed
Annual Sucking of All Sumps	4% completed
Biannual sweeping	68% completed – first round
Urban Vegetation Spraying	0% completed – second round
Rural Vegetation Spraying	5% completed – second round

COMMUNITY ENGAGEMENT

In April while out in Omapere we noticed that the Fire Stations entranceway had a large lip to the road from the existing footpath. While replacing the footpath either side of the entranceway the team prepared and asphalted the lip as a thank you to the volunteers.

Omapere Fire Station – Asphalt tie in

A new baby arrived in our fleet this month. A brand new Hino 700 that will tow our bottom dumper/transport trailer and brand new 26000 litre bitumen trailer that is due to arrive in October.

New Toy – Hino 700

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

REHABS

- Pawarenga Road – Complete
- Church Road Seal Extension – Complete

Programmed Task:	Status:	Due Date:	Completed:
FWP Confirmation	Complete.	31/03/2020	23/06/2020
Investigation & Testing	Complete.	14/08/2020 (NTC) 15/11/2020 (NTA Advised)	09/12/2020
Drawings	Complete.	30/09/2020 (NTC)	11/02/2020
Design	Complete.	30/09/2020 (NTC)	21/12/2020
Schedule of Prices	Complete.		17/12/2020
Safety Audit	Complete.	26/02/2021	26/02/2020

COMPLETED THIS WEEK

Day	Programmed Task	Comment
Monday	Prep for seal.	As planned.
Tuesday	Prep for seal.	As planned.
Wednesday	Prep for seal.	As planned.
Thursday	Prep for seal.	As planned.
Friday	Public Holiday	

PROGRAMMED FOR NEXT WEEK

Day	Task	Comment
Monday	Public Holiday	
Tuesday	Prep for seal.	
Wednesday	Prep for seal.	
Thursday	Prep for seal. Testing Booked. Seal driveways.	
Friday	Prep for seal. Seal carriageway.	

GENERAL COMMENTS

Wet weather on site this week has delayed progress of preparing the remainder of the site for seal.

If weather allows next week ,the remainder of the site will be prepared for seal. Testing and seal is booked for later next week, but will be weather dependent.

The final site tidy up, and 'snag list', will be completed next week, ready for disestablishment.

Figure 1: Section One Seal

Figure 2: Section One seal

Programmed Task:	Status:	Due Date:	Completed:
FWP Confirmation	Complete.	31/03/2020	23/06/2020
Investigation & Testing	Complete.	14/08/2020 (NTC) 15/11/2020 (NTA Advised)	09/12/2020
Drawings	Complete.	30/09/2020 (NTC)	11/02/2020
Design	Complete.	30/09/2020 (NTC)	21/12/2020
Schedule of Prices	Complete.		17/12/2020
Safety Audit	Complete.	26/02/2021	26/02/2020

COMPLETED THIS WEEK

Day	**Programmed Task**	**Comment**
Monday	Public Holiday	
Tuesday	Prep for seal.	Struggled to get slurry completed due to higher than usual temperatures and windy site. Second water cart booked to help
Wednesday	Prep for seal.	Full slurry by 2pm. Allowed to dry back before drag broom following day.
Thursday	Prep for seal. Remove shoulder and rip rap swale Testing Booked. Seal driveways.	Testing all passed. Driveways sealed as planned. Shoulder constructed opposite Dykin Road is high risk and steeper than desired. Likely to fail in future.
Friday	Seal carriageway. Tri shoulders and tidy culvert inlets	Pavement all sealed.

PROGRAMMED FOR NEXT WEEK

Day	**Task**	**Comment**
Monday	Tidy up site – swales, culverts, install edge markers, remove survey set out etc	
Tuesday		
Wednesday	Sweep seal and mark out for line marking	
Thursday	Complete line marking	
Friday		

GENERAL COMMENTS

Entire pavement sealed. Great job by all involved. A very nice looking seal extension.

Final tidy up next week before full disestablishment.

HEALTH AND SAFETY / OFI's / FNDC SITE VISITS

Type	**Detail**	**Follow up**
Service strike	Digging out imported granular fill from a shoulder opposite Dykin Road, clipped the telecom cable in the bottom of Swale. Cable was ducted but not covered with timber. Did not follow FH protocols by scanning before we dig. Assumed no services in fill given we have placed it all there.	Tool box with team to ensure we are always following Fulton Hogan processes for permits when digging.

Figure 1: high risk shoulder with rip rap

Figure 3: Section two seal

Figure 4: Great compaction all the way to edge of shoulder

PERIA ROAD SEAL EXTENSION

Far North District Council
Church Road
Seal Extension

Report No.21 for week ending 28th March 2021

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

Completed this week

Day	Programmed Task	Comment
Monday	Overlay Section Four Drainage Section Five Clearing Section Five	Excavators Rained off.
Tuesday	Bridge Undercuts Section Five Drainage Section Five Clearing Section Five	As planned.
Wednesday	Bridge Undercuts Section Five Drainage Section Five Clearing Section Five	Pavement digout instead of Bridge undercut.
Thursday	Bridge Undercuts Section Five Drainage Section Five	As planned.

	Clearing Section Five	
Friday	Public Holiday	

Programmed for next week

Day	Task	Comment
Monday	Public Holiday	
Tuesday	Stabilise Section Four Bridge Undercuts Section Five Headwalls Section Five Clearing Section Five Complete Tip Site Section Four	
Wednesday	Prep Section Four for Seal Bridge Undercuts Section Five Headwalls Section Five Rock walls Section Five Complete Tip Site Section Four	
Thursday	Prep Section Four for Seal Bridge Undercuts Section Five Rock walls Section Five Complete Tip Site Section Four	
Friday	Prep Section Four for Seal Bridge Undercuts Section Five Rock walls Section Five Complete Tip Site Section Four	

General Comments

This week most of the clearing was completed in Section Five and bridge and pavement undercuts were progressed in Section Five.

Next week Section Four will be stabilised, tip sites will be tidied up and completed in Section Four, bridge undercuts will be predominantly completed in Section Five, and the last of the excavator work, including rock walls, will commence in Section Five.

Figure 4: Section Five Clearing

Figure 5: Section Five Bridge Undercut

Figure 6: Section Five Bridge Undercut

Figure 7: Section Five Pavement undercut

Figure 8: Section Five Bridge undercut

Figure 9: Section Five Bridge Undercut

Far North District Council
Peria Road
Seal Extension

Report No.31 for week ending 11th April 2021

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

Completed this week

Day	Programmed Task	Comment
Monday	Public Holiday	
Tuesday	Stabilise Section Four Bridge Undercuts Section Five Headwalls Section Five Clearing Section Five Complete Tip Site Section Four	As planned.
Wednesday	Prep Section Four for Seal Bridge Undercuts Section Five Headwalls Section Five Rock walls Section Five Complete Tip Site Section Four	As planned. Rock walls not started, excavator in tip site.
Thursday	Prep Section Four for Seal Bridge Undercuts Section Five Rock walls Section Five Complete Tip Site Section Four	As planned. Rock walls not started, excavator in tip site.

Friday	Prep Section Four for Seal Bridge Undercuts Section Five Rock walls Section Five Complete Tip Site Section Four	As planned. Rock walls not started, excavator in tip site.

Programmed for next week

Day	Task	Comment
Monday	Prep Section Four for Seal Bridge Undercuts Section Five Complete Tip Sites Section Four	
Tuesday	Prep Section Four for Seal Bridge Undercuts Section Five Complete Tip Sites Section Four	
Wednesday	Prep Section Four for Seal Rockwalls Section Five Complete Tip Sites Section Four	
Thursday	Prep Section Four for Seal Rockwalls Section Five Complete Tip Sites Section Four	
Friday	Prep Section Four for Seal Rockwalls Section Five Complete Tip Sites Section Four	

General Comments

This week Section 4 was stabilised and bridge undercuts continued in Section 5. One tip site was completed in Section 4, and another continued to take Cut to Waste from the bridge undercuts.

Next week all tip sites will be completed in Section 4, Section 4 will continue to be prepped for seal, Bridge Undercuts will be completed in Section 5, and rock wall construction will start in Section 5. Work on the final tip site in Section 5 will also commence.

Figure 10: Section Five Bridge Undercut

Figure 11: Section Five Bridge Undercut

Figure 12: Section Four Tip Site

Figure 13: Section Five Bridge Undercut

Figure 14: Section Four Seal Prep

Figure 15: Section Four Tip Site Tidy Up

Figure 16: Section Four Tip Site Tidy Up

Figure 17: Section Four Seal Prep

Figure 18: Section Four Seal Prep

Figure 19: Section Four Seal Prep

Figure 20: Section Four Seal Prep

Far North District Council
Peria Road
Seal Extension

Report No.32 for week ending 16th April 2021

Investigation, Testing and Design

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

Completed this week

Day	Programmed Task	Comment
Monday	Prep Section Four for Seal Bridge Undercuts Section Five Complete Tip Sites Section Four	As planned.
Tuesday	Prep Section Four for Seal Bridge Undercuts Section Five Complete Tip Sites Section Four	As planned.
Wednesday	Prep Section Four for Seal Rockwalls Section Five Complete Tip Sites Section Four	Rockwalls not started. Slips from recent rain cleared.
Thursday	Prep Section Four for Seal Rockwalls Section Five Complete Tip Sites Section Four	Rockwalls not started. Slips from recent rain cleared.
Friday	Prep Section Four for Seal Rockwalls Section Five	Rockwalls not started. Tip Site tidy up in Section 5 started.

	Complete Tip Sites Section Four	

Programmed for next week

Day	Task	Comment
Monday	Seal Section 4 Section 5 Tip Site Tidy up	
Tuesday	Seal Section 4 Driveways Section 5 Shoulder Undercuts Section 5 Tip Site Tidy up	
Wednesday	Section 5 Shoulder Undercuts Rock walls Section Five Section 5 Tip Site Tidy up	
Thursday	Section 5 Pavement Overlay Rock walls Section Five Section 5 Tip Site Tidy up	
Friday	Section 5 Pavement Overlay Rock walls Section Five Section 5 Tip Site Tidy up	

General Comments

This week Section 4 was prepared for seal, with Nuke Testing successfully completed on Friday. Bridge undercuts were completed in Section 5 on Tuesday, and the final tidy up of tip sites in Section 4 was completed by Thursday. Small slips throughout Sections 4 and 5 were cleared this week, after the site received 98mm of rain over the weekend.

Next week, Section 4 will be sealed on Monday, Section 5 shoulder undercuts will commence on Tuesday, and the final excavator work in Section 5 will be started. The overlay in Section 5 will also commence next week.

Figure 21: Section Four Nuclear Density Testing

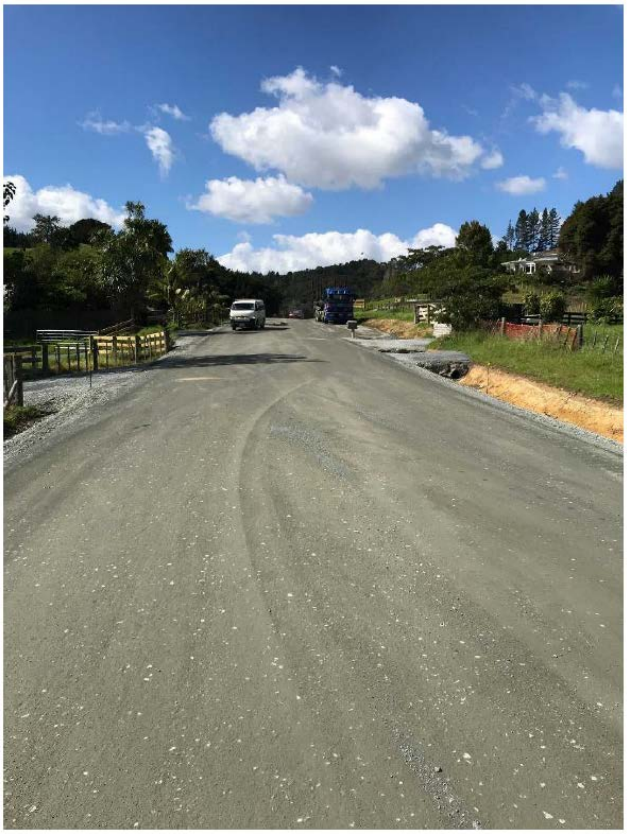


Figure 22: Section Four Drag Brooming

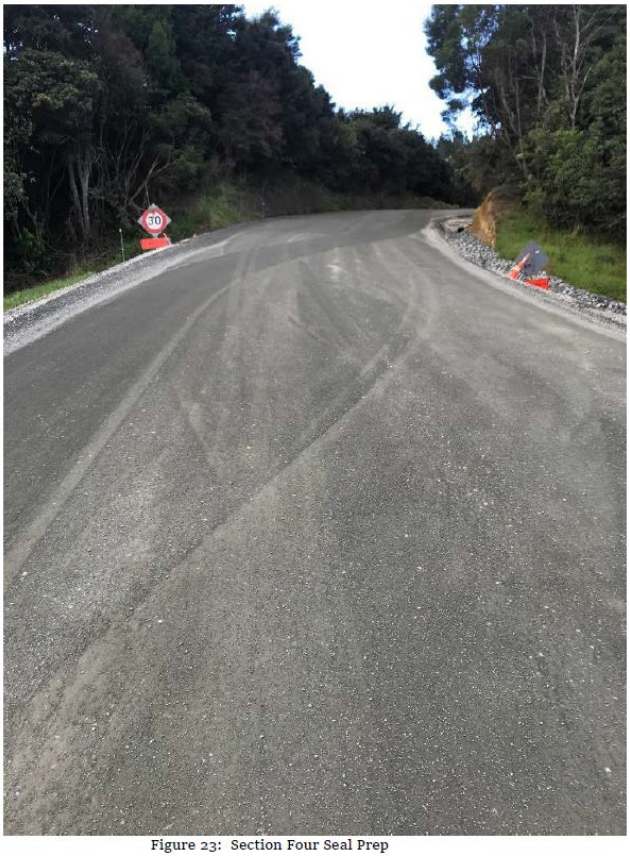


Figure 23: Section Four Seal Prep

Figure 24: Section Four Seal Prep

Figure 25: Section Four Storm Damage

Figure 26: Section Four Storm Damage

Figure 27: Section Five Bridge Undercut

Far North District Council
Peria Road
Seal Extension

Report No.33 for week ending 25th April 2021

Investigation, Testing and Design

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

Completed this week

Day	Programmed Task	Comment
Monday	Seal Section 4 Section 5 Tip Site Tidy up	As planned.
Tuesday	Seal Section 4 Driveways Section 5 Shoulder Undercuts Section 5 Tip Site Tidy up	Seal and excavators rained off.
Wednesday	Section 5 Shoulder Undercuts Rock walls Section Five Section 5 Tip Site Tidy up	Excavator rained off.
Thursday	Section 5 Pavement Overlay Rock walls Section Five Section 5 Tip Site Tidy up	Excavators both in Tip site.
Friday	Section 5 Pavement Overlay Rock walls Section Five Section 5 Tip Site Tidy up	Excavators both in Tip site.

Programmed for next week

Day	Task	Comment
Monday	Section 5 Pavement Overlay Section 5 Tip Site Tidy up	
Tuesday	Section 5 Pavement Overlay Section 5 Tip Site Tidy up	
Wednesday	Section 5 Pavement Overlay Section 5 Tip Site Tidy up Section 5 Rockwalls	
Thursday	Section 5 Pavement Overlay Section 5 Tip Site Tidy up Section 5 Rockwalls	
Friday	Section 5 Pavement Overlay Section 5 Tip Site Tidy up Section 5 Rockwalls	

General Comments

This week Section 4 was sealed, driveways were unable to be sealed due to wet weather on Tuesday. Shoulder undercuts have been completed in Section 5 this week, and the pavement overlay has commenced. Excavators have worked this week when possible, starting the tidy up of the final tip site.

Next week the overlay will continue, with the metal to be run in to half the overlay depth, with the remainder to be placed after winter. The tip site work will continue next week, and rock work will commence after the tip site, to make the most of any fine weather.

Figure 28: Section Four Ready for seal

Figure 29: Section Four Ready for seal

Figure 30: Section Four Seal in progress

Figure 31: Section Four Seal in progress

Figure 32: Section Five Tip site tidy up

Figure 33: Section Five Pavement overlay

Figure 34: Section Four Seal complete

Figure 35: Section 4 Seal Complete

Unsealed Maintenance 800km

- Grading 288 km
- Potholes 926 ea
- Maintenance Metal 1684 m3
- Envelope Mowing 103km

Sealed Maintenance

- Potholes 27 ea
- Edge break 1.6m
- Berm mowing 199km

Drainage

- Routine Maintenance 112 ea

Figure 36: Section 4 Seal complete

HEALTH & SAFETY

No injuries this month.

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	0	2	231
Medical Treatment Case (MTC)	0	0	1038
First Aid Injury (FAI)	0	0	1038

QUALITY AND TRAINING

Environmental non-compliance notices issued

- Nil non-compliances to report.

Notice to Contractor issued

- NTC 65 West Coast Rd Section C
- NTC 67 P17 Specification Reminder
- NTC 68 West Coast Rd RP 9.01
- NTC 69 DLM 2018/19 Reseals
- NTC 70 Pawarenga Road Rehab Instruction to Lay Pavement
- NTC 71 FNDC Nth_2021-2022 Rehabs

Training

- Inductions for Subcontractors.

RAMM Issue for the month

- Nil

FEEDBACK

22 April 2021

Location: Waiotehue Road, Kaitaia

Customer has called in to say a very big contractor who mowed the sides of their road. She mentioned that he has done a wonderful job.

MAY PROGRAMME

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

- The Pawarenga Road Pavement Rehabilitation: Run in metal for Section 1
- Peria Rd: Run in remainder of metal for section 5.
- West Coast Rd Road Raising Contract: Seal and complete.

WAKA KOTAHI NZ TRANSPORT AGENCY - NORTHLAND ACTIVITY UPDATE

Activity	2018-21 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	$75.40M	100%	Green	Waka Kotahi has completed the works deferred due to COVID19. Our finalised programme is 110 lane km's and to date we have completed 112 km. Rehab and SCRIM sites completed.
Low Cost / Low Risk	$5.3M	95%	Green	**Whangarei District Council** **Resilience**: SH1 Otanga Flats subsidence repairs – completed. **Far North District Council Projects** **Resilience projects**: SH1 Otiria Flood Mitigation physical works near completion; SH10 Bushpoint works completed. **Safety projects**: Moerewa Pedestrian Safety raised platform pedestrian crossing awaiting final costings so we can start Physical Works. Kaeo Pedestrian Safety installation completed. **Walking and Cycling Projects**: SH11 Haruru Falls Design – Final design completed and contract about to be awarded. SH12 Omapere to Opononi 3km – Following review Waka Kotahi require design to enable drainage and stormwater installation through township. SH1 Kawakawa Pedestrian Crossing – A preliminary design has been completed for a raised platform. Working with FNDC Innovative Streets Project team. SH1/North Road (Kaitaia) intersection pavement works have been completed. Works continue for footpath realignment and kerb replacement. **Kaipara District Council Projects** **Resilience**: SH12 Oparakau Slip – Building 2 small retaining walls that are scheduled to be completed before year end. SH12 Signs & Delineation West of Maungaturoto complete **Other** Four projects are to be delivered this financial year with signage targeting safety on SH15, SH11, SH10 and SH1 Cape Reinga. Mangamuka Gorge: Work is progressing, but the Gorge remains closed (due to slips from the July 2020 storm). All the downhill piles are now completed at the main Slip 8. Anchors are being installed and final drainage etc in preparation for pavement works. Last minor slip works to start next week and on track to opening for light vehicles on Queens Birthday weekend and project completion at end of June, weather permitting. SH1 Mangamuka Gorge | NZ Transport Agency
SH1: Dome Valley Safety Improvements	$31.7M	Late-2021	Green	Work continues in stages 3 and 5, either side of the Dome peak. This work is planned to be complete late 2021. SH1 Dome Valley | NZ Transport Agency
Northland speed review		2021	Green	Waka Kotahi is continuing its review of speeds in Northland, and is currently in the engagement phase of its review of nine corridors across Northland. From 3 May – 14 June Waka Kotahi is actively seeking feedback from local Northland communities to help inform this review. SH10 Awanui to Kaingaroa speed review – Waka Kotahi is finalising the technical aspects of this review, including safety improvements at the Kareponia marae and Mahimaru marae, to help inform its final decision on the proposed speed limits. Speed Review Locations | NZ Transport Agency
SH1 Whangārei to Te Hana - **Whangārei to Port Marsden Highway - NZ Upgrade Programme** - **Port Marsden Highway to Te Hana**		Late – 2027/8	Green	Following significant project development work, Waka Kotahi has recently completed a baseline exercise to provide updated information and a stronger basis for decision-making to Ministers around the scope, cost and schedule of each project within the NZ Upgrade Programme, including Whangarei to Port Marsden Highway. This information has now been provided to the Ministers of Transport and Infrastructure following the completion of the baseline exercise, and Waka Kotahi is awaiting decisions from the Government. Geotech investigations, site walkovers, survey and environmental monitoring are underway. The preferred option will be confirmed by late-2021, through the development of the Single Stage Business Case (SSBC).

Activity	2018-21 NLTP	Completion	Progress	Commentary
				Lodgement of Notice of Requirement and resource consents is currently programmed for early-2022, with construction programmed to commence in late-2023/24. The Port Marsden Highway to Te Hana section is not funded by the NZ Upgrade Programme and therefore funding is required to complete the SSBC. Whangarei to Te Hana | NZ Transport Agency || Whangarei to Port Marsden Highway
SH1 Whangārei to Wellsford Standard Safety Intervention (Road to Zero)	$4M	Underway	Green	Pre-implementation underway for Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford). Some light construction (rumble strips etc) will commence from mid-2021, with main construction expected to commence mid-2022 (subject to funding and approvals). SH1 Whangarei to Wellsford | NZ Transport Agency
SH1 Warkworth to Wellsford		Route protection	Green	On 25 March Auckland Council granted resource consents, subject to conditions, for the Warkworth to Wellsford project. Council has also recommended Waka Kotahi confirm the Warkworth to Wellsford Notice of Requirement (NoR) which will complete the route protection phase for this project and provide long term certainty to the adjacent communities. Waka Kotahi does not anticipate any works on the corridor commencing this decade. The finalisation of the NoR decision and appeal time frames will potentially extend through to June 2021. SH1 Warkworth to Wellsford
SH1 Loop Road Safety improvements	$48.76M	Early 2022	Amber	Road works at Loop Road will pause in May as Waka Kotahi NZ Transport Agency awaits confirmation of the preferred corridor for the Whangārei to Port Marsden Highway four-lane upgrade later this year. Additional design time is required prior to constructing the proposed two-lane bridge for the Loop Road project to ensure the design and location of the bridge can be incorporated into the four-lane upgrade. The Loop Road intersection will continue to operate as a single lane roundabout until a bridge over Otaika Stream is constructed to take the additional southbound lane. Consent hearing for the dual-lane scheme (additional southbound lane and new bridge) was held in March and Council's decision on resource consents, and recommendation of NoR decision, is pending. SH1 Loop Road Safety Improvements | NZ Transport Agency
SH10 Kaeo bridge	$32.6M	Late 2022	Amber	Additional funding has been confirmed. Negotiations with contractors are continuing before construction can commence. Kaeo Bridge | NZ Transport Agency
SH10 Waipapa corridor improvements	$24.5M	Early 2021	Green	Most works (roundabout, SH10, Waipapa Road and Skippers Lane) for this project are complete. We are working with local hapū on cultural design elements. Construction of a bridge over the Whiriwhiritoa Stream is nearing completion. Work is progressing on the new carpark at the end of Waipapa Loop Road. Completion date for this project is scheduled for June 2021. SH10 Waipapa Corridor Improvements | NZ Transport Agency
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	$6M	Mid 2021	Green	Traffic flowing through operating roundabout. Construction of retaining wall making good progress, with manufacture of carved panels underway. Other cultural design elements (pou, kōhatu) have been discussed and planned with local iwi.
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	$15M	Mid 2021	Green	Roundabout now operating. Majority of asphalting has been completed. We are working with local hapū on cultural design elements. Construction scheduled for completion by May 2021.
SH12 Rawene Road intersection improvements (NZ Upgrade Programme)	$0.5M	May 2021	Green	Construction of safety improvement in progress.

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 April, Far North Waters experienced no LTIs or MTIs, and is currently operating with 1,311 days LTI free.
- 414 requests for service (RFS) call outs in April, down from 427 in March, and up from 328 in February.
- New organisation structure is in place since mid-April, with a dedicated team for Water & Wastewater Process in charge of the Treatment plants, a team for Operations & Maintenance, including Wastewater complex assets (pump stations) and a team for Water reticulation.
- There is a new way of reporting our RFS Alliance KPIs in a new format

OPERATIONS & MAINTENANCE

- Following an electrical shock incident in March at Pump Station 13, Mangonui, all Pump Stations along the East Coast have been reviewed and a plan for upgrade has been shared with FNDC.
- Lonely Valley Pump Station – investigation is complete, report sent to FNDC for review.
- Cemetery Rawene – leak repaired on the main water line.
- In Paihia, before ANZAC weekend – large water leak was repaired at Joyces Road reinstatement and the following day at Puketona Rd/Haruru Falls intersection there was a significant leak. These were both due to damage by the optic fibre contractor.

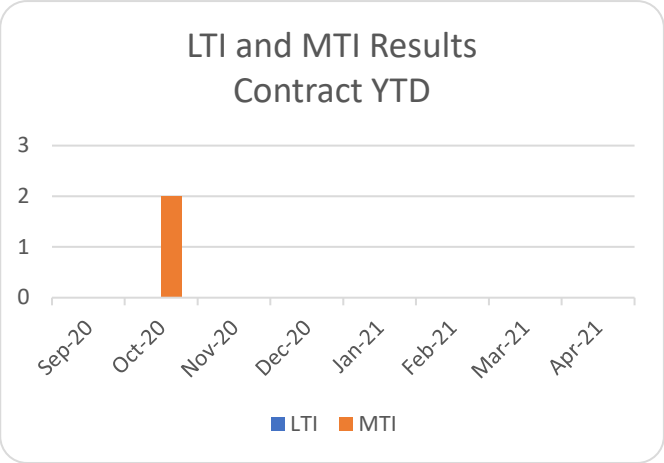
WATER & WASTEWATER PROCESS

- Russell Monitoring Bores – access to the 52 bores in the 34 Ha block forest is resolved. Robotech has been on site to redesign the driveway. A new vehicle for easy access has been ordered and should be on site by mid-May. Pond is in very poor condition and replacement/repair request has been submitted to FNDC. The grease line on the decant swivel has come loose and needs reattaching – scheduled beginning of May.
- Okaihau WTP new bore – need to monitor for manganese and a request has been, raised with FNDC to design additional inlet works to remove the manganese.
- Wairoro Dam (Kaikohe – Taraire Hill) – has algal bloom outside of DWS criteria. Cleaning is scheduled mid-May.
- Kaitaia WWTP – weed in the ponds #3 – odour complaints resolved with nontoxic chemicals.
- Kaitaia – Sweetwater Bore #1 – mobile treatment unit decommissioned by Watercare mid of April

HEALTH AND SAFETY

- Risks and Opportunities
    - Risk - Wellbeing of staff members physical health
    - Risk - Mobile plant and vehicles VOCs
    - Risk - Non-electrical workers accessing electrical cabinets - toolbox meetings

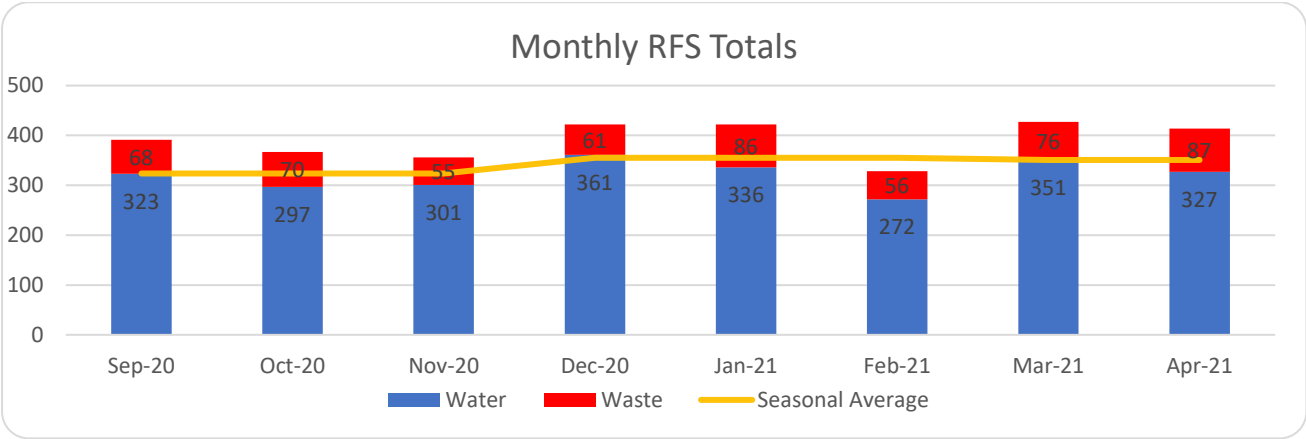
- Key Activities:
  - HSE Field staff meeting scheduled 08th April
  - Regional HSE meeting scheduled 27th April
  - Hep A&B vaccination program (blood tests - Ongoing)

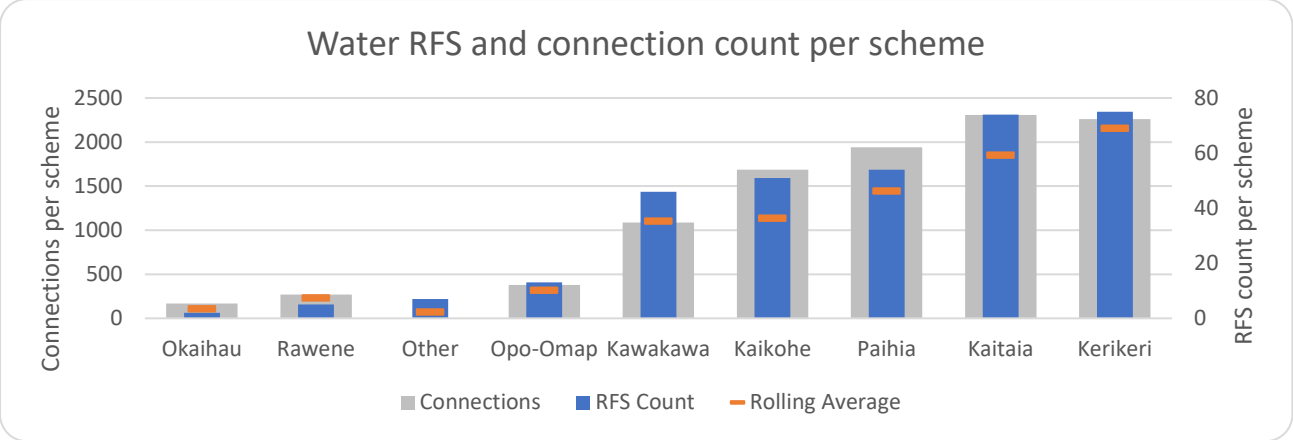


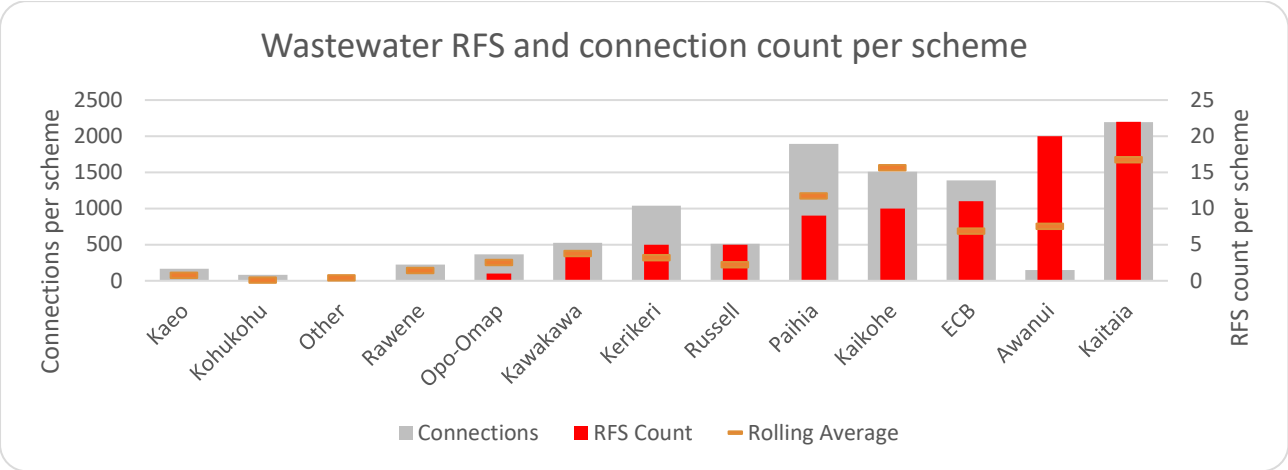
Incident ID	Incident Date	Incident Type	Severity	Description
BRS-INC189308	28/Apr/2021	Close Call	Low 4	While lifting pump from manhole, the galvanised chain snapped, and the pump dropped to the bottom of the well.
BRS-INC189158	19/Apr/2021	Non-Work Related	Low 4	Non-work-related injury aggravated at work
BRS-INC189077	13/Apr/2021	Security	Moderate 6	External single door of an unmonitored consignment storeroom forced open by unknown intruder. Exact time of incident unknown.
BRS-INC188976	06/Apr/2021	Asset Strike	Moderate 6	Digging sewer line in bush and hit 50 pair telecom cable. Cable was not marked and was located directly above power.

CUSTOMERS

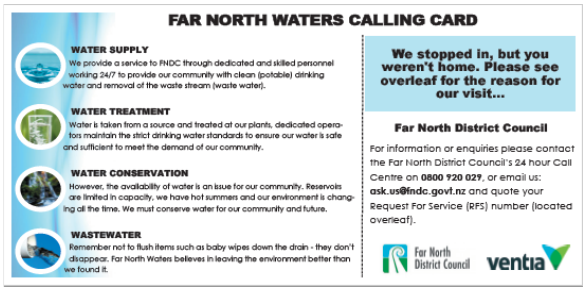
The request for service (RFS) total for April was 414, down from 427 in March. The total for April 2020 was 199, and April 2019 was 293.







New Calling Cards have been created and have been given to all FNW to leave at homes if the owner is not present or contactable.


FAR NORTH WATERS CALLING CARD

WATER SUPPLY
We provide a service to FNDC through dedicated and skilled personnel working 24/7 to provide our community with clean (potable) drinking water and removal of the waste stream (waste water).

WATER TREATMENT
Water is taken from a source and treated at our plants, dedicated operators maintain the strict drinking water standards to ensure our water is safe and sufficient to meet the demand of our community.

WATER CONSERVATION
However, the availability of water is an issue for our community. Reservoirs are limited in capacity, we have hot summers and our environment is changing all the time. We must conserve water for our community and future.

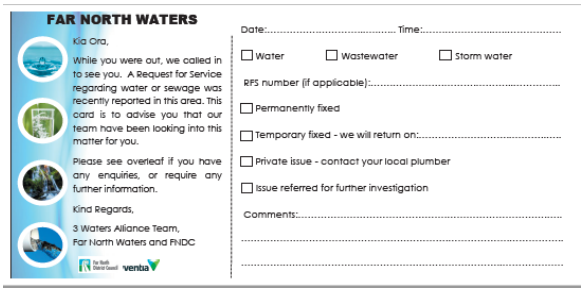
WASTEWATER
Remember not to flush items such as baby wipes down the drain - they don't disappear. Far North Waters believes in leaving the environment better than we found it.

We stopped in, but you weren't home. Please see overleaf for the reason for our visit...

Far North District Council

For information or enquiries please contact the Far North District Council's 24 hour Call Centre on **0800 920 027**, or email us: **ask.us@fndc.govt.nz** and quote your Request For Service (RFS) number (located overleaf).

Far North District Council ventia


FAR NORTH WATERS

Kia Ora,

While you were out, we called in to see you. A Request for Service regarding water or sewage was recently reported in this area. This card is to advise you that our team have been looking into this matter for you.

Please see overleaf if you have any enquiries, or require any further information.

Kind Regards,

3 Waters Alliance Team,
Far North Waters and FNDC

Date:..... Time:.....

☐ Water ☐ Wastewater ☐ Storm water

RFS number (if applicable):.....

☐ Permanently fixed

☐ Temporary fixed - we will return on:.....

☐ Private issue - contact your local plumber

☐ Issue referred for further investigation

Comments:.....

.....

.....

PROJECTS

- The current focus is to continue to complete the work in hand by the end of June 2021, including Stormwater work.
- Pricing is underway for the changes to the Kaitaia Plant in preparation of the new waterline from the Sweetwater Bore.
- A program has been developed for the 2020-2021 schedule of work with a value of $2,219,516.00. Other work will be required to meet targets.

Current focus:

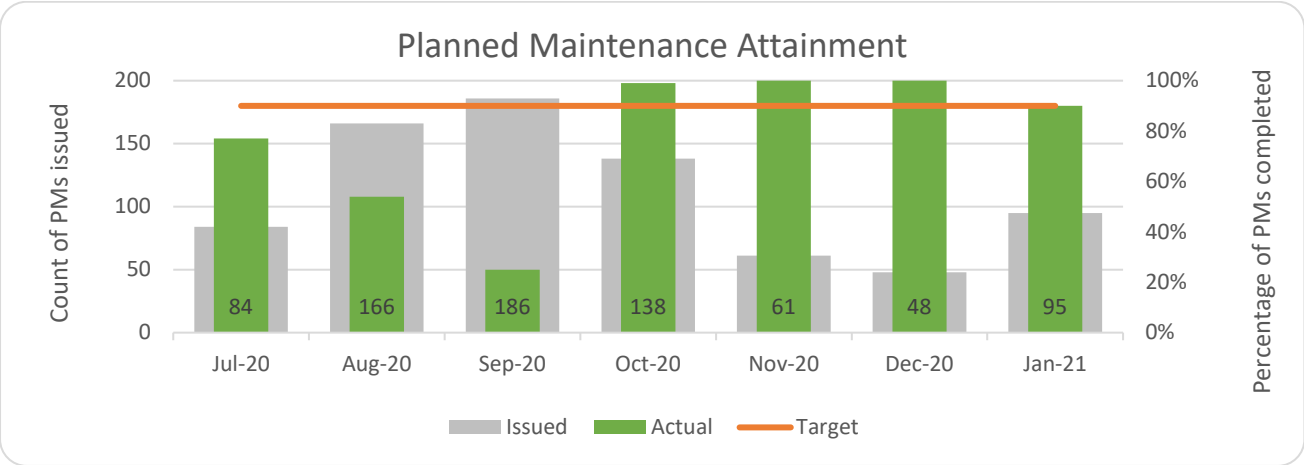
- Kaitaia Te Maire Avenue – pressure testing to complete and claim issues to resolve

- Pump station upgrades – four remaining pump stations to be upgraded
- Waipapa laterals
- Kawakawa Creek repairs
- Kaitaia Zonal Meters
- Water meter replacements
- Valve Inspections
- Kaitaia and Opononi: Location Compliance Certification (LCC) is on going
- Taraire Hills Bund replacement

Rawene Sewer Installation

ASSETS

Planned Maintenance for the month of April was completed. More detailed reporting to be included next month.



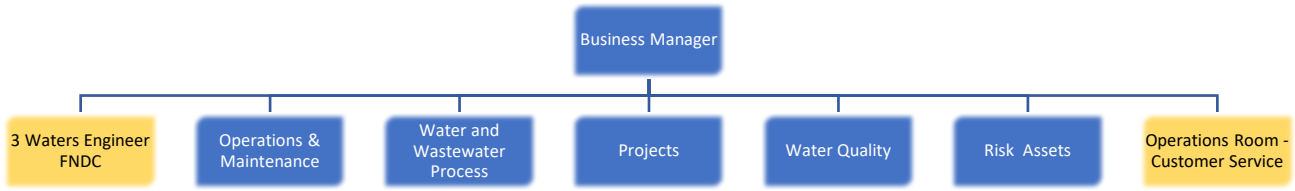
COMPLIANCE

Sites	Asset Group	April Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Ahipara				●	Condition 10 - Faecal Coliforms Condition 2	• An analysis and recommendation report of the inter stage testing has been commissioned and sent to NRC.
Kaikohe				●	Condition 7(h) - E.coli	
Opononi				●	Condition 19 - TAN, E.Coli	• An issues and options report is being commissioned by FNW Process Engineer and will be sent to NRC upon completion. • DWF Status: Compliant
Russell				●	Condition 9 – infiltration efficiency report Condition 8 – land instability	• Infiltration efficiency and land stability reports commissioned and will be sent to NRC upon completion.
Whatuwhiwhi				●	Condition 8 – TSS	• To assist in the mitigation of TSS (algae biomass), FNW and FNDC are in discussions with regards to prioritising desludging. • DWF Status: Compliant

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

FAR NORTH WATERS NEW ORGANISATIONAL CHART

As of April 2021.



DIA REPORT

DIA - FNDC Report

Date Range: April 2021

Report Ran: 5/05/2021 17:30

Sewerage Overflows Attend / Resolve KPI DIA/LTP/Alliance	Water Urgent Attend/Resolve KPI DIA/LTP/Alliance
Total Sewerage Overflow Submissions	"Water-Urgent" Submissions
10	1
Median Attend Time (Hours) DIA 6 (22a) LTP 3.1.3 TARGET <= 2hrs	Median Attend Time (Hours) DIA 3a (30a) LTP 2.1.3 Target <= 2hrs
0.87	0.02
Median Resolve Time (Hours) DIA 7 (22b) LTP 3.1.3 TARGET <= 4hrs	Median Resolve Time (Hours) DIA 3b (30b) LTP 2.1.3 Target <= 4hrs
2.28	1.13
Sewerage Overflows Attend / Resolve KPI % LTP/Alliance	
Attend KPI Met (%) LTP 3.1.5 Target >= 95%	
90	
Resolve KPI Met (%) LTP 3.1.5 Target >= 95%	
90	
Sewerage Non-Urgent Attend/Resolve KPI Alliance	**Water Non-Urgent Attend/Resolve KPI DIA/LTP/Alliance**
Total "Sewer Non-Urgent" Submissions	"Water Non-Urgent" Submissions
26	104
Sewer Non-Urgent Median Attend Time (Hours) Target <= 24hrs	Median Attend Time (Hours) DIA 3c (30c) LTP 2.1.3 Target <= 48hrs
2.14	25.03
Sewer Non-Urgent Median Resolve Time (Hours) Target <= 48hrs	Median Resolve Time (Hours) DIA 3d (30d) LTP 2.1.3 Target <= 72hrs
3.95	30.38
Dry Weather Overflows per 1000 Connections DIA/LTP/Alliance	**Water Other - Water Connections Alliance**
No of Dry Weather Overflows	"Water Other" Submission Connections Only
0	2
Dry Weather Overflows per 1000 Connections DIA a (20) LTP 3.1.1 Target <= 12/annum	Water Other Resolve Time (Hours) Connections Only Target <= 24hrs
0	219.31
Sewerage Customer Satisfaction KPI DIA/LTP/Alliance	**Water Customer Satisfaction (Quality/Continunity of Supply) DIA/LTP**
No of Sewerage Faults/Complaints	Water Quality/Continuity Faults
39	16
Complaints per 1000 Connections DIA 8 (23) LTP 3.1.4 Target <= 150/annum	Total Water Quality Faults per 1000 DIA 4 LTP 2.1.4 Target <=100/annum
3.36	1.57
RFSs Processed in Perios Selected in Dashboard Filter	
294	