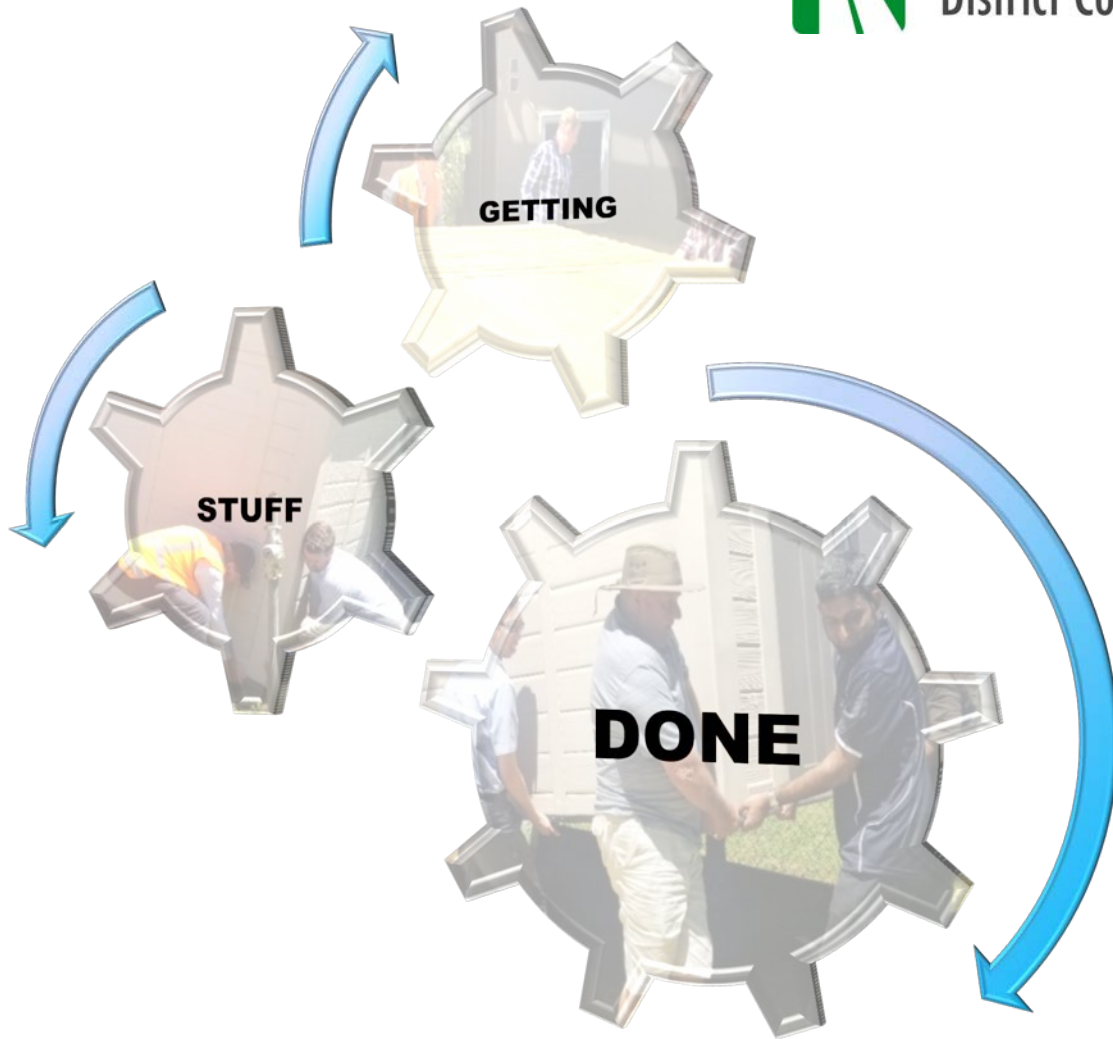




Far North
District Council



Infrastructure and Asset Management

Monthly Business Report

OCTOBER 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.

3 Waters

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

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.

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.

Customer Experience

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

Getting Stuff Done

Roading

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

Infrastructure Planning

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

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.

Civil Defence

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

Programme Darwin

To lead best practice enterprise asset management in New Zealand.

CONTENTS

SUCSESSES	4
CAPITAL SPEND ANALYSIS.....	5
TRANSPORTATION	8
PROJECT DELIVERY.....	14
ENGINEERING STANDARDS.....	29
PROGRAMME DARWIN.....	33
INFRASTRUCTURE PLANNING.....	36
INFRASTRUCTURE COMPLIANCE	40
ASSET MANAGEMENT	43
DISTRICT FACILITIES.....	45
PROVINCIAL GROWTH FUND (PGF) ROADING	60
TE HIKU O TE IKA REVIATLISATION	65
CIVIL DEFENSE EMERGENCY MANAGEMENT	74
APPENDICES.....	76
DIA FUNDED PROGRAMME	77
SOCIAL PROCUREMENT	78
FNDC 20/21 CAPTIAL AND RENEWAL PROGRAMME UPDATED.....	85
VENTIA – CONTRACT 7/18/101 ROAD MAINTENANCE AND RENEWALS - MONTHLY REPORT.....	86
FULTON HOGAN - NORTH AREA MAINTENANCE NETWORK CONTRACT 7/18/100 MONTHLY REPORT	98
NORTHLAND ACTIVITY UPDATE.....	106
3 WATERS OPERATIONS	108

SUCSESSES

TRANSPORTATION

To: Aram

Subject: RE: Aram Goes - FNDC Maintenance & Operations Manager - Russell

Hi Aram,

It's been raining all day, the road works up on Queens Way have been successful, both the widening of the road and the tarseal lip curb, its directing the water flow away from Bryce's property so our property is now able to handle normal rain levels. The drains are all unblocked so the captured water is flowing down towards the lower catchment area on Long Beach road.

So in summary, you have made Bryce a happy man and we are no longer flooding from water coming over his property onto ours. Thanks very much for doing what you said you would do in the timeline you stated, I appreciate the council finally listening and resolving this issue.

Drop in for a beer next time you're in the neighbour

With Best Regards,

Mark

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

as at 31-Oct-2021

LTP Group	YTD (\$000's)	Commitments	Full Year (\$000's)							
	YTD Actual		LTP Budget	Carry Forward Budget	Total Annual Budget	Actual vs Budget %	Total Annual Forecast	Actual vs Forecast %	Forecast vs Budget %	Forecast vs Budget Variance
District Facilities	1,615	3,044	18,730	5,509	24,238	6.7%	24,246	6.7%	100%	7
Wastewater	289	804	13,047	1,926	14,973	1.9%	14,972	1.9%	100%	(0)
Water Supply	223	1,024	6,722	907	7,629	2.9%	7,629	2.9%	100%	0
Stormwater	104	169	3,672	311	3,983	2.6%	3,983	2.6%	100%	0
Solid Waste	64	59	767	155	922	7.0%	807	8.0%	87%	(116)
Project Delivery Team Subtotal	2,296	5,100	42,937	8,808	51,745	4.4%	51,637	4.4%	100%	(108)
Roading & Footpaths	3,013	11,731	1,700	4,177	5,877	51.3%	5,927	50.8%	101%	50
IAM Total	5,310	16,831	44,637	12,985	57,622	9.2%	57,564	9.2%	100%	(58)
Environmental Management	55	7	28	0	28	196.9%	28	196.9%	100%	0
Governance & Strategic Administration	355	915	3,407	1,942	5,349	6.6%	5,229	6.8%	98%	(120)
Customer Services	115	519	993	906	1,899	6.0%	1,967	5.8%	104%	68
Strategic Planning	0	0	0	0	0	0.0%	120	0.0%	0%	120
Other Total	525	1,441	4,428	2,848	7,276	7.2%	7,344	7.1%	101%	68
Sub Total	5,834	18,272	49,065	15,833	64,898	9.0%	64,908	9.0%	100%	10
DIA Projects										
Water Supply	3,426	9,273	4,852	8,024	12,876	26.6%	17,667	19.4%	137%	4,792
Wastewater	0	0	0	0	0	0.0%	0	0.0%	0%	0
Stormwater	0	0	0	0	0	0.0%	0	0.0%	0%	0
Total DIA Projects	3,426	9,273	4,852	8,024	12,876	26.6%	17,667	19.4%	137%	4,792
ESEO Projects										
District Facilities	2,797	4,796	44,086	3,098	47,184	5.9%	46,561	6.0%	99%	(623)
Environmental Management	34	44	953	327	1,280	2.6%	1,280	2.6%	100%	0
Roading & Footpaths	1,681	4,592	0	3,105	3,105	54.1%	3,105	54.1%	100%	0
Total ESEO Projects	4,512	9,432	45,040	6,529	51,569	8.7%	50,946	8.9%	99%	(623)
Total	13,772	36,977	98,957	30,386	129,343	10.6%	133,521	10.3%	103%	4,178

Comments:

The 'Total Annual Forecast' is what is expected to be spent by 30 June 2022.

The above completion % are based solely on the actual spend to 31 October 2021.

The picture below indicates the position if the commitments that are still to be completed are included in the calculations.

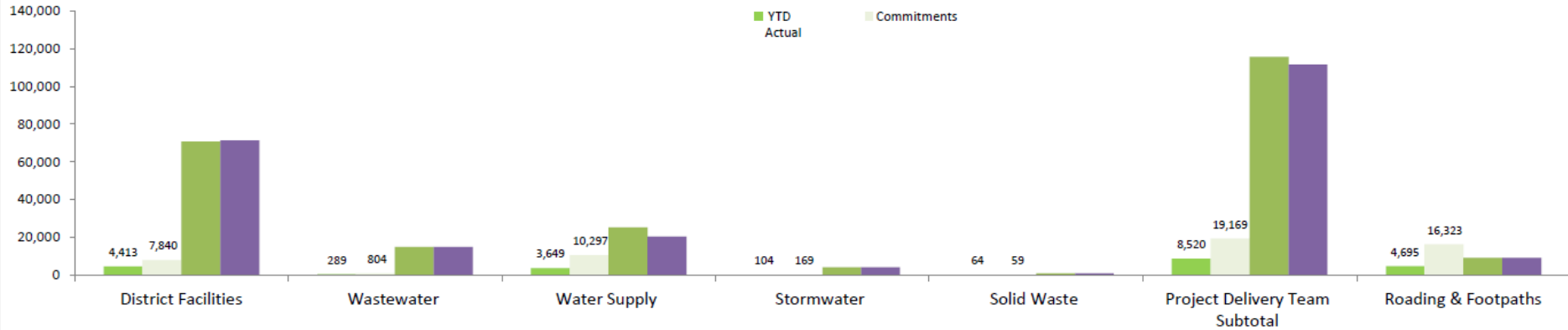
Capital Spend Analysis

as at 31-October-2021

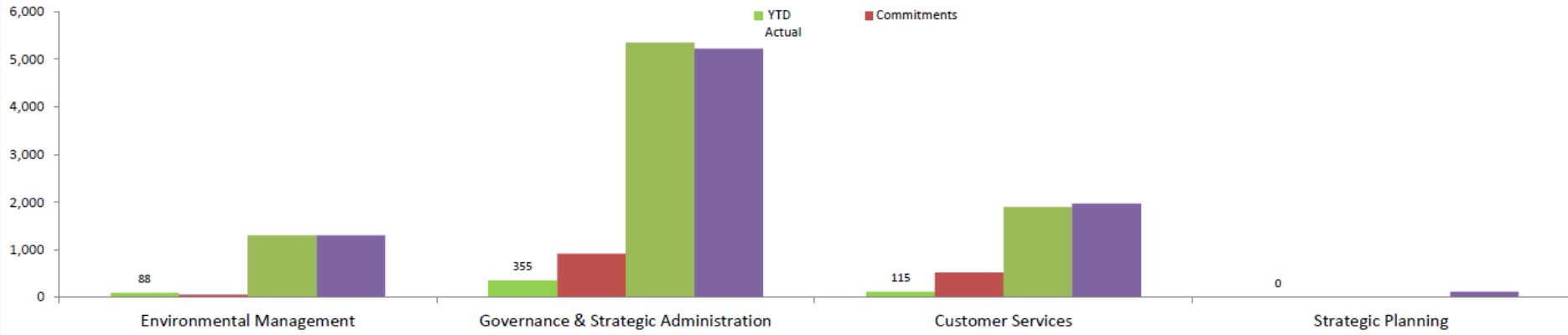
Actual +
commitments
against total
forecast
budget

LTP Group	YTD Actual (%)
District Facilities	19.2%
Wastewater	7.3%
Water Supply	16.3%
Stormwater	6.9%
Solid Waste	15.3%
Project Delivery Team Subtotal	14.3%
Roading & Footpaths	248.8%
IAM Total	38.5%
Environmental Management	223.1%
Governance & Strategic Administrative	24.3%
Customer Services	32.2%
Strategic Planning	0.0%
Other Total	26.8%
Sub Total	37.1%
DIA Projects	
Water Supply	71.9%
Wastewater	#DIV/0!
Stormwater	#DIV/0!
Total DIA Projects	71.9%
ESEO Projects	
District Facilities	16.3%
Environmental Management	6.1%
Roading & Footpaths	202.0%
Total ESEO Projects	27.4%
Total	38.0%

Capital Spend Analysis - IAM



Capital Spend Analysis - Other



TRANSPORTATION

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

EXECUTIVE SUMMARY

Analysis has been completed on the outcomes and impacts of the 2021/24 NLTP funding, with a paper outlining funding outcomes, options and associated recommendations to be presented to Council for consideration and decisions on 4th November 2021.

The volume of Development Applications received by the Road Safety and Traffic Planning team remained relatively consistent (39 vs. 12 month rolling average of 34), with 33 applications processed. Due to the combination of high volumes and staff vacancies over the past 3-4 months approximately 40 consent applications remain as requiring review however it is anticipated that with the newly recruited Senior Development Engineer – Transportation (Elizabeth Stacey) commencing on 18th October, this will assist in clearing the backlog.

While work continues with known approved projects, the Capital Works team are presently awaiting the outcomes of Council's NLTP funding allocation decision (4th November) to enable final scheduling and delivery timings of activities approved within the 3-year (2021/24) delivery programme.

The formal performance review, covering the first three years of the Contract, of all five Regional Maintenance, Operations and Renewals (MO&R) contracts, was presented to FNDC Infrastructure Committee in October. Committee accepted the report and the associated recommendation to award separable portion 2 (2-year extension of July 2022 – June 2024) has been endorsed and referred to Council for final approval on 4th November 2022.

This summers Unsealed Dust Suppression (UDS) program is presently being finalised, with the current schedule of works including up to 50 roads, with more than 140 individual treatment lengths, across the Far North district, totalling in excess of 33km of road surface receiving treatment

Hokianga ferry operations had an added operational complication, crossing between alert levels 2 and 3 during the period when the northern part of the Far North District was in level 3. Ferry operations continued during this period with close consultation between key stakeholders (FDNC, Ferry Operator, Police, Hokianga Health) maintained to ensure safe and continuous operation of this essential community service link. Consistent with previous operations, to mitigate H&S risks, fares were not collected during Alert Level 3.

Customer Interaction numbers increased in October (434 vs. 309 in September) with the category of 'Potholes, Edge Breaks, Corrugations' remaining as the single largest number of requests, noting that the number in this category has lowered (28% of all requests in October vs. previous peak levels of 38%). The cross-department project to review the customer experience process was restarted this month following several postponements due to differing Alert Levels.

2021/24 AMP DEVELOPMENT PROGRESS

Following the announcement of the final NLTP outcomes on Tuesday 7th September 2021, the NTA Asset

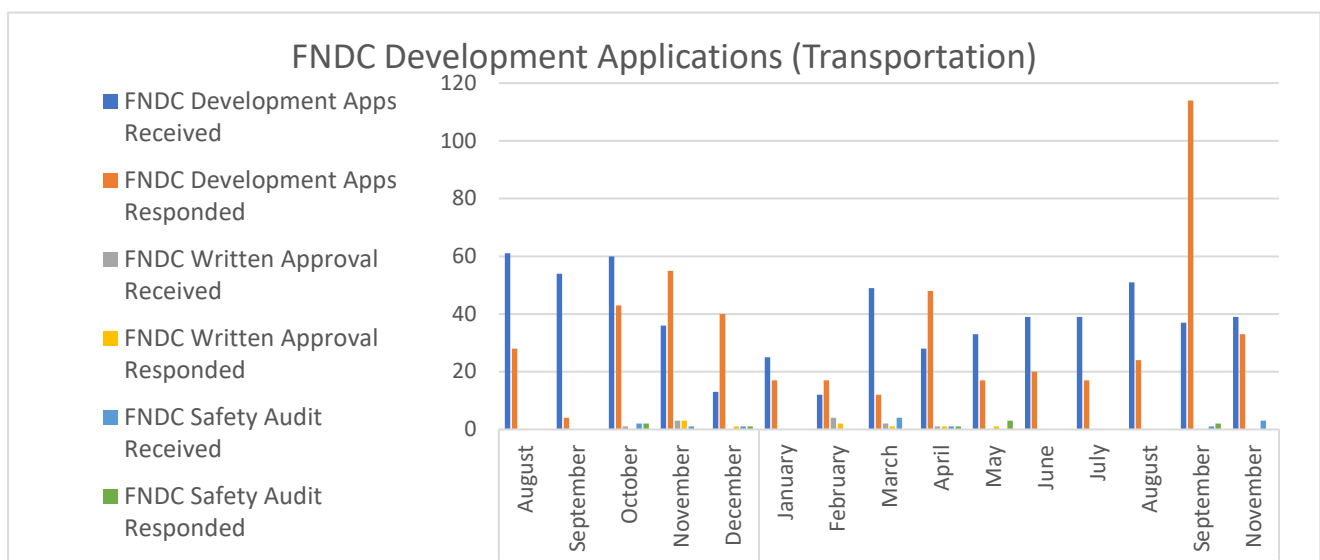
Management team have undertaken an impact an options assessment in comparison to the original Activity Management Plan (AMP) and Council LTP proposals, with staff remaining confident that, while approved funding remains less than the originally submitted AMP and associated funding request, the confirmed funding for Maintenance Operations and Renewals (MO&R) is greater than what was indicated by Waka Kotahi in May 2021 and should allow for not only a continuation of maintaining Levels of Service but also, in specific targeted areas, the opportunity to implement key improvement strategies and interventions.

A paper outlining funding outcomes, options and associated recommendations is to be presented to Council for consideration and decisions on 4th November 2021.

DEVELOPMENT APPLICATIONS (Transportation)

The table & graph below provides information on the volume of development applications received for transportation assessment over the past 12 months. 39 applications plus 3 safety audits were received in the month of October, with 33 able to be processed by the Road Safety and Traffic Engineering Team during the month. There remain approximately 40 FNDC consents that are yet to be allocated, noting that by the time these applications are received for comment, they are likely to be already nearing or past their 20-day allocation. As a result, November is likely to be a busy month with resources to be prioritised to assessing these applications.

		FNDC					
		Development Apps		Written Approval		Safety Audit	
		Received	Responded	Received	Responded	Received	Responded
Year 2020	November	36	55	3	3	1	0
	December	13	40	0	1	1	1
Year 2021	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
	May	33	17	0	1	0	3
	June	39	20	0	0	0	0
	July	39	17	0	0	0	0
	August	51	24	0	0	0	0
	September	37	114	0	0	1	2
	October	39	33	0	0	3	0
TOTAL		401	414	10	9	11	7



FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

While work continues with known approved projects, the Capital Works team are presently awaiting the outcomes of Council's NLTP funding allocation decision (4th November) to enable final scheduling and delivery timings of activities approved within the 3-year (2021/24) delivery programme. Updates on significant projects currently underway is provided below with full reporting of project delivery progress and risk will be re-implemented post-confirmation of the programme.

Category	Location	Monthly Status Update	Next months expected status
322 Replacement of Bridge Structures	West Coast Road	Construction underway	Construction underway
341 LCLR - Resilience	Powell Road RP209	Construction underway	Construction completion
Cycle Facilities - Unsubsidised	Pou Herenga Tai Cycle Trail NZ Heritage	Project on hold while stakeholders agree Pou installation locations	Project on hold while stakeholders agree Pou installation locations.
Walking Facilities - Unsubsidised	Footpath Loop Te Ahu - Te Hiku Sports Hub	Physical works Tender Evaluation complete	Contract award / approval

FNDC's PGF funded seal extension works continue, with delivery fast-tracked through the Maintenance & Renewal Contracts with significant progress made to date. All site investigation, testing and designs have been completed for Ngapipito Rd (4.8km), Peria Rd (5.5km), and Ruapekapeka Rd (5.5km).

- Peria Rd is 95% complete and due for completion late November.
- Ngapipito is on track for completion before Christmas.
- Ruapekapeka Rd is broken into 2 stages:
 - The short 600m length from Monument Rd intersection towards Kawakawa due for completion before Christmas and
 - The 4.5km length from SH1 to Monument Rd is a separate Contract (awarded to United Civil Construction Ltd, aiming to complete the seal extension before 30 April 2022).

FNDC also has TIF Project approved to seal the 950m of Bayly Rd to the Waitangi Mountain Bike Park entrance, with this project on track for completion before 31 March 2022.

FNDCs non-subsidised seal extension projects are awaiting design briefs to be submitted for the Capital Works Project team to commence site investigations & testing for designs and pricing. Unahi Rd sealing to the wharf is also awaiting a project brief.

During October the NTA Capital works team facilitated an agreement between Whangarei and Far North District Council management related to the FNDC Puhata Road Bridge replacement project. As part of the WDC annual bridge programme the Waitio bridge was replaced. The old bridge was removed with the intent of being disposed of. An opportunity was identified by the NTA bridge consultant (WSP) who currently provide services for both WDC and FNDC bridge programmes.

While the bridge was deemed to be redundant due to the beams being badly corroded on both ends for this specific location it was noted if these sections were removed the bridge could be used at a possible alternative location if the correct condition could be found. While the forward works programme in the WDC area did not present any possible locations, an opportunity was identified with in FNDC that met the physical requirements and the low volume use requirement. Puhata Road Bridge No. D50 is in the Far North District on a small service lane that spurs off Puhata Road, approximately 1600m south-east from the intersection between Puhata Road and Whangape Road

A potential saving of approximately \$50k has been identified when re using this bridge instead of building from new. As such, reuse of the existing bridge is deemed to be a suitable option that not only will save

both councils money, but also represents a more environmentally sustainable choice. It will also demonstrate council's support on the aim of New Zealand's Waste Minimisation Act 2008, Climate Change Response (Zero Carbon) Amendment Act 2019 and Environmental Guardianship (Kaitiakitanga) as outlined below.

- WASTE MINIMISATION - To support suppliers and initiatives to adopt a circular economy approach aimed at minimising waste and making the most of sustainably acquired resources. (Recycle, Upcycle and Reuse).
- NET ZERO CARBON - To seek suppliers, partners, supply-chain models, and innovations which contribute to New Zealand's commitment to the Paris Accord through energy efficiency techniques; renewable energy sources; and reduction or offsetting of carbon emissions.
- ENVIRONMENTAL GUARDIANSHIP - To seek suppliers that value and demonstrate Kaitiakitanga (guardianship) of New Zealand's natural environment and take action to enhance and protect it.

This small initiative represents a great step forward in how we as an organisation look to undertake our work but more importantly how we can through the regional approach make real gains regarding our environmental footprint.

FNDC TRANSPORT MAINTENANCE & OPERATIONS PROGRAMME

The formal performance review, covering the first three years of the Contract, of all five Regional Maintenance, Operations and Renewals (MO&R) contracts, was presented to FNDC Infrastructure Committee in October. Committee accepted the report and the associated recommendation to award separable portion 2 (2-year extension of July 2022 – June 2024) has been endorsed and referred to Council for final approval on 4th November 2022.

This summers Unsealed Dust Suppression (UDS) program is presently being finalised, with the current schedule of works including up to 50 roads, with more than 140 individual treatment lengths, across the Far North district, totalling in excess of 33km of road surface receiving treatment. A typical minimum treatment length is 175m, however can be longer where a series of houses are in close proximity of one-and-other.

In addition, Council is working in partnership with Forestry stakeholders and we will be completing treatment lengths on a hand-full of logging routes. In these instances, Forestry are paying for the cost of the product with Council covering the cost for the application. Any other resident or business is also able to join this program, provided they contact the supplier (Gravelock Ltd) to purchase the product; then Council will add this to the Contract and cover the cost of application.

These works are planned to commence in late November and will be completed before 22 December, with a non-subsidised budget of approx. \$500,000 (ref LTP) and are a continuation of the previous 2020-2021 season's work, being delivered by Gravelock Ltd (Contract # 7/20/209).

HOKIANGA FERRY (KOHU RA TUARUA)

Revenue

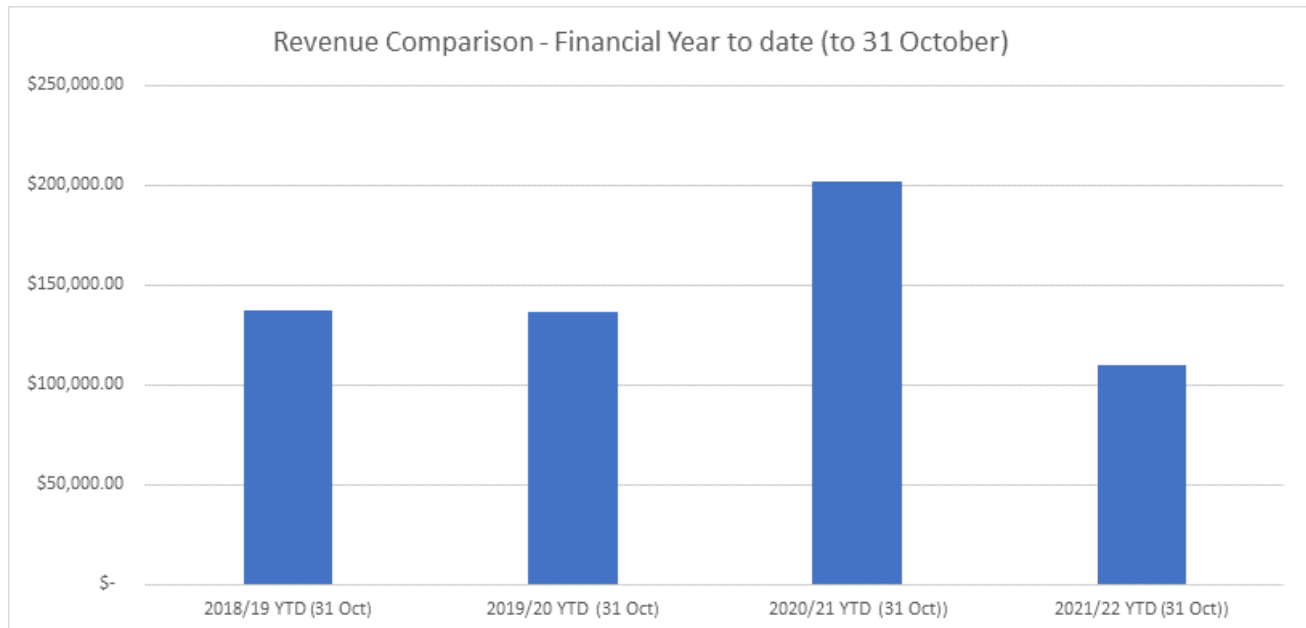
The region spent a significant period of October in escalated Alert Levels, including the added complication of ferry operations crossing between alert levels 2 and 3 during the period when the northern part of the Far North District was in level 3. Ferry operations continued during this period with close consultation between key stakeholders (FDNC, Ferry Operator, Police, Hokianga Health) maintained to ensure safe and continuous operation of this essential community service link.

Consistent with previous operations, to mitigate H&S risks, fares were not collected during Alert Level 3 with this fare collection suspension, combined with the impact of the Auckland border remaining closed, resulting

in a significant reduction in revenue collected for the October period when compared with the same month in 2020, with the operator seeing a similar trend with its own commercial vehicle ferry operation in the Bay of Islands.

October 2021	October 2020
\$18,696.52	\$60,130.61

The graph below provides a comparison of revenue received for the first 4 months of this financial year (to 31 October 2021), comparing the previous 3 years for the same period:



H&S, Risks and Service Information

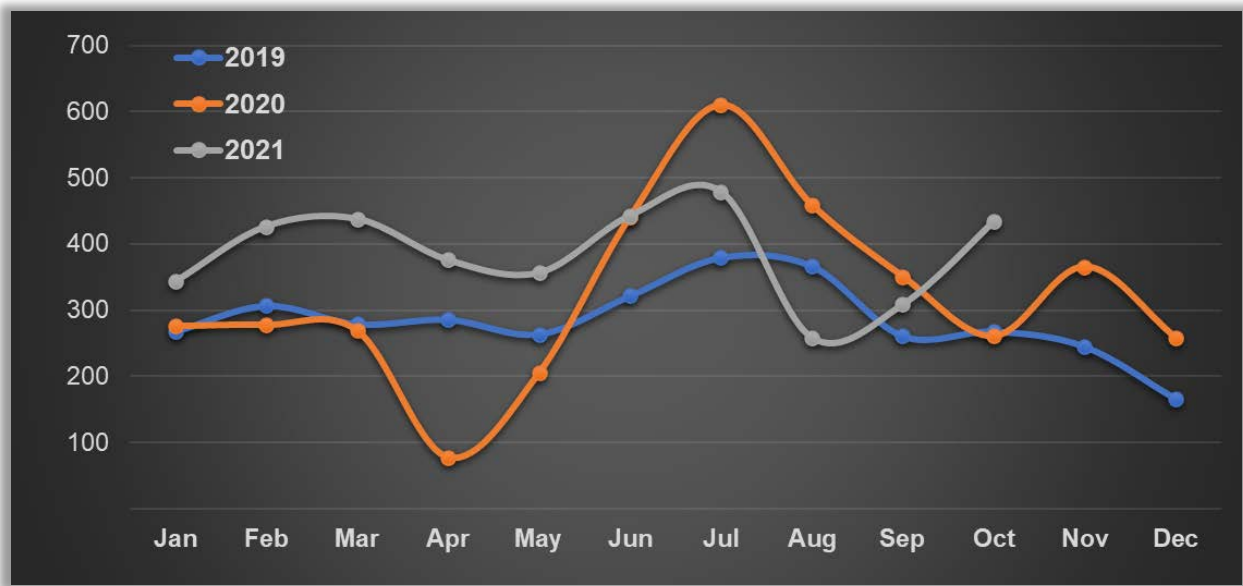
- There were no incidents, accidents or near misses reported for October.
- There were no mechanical or weather-related interruptions to the service during October.
- 98% of scheduled October sailings departed on time.

THE CUSTOMER EXPERIENCE

The cross-department project to review the customer experience process was restarted this month following several postponements due to differing Alert Levels.

Requests for Service

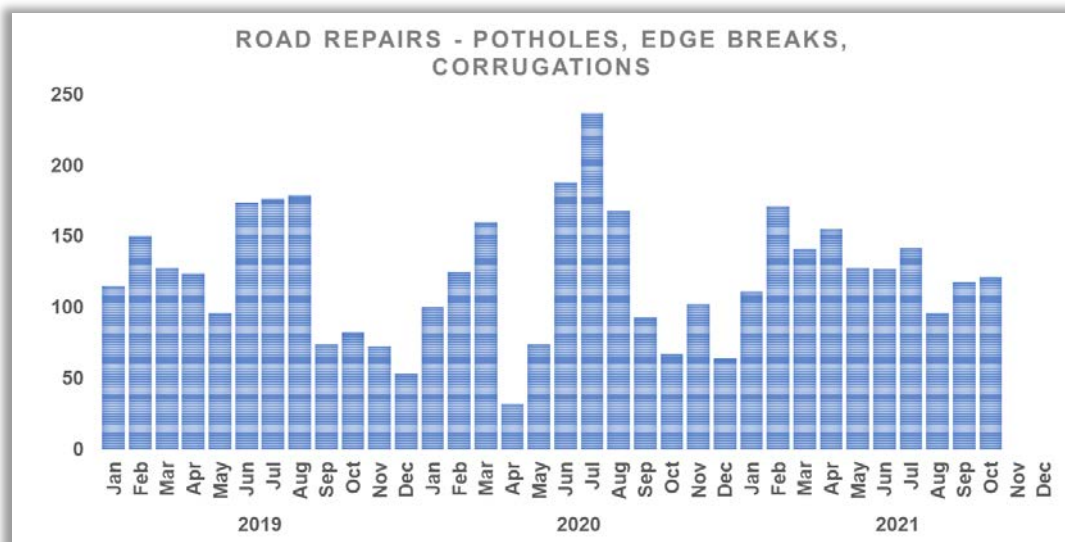
As expected, following the low number of requests in August and September, the number has increased by a third to 434. Reviewing this for the most recent quarter, it is lower than last year but higher than in 2019.



Highest Single Category

As has become the norm, the category of ‘Potholes, Edge Breaks, Corrugations’ remains as the single largest number of requests noting that the number has lowered and stabilised in recent times. During October, this category accounted for 28% of all requests compared to peaks in July 2018 when the overall number formed 38% of total requests.

This tells us that the category is being addressed and the current process is working. However, what the numbers also inform us of, is an increasing trend in other areas. Of note during October was an unusually high (for the time of year) number of requests for drainage. This information allows the team to focus priorities as needed.



Land Information Memorandum (LIM)

This area has started to stabilise back to what could be considered ‘normal’ levels. However, it will continue to be monitored as an early indicator of workloads. Discussions are presently underway to establish the extent of the NTA’s input in this area to ensure the process more visible and appropriately documented.

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 in 2021.

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

Project Phase: Design

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Green	Building Consent Granted 20 th October 2021
Scope	Green	Green	Scope confirmed
Schedule	Green	Green	Schedule confirmed
Cost	Amber	Amber	Updated Elemental Estimate received 5 th October 2021
Project Risk	Amber	Amber	Weather, contractor availability, material availability, Covid-19, removal of existing dwelling and outbuildings from site, security of materials on site.

Monthly Summary:

Building Consent granted 20th October 2021 and received by PM on 1st November 2021, Final Elemental Estimate and Tender Summary received 5th October 2021. Asbestos removal from site to be carried out in November, removal of remaining buildings and clean-up of site delayed due to asbestos removal.

Tender documents being finalised to be uploaded onto GETS on 16th November 2021.

Amended milestone dates sent to MBIE 28th October 2021.

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	Confirmed	Building Consent Granted
Tender Award	Mid-June 2021	Delayed	Tender award expected Early February 2022, Building Consent Granted and Issued, Tender documents being finalised to be uploaded onto GETS 16 th November 2021
Construction	Mid to Late July 2021	Delayed	Construction expected to commence Early March 2022

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,844,061.23	\$40,707.13	\$1,844,061.23

Project Phase: Procurement/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 is completed at Opononi & CCC achieved; Toilet is Operational
	Red	Amber	Waitangi: Private sewer line is old and requires replacement, sourcing financial & legal options to upgrade so we can deliver toilet block. Waitangi Trust believe the cost to upgrade sits entirely with FNDC.
	Green	Amber	Haruru Falls: Construction is completed and handover to operations completed, Toilet is operational
Scope	Green	Green	Waitangi: Scope is clear and approved by Stakeholders Mitimiti: Construction complete. Opononi: Construction complete. Haruru: Construction complete.
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 has also played its part in the programme delays.
Cost	Green	Green	Mitimiti completed within budget, Opononi will follow suit. Haruru Falls will come in under budget, balance will go to Waitangi. 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 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. Waitangi Toilet will require Archaeological monitoring and there is potential for delays during the construction programme at this known historical site. Services connections at Waitangi look problematic and will be costly to resolve.

Monthly Summary:

Waitangi – Tender Documents being drafted for approval – Open Tender on GETS, budget shortfall to address prior to Tendering and issues around sewer line, not ours and we need to assess condition prior to taking over, Hydrotech confirm condition poor and needs replacement, this now needs upgrading. Waitangi Trust cannot contribute to upgrade, which is valued at circa 75k, it will now require further significant funding to bring services to the site which exceeds the available budget.

Key Project Risks		Mitigation of Risk	
Covid 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 – Service Connections		Water, Sewer & Power costs out of line with QS, further budget implications	
Key Project Milestones	Expected	Status	Comment
Waitangi Tender	October 2021		Delayed due to sewer line issues
Project Budget Status			
Approved Budget	Actual Spend to Date	Forecast Total Spend	
\$1,070,000 (combined)	\$829,072.42	\$1,070,000 (combined)	

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Physical Works contract for SP1 was awarded to Ventia and the Contract was signed on 03 June 2021. SP2 Notice to Proceed was issued to Ventia on 06 September 2021. A settlement agreement was signed on 14 June 2021 with Elbury Holdings Limited whereby Elbury Holdings gave consent to the works being undertaken on their land in accordance with the new agreed route. Memorandum of Agreements were signed by the Breretons and Panthers for easements. Easement Agreements to be finalised with Elbury Holdings. Physical Works started by Ventia on 29 July 2021. Extension of Time requested until 02 May 2022 due to Covid Level 4 lockdown delay and increased SP2 project scope.
Scope	Green	Green	Scope was amended to allow for new alignment of pipeline route as SP2.
Schedule	Amber	Amber	Delay in procurement and finalising of pipeline route have delayed the project completion date. Commissioning scheduled for May 2022.
Cost	Green	Green	Estimate at Completion is within approved budget.
Project Risk	Amber	Amber	Easement Agreement with Elbury Holdings. Winter works additional costs and delay of commissioning in time for a potential drought in 2022 remains the biggest risk. Drilling activities and trenching work is SP2 ground conditions. Covid 19 outbreaks and Level Changes – Delay costs and Extension of Time Requests

Monthly Summary:

- History of the COVID-19 Alert System which influenced the Physical Construction activities to date are:
 - 17 August 2021: Northland moved to Alert Level 4 at 11:59pm. All construction activities were stopped.
 - 02 September 2021: Northland moved to Alert Level 3 at 11:59pm. Construction commenced on 05 September 2021.
 - 07 September 2021: Northland moved to Alert Level 2 at 11:59pm.
 - 08 October 2021: Northland moved to Alert Level 3 at 11:59pm.
 - 19 October 2021: Northland moved to Alert Level 2 at 11:59pm.
- Construction works for October 2021 progressed well with approximately 2400m of pipe in-stalled by means of Horizontal Directional Drilling (HDD) along Gill Road. This brings the total installed amount to just over 4400m along Bonnetts Road and Gill Road.
- Works at the bore sites also progressed with all platforms completed at bore site 1 and 2 and the access road between the 2 bore sites are completed up to subgrade level. The 225mm dia PE pipe trenching and pipelaying between the 2 bore sites as well as the geogrid/geotextile/fill through the ecological sensitive area are also completed.
- The cable ducts for the Top Energy power upgrades have been laid from Bird Road to bore site 1. Top Energy have surveyed the overhead line route between the 2 bore sites.
- A Temporary occupation agreement are still to be finalised with NgaiTakoto for the Consent to utilise their boundary track for the purpose of access and pipe laydown and stringing for the construction of the new Kaitaia Water Pipeline.
- Russell Garton of Garton and Associates and Northland Valuers were appointed in parallel to provide a compensation assessment of the required easement over the Elbury Holding Limited property. Elbury Holdings have agreed to access to complete their valuations.

Actions planned for next month:

- Further investigation on a requested pipeline flushing ability at the existing Kaitaia Water Treatment Plant.
- Engagement with Elbury Holdings for easement agreements and construction access.
- Elbury Holdings power supply detail design by Top Energy.
- Sweetwater Borehole Site Works – Access Road completion, fabrication of pipework and procurement of containers and electrical equipment.
- Transfer pipeline works - Continue butt welding 315 pipe into strings and HDD installation along Gill Road.
- Open trench pipeline installation on section of the Te Waka Pupuri Putea Trust land between Bonnetts Road and town.
- Fabrication of Bonnetts Road Bridge Steelworks.
- Boreholes trimming platforms and roads geotextile and metal laying. Rock spalls to bore site 2 embankment. Prepare bases for concrete slabs at bore sites 1 and 2.

Key Project Risks	Mitigation of Risk
Covid-19	<ul style="list-style-type: none"> Covid-19 outbreaks reduces the number of available suppliers and has a time delay and cost impact. The contractor must ensure that all Level Protocols are in place and that extra procedures are in place with all sub-contractors and suppliers. Financial impact of Level 4 and Level 3 days.
Water restrictions	<ul style="list-style-type: none"> There is a risk that Council may choose to restrict water for construction purposes during a drought. This is to minimise the reputation risk of the community being under water restrictions and the Contractor using water for drilling purposes.
Property and Easements agreements: Elbury Holdings	<ul style="list-style-type: none"> Continued focus to project team to resolve Meeting with landowners

	<ul style="list-style-type: none"> • Formal process using Local Government Act • Independent Valuers to do valuations 		
Project Completion Date - Not in Time to complete for potential summer drought in 2022. Construction programme for SP1 is 8 months - estimated completion date end of March 2022. Extension of Time Requested until May 2022.	<ul style="list-style-type: none"> • Fast-track scheduling • Tracking long lead items • Allowance to be made for additional emergency supply costs should the pipeline not be ready and Kaitaia experience another drought. Bore to be operational by then. Watercare discussion for temporary WTP. 		
Property Access Management and Stakeholder Management - separate induction requirements and SMP required 3 weeks in advance over Elbury property	<ul style="list-style-type: none"> • Prepare media plan and key messaging • Traffic Management Plan • Site Management Plan to be prepared in advance • Emergency Response Plan • Proper induction from all staff, sub-contractors etc." 		
The top energy provisional estimate for Elbury Holdings has come in at \$140-\$160k	<ul style="list-style-type: none"> • We are working with Top Energy and Elbury Holdings to try and find a value engineering solution. Route and design being finalised. 		
Drilling work through hardpan areas and underneath air strip.	<ul style="list-style-type: none"> • Investigations were done but no drilling was done underneath airstrip. Proposed way forward is to do the actual directional drilling and the manage risks thereafter. 		
Piling for Pipe Bridge. Ventia to place an order for the piling casings before steel prices rise. Risk that the piles may go further than design depths before setting, re-quiring additional lengths of casing.	<ul style="list-style-type: none"> • WSP confirmed testing and that the 62m allowed for does not include for any additional length to account for piles which may go further than design depths. • Design depths are based on results CTP testing. As such there is a risk, all be it low, that the piles may go further than design depths. 		
Key Project Milestones	Expected	Status	Comment
SP2 Works to start	30 November 2021		Contractor requested to start with SP2 on 01 November 2021. 1 Month ahead of baseline programme
Practical completion	22 April 2021	Planned	Revised Baseline Programme submitted after receipt of SP2 design by Ventia. Programme approved by Project Team.
Extension of Time Requested	02 May 2022	In review by ETC and ER	Additional Pipe length in SP2 and Covid Level 3 & 4 delay
Project Budget Status			
Approved Budget		Actual Spend to Date	Forecast Total Spend
\$15,372,350		\$4,009,720	15,354,642

Project Name: Kerikeri WWTP & Reticulation

Project Phase: WWTP Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Plant - The plant is operational, and all documents were handed over to Far North Waters. The reticulation project is complete and Practical Completion was issued 20 August 2021. Handover is partially done to Far North Waters and final inspection and signage is arranged for 12 November 2021.
Scope	Green	Green	Completed
Schedule	Green	Green	Plant - The final completion certificate was issued to Broadspectrum on 23 October 2021 after Defects and Liability periods ended and final inspection completed. Reticulation - Practical Completion Certificate issued. The Defects Liability period for United Civil ends on 20 August 2022.
Cost	Green	Green	Both contracts complete.
Project Risk	Green	Green	Official handover to Far North Waters completed. All defects and contract related issues have been resolved. Feedback from property owners an ongoing risk.

Monthly Summary:

Plant - The plant is operational and all documents were handed over to Far North Waters. Acceptance of the plant by FNW was signed on 1 June 2021. The plant monitoring by Mott MacDonald was completed by end of July 2021. The plant has been performing well and producing compliant effluent from a biological aspect. All Health and Safety and Operational issues are being actioned by FNW. FNW's to ensure plant continues to produce compliant effluent. Final Completion Certificate was issued to Broadspectrum after defects liability period ended on 23 October 2021.

Reticulation - The physical works on the reticulation project is completed and Practical Completion Certificate was issued to United Civil on 20 August 2021. Official Handover of project to FNDC and FNW started on 13 October 2021 and final inspection and signage is scheduled for 12 November 2021.

Key Project Risks	Mitigation of Risk
Reverse sensitivity around new WWTP and infrastructure and adhere to consent conditions	Assess design odour control efficiency during operations. Away from any public activities of properties Managed by FNW
High ongoing operational costs to run plant	Being assessed by FNW to optimise efficiency.
Managing stakeholder expectations and Property Owners Refusing to sign off works	RFS from community are ongoing and critical that all homeowners are satisfied with the reinstatement by contractor on the reticulation project.
Defects to Low Pressure Sewer System	Ongoing operational costs to be managed. Defects period valid until August 2022.

Key Project Milestones	Expected	Status	Comment
Final Completion of Wastewater Reticulation	20/08/22	Pending	Practical Completion issued 20 Aug 2021. Defects Period runs until 20 Aug 2022.
Decommission existing Kerikeri WWTP	tbc	Pending	Budget to be confirmed.

Project Budget Status

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

Project Name: Monument Hill Deep Bore Project

Project Phase: Stage 2 Drilling - Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	<p>The drilling of the production bore and testing was performed to determine the sustainable yield of the bore, and the effects of pumping on the shallow aquifer and springs. A report was submitted by Williamson Water and Land Advisory (WWLA). WWLA completed the modelling and groundwater effects impact. Resource Consent application to be lodged with NRC in November 2021 after consent from Waikotihē Trust. Physical works, Stage 3 design are being done and Procurement Plan will be presented on 15 November to the Procurement Panel.</p> <p>Stage 1: Bore Design and Quality Testing (Complete)</p> <p>Stage 2: Sustainable Yield Assessment & Consenting to provide a sustainable supply of highly secure potable water for the Kaikohe community (In progress. Consent application submission outstanding.)</p> <p>Stage 3: Reticulation and Electrical Design (In progress)</p>
Scope	Green	Green	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. Detail design and scope planning is in progress.
Schedule	Red	Red	Stage 2 to be completed in November 2021. Stage 3 design is in progress and timeline to be determined after feedback on Resource Consent applications. Covid lockdown have delayed the project. Stimulus Grant program scheduled completion extended until June 2022 .
Cost	Green	Green	Project on budget
Project Risk	Amber	Amber	<p>Landowner agreements to be finalised. Sustainable yield delivery of around 350m³/day lower than expected.</p> <p>Consent to be obtained from Waikotihē Trust. Impact of Bore on groundwater was presented to Waikotihē Trust and they have responded with queries/questions. Professional team have address queries and responded to the Trust. Awaiting Meeting date and consent from Waikotihē Trust before consent application can be lodged. Was scheduled for September 2021 but delayed due to Covid restriction levels.</p> <p>Covid Lockdown delaying the project.</p>

Monthly Summary:

FNDC has decided on the preferred pathway with respect to moving the project forward and developing a consenting strategy encompassing the new and the existing bores:

- An increased annual take;
- More resilient bore takes utilising the existing bores and the deeper bore with summer/winter usage; and
- With minimal impact on the spring flows.

The project team is in process to arrange a follow up meeting with the Waikotihē Trust to explain the modelling that was done and the way forward. The meeting will occur once Northland moves to Level 2.

Detailed design for stage 3 is now underway and the Procurement Plan is going to the Panel on 15 November 2021. 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 are required to deal with the new flows and treatment regime. While this planning is in process, the timeline will be determined after feedback on Resource Consent applications.

Key Project Risks	Mitigation of Risk
Consent from Waikotihē Trust to proceed with application and permanent works - Impact of Bore on groundwater might restrict project.	Waikotihē Trust relationship to be monitored. Meeting to be held as soon as Northland moves to Level 2.
Land agreements to be finalised	Conditions and expectations from Landowner are being assessed by FNDC.
Water Quantity	The sustainable yield from new bore determined to be around 350m ³ /day. This is lower than expected.
Water Quality	WWLA 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	Amendment to existing Water Treatment Plan and electrical requirements to new setup remains a cost and timing risk. Detail design is in progress.
Delay for Resource Consent outcome and complete project before summer 2022	Detailed programme to be compiled. Awaiting Waikotihē consent before we can apply. Budget availability from 3 Water Resilience programme

Key Project Milestones	Expected	Status	Comment
WWLA to lodge the resource consent application after receiving the consent from the Waikotihē Trust	End of November 2021	Pending	Delayed because of Covid restrictions. Results to be discussed with the Waikotihē Trust.
Presenting of test results to Waikotihē Trust	November 2021	Pending	Pathway decided by FNDC. Meeting with Waikotihē Trust further delayed due to lockdown.
Resource Consent outcome	8 to 12 weeks after submission (Extended until end of Feb 2022)		On the assumption that it will be a non-Notified application. Delayed by six months

Further milestones to be determined after outcome of Resource Consent outcome.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1 180 000	\$360 000.00	\$1 180 000

Project Name: Paihia WWTP Upgrade - Alkalinity Adjustment Project

Project Phase: Planning and Design – Chemical Dosing

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Project is completed
Scope	Green	Green	A review with Operations confirms a chute is not required
Schedule	Amber	Green	Complete
Cost	Green	Green	Below required budget
Project Risk	Green	Green	All conditions have been met

Monthly Summary:

A review meeting with operations has confirmed, construction of a manual dosing chute is not required. A change in the dosing location removes this requirement.

Accomplishments:

Review meeting with operations

Expected Accomplishments:

Complete

Key Project Risks

Breach of consent conditions because of the low alkalinity

Mitigation of Risk

Continue manual hand dosing Sodium Bicarbonate in the pond

Land Stakeholder Engagement and Approval (Tangata Whenua).

Continuous engagement and involvement

Key Project Milestones	Expected	Status	Comment
Draft Design Complete	Oct 2021	NA	No longer required
Consultation Completed with Operations	Oct 2021	Oct 2021	Completed
Fabrication Complete	Nov 2021	NA	No longer required
Installation Completed	Dec 2021	NA	No longer required
Completion Certificate Issued	Dec 2021	NA	No longer required

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$112,000.00	\$0	\$112,000.00

Project Phase: Pre-Implementation of Stage 2

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	All physical work completed, and land has been acquired and process finalised. Easement to be finalised
Scope	Green	Green	Completed
Schedule	Green	Green	Completed
Cost	Green	Green	Completed within budget
Project Risk	Green	Green	None

Monthly Summary:

All physical work completed. The Gazette notice for the acquisition of the land around the bore has now been registered and new title has been issued in the name of council. The easements have all been registered.

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.

Key Project Milestones	Expected	Status	Comment
Project Completed			

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 as well as budget constraints.
Schedule	Amber	Amber	Currently the project is tracking slightly behind the original programme, this is due previously mentioned delays and some further planning delays. Resource consent has been submitted. Data collection is underway for the advancement of the developed design. Detail design to begin in NOV and finish in FEB ready for receipt of RC and construction to begin than.
Cost	Amber	Amber	Stage 1 has been agreed with working group and will be further validated by Council in December. We have
Project Risk	Amber	Amber	<ul style="list-style-type: none"> Resource Consent processing times Meeting procurement objectives results in a longer procurement process. Covid 19 Delays

Monthly Summary:

Resource consent has been submitted.

Data collection is underway for the advancement of the developed design. Detail design to begin in NOV and finish in FEB ready for receipt of RC and construction to begin than.

Monthly Highlights:

SH10 works well underway with a view to be completed by DEC 21.

- Direct engagement with stakeholders to inform plan changes and resource consent documentation
- An update to the website has been made following feedback from the Working Group
- Signage brief received.

Key Project Risks	Mitigation of Risk
Potential Notifiable Resource Consent	Value Engineering during design
Design decisions	Continued 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	Jul 2021 – Nov 2021	Planning	Pre-app meeting held. S92 items identified. RC will be notified consent
Concept Design	Jan 2021	Completed	
Developed Design	Nov-Feb 2022	Underway	
Detailed Design	Feb 2022 – March 2022		
Procurement	Nov 2021		
Construction	May 2022		

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$8.8	\$1.1m	\$8.8

Project Name: Kerikeri Domain Revitalisation

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	<p>Project has moved into construction documentation for all areas. First projects moving into construction.</p> <p>Demolition of existing basketball court and Skatepark completed. Stormwater infrastructure underway</p> <p>Skatepark construction commenced</p> <p>Basketball construction commenced</p> <p>Playground Construction Documentation to be completed Nov</p>
Scope	Green	Green	<p>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.</p> <p>The various elements identified in the concept layout design have been designed.</p>
Schedule	Amber	Amber	<p>Demolition</p> <ul style="list-style-type: none"> Demolition completed by TARMAC. Site levels contoured and filled to match new design levels Stormwater infrastructure delayed due to supply issues of materials resulting from Level 3/4 Auckland lockdowns. Works programmed in for Mid-November <p>Skatepark Construction - Circle D Construction have commenced construction. Lower zone concrete ramps have been poured with the timber vert ramp completed</p> <p>Basketball - Local Contractor Buildflex has started construction. Subbase preparation and path boxing underway. Coordination with Circle D Construction ongoing to coordinate the two site builds</p> <p>Playground</p> <ul style="list-style-type: none"> PLAYCO design fixed. Structural and Civil documentation currently in progress to be completed in November. Contractor tender to commence December Program delayed due to COVID and lockdown. In discussion now to agree new program. There will be delays on the delivery of the playground due Level 4 shut down on projects in AKL affecting Kerikeri delivery / Install. Likely commencement of works Jan/February pending contractor availability <p>Park path and softscape - Park path associated with Basketball, Skatepark and Playground under construction. Rest of loop on HOLD</p> <p>BBQ areas - Project on HOLD</p> <p>Fitness Equipment - Project on HOLD</p> <p>Lighting - Project on HOLD</p>
Cost	Red	Red	<p>Discussion taking place with FNDC and working party group. MBIE funding not adequate to meet vision of Kerikeri Domain.</p> <p>Project committed to delivery of Basketball court, Skatepark and Playground and associated paths</p> <p>Latest COVID levels will have an effect on materials pricing and deliverable dates</p>
Project Risk	Amber	Amber	<ul style="list-style-type: none"> COVID. Lockdowns and financial and program implications Major changes to the concept layout plan would be a risk to the project. Meeting procurement objectives result in a longer procurement process. Budgets not meeting the current market for construction Lead times and market competition for obtaining materials and equipment Working with contractors that are not experienced in large builds. Site build. Uncertainties (e.g. earthworks) relating to existing site Infrastructure required that was not allocated for in original budget
Monthly Summary:			
<ul style="list-style-type: none"> Skatepark under construction Basketball court under construction Pathway network under construction Playground civil/structural under detailed documentation 			
Key Project Risks			Mitigation of Risk
Covid – Delay to program and escalation of costs			Maintaining good communication with contractors and stakeholders
Budget not aligned to vision. Hidden site costs e.g. earthworks			Reviewing works to attain the best overall outcome for the Kerikeri Domain as a whole
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, Covid Levels will affect the delivery dates	
Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Community Scoping	Aug- Jan 2021	Completed	
Developed Design	Feb - Apr 2021	Completed	
Detailed Design	May – Aug 2021	Completed	
Procurement	Jan-Dec 2021	Ongoing	Playground construction procurement to commence once documentation completed end Nov
Construction	Aug-2022	Ongoing	
Project Budget Status			
Approved Budget		Actual Spend to Date	Forecast Total Spend
\$ 3M		\$ 1.25M - Design fees, Construction	\$ 3M

Project Name: Freese Park Coastal Erosion – Design and Consenting

Project Phase: Consultation

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Consultation has been completed. Design discussions taking place with proprietary wall construction company.
Scope	Green	Green	While still in scope, the consultation phase has required more time than anticipated.
Schedule	Amber	Amber	Delay due to set up of initial hui with hapu. Also, some delay due to Covid Lockdown.
Cost	Green	Green	Additional time on consultation has led to a cost over-run on this item but we currently feel that this can be accommodated within the wider project budget.
Project Risk	Green	Green	As per below

Monthly Summary:

Webinar completed with members of the public. Survey responses have been collated and lwi consultation finalised. Costs and concept alignment and cross section received from proprietary wall company for comparison. Covid lockdown has resulted in some delay to the programme.

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.
Delay in programme due to issues with Resource consenting.	Early discussions with NRC. Preliminary planning assessment to identify potential planning constraints.
Covid lockdowns result in delays to project	Build contingency into programme. Respond to project needs via virtual means where possible.

Key Project Milestones	Expected	Status	Comment
Presentation to Council of work to date including options considered and proposed consultation strategy.	Mid May	Completed	Approval to proceed to Engagement phase
Consultation completed – issue Consultation Report	November	Underway	Consultation progressing well
Report outcome of consultation to elected members	December	Upcoming	Currently trying to establish dates for getting on the Dec Council agenda.

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$199,404	\$126,427	\$199,404

It is noted that the existing contract excludes a number of tasks needed to complete this project, including detailed design, compilation of tender package, involvement in procurement and physical works contract administration / management as well as an archaeological and Cultural Impact Assessment identified as being required to support the resource consent.

TOURISM INFRASTRUCTURE FUND

August 2019 TIF R4 Projects:

Project		Status	Notes
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)	Approved with Funding Agreement	Construction is complete. Engineers have advised an upgrade of the FNDC pump at the toilets to optimise the soakage system. This can be completed within budget and is under action.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Completed	Completed.
2	Pungaere Road Seal Extension	Completed	Completed.
3	Cable Bay Carparks	Approved with Funding Agreement	Toilet Carpark Construction has been awarded. Final design is completed on all carparks.
4	Taipa Beach Pohutukawa Protection	Completed	Completed.
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)	Completed	Completed.
6	Stone Store Lighting	Approved with Funding Agreement	Contractor is working with Heritage New Zealand to coordinate late November installation. Heavy rain has hindered site access.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Final report is with FNDC for approval process.
8	District Boat Ramp Operational Plan Study Grant	Completed	Completed.

August 2019 TIF R4 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


April 2021 TIF R5 Projects:

Project		Status	Notes
1a	SMART CITIES: Smart Lighting (Wi-Fi)	Approved with Funding Agreement	Northland CCTV has been engaged to supply WiFi public access points at Paihia and Russell and are currently working on their Sitewise qualification. Second MBIE payment has been received. Meeting with FNDC ICT project team is scheduled for November to ensure we collaborate to maximise project benefits.
1b	SMART CITIES: Smart Bins	Approved with Funding Agreement	Smart Bin locations have been confirmed for Paihia and Russell. There are 4 smart bins for Paihia and 3 for Russell. Locations for the balance of Smart Bins (3) are under consideration. Due to Covid issue, delivery date has been pushed out to early December.
2	Lake Manuwai Toilet	Approved with Funding Agreement	A site visit has been held with the stakeholders and the Community Board has been updated with the current status. The location for the Dry Vault toilet has been confirmed. Targeted completion is March 2022.
3	Te Pahi Stream Toilets	Approved with Funding Agreement	Detailed design is underway and scheduled for completion in early November. Multiple meetings have taken place with Ngāti Kurī and the toilet site has been confirmed. Tree stumps that are impeding the preferred site are scheduled for removal in November. Project completions is targeted for Mar/Apr 2022.
4	Cape Reinga Road (Te Pahi i-Site) Dump Station	Approved with Funding Agreement	Site visit has taken place with all stakeholders. Ngāti Kurī are helping to provide a solution for water (non potable) via a bore on Ngāti Kurī farmland. DOC concession is being finalised and targeting Dump Station installation pre-Christmas. Water supply pending availability of directional drilling crew, date to be confirmed.

Project	Status	Notes
5 Sealing of Bayly Road (Waitangi Mountain Bike Park)	Approved with Funding Agreement	Covid lockdown has delayed the program by two weeks, however, the current completion date has not changed and it is anticipated the time will be made up during the physical works. This site is expected to have all earthworks and widening complete before Christmas and the Contractor will then clear the site for uninterrupted summer holiday traffic. Contractor will re-establish and resume pavement construction in late January. This Project is planned for completion before March 2022, by Ventia.

April 2021 TIF R5 Funding					
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	\$1,284,81

NEW CONNECTIONS AND FNDC CONSENT REVIEW

Activity		Oct 2021	YTD '22	YTD '21	
Applications for new Water and Wastewater connections		14	55	35	14 requests to connect to Council water and wastewater services were received in October 2021. Year to date Council has received 55 applications (compared to 35 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	39	169	251	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	112	474	664	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.

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 \(fndc.govt.nz\)](https://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:

1. Requirements for the assessment and reporting of site suitability and for the design and control of earthworks.
2. Future roads and infrastructure (including accessways) associated with land development, subdivision and road improvements/upgrades within the District.
3. Requirements for design and construction of stormwater conveyance systems.
4. 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.
5. Requirements for design and construction of all extensions and connections to the District Council's water reticulation system.
6. 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.
7. Requirements for network utilities that are not owned or managed by the District Council: electricity, telecommunications/data and gas.

ES REVIEW STATUS & MILESTONES

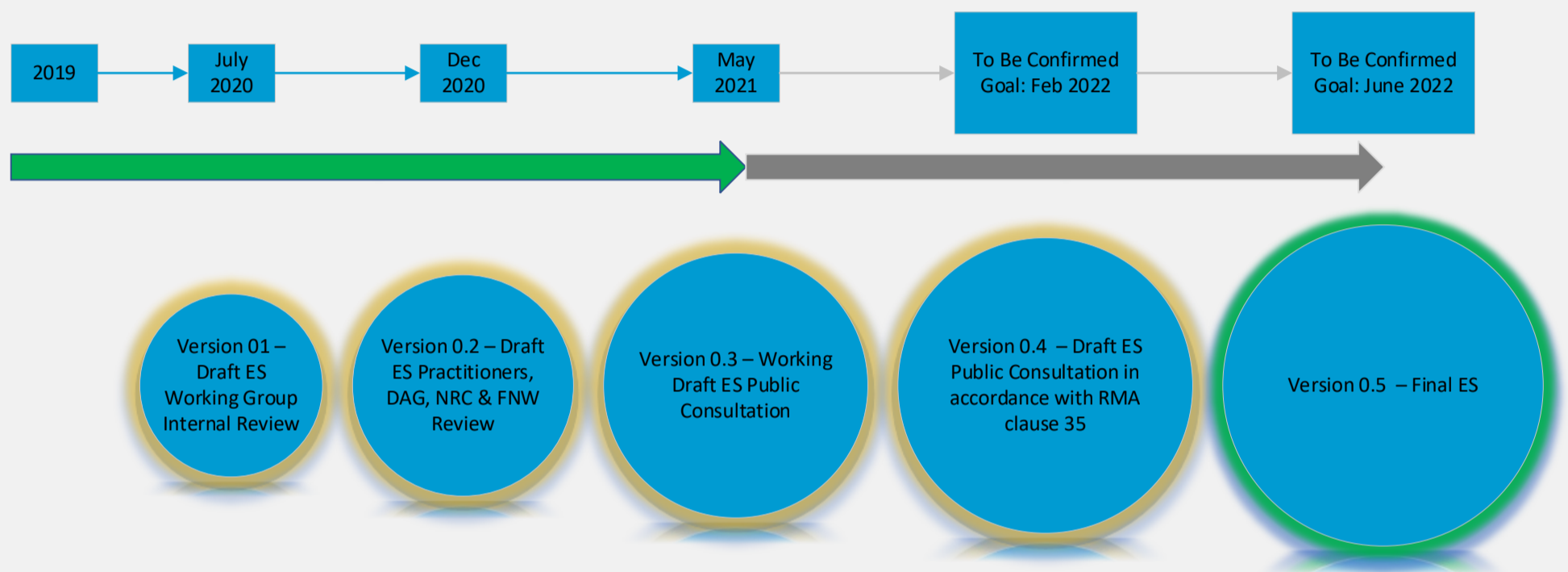


Figure 1 Key Milestone Flowchart

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.

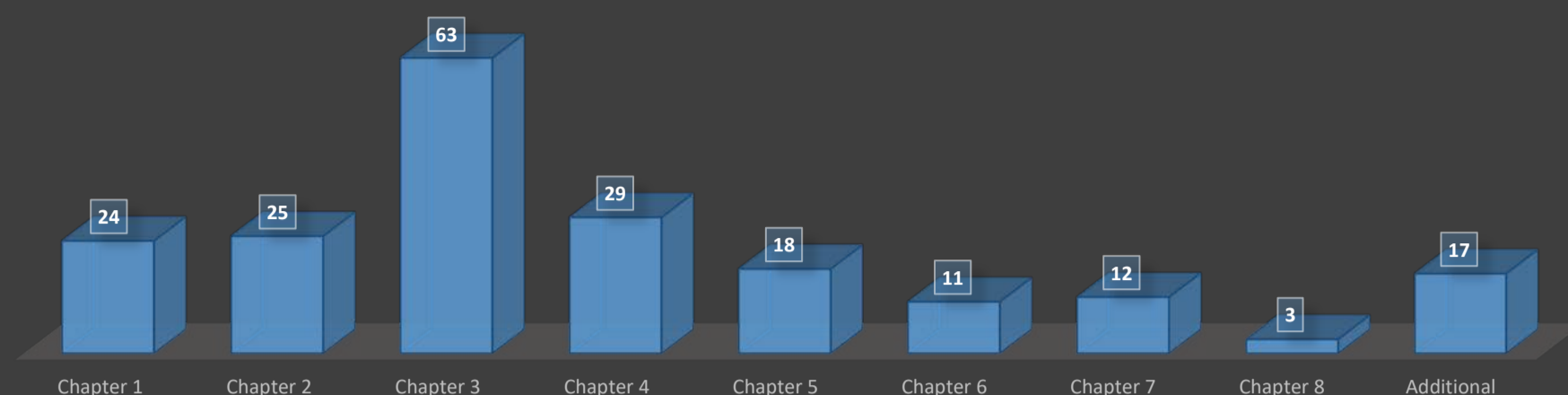
A future step (Version 0.4) in the continuous improvement process will involve public notification of the Engineering Standards as 'material to be incorporated by reference' in the proposed district plan. This will take place in accordance with the provisions of Clause 35 of Schedule 1 of the Resource 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.

To be confirmed. Goal Feb 2022	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 June 2022	Issue 0.5	Final FNDC ES

ES SCOPE OF WORK

Remaining Actions

CURRENT REMAINING ACTIONS ON MASTER ACTION REGISTER BASED ON VERSION 0.2 FEEDBACK



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	<i>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.</i>
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

The risk status of the programme has remained stable over the reporting period. An updated Delivery Roadmap for the AMS Project has been drafted on the back of the configuration schedule that was developed by INFOR. The data cleansing and migration process is progressing at a consistent cadence. An analysis completed by the AMS Project team estimated the timeline for the delivery of Phase 1 to be Q3-2024, pushing the date out with 21 months from the initial reckoning of Q4-2022; the validity of the duration was statistically tested. Two alternative options to bring forward the September 2024 delivery date, was presented to the PSG during September and after some discussion more detail on a third alternative was provided at the 12 October meeting where the option was adopted. The four options (status quo plus three alternatives), with a recommendation to adopt option four, will be presented to SLT during November. Estimated costings, for each of the options, were also included in the paper to SLT.

Programme Darwin Status Report

← Programme Details

Reporting Period	October 2021	Report Date	01 November 2021
Programme Sponsor	Andy Finch (GM – IAM)	Programme Manager - EAM	Chris Grobler

← Programme Vision & Mission

Vision: Leading best practice enterprise asset management in NZ

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

← Status Indicators

Overall	→	The risk status of the programme has remained stable over the reporting period.
Benefits		No change; remains the basis of performance framework for 2024 and outyears.
Capability		Challenges remain with project delivery resourcing across the Process and Stakeholder streams, including the availability of asset subject matter experts to contribute to the Technology workstream.
Leadership		Programme leadership remains stable. The Programme Steering Group supports the sub-projects towards common alignment with the Programmes strategic goals.
Budget		In light of the estimated new timelines, a request for additional funding will be submitted to Council in December 2021.
Roadmap		Revised timelines, deliverables and expectations detailed in the November 2020 update to Elected Members were reviewed. Better evidence for the velocity, at which data cleansing is being performed, has been gathered. An updated Roadmap was developed on the back of the feedback received from the AMS Project on its projected rollout schedule for Phase 1. The prospect of completing the data cleansing and migration work within the initial estimated duration seem highly improbable. A more likely timeline now extends the delivery of Phase 1 to September 2024. Four alternative options, to reduce the delivery timeline, have been evaluated by the PSG and a preferred option will be recommended to SLT in November, followed by a similar proposal to Elected Members at the December Council Meeting.
Risk		A number of variables relating to resourcing and the rate of delivery contribute to the volatility in the programme. Also, the proposed Three Waters Reform Programme is creating uncertainty within the delivery team.

← State of Play

Last Month	Next Month(s)
<p>Programme: The four Phase 1 options, articulating different time, cost, and effort scenarios, was presented to the PSG in October.</p> <p>Workstream</p> <ul style="list-style-type: none"> Technology: Continued with execution on the revised SoW to ensure organizational expectations are met once Phase 1 is delivered. Process: Re-evaluated funding bid for the appointment of a Workstream Lead. Asset condition assessments progressing and new WinCan application introduced. Transformation: Change management plan to be developed for Programme. Stakeholders: Meeting were held with Ventia to discuss the hosting of the Master Data System. 	<p>Programme: The four Phase 1 options, articulating different time, cost, and effort scenarios, will be presented to the SLT in November in preparation for a submission to EMs in December.</p> <p>Workstream</p> <ul style="list-style-type: none"> Technology: Continue with execution on the revised SoW to ensure organizational expectations are met once Phase 1 is delivered. Process: Re-evaluate funding bid for the appointment of a Workstream Lead. Asset condition assessments to continue. Transformation: Programme change management and communications information to be published on TK3. Stakeholders: Re-evaluate funding bid for the appointment of a Workstream Lead. Continue <i>ad hoc</i> engagement with data supply chain partners on Darwin journey.

← Programme Workstreams

Name	Type	Status	Programme Comment
TECHNOLOGY: Integrated Asset Management System (IPS Suite)	Project		Full operational use of IPS Suite will only be possible once all the data loads have been migrated (Q3-2024), and the system has been configured (towards the end of 2027). The status reflects the updated schedule from the AMS project based on the revised timelines for Data Cleansing & Migration work. The team continues to experience delays within the data cleaning process due to competing BAU tasks. The status of the project is expected to remain Amber over the next quarter.
PROCESS: Asset Life Cycle, Processes, Condition Assessments, Data & Analytics	Operational		Paper drafted to secure funding that will allow for the recruitment of a Workstream Lead, placed on hold until a revised schedule is adopted by PSG. The delivery of the pilot LAMP has been moved out past September 2024. Condition survey work is progressing well. An interdisciplinary meeting was

← Programme Workstreams			
Name	Type	Status	Programme Comment
			held to ensure the proposed approach and tooling, for the capturing of field data, will provide for an efficient process, correct asset fields and reliable data. Discussions have concluded with Sewer Equipment Company Australia (SECA) for the procurement of WinCan, which will be adopted as the preferred solution to capture and manage condition data for SW and WW.
TRANSFORMATION: Roles & Responsibilities, People & Culture Change Management	Improvement		Initial survey completed (FieldForce4). Original transformation plan will not be pursued as Tony McCartney (PraCxus) has stepped away from the programme. A new plan to be developed by Helen Ronaldson and Alison Carnaby. Andy Dowdle was appointed to the programme to caretake the change management effort.
STAKEHOLDERS: Upwards, Downwards, Outwards & Sideways	Improvement		Paper drafted to secure funding that will allow for the recruitment of a Workstream Lead, placed on hold until a revised schedule is adopted by PSG. Stakeholder engagement plan to be drafted on the back of the reinvigorated stakeholder register.

← Programme Milestones				
Milestone	Baseline Date	Actual Date	Status	Comment
Identify Stage completed	N/A	Continues		The programme of work agreed for Phase 1a will partially deliver on Council's business requirements. Phase 1b will see the standing-up of an Asset Management System that is ready to be configured over Phase 2. Delivery plans to be workshopped with the stakeholder groups over the coming months, this work is dependent on the appointment of the Process Improvement Workstream Lead.
Define Stage completed	31/12/2022	Continues		Operational demands on project resources along with discovered issues relating to data quality, data mapping and data access have delayed progress until the availability of condition data and the working system environment is resolved. Also, the deliverables for the Process and Transformation workstreams have not been scoped. The expertise of a Business Analyst will be essential to provide a high-level estimate of the quantum of work and execution effort that will be required to deliver on the scope of work for particularly the Process and Transformation streams.
Execute Stage completed	30/12/2023	Continues		Delivery date extended to reflect the adaptation necessary once the Process and Transformation teams come online. Also, the updated options paper needs to be presented to SLT and EMs for additional funding approval, before a new delivery timeline can be adopted.
Product Review Stage completed	Beyond 2023	Continues		Project & workstream delivery will be staggered over 2024-2027 to ensure each value release builds on prior releases.

← Top Programme Issues					
Ref #	Explanation & Cause	Priority	Action Required	Owner	Date Raised
5	Operational commitments impede staffs' availability to participate in workshops or contribute to Darwin, resulting in sub-optimal progress. Also, some workstream lead positions remain vacant, hindering progress.	1	Require SLT assistance to identify additional resourcing to come onboard. These key-person dependency issues are expected to continue 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 constraints (i.e., vacancies in the Process and Stakeholder workstream lead roles) may lead to an adjusted risk profile.	Possible	Major	Stable	The SLT was made aware of this risk and assistance requested to resolve the same.	PrgM – EAM	Oct 2021
15	Three waters reform investigations/ negotiations impact both progress and team willingness to advance program.	Possible	Major	Stable	Programme leadership commitment and organisational information governance committee oversight.	PrgM – EAM	Oct 2021

← Programme Financials				
	Approved Budget	Spend to Date	Forecast Cost to Complete	Commentary
Capex	\$274,531	\$64,578	Depends on the Option adopted by EMs.	Excludes budgets related to the AMS Project and Asset Condition Assessment Programme.
Opex				-
Totals	\$274,531	\$64,578		-

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

- Notification of the resource consent application for discharges from the Opononi Wastewater Treatment Plant will commence 17 November 2021 and the submission period will end 15 December 2021.
- Staff are developing communication material for landowners and other stakeholders, such as adding projects to our wastewater treatment plant on a page website section and preparing to call landowners of sites that have been identified as potentially suitable for land-based disposal of treated wastewater.
- Staff continue working with the Kaitaia Golf Club and Te Rūnanga o Te Rarawa, supported by technical experts, to progress investigations into the feasibility of irrigating land at the Golf Club with treated wastewater from the Ahipara WWTP.
- Staff continue to engage with mana whenua in the communities of Kaitāia and Kaikohe to support applications to renew resource consents for WWTP discharges. This engagement is focused on investigating potential WWTP upgrade options, and options for disposing treated wastewater to land.
- Staff from the Infrastructure Planning team continue to work with Strategic Planning and Policy team on key pieces of work including:
 - Parking policy and bylaw
 - New Road Use Bylaw
 - Transport related policy reviews
- Staff are undertaking a data review and gaps analysis of 3 waters information to support the Kerikeri/Waipapa Spatial Plan project being led by SPP.
- Staff continue to work with NTA to handover the Integrated Transport Strategy for operational implementation and to evaluate the impacts of NZTA's lower than expected funding subsidy approval on the transport programme
- Planning is underway for the additional consents required by the Proposed Regional Plan from the NRC. This impacts stormwater, landfills and transfer stations

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
District Transport Strategy		●	●	●	●	FY19/20	Preparations are now underway to hand over the Integrated Transport Strategy to NTA to implement the Integrated Transport Plan recommended programme of projects and activities. The Infrastructure Planning team will maintain a Programme Management role to ensure that benefits are being realised controlled and reported to council and Waka Kotahi New Zealand Transport Agency. The award of subsidy was notified late in September and the implications on the transport programme in the LTP are being evaluated. These will be summarised and reported to council in November. Work is underway to get confirmation of funding subsidy for a number of transport planning activities.
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.
Paihia Network Model Upgrades		●	●	●		October 2021	The hydraulic models for Paihia WS and WW have been built, and the consultants responsible for the model builds have presented system performance workshops to relevant FNDC and FNW staff. FNDC staff are currently obtaining software training so that management of the new models can be undertaken within the organisation.
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. Each model update project is staged as follows: Stage 1 Data Review and Gaps Analysis; Stage 2 Data Acquisition; Stage 3 Model Build/Update and Calibration; and Stage 4 Model Analysis. Project management company Stellar is providing external project management support. Delays introduced by Covid-19 lockdowns mean that not all flow gauging was installed in September, and during October inflow monitoring continued to be installed in WW networks, which will stay in situ until February 2022. Critical asset survey work was completed to address missing data information required to inform the new model builds. The remainder of Stage 1 Gaps Analysis reports were submitted by consultants, along with offers of service for stage 3 of the project. The DIA has granted a deadline completion extension that means the consultants will be given until the end of May 2022 to complete Stage 3 of the project.
Water and Wastewater Demand Forecasting		●	●	●		Mid 2021	Staff have completed demand forecasting for the WS and WW schemes in Kaitiāia, and this work is currently being peer reviewed by the authors of the demand forecasting methodologies. Staff are underway with demand forecasting assessment for WS and WW schemes in Kerikeri. A decision has been made to pause implementing the methodologies on the remaining schemes until FNDC obtains detailed capacity assessments for each of our water and wastewater treatment plants, and until FNDC obtains new population forecasting data, once a new population forecasting service provider has been procured.
Wastewater Disposal to Land Investigations – Kaitiāia and Kaikohe		●	●	●		Ongoing	Staff are investigating the option of disposing treated wastewater to land for the communities of Kaitiāia and Kaikohe. These projects were initiated to support applications to renew the resource consents authorising discharge of treated wastewater to water for both of these communities. Desktop studies indicated that WW disposal to land is theoretically practicable, whereas a rating impact assessment indicated setting up a scheme would be unaffordable for each community. In accordance with a resolution from the Infrastructure Committee in May 2021, staff commenced a project to engage with mana whenua and landowners to identify a preferred site (for WW disposal) and develop a concept design for a disposal scheme. Mana whenua engagement has progressed for both communities, via a number of hui with Kaitiāia hapu representatives, and via the establishment of a working group with Kaikohe hapu representatives. Engagement with landowners for both communities has not commenced and is currently on hold while Corporate Serviced develop a process for engaging with landowners, which this project must adhere to.
Wastewater Disposal to Land Investigations – Kaeo and Hihi		●	●			Ongoing	Staff have also commenced investigating the option of disposing treated wastewater to land for the communities of Kaeo and Hihi. These projects were initiated to support applications to renew the resource consents authorising discharge of treated wastewater to water for both of these communities. Desktop studies indicate that WW disposal to land is theoretically practicable, and rating impacts are currently being calculated. Community Stakeholder Engagement Plans are being developed for both communities.

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Ahipara Wastewater Disposal to Golf Course Investigations		●				Ongoing	<p>Staff are working with the Kaitaia Golf Club and Te Rūnanga o Te Rarawa, and supported by technical experts, to progress investigations into the feasibility of irrigating land at the Golf Club with treated wastewater from the Ahipara WWTP. Stage 1 investigations into the suitability of the golf club to receive treated wastewater as a form of irrigation have been completed. After reviewing the stage 1 investigations, FNDC and the Kaitaia Golf Club Committee have agreed to continue onto stage 2 and 3 of the investigation upon concluding that the golf club is a suitable site.</p> <p>Stage 2 of investigations includes a review of potential wastewater treatment plant upgrade requirements and disposal system. The deliverables of this stage will include a draft concept design report which includes recommendations for treatment upgrade, and next steps for review and comment. Unfortunately, due to Covid level restrictions, additional monitoring required for this stage of investigations has had to be put on hold. This will mean a delay for the project until a time when the additional monitoring can go ahead.</p> <p>Stage 3 of investigations includes the development of high-level treatment and disposal concept cost estimates. This will be done for the preferred option following consultation of the stage 2 results and be issued to FNDC as a technical note presenting cost summary. This will take an estimated 2 weeks of additional time at the completion of stage 2.</p>
Parking Policy and Bylaw		●	●	●		June 2022	<p>Work continues on the Parking Policy and Bylaw to ensure that the June 2022 deadline for implementation of the bylaw is met. The Project and Engagement Plan has been approved and internal engagement is underway to develop an initial Draft Parking Policy for further development by Elected Members and key stakeholders in a workshop planned for the last quarter of the year but not now possible before early next year. An options report is being considered to raise the profile of this important project. The Parking Policy which will guide the development of the Strategic Implementation Plan will require significant engagement and public consultation beyond the bylaw deadline. The draft bylaw and consultation document public feedback period has now closed and evaluation is underway for presentation and deliberations.</p>
Wastewater and Water Supply Service Areas Review		●					<p>Beca have provided staff with a final report on their review of how FNDC currently manages its water and wastewater service areas, this report includes a comparison with how several other local councils manage their WS and WW schemes. A few of the recommended actions and options contained in the Beca report are projects within FNDC that are underway. Changes to how FNDC manages its service areas is not expected to progress further until some of the current project outcomes are known.</p>
Consent Applications/Authorisations							
Kaikohe WWTP Consent Renewal		●	●	●		August 2021	<p>The application to renew the resource consent that authorises the discharges from the WWTP has been made to NRC and is available online for viewing here. NRC has accepted the application and has used its discretion under s124 of the RMA to allow Council to continue operating the plant until a decision on the new consent is made. The application is currently on hold for further engagement with Tangata whenua on both the resource consent renewal and land discharge options.</p>
Kaeo WWTP Consent Renewal		●	●			July 2022	<p>A consenting strategy for the project has been completed. Staff have begun to scope the information required to successfully renew the consent for the existing Kaeo WWTP. The consent will be lodged before 31 July 2022.</p>
Kaitaia WWTP Renewal				●		March 2022	<p>Work continues on engagement with Tangata whenua to determine consent conditions that aim to mitigate adverse effects on cultural values. NRC have indicated that it will not be seeking further information and the resource consent is likely to be publicly notified once engagement on consent conditions with Tangata Whenua is complete early in the new year.</p>
Hihi WWTP renewal		●				August 2022	<p>Staff have begun to procure the information required to successfully renew the consent for the existing Hihi WWTP and to request offers of service for odour and ecological assessments. The consent will need to be lodged before 31 August 2022 and it is unlikely that any new plant will be commissioned before this date.</p>
Taipa Seawall		●				January 2022	<p>A new seawall has been planned for the Oruru/Taipa River adjacent to the Taipa recreation reserve. An application for resource consent is being put together and liaison with both DOC and Tangata Whenua is underway.</p>
Opononi WWTP renewal		●	●	●		June 2022	<p>The application to renew the resource consents for Opononi Wastewater Treatment plant will be publicly notified 17 November 2021. A 'Plant on a Page', webpage will 'go live' for this treatment plant in early November.</p>

Key: • Complete • In progress • Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Activity	Comment						
Collaboration and Engagement							
Strategic Planning and Policy Development							The Infrastructure Planning team are working closely with the Strategic Planning and Policy development team on a number of projects requiring cross team collaboration. These include development of a District Spatial Plan, a Kerikeri Waipapa Spatial Plan / update of the existing Kerikeri Waipapa Structure Plan, delivery of a Parking Policy and Bylaw, a new Road Use Bylaw and joint review and update of all transport related policies. It is expected that this review will then focus on all other Infrastructure related policies.
District Planning							The Infrastructure Planning team continue to work closely with the District Planning team on review of the District Plan in a joint effort to ensure that it effectively implements the Integrated Transport Strategy, Plan and Engineering Standards requirements. This also includes evaluation and integration of Waka Kotahi NZTA's One Network Framework classification of movement and place. Additionally, it is necessary to ensure that upcoming regulatory changes specifically relating to transport infrastructure and land use are adequately reflected.
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 starting with a proposal to initially introduce the scheme in Kerikeri. We are also working with NRC on an aged care community vehicle trust concept.
Regional Council							The Transport team are active members in the Regional Land Transport Plan working group with a key objective to represent the transport interests of the Far North as embodied in the Integrated Transport Strategy and Programme alongside our neighbouring Districts. The allocation of subsidy to the three districts covered by the RLTP was announced late September and we are working through the implications of the decisions with the RLTP working group. We are also working closely with the Passenger Transport team on a number of initiatives identified in the programme to increase the amount of public transport services in our district
Water Supply Bylaw							Staff will support the SPP team to execute an Implementation Plan for the recently adopted new FNDC Treated Water Supply Bylaw.
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. Pages for Kerikeri, Kaikohe, Kaitaia, and Hihi have been completed.

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 IAM 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













Procurement activities are complete and the Jacobs contract signed. This phase (IIb and III of IV) will focus on raw water catchment risks, creating a risk register and improvement plans.

DRINKING WATER STANDARDS – *Monitoring strategy and Risk Reporting*

Taumata Arowai's released a revised draft of the drinking water supply operations compliance rules and presented webinars on implementation timelines and draft rules.

Asset	Non-Compliance	Action Underway
Opononi WWTP	<ul style="list-style-type: none"> The abatement notice was issued in Apr 2016 due to the plant evidencing non-compliance with the E. coli limits. 	<p>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.</p>
Kaitaia WW Network	<ul style="list-style-type: none"> The abatement notice was issued in April 2016 due to unconsented network overflows Unconsented network overflows 	<p>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.</p>
Awanui Riverbank	<ul style="list-style-type: none"> Erosion of riverbank sediment into Awanui River above Kaitaia water take weir causing sediment discharge 	<p>DIA funding of \$225,000 has been earmarked for stabilising the riverbank adjacent to the weir. Site investigation and preliminary engineering advice has been commissioned. IAM Compliance Team Lead is liaising with NRC to determine whether resource consent is required.</p>
Ahipara WWTP	<ul style="list-style-type: none"> Leachate levels exceeding consented limit of 10m3 per day 	<p>A new pump has been installed. FNW is investigating alternative controls for the pump to ensure consent limit is met.</p>
Russell WWTP	<ul style="list-style-type: none"> Outstanding monitoring data and maintenance records 	<p>IAM Team Lead liaising with NRC and FNW about current abatement notice.</p> <p>Asset Managers have scheduled several improvements; -Inlet Works (screen) UV Unit Replacement,-New or Refurbished disposal bores,-Pond liner replacement.</p>

WATER AND WASTEWATER RMA COMPLIANCE REPORT – OCTOBER 2021

Sites	Asset Group	Status	September	Comment
Kaitaia		●	Compliant	
Kaikohe		●	Compliant	
Kawakawa		●	Compliant	
Kerikeri		●	Compliant	
Okaihau		●	Compliant	
Opononi		●	Compliant	
Paihia		●	Compliant	
2 Rawene		●	Compliant	
Russell		●	Compliant	
Ahipara		●	Condition 10 - Faecal Coliforms Condition 2 - Leachate	<ul style="list-style-type: none"> • Council is investigating land disposal options at Ahipara. • Leachate pump has been repaired.
Hihi		●	Compliant	<ul style="list-style-type: none"> • The project to upgrade plant is in its initiation phase.
Kaeo		●	Compliant	
Kaikohe		●	Compliant	<ul style="list-style-type: none"> • Consent renewal application has been lodged.
Kaitaia		●	Compliant	
Kawakawa		●	Compliant	
Kerikeri		●	Compliant	
Kohukohu		●	Compliant	
Opononi		●	Condition 19 – Nh4, E.Coli.	<ul style="list-style-type: none"> • Wetland maintenance completed. NH4 and E.Coli trend improving but not yet compliant.
Paihia		●	Condition 9 - NH4-N Condition 13 - pH	<ul style="list-style-type: none"> • Dosing has to address pH has been in place for 5 weeks. pH trend improving but not yet compliant.
Rawene		●	Compliant	
Rangiputa		●	Compliant	
Russell		●	Non-compliant	<ul style="list-style-type: none"> - IAM Team Lead liaising with NRC about current abatement notice. - Asset Managers have scheduled several improvements; -Inlet Works (screen) UV Unit Replacement,-New or Refurbished disposal bores,-Pond liner replacement.
Taipa		●	Complies	<ul style="list-style-type: none"> - Farm access and monitoring schedule being reviewed with NRC. Interim monitoring commenced 29.09.21.
Whatuwhiwhi		●	Condition 8 – TSS	<ul style="list-style-type: none"> - FNW and FNDC considering covering pond to reduce algae that are causing TSS.

- 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

October has been a hive of activity especially around the Capital Work Programme for the Annual Plan. However, with the fatigue of Covid-19 and level restrictions / lockdowns, as well as the drive for vaccinations, maintaining team spirits and balancing workloads, particularly with parents with either young children or teenage children at home, has been difficult. However, the team continue to put their best foot forward. To highlight a few key focus areas;

- Continued focus on completion of either business cases, scopes, and Statement of Works for the capital delivery programme for FY21/22
- A focus on developing a combined Risk and Improvements register for Asset Management
- FY22/23 Annual Plan workshops for both Capital and Operational programmes
- 3 Waters Reform Workstream

Sustainable asset management is key to realising the Far North District Council's (FNDCs) vision of *Creating great places and Supporting our people*.



Buildings & Structures



Drainage



Parks & Recreation



Roads & Transport Services







Sewerage Infrastructure



Water Infrastructure

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
Combined Asset Management Plan (3 Waters and District Facilities)	All	●	●	●	●	FY21/22	A combined draft Asset Management Plan for 3 Waters and District Facilities is complete. The AMP is now in use across the Asset Management team.
Annual Plan (AP)	All	●	●	●	●	FY21/22	Workshops for the AP kicked-off in September and work on both the Capital and Operational programmes will continue through until November / December 2021.
Stormwater Strategy		●	●	●	●	FY21/22	<p>A draft strategy is complete with our first planned 'internal' workshop held on 29 July 2021. A meeting was held with Crs Foy and Stratford on 31 August to discuss the Stormwater Strategy document. It is confirmed that the format will take the shape of;</p> <ul style="list-style-type: none"> A strategic document (most likely a strategy) with an associated action plan. Anything that needs to be included in a by-law will be considered in the review of the WW bylaw due for renewal in 2023. This strategic document will include a page for each of the 5 focus areas mentioned in the session – flooding, development, integration, contamination, and healthy environment. We plan to workshop more of the content once we can get the relevant staff together in person – aiming for whenever Lockdown ends, and we can safely be in an environment together and depending on people's availability. This will likely occur in November / December 2021. From that session we will put a stronger timeline together for the deliverables.
Asset Identification / Condition Assessments							
Prioritised Scheduled Asset Condition Assessments	All	●	●	●	●	FY21/31	As part of the LTP (adopted 24 June 2021), a budget of \$1.6m for FY21 to FY23 has been approved. A Project lead for the Asset Condition and data capture Programme has been appointed. Proposed packages of work and the related timeline for this programme are currently being developed.
Other							
Asset Management System	All	●	●	●	●	FY21/23	Full operational use of INFOR ('Go Live') is now expected for January 2022 <i>(please refer to Programme Darwin for full details)</i> .
Data Cleanse / Tidy Up	All	●	●	●	●	Ongoing	A continual process as part of the AMS
3 Waters Reform Workstream	All	●	●	●	●	Ongoing	As part of the central Government announcement, a number of people across Council are involved with the working group for the reform. The Asset Management team has a number of stakeholders involved in this process and will continue to do so for the next 2 years.
Stormwater modelling requirements		●	●	●	●	FY21/23	As per the SW Catchment Management Plan (CMP), the models for SW will take in excess of 2 years for full implementation updates, although a large number will be updated as part of the DIA programme noted below.
Water modelling requirements		●	●	●	●	FY21/24	Funding to update the 3 Waters models was secured through the 3 Waters DIA funding reform. A 3 Waters Modelling Lead has been recruited and consultants are engaged to review all FNDCs current models. Gap analyses are largely complete and flow monitoring is underway. This work will assist in establishing a development contributions (DC) policy for FNDC as well.
Wastewater modelling requirements		●	●	●	●	FY21/24	As above

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 esp. as several of our services are required during and / or impacted by the on-going Covid situation including the need to keep public toilets open (and cleaned to a higher standard), closing / opening playgrounds and skateparks, ensure recycling services are stopped and refuse services continue, all while putting in place appropriate health and safety measures.
- On top of Covid and BAU, District Facilities staff have been involved in contract negotiations and renewals concerning the Russell Transfer Station and Landfill, OCS cleaning contract and the Security contract requirements.
- COVID has also impacted and delayed the swimming pools opening Labour Weekend. Kaikohe is still on target to open in December.

ASK NICELY – CUSTOMER EXPERIENCE PROGRAMME

Due to an issue with the Ask Nicely reporting tool, October stats are not available.

HEALTH AND SAFETY UPDATES

Recreational Services

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

- Vehicle Near Miss: Travelling north, a vehicle passed on a short straight piece of road where visibility did not extend to the entire length of road.
- Non-serious Harm: Winding compactor onto the trailer and a staff members hand slipped, spinning it around catching their finger. Another staff member, when gardening, found a piece of sheet metal in the garden, realized later that it had scratched their arm.
- Public altercation: Went to start a project, members of the public were not happy and moved too close to the staff member concerned.

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	0	0	0	0	0	0		
Vehicle / machinery near miss	0	0	0	0	0	0	0	0	0	0		
Non-serious harm	0	0	0	0	0	0	0	0	0	0		
Serious harm	0	0	0	0	0	0	0	0	0	0		
Vehicle / Machinery accident	0	0	0	0	0	0	0	0	0	0		

Waste Management (Southern RTS and CRC's)

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	0	0	0	1	0	1	1	0	0		
Non-serious harm	0	1	0	1	0	0	0	0	0	0		
Serious harm	0	0	0	0	0	0	0	0	0	0		
LTI	0	0	0	0	0	0	0	0	0	0		
Vehicle / Machinery accident	0	0	0	0	0	0	0	0	0	0		

Northland Waste (Northern RTS and CRC's)

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

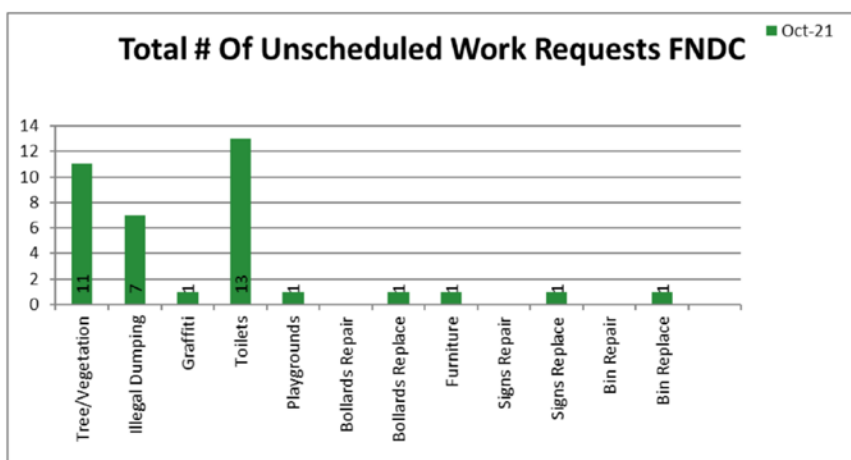
Northland Waste (Russell RTS and landfill)

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

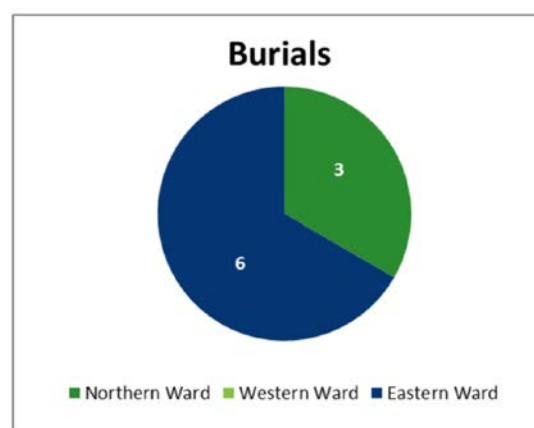
CBEC Eco Solutions (Waste Education Contract)

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

	Target	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Average
Mowing	95	99.5	97.3	99.5	100.0		97.7	98.0	100.0	99.5	99.1		98.0	97.2	99.2
Edging	95	100.0	100.0	98.9	100.0		100.0	99.4	98.1	95.0	100.0		97.6	98.8	99.4
Gardens	95	97.2	99.1	92.6	100.0		98.6	99.1	97.2	100.0	100.0		98.6	97.2	99.2
Playgrounds	95	100.0	100.0	97.6	100.0		100.0	99.4	92.9	98.8	93.7		96.4	100.0	99.3
Town Maintenance	95	96.0	99.0	98.4	91.7		98.8	97.2	95.7	95.2	99.1		98.4	98.8	98.2
Toilet Maintenance	95	96.1	99.7	97.4	98.7		96.4	96.8	96.2	93.7	96.1		95.2	96.8	97.3
Cemeteries	95		91.7						100.0	100.0	100.0				99.0
Furniture	95	100.0	100.0	100.0	100.0		100.0	99.4	100.0	100.0	100.0		100.0	100.0	99.5
Total Internal	95	98.3	99.0	98.4	97.9		98.6	98.3	97.6	96.9	98.7		97.7	98.5	98.8

RSL internal Town Maintenance contract audits

Council Audit of RSL

	Target	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Average
Mowing	95												100.0	100.0	100.0
Edging	95												98.3	100.0	99.2
Gardens	95												99.3	97.9	98.6
Playgrounds	95												100.0	100.0	100.0
Town Maintenance	95												96.6	99.3	98.0
Toilet Maintenance	95												91.2	92.1	91.7
Cemeteries	95												100.0	100.0	100.0
Furniture	95												99.0	100.0	99.5
Total Internal	95												96.9	97.9	97.4

FNDC internal Town Maintenance contract audits

Toilet Maintenance AUDIT comments (91.2%)

- **Klinac Lane, Waipapa toilets:** Hand dryers not working and insignificant yet noticeable amounts of debris were not removed as expected. Graffiti in both the male and female toilets as well as old stickers which were partially removed. The graffiti has been on the walls for quite some time.
- **Opuia Ferry Terminal toilets:** Remains of old stickers still in place although they were requested to be removed last month.
- **Tapaka Point toilets:** graffiti on walls and doors including unacceptable build-up of debris on the floors and cobwebs in and around the toilet block.

COVID continues to impact the ability of staff to carry out a thorough list of audits as required.

CEMETERIES

The heavy rains in October caused issues in some of our cemeteries, flooding plots prior to internment and severely sinking new burial plots. These issues were dealt with quickly and effectively by RSL creating minimal impact to grieving families.



Flooded burial plot, Kerikeri Cemetery



Sunken Plot after heavy rain, Russell Cemetery

PARKS AND RESERVES

Long Beach, Russell

Council is working with the NTA and Heritage NZ (HNZ) as several koiwi (human bones) have been exposed along Long Beach, Russell. Works to remove the bones, will be carried out by HNZ in conjunction with the local Hapu including a

powhiri at Kororareka Marae has been postponed until early in the new year due to the impact of COVID and the boundary restrictions.

The area is in the process of being temporarily fenced off.

Lily Pond Lane Reserve, Haruru

7-wire fencing between the reserve and a private property near the public toilet suffered significant vandalism with most of the wires cut, battens and posts broken. Efforts by the property owner quickly secured the fencing to ensure their stock did not escape. The process is underway to confirm what Council's contributions to the costs of repair will be.



Lily Pond Lane Reserve - damaged fencing

Northern Ward

Spring growth, the breakdown of machinery, weather conditions and poor drainage has caused consider boggy conditions and has contributed to RSL falling behind on some of the mowing of the parks and reserves. A replacement mower was organised and weather permitting, RSL will catch up on the works and our parks and reserves will be in a better position.

PLAYGROUNDS

Nothing to report

TREE MANAGEMENT

Pohutukawa Trees - SH12, Opononi

A meeting was held with Council staff, Western Community Board members and Waka Kotahi to discuss options to help protect the notable Pohutukawa trees located outside the Hokianga i-SITE car park along SH12, Opononi. Waka Kotahi will provide their views towards the end of October for consideration.

Redwoods, Kerikeri

Arborlab and Roger Gale from Treeskills have been engaged to assist with carrying out the annual assessment of the Redwoods along Wendywood Lane and Hawkings Crescent, Kerikeri. It is envisaged the report will be available in time for the Community Board's December meeting.

District-wide Palm Issues

Works on priority one palms has been approved and require immediate and then on-going regular maintenance. This work is significant and will need to be staged. The cost of this work is not budgeted. The longer-term prospect is that several palms in key locations may need to be removed and replaced with more appropriate, minimal maintenance / less risk plantings.

Commerce Street, Kaitaia

Treeskills has been engaged to carry out an assessment and pruning of the Magnolia trees along Commerce Street, Kaitaia due to their branches interfering with traffic and adjacent buildings. Any works required will be done in conjunction with RSL as they have an approved traffic management plan and can dispose of the green waste as part of the contract.

District-wide Palm Issues

Works on what has been agreed are priority 1 palms i.e.: greater risk to people and property has been approved. The necessary works will be rolled out over the next few months. Dependent on budget, priority 2 palms may be attended to towards the end of the current financial year. These palms are of less concern but still cause issues with fronds dropping etc. These palms will require on-going maintenance and the cost has been requested as part of the 'tree management' section of the draft 2022-23 OPEX budget. The longer-term prospect is that some palms in key locations may need to be removed and replaced with more appropriate, minimal maintenance / less risk plantings.

Tree Management

On-going issues with trees continue to be reported, mainly associated with leaf drop, dead/hanging branches and nuisance trees where their size is interfering with neighbouring properties. Some trees are being removed if it is proven they are a risk to people and / or property or their health is in such a decline, that death is inevitable.

On-going work on reviewing the draft Engineering standards and vegetation control roles and responsibilities continue esp. where it impacts future development proposals and Council may have on-going responsibility.

A new RFS code specific to tree management has been set up so we can also start to build a better picture of the number, location and problems associated with trees across the District.

PUBLIC TOILETS

All public toilets are open as per Covid L2 restrictions and continue to display current COVID QR codes.

Whatuwhiwhi toilets

The last week of October saw the new toilet block opened for public use at Whatuwhiwhi Peninsula. The toilet block is located by the Whatuwhiwhi Community Hall and the recently installed basketball court. The toilet cubicle was relocated from Kawakawa, given a new coat of paint and plumbing fixtures.



Whatuwhiwhi - new toilet block

Stone Store - Koropiro Pa Walkway, Kerikeri public toilets

Portaloos are still in place while DoC decides what they need to do at this site. An option being considered by DoC is to include the toilets pump station into the new Kerikeri low pressure wastewater system.

Hundertwasser toilets

Significant cracking within the plaster work and movement of the wooden beams away from the adjoining building has been reported. The Asset Management Team is now reviewing and an assessment underway to determine what action may be required. This may result in the closure of these toilets as this has been raised as a potential Health & Safety issue.



Hundertwasser toilets - cracking in plaster work and wooden beams pulling away from neighbouring building

TOWN MAINTENANCE

Works throughout October continue re footpath cleans etc.

The 2021-22 Focus Paihia Custodian Services Agreement has been finalised, resulting in a reduction of costs due to the on-going impact of COVID however this should not impact the levels of services proposed.

ENCROACHMENTS

General

Encroachment issues continue to be received however due to priorities and resourcing issues some matters are not being investigated at this stage. District Facilities are currently involved / aware of the following:

Location	Ward	Background	Status
Okiato / Deeming Road, Russell	Eastern	Site meeting held with NZ Walking Commission.	WIP
Wharau Road Reserve	Eastern	Waiting on legal information before deciding on next steps.	WIP
Te Wahapu, Russell	Eastern	Areas of encroachment being investigated.	WIP
Heron Hill, Kerikeri	Eastern	A historical situation where a boatshed and boat ramp built over an esplanade reserve. Site visit needed.	On hold
Major Bridge Drive, Russell	Eastern	Boatsheds constructed on council reserve.	On hold

Location	Ward	Background	Status
Doves Bay Road, Kerikeri	Eastern	As per a RC application, several structures have been identified as being built on Council reserve land.	On hold
Hansen Road, Kerikeri	Eastern	Details to be confirmed with Monitoring and Compliance team	On hold
Scenic Reserve, Paihia	Eastern	Historic Issue: Private dwelling located a courtyard and other structures on Council reserve.	On hold
Korora Park, Ahipara	Te Hiku	As part of a project proposed for the upper park, several buildings including gardens have been built on the park.	On hold
Cable Bay	Te Hiku	Buildings, gardens, steps and a shower built on an open space legally described as 'Road'. Letters sent to owners of both lodges identifying issues with a copy of the survey that identifies the specific offending structures etc.	On hold
Hihi Bay Road	Te Hiku	Complaint from a neighbour concerning another resident who has placed several horticulture tunnels on reserve land.	WIP
Waterfront Drive, Houhora	Te Hiku	Earthworks and plantings have been happening at the end of this road without the approval of Council and / or input from Heritage NZ. It appears much of this work has been and continues to be on Road / reserve and into the waterway resulting in damage / destruction to archaeological features etc.	TBC
Koutu, Opononi	Western	Issues with access to the Koutu boulders has identified that several property owners may have included public accessways as part of their private property.	On hold
Otiria	Western	Issues with access to the Otiria waterfall has identified that several property owners may have included public accessways as part of their private property.	On hold

SOLID WASTE

Waitangi Community Recycling Centre

“Freedom” protests at Waitangi delayed site works and the opening is now scheduled for November 9.

Extending the Range of plastics accepted at FNDC sites

Markets for #5 and coloured #2 plastics are developing. There are markets for full shipping containers of baled product delivered to the port but no ready market for the small quantities that FNDC's sites produce. Waste Management has markets for these products now because they combine their product from all around the country. Negotiations are under way to allow Northland Waste to move their product through Waste Management's depot. We hope to be able to resume accepting these materials for recycling again before Christmas.

Waikare Road - collection point

This collection point has been closed and signs erected to advise the public to take their waste to the Whangae Refuse transfer station. The illegal dumping has not ended but the mess has been reduced.

Russel Landfill, Russell

Staff met with the Ministry for the Environment (MFE) regarding the \$100k grant they are offering to install a weigh



bridge at the Russell Landfill. Applicants are meant to produce a detailed project plan and have the terms of funding agreed, and signed off by Christmas

MFE wanted to know if we were going to resume landfilling at Russell or close the landfill. Their funding assessment prioritises funding of weigh bridges at landfills rather than transfer stations. Staff explained that we were engaging a consultant to assess the stability of the site, make a risk assessment of operating the site and make a recommendation that we could take to Council.

MFE agreed to provide a hold on the funding offer until the end of April 2022 to give us time to get the report done.

Arnold Rae Park, Kaitaia

The community has requested speed humps on the road through Arnold Rae Park Kaitaia due to concerns about traffic speeding through there on their way to and from the Kaitaia Resource recovery centre. The Mangonui Rugby Football Union committee support the request to install judder bars. Staff will investigate whether Community Board consultation is required.

ECO SOLUTIONS OCTOBER REPORT 2021

Schools: 9 lessons and 29 hours of school support provided.



Tamariki at Doubtless bay Kindy had the best day doing composting at Arama Gardens followed up with an upcycling lesson later in the week. We also had a great time composting / worm farming with a home school in Mangonui. They had a fun time learning about Plastic in the Ocean and how we can use less plastic. We used some level three time to pop into Kaitāia Primary school while the kids were at home and do a big repair job on the walls of one of their earth brick clay-walled garden beds. Now that they can see this example of what they should look like, we'll book in to head back and repair the other one alongside the tamariki and kaiako. This method of building is a great way of re-using waste and learning how to build your own little earth hut, or even whole whare!

Communities:

We had a great turnout for the community workshop hosted at Arama gardens. Many local people were unaware of the community garden and as a result of the workshop I am sure they will be making the most of it as well getting loads of tips for their home compost and worm farms.

We had a great day in Taipa that was well supported by the iwi and community alike. We embedded a beach clean-up with planting the dunes, looking at what litter we collected and discussing the impact it has on the sea life.



The Kaeo Market Day was a big success, lots of community members got to make their own masks out of upcycled material and tool belts from jeans recovered from going to landfill. We also had a plastic in the oceans display and took the opportunity to enlighten people about micro plastics and macro plastics and how plastic breaks down in the environment as well as did the event recycling



We spent time giving the Anō anō clothing rescue front window a spruce up, ready for when we open back up for the community. We spent time supporting the Anō anō kaupapa, and the local schools and community by making wetbags for muddy clothes at Ahipara Sandhoppers, reusable bin liners for paper towel collection at kindies (both out of old broken tents), and laundry sacks for the Kaitāia laundry made from old sheets, as an alternative to big black plastic bags!

Online posts: We had 26000 views on Facebook on a variety of topics such as upcycling, composting & worm farming. Check out our EcoSolutions Facebook page.

Businesses: It has been a quiet month for business although all Far North Businesses have been invited to composting workshops, provided with updated recycling signs and waste management posters; as well as the update recycling guide on our website and multimedia posts.

EcoStar: We are looking forward to offering compost collection to EcoStar organisations in Kaikohe, Kerikeri and Paihia, this month we have updated the recycling guide and offered a recycling infographic which outlines what can be recycled for free, and how to join the compost connection!

Community Compost Connection



We have taught over 350 people how to compost and supported the installation of 210 compost systems over the last two months throughout The Hiku.

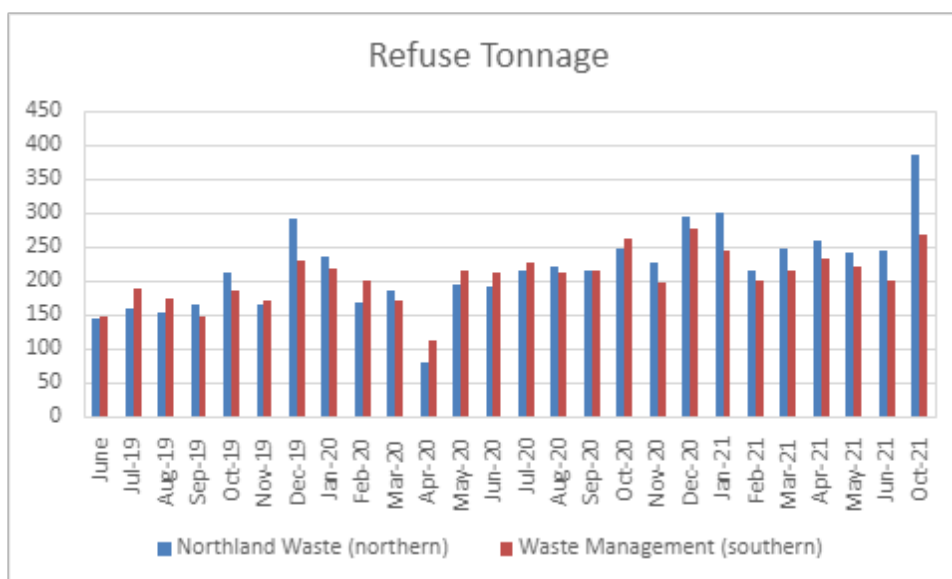
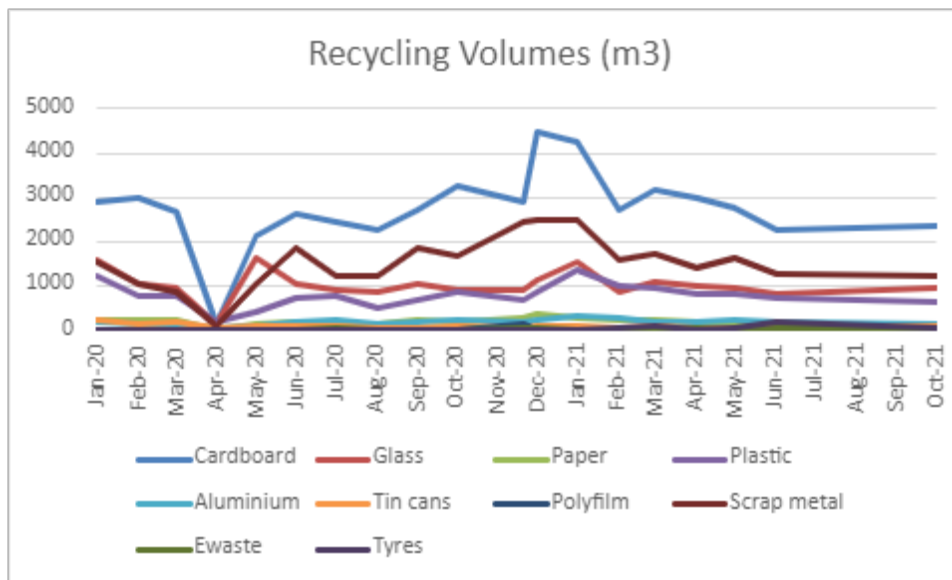
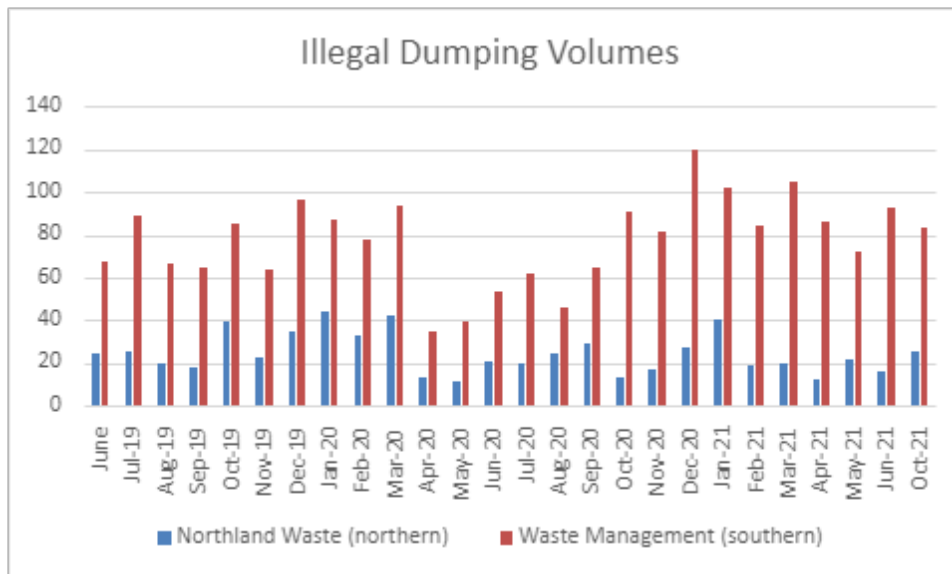
We have installed another compost hub in the Hokianga which will process kitchen scraps from the hospital and turns them into compost which will be used in the organic garden to feed the patients! They are also keen to process school and kindergarten compostable waste but need a shredder to start.

We are pleased to welcome five new Para Kore kaitiaki into our team and are looking forward to increasing our presence in the Hokianga and Kaikohe, and an increase in a Te Ao Māori view in our education.

LITTER INFRINGEMENT ACTION

OCTOBER actions - no fines were issue, sent to Court, waived or paid in October 2021 therefore, there is no report/information to provide.

SOLID WASTE STATS



SWIMMING POOLS

The pools at Kerikeri and Kaitaia were due to open on Labour weekend, Saturday 23 October however due to COVID disruptions this was delayed until the following weekend Saturday 30 October. Kaitaia was able to open however Kerikeri experienced further delays into November.

Kaitaia Pool

The pool was opened 30 October and is underway for the summer season.

The contractor has successfully completed the switch to Liquid Chlorine and the replacement of the flood lighting.

Kerikeri Pool

Opening was delayed into November due to a shipment of chemicals requiring balance and sanitise the water being delayed. During the winter the High school has had a regulations accessibility ramp installed at the pool which has further impact on the delivery method of large 200litre chemical drums. Future deliveries will require a HIAB truck

Hapori has completed the following works:

- Replace shut-off valves approx. \$3,000
- Waterblast and paint dive pool that will partially mitigate water loss \$14,000

Staff are arranging the following works in November:

- Repurposing a drought response water tank to increase the storage capacity and therefore efficiency of top ups and backflushes. This work involved meeting with the school's Property Manager to confirm the school's agreement to the installation of the water tank and to review some of the other works deemed to be maintenance (contractor responsibility) e.g.: works to the grandstand and Hazardous Goods shed roller door.
- Repairs to the electrical mains switchboard as replacement parts are unable to be sourced due to COVID delivery issues.

Kaikohe Pool

The Kaikohe pool is due to open early December. In November, the painting of the pool and resealing of expansion joints work will be carried out however, we may have to settle for the repair of the shut off valves and manifolds (previously reported for replacement) due to on-going COVID disruptions and the availability of suitably qualified contractors and the delivery of parts.

1. Replace shut-off valves, remove old fittings, and construct new manifolds etc. approx. \$10,000
2. Due to leaks, reseal expansion joints and paint pools being \$30, 000

Discussions have been initiated with the Ministry of Education and Northland College regarding the future of the pool while also noting the draft Lindvart Park Development Plan proposes an area for the inclusion of a pool at a later date.

Ministry of Education discussions have been parked for the duration of the season and will be revisited at the end of 2021/21 summer season.

COMMUNITY / COUNCIL FACILITIES

OCS Audits

LOCATION	Jan '21	Feb '21	Mar '21	April '21	May '21	June '21	July '21	Aug '21	Sept '21	Oct '21	Comment
Kaikohe Headquarters - Lockwood	97.4	97.4	96.1	97.0	95.6	96.4	95.79	0	97.0	98.0	
Kaikohe Headquarters – Annex and upstairs	97.3	96.8	95.1	96.1	96.6	96.1	96.0	0	96.0	98.0	

LOCATION	Jan '21	Feb '21	Mar '21	April '21	May '21	June '21	July '21	Aug '21	Sept '21	Oct '21	Comment
Kaikohe Headquarters – Publications	92.1	97.5	97.1	97.0	96.5	97.2	97.3	0	0	98.0	
John Butler Centre – Level 2	97.5	98.1	97.2	96.7	96.3	96.5	95.79	0	97.0	97.0	
John Butler Centre – Level 1	98.2	98.2	97.2	97.9	97.2	97.4	95.6	0	98.0	98.0	
John Butler Centre – Ground floor	98.1	98.0	97.47	96.0	96.3	97.3	96.7	0	97.0	99.0	
Rawene Service Centre	NA	97.6	NA	97.0	NA	NA	NA	0	0	NA	
Kaeo Service Centre and Library	98.2	97.4	NA	NA	NA	NA	96.0	0	95.0	99.0	
Procter Library	97.3	96.1	96.0	96.8	95.7	95.1	95.58	0	96.0	99.0	
Paihia Library	96.4	97.0	NA	96.3	95.6	95.9	95.37	0	0	NA	
Kaikohe Library	94.3	91.9	97.1	96.0	96.8	97.3	97.6	0	0	NA	
Bay of Islands Information Centre	95.9	NA	NA	96.1	NA	NA	95.7	0	0	99.0	
Hokianga Information Centre	NA	97.8	NA	96.8	NA	98.1	NA	0	0	NA	

Kaingaroa Hall

Council has replaced the water pump that was stolen.

Lake Ohia Hall

We are yet to hear back from Waka Kotahi re the issue of the disruption and on-going use of the lay-bay outside the hall by trucks and stock trailers etc.

HOUSING FOR THE ELDERLY

Council own and maintain 147 Housing for the Elderly Units at 12 locations within the district. District Facilities staff are in the process of establishing a programme of 'asset' inspections to be carried out every 4 months. Current vacancy information is below:

		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-20	Dec-20
# units vacant Ready for refurbishing		1	0	3	0	3	0	3	1	0	1	0	0
	North			Oxford Puckey		Oxford St		Oxford Puckey			Oxford		
	West	Waima		Kaikohe		Rawene		Rawene	Kaikohe				
	East					Kawakawa							
# unit Upgrades in progress	TOTAL	8	8	8	11	7	5	5	5	3	4	8	8
	North	Awanui (2), Oxford	Awanui (2), Oxford	Awanui (2), Oxford	Awanui (2) Oxford Puckey	Awanui (2) Puckey	Awanui	Awanui	Puckey		Oxford	Awanui (2), Oxford, Kohukohu	Awanui (2), Oxford, Kohukohu
	West	Rawene, Kaikohe (2), Omapere Kohukohu	Waima, Rawene, Kaikohe (2), Omapere	Waima, Rawene, Kaikohe (2), Omapere	Waima Rawene (2) Kaikohe (3) Omapere	Waima Rawene Kaikohe Omapere	Waima Kaikohe Omapere	Waima Kaikohe Omapere	Waima Kaikohe Omapere	Waima Omapere	Waima Omapere	Rawene, Kaikohe, Omapere	Rawene, Kaikohe (2), Omapere
	East						Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa		
# units completed (returned for tenanting)	TOTAL	0	1	1	1	2	3	0	3	2	1	0	0
	North			Ahipara	Oxford		Awanui, Puckey		Oxford Awanui	Puckey	Oxford		
	West		Kohukohu				Kaikohe (2)	Rawene		Kaikohe	Kaikohe		
	East												

COUNCIL / COMMUNITY BUILDINGS

Raihara Storage, Kaikohe

The lease over this facility has been extended to February 2022 to allow sufficient time to remove all items stored inside including several IT and CDEM items/drought equipment.

Pioneer House, Kaitaia

Discussions continue to confirm what is needed to ensure the building is compliant regarding a BWOFF. This involves input from the Te Ahu Museum who have continued to occupy a part of Pioneer House that was upgraded as part of the move of treasures to the garage at the rear of the premises and the Kaitaia People's Centre.

BUILDING WARRANT FITNESS COMPLIANCE (BWOFF)

Council manage the BWOFF compliance of 18 sites spread across the district. Facility uses range from Community Halls, Councils Offices, sports complex and others.

BWOFF status for OCTOBER

Site Name	Ward/Area	Address	Expiry date	Testing frequency	STATUS
Oruru Community Hall	NORTHERN	SITE CLOSED	SITE CLOSED	SITE CLOSED	SITE CLOSED
Procter Library	EASTERN	Cobham Road	11-Dec	Monthly/Annual	Compliant
Kerikeri Sports Complex	EASTERN	27 Waipapa Rd	5-Dec	Monthly/Annual	Compliant
Rawene Service Centre	WESTERN	Parnell St	31-Oct	Monthly/Annual	Compliant
Kaitaia Resource Recovery Centre	NORTHERN	Tahuna Rd	27-Oct	Monthly/Annual	Compliant
FNDC Kaikohe HQ	WESTERN	Memorial Ave	31-Jul	Monthly/annual	Compliant
Lindvart Park Pavilion	WESTERN	Penny Cress	16-Jul	Monthly/ Annual	Compliant
Awanui Sports Complex	NORTHERN	94 State Highway 1	30-Jun	Monthly/Annual	Compliant
Totara North Hall	NORTHERN	Totara North School Road	1-May	Monthly/Annual	Compliant
Kaero Community Hall	EASTERN	State Highway 10, Kaero	30-Apr	Monthly /Annual	Compliant
Opononi RSA Hall	WESTERN	15 State Highway 12	30-Apr	Monthly /Annual	Compliant
Mangonui Hall	NORTHERN	130 Waterfront Drive	30-Apr	Monthly /Annual	Compliant

Site Name	Ward/Area	Address	Expiry date	Testing frequency	STATUS
Rawene Community Hall	WESTERN	9 Parnell St	30-Apr	Monthly /Annual	Compliant
Herekino Hall	NORTHERN	Kaitaia-Awaroa Rd	30-Apr	Monthly /Annual	Compliant
Russell Community Hall	EASTERN	17 The Strand	30-Apr	Annual	Compliant
Kaikohe War Memorial Hall	WESTERN	Memorial Ave	30-Apr	Monthly /Annual	Compliant
Waipapa Hall	EASTERN	Waipapa Loop Rd	28-Mar	Monthly/Annual	Compliant

LEASES / AGREEMENTS

Discussions are underway whereby leases will be negotiated, administered and managed by Council's Property Officer, resulting in District Facilities being responsible for maintenance issues only. A handover of the leases are underway. In the meantime, leases and agreements being progressed :

- 2021-22 Hundertwasser Trust Agreement re the Hundertwasser toilets, Te Hononga toilets / shower, car park and reserve: in negotiation.
- Russell Tennis Club – lease negotiations and proposed club room plans: progressing
- Mangonui Netball Club – occupancy discussions re the Te Hiku Sports Hub complex: progressing
- Awanui Progressive Ratepayers Incorporated (APRI) - agreement concerning the reserve /wharf use etc.: progressing
- Kaitaia Plunket – TBC
- Ruapekapeka – License to Occupy re land for the purpose of establishing a toilet: progressing
- Te Hiku Sports Hub – TBC
- Whangaroa Marina Trust – supply of water agreement to the public toilets: progressing
- Coastal Kayakers – request to remove building underway as LTO expired 31/10/2021 with no RoR. There is also a substantial amount of rent owing that is being worked through. Notice received that building will be removed. Working with the licensee to ensure this happens and site reinstated to a reasonable condition.
- Kerikeri Croquet Club – request to renew lease: progressing
- Kerikeri Car Club – request to have a lease on Council land (on hold as no land identified)
- Kerikeri Bowling Club – lease renewal: progressing
- Okaihau Playcentre – NZPA have sold the building to the Ohaeawai Education Community Trust (OECT). Council is preparing a draft lease with OECT for consideration. It is proposed the draft land lease will be presented to the Community Board and Council meetings in December: progressing
- Hokianga Treks – with Legal Services: progressing
- Opononi Bowling club – with Legal Services to be fully executed
- Hokianga Coastguard – with Legal Services to be fully executed
- Paihia Waitangi Kindergarten – with Legal Services for lease to be renewed
- Kerikeri sports complex Lease – on hold
- Russell St Johns and Medical Centre – with Legal Services to be fully executed
- St Johns Ambulance Ahipara – with Legal Services for lease to be renewed
- Te Kohanga Reo o Houhora – with Legal Services new lease required
- Hihi Community Centre (proposal) – with Legal Services new lease required
- Tumanako o Kaitaia Kohanga Reo Trust – with Legal Services new lease required
- Te Rarawa Rugby Football Club – with Legal Services new lease required
- Omatai Waka Ama Club – with Legal Services lease to be extended for another 2 years
- Mangonui Rugby Football Club – with Legal Services new lease required
- Mangonui Cruising Club – Hardstand lease expired. With Legal Services who are considering the term of 10 +10 years: progressing
- Doubtless Bay Squash and Racket Club – with Legal Services
- Doubtless Bay Croquet Club – with Legal Services to be fully executed
- Northland College Pool MOU – Progressing with input from Ministry of Education
- Volunteer Agreements – Terry Greening and Te Kaha Place walkway, Russell Landcare and Waitangi proposals: progressing

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 Routes) 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 set the project teams up well to achieve construction deadlines.

At Peria Road, the fifth and final section has been sealed, after spending the winter waiting for the weather window to open back up again.

At Ngapipito Road, construction works have continued into the winter months, as we have been able to focus on drainage and subbase pavement construction on this site. The first 1.5km has been sealed and we are on track to completing the sealing of the balance of the project prior to Christmas.

Ruapekapeka Road, this month has focused on contract award for stage 2 construction, and finalising the design for the SH1 intersection improvements. Work is due to start in mid-November.

SUMMARY - OCTOBER

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.

The seal extension at Peria Road was split into 5 sections, with 1-4 being completed prior to winter. The weather finally presented an opportunity to seal the 5th section in October.

There is still work to do to complete the project though, including the installation of guardrails on a number of sites identified by the safety audit. Geotechnical designs and pricing for 2 slip repair sites is well underway. There has been a new significant new slip on Fairburn Road that has reduced the road to a single lane as result of the heavy rain event in October. This is technically outside of the scope of work for the PGF project, but we will work closely with the NTA to ensure this slip is repaired as quick as possible.

Bridge upgrades

The bridge strengthening works will start with 'full deck replacements' on 4 bridges, followed by 'specialist structure improvements' on a further 4 bridges on this priority 1 route from SH1 Fairburn Road to SH10 Oruru Road.

Pricing for Package 1 works has been received and is within the engineers estimate values. This work is programmed to start in November 2021.

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.

Good progress has been made on this 5 km seal extension project when you consider the poor weather conditions experienced in October. The first 1.5km section has been sealed and pavement construction and sealing will continue in November, with completion of the full length still on track for December 2021. There have also been a number of slips on this project as a result of the heavy rain events in recent months, but we have managed to repair these during construction.

Ruapekapeka Road

Stage 1 - Weather has prevented the recommencement of earthworks on site in October. We have resource consent approval to place more fill material on DOC land and the site of a future carpark extension development planned by the Trust. Contractors will be back on site in November to complete the earthworks and final pavement construction/sealing of this section of the project.

Stage 2 - The tender has now been awarded to United Civil, with commencement of physical works programmed for mid-November. The delivery mechanism for Stage 2 utilised the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. The tender documents were peer reviewed by the Northland Transport Alliance, NZTA and Council.

Consultation with affected landowners has continued this month and we have written approval from ALL affected landowners. The consent has been lodged with letters of support from affected parties.

Stage 2 includes the State Highway 1 intersection improvements, but this scope of work has been separated from the seal extension contract. The design of the intersection improvements has been completed and the associated consent application has been lodged.

Waka Kotahi (NZTA) have requested that they lead the delivery of the Intersection Improvements works. The benefits of doing this include a faster consenting process, the delivery/quality/consenting risks would sit with NZTA (it will be their asset when completed) and they can fast track the construction work through their NOC maintenance contract.

PROGRAMME OVERVIEW

Priority 1 Routes

We will not achieve the completion milestones due to Covid impacts, including material supply delays for bridge strengthening works and specialist contractors for slip repair works are based outside of the Northland Region.

A request has been made for a variation to the funding agreement to extend this date to **30 June 2022**.

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

► Priority 1 Routes Programme Milestones			
Deliverable	Original Completion Date	Variation Completion Date	Status
<ul style="list-style-type: none"> • ECI agreement in place • Stage 1 investigation and design complete 	30 September 2020	Achieved	Green
<ul style="list-style-type: none"> • Stage 2 design complete • Stage 2 construction underway 	31 December 2020	15 March 2021 - Achieved	Green
<ul style="list-style-type: none"> • Stage 2 construction complete 	31 March 2021	30 November 2021	Yellow
<ul style="list-style-type: none"> • Final completion of surfacing MSQA reporting and monitoring paperwork 	30 June 2021	30 December 2021	Yellow

Ruaapekeka Road

We have requested a variation that relates to the completion dates for Stage 2 works. This includes moving the completion dates for Stage 2 Construction complete, and Final completion of surfacing to **April 2022**. In addition to the milestone variation, we have also formalised the funding reallocation request.

► Ruaapekeka Road Programme Milestones			
Deliverable	Original Completion Date	Approved Variation Completion Date	Status
<ul style="list-style-type: none"> • Funding Agreement executed by both parties • Investigation and design underway 	August 2020	Achieved	Green
<ul style="list-style-type: none"> • ECI agreement in place • Stage 1 investigation and design complete • Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020. 	30 September 2020	Achieved	Green
<ul style="list-style-type: none"> • Stage 2 design complete • Stage 2 construction underway • MSQA reporting and monitoring paperwork 	31 December 2020	28 February 2021 - Achieved	Green
<ul style="list-style-type: none"> • Stage 1 construction complete • MSQA reporting and monitoring paperwork 	31 December 2020	30 October 2021	Green
<ul style="list-style-type: none"> • Stage 2 construction complete • MSQA reporting and monitoring paperwork 	31 March 2021	30 November 2021	Yellow
<ul style="list-style-type: none"> • Final completion of surfacing • MSQA reporting and monitoring paperwork 	30 June 2021	30 December 2021	Yellow

FINANCIAL OVERVIEW

▶ Priority 1 Routes	
Total Claimed to Date	\$8,238,442
Total Contract Value	\$14,200,000
▶ Ruapekapeka Road	
Total Claimed to Date	\$1,256,150
Total Contract Value	\$6,500,500

The Redevelopment of Strategic Roads - Priority 1 Roads Project has identified savings in both the 'bridge strengthening' and 'intersection improvements' scope of work. This 'surplus budget' has been identified for reallocation to support the budget deficit identified for the Redevelopment of Strategic Roads - Ruapekapeka Road Project.

KEY RISKS AND OPPORTUNITIES

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

- Covid-19 Alert Levels – Recent alert level changes and lockdowns will impact on programme deliverables, material supplies and increased costs.
- Material supply delays and increased cost associated with the bridge strengthening works (deck replacements), which includes reinforcing steel in large quantities. We have asked our designers to quantify these materials early and investigate with suppliers prior to engaging contractors.
- Damage from storm/rainfall events – Recent rainfall events in Peria and Ngapipito Road have caused slips and washouts requiring repair works.

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

1. Covid-19 Alert Levels – Recent alert level changes and lockdowns will impact on programme deliverables, material supplies and increased costs.
2. Utilities assets (potential risk of relocation of Fibre Optic Cable and Power Poles) – Identify early during set-out and survey phase.
3. Stakeholder expectations (landscaping, parking, artwork etc.) - Communicate the scope and budget limitations and work with stakeholders to identify priorities and opportunities during design and construction.

STAKEHOLDER COMMUNICATION

Landowner consultation is ongoing along Ruapekapeka Road. Some properties are significantly affected by the proposed works and we have required their approval for road alignment and consenting purposes. Discussions will continue through the consent process, but all landowners have given their approval in writing.

Consultation has continued this month with Te Ruapekapeka Trust regarding the location of the new Pou and the general layout of the SH1 intersection design.

BROADER OUTCOMES

The following figures reflect the broader outcomes we're achieving with this project.

	Total people working	Total created roles	Total expected future jobs
Priority 1 Routes	52	42	12
Ruapekapeka Road	25	21	30

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 November 2022 (Variation to the funding agreement with MBIE has been approved).

SUMMARY – OCTOBER

FNDC and the project team have set up an initiative to assist local, smaller contractors achieve Sitewise accreditation who don't currently meet this prequalification criteria. To date, 25 contractors have registered for this assistance and 14 have achieved Sitewise since last November. 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. In addition we have put 32 people through Working at Heights, MEWP and Management and Handling of Hazardous Substances.

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.

Playground equipment has been ordered for all 3 locations, with a 10-12 week lead time based on Auckland returning to level 3.

KAITAIA UPDATES

NEW WELCOME SIGN

Local artist Richard Murray, who designed the work inside Te Ahu atrium, was given a brief to use the original sign as a basis for the new one but to incorporate the themes displayed in Te Ahu to tie in the history and culture of Kaitaia.

The seven pou are represented by the Corten Steel figurines on top of the 7 poles and mirror the pou in the Te Ahu Atrium; the five iwi, the Dalmatians and the Europeans. The koru on the apex beams are the Te Hiku o te Ika design that is now featured on the back of the old Warehouse building.

Kaitaia means abundance of food. The frame of the sign represents a food house, or pataka to represent Kaitaia's name. With the apex shape of the roof leaving the central pou higher than the others it is important not to differentiate one people group over another. Rather than risk this perception each pou is identical to be representative of our collective community.

Because the sign is mostly to be viewed from moving vehicles the design methodology has been to keep it big, bold, large fonts and use large silhouette shapes to highlight the two concepts (night/day).

The sign is a standalone piece and has the potential to be an iconic marketing brand unique for Kaitaia. It is the first impression doorway into Kaitaia welcoming visitors using the three languages representative of our people groups. It is designed to plant a seed of enquiry for visitors to investigate further who the 7 people of Te Hiku are and what does Kaitaia mean. The exact location of this sign is still under negotiation.



Original Welcome sign prior to the roundabout going in at Pak'n Save



New Concept for Welcome Sign by Richard Murray



Night Concept for Welcome Sign by Richard Murray

ALLEN BELL PARK

The first BBQ shelter was completed at Allen Bell Park this month. There are 5 in total going into Te Hiku under this project; Allen Bell, Jaycee Park, Korora Park, Ahipara, Foreshore Road, Ahipara and Awanui Reserve. Allen Bell Park now has 4 new picnic tables and 3 bird seats for the community to use while watching the basketball game on court or in the new park scheduled for completion at the end of February.



Procrete installing the bird seats



Recreational Services staff assisting to drop the tables on their concrete bases with BBQ shelter in the middle

MEMORIAL PARK, BANK ST



Kaitaia now has their own pump track underway in the grass area in front of the existing Swimming Pools. Tables have been placed beside the existing footpath so that wheelchair and pushchair access is easier (once the security fencing is removed and the footpath is clear again). Bird seats have been set under the trees in preparation for the viewing of the talented tricks on the pump track.

The park is fenced off for security and safety reasons (thanks to Onsite Access in Kaitaia) and will stay intact until the pump track is opened to the public which is approximately 5-6 weeks including the landscaping.

NRC and FNDC jointly came to the party to allow the pump track to start the earth works as that part doesn't breach any consent issues. There is also a carpark with stormwater requirements that is currently being processed and construction will not begin until the consent has been issued.



Tables placed for easy access to wheelchairs/pushchairs



Bird seats in place ready to view the pump track track

AWANUI UPDATES

Streetscaping has continued to roll out in the township of Awanui. The traditional empty shop covered in blue tarpaulins for many years has now been replaced with memorable 'stamps' to reminisce on how the town used to be.



The windows of the empty shop owned by Bob Almond now adorned with pictures showing the history of the town

REPURPOSED TIMBER

One of our PWG team members, Suzie Clarke has gone beyond expectations, not only cleaning up recycled timber from our Unahi Wharf but also storing it to ensure it is kept safe for the works to be carried out in the Reserve and around the township of Awanui. The hardwood sleepers are popular with all members of the community and thankfully the wharf project saw the benefit in allowing the timber to be repurposed for the beautification in Awanui.

The community can look forward to seeing this timber used in the palisades coming into Awanui on SH10 as well as bollards around the reserve.

High Voltage Custom Metal Art are cutting out local designs from corten steel that will cap the timber posts.



AHIPARA UPDATES

SAVE THE DATE

Saturday
20 Nov
@ 10am

PUMP TRACK OPENING
Korora Park, Ahipara

Excitement is buzzing around Ahipara for the opening of the pump track.

The community have enjoyed watching the transformation of the design and build by Velosolutions.

Velosolutions is owned and operated by Craig Pattle, a world champion in his own right. Craig has built tracks both nationally and internationally.

Part of the build involves employing local people for 4-5 days to assist with the asphalt. All eight locals were not currently in employment and assisted over various days at Ahipara. Velosolutions then offered two of these local labourers full time work to build the Kaitaia track. This is exactly what the Kaupapa of this shovel ready funds were aimed at; employing local people who would otherwise not have work.

The collaboration and cooperation of our local businesses to get this magnificent asset ready has been incredible. CBEC have worked incredibly hard to get an irrigation system and planting done before the ready lawn is laid by Northscape Design. Kaitaia Plumbing have squeezed in the job to fit the irrigation system to the bore. All these contractors have gone out of their way to squeeze our tight timeframes in to meet our deadlines and we are extremely grateful.

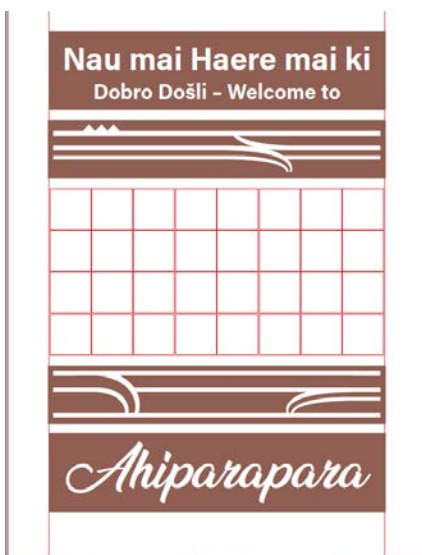


The Takiwa who carry out Cultural Impact Assessment reports for resource consent have completed this report as a koha to the Ahipara Aroha group and John Paitai supervised the digging of the soakage pits to have kaitiakitanga observation.

As the earthworks for the pump track didn't breach any consenting conditions, the FNDC allowed the track component to be constructed prior to the formal consent being issued. The consent includes an extension to the carpark area so this will not go ahead until the formalities are completed.

Kanoa, FNDC staff and councillors, the Mayor and local MP's have been invited to attend the opening of another project under the Te Hiku o te Ika Revitalisation funds.

WELCOME SIGN FOR AHIPARAPARA



As part of this project, the PWG are consulting with the community group called Ahipara Aroha which is a representative of the community and all its various volunteer groups such as Fire Brigade, Golf club, Takiwa, Ahipara School, Ahipara Sandhoppers, the marae, Coastal Patrol, Ahipara Board Riders club, Fishing club etc. The Ahipara Aroha community group have voted and agreed to incorporate the original name Ahiparapara into the new welcome sign. It is also changing its name at the upcoming AGM to reflect the importance of culture and history of the area.

A concept sign has been designed to reflect BJ Natanahira's cultural gateway as well as the digital noticeboard (red squares represent the LED screens that make up the board).

PROGRAMME OVERVIEW

The current programme aligns closely with the deliverables specified in the project agreements shown in the following table, however we have still not spent the funds we had planned at this time. Much of this is due to the designers, surveyors and engineers being unable to meet our timeframes with their current workloads combined with Covid Lockdown delays.

▶ Te Hiku O te Ika		
Deliverable	Completion Date	Status
<ul style="list-style-type: none"> The agreement executed by both parties. Project is 'shovel ready' 	30/10/2020	Green
<ul style="list-style-type: none"> Surveying, detailed plans and preparation for works at Ahipara, Awanui and Kaitaia. 	28/02/2021	Green
<ul style="list-style-type: none"> Awanui carpark & playground underway Ahipara carpark and playground underway 	30/05/2021	Green
<ul style="list-style-type: none"> Market square completed Streetscaping completed Awanui and Kaitaia Pump park completed in Kaitaia and Ahipara Awanui carpark and playground completed 	31/01/2022	Yellow
<ul style="list-style-type: none"> Ahipara walkways, Ahipara Streetscaping and Ahipara carpark and playground completed Recipient to provide evidence to the Ministry that the previous instalment has been spent. 	31/03/2022	Green
<ul style="list-style-type: none"> Kaitaia River walkway and cultural art erected 	30/4/2022	Yellow
<ul style="list-style-type: none"> Awanui Boardwalk completed 	31/08/2022	Green
<ul style="list-style-type: none"> Kaitaia Town square complete 	30/09/2022	Yellow
<ul style="list-style-type: none"> All works completed and project finishes 	30/11/2022	Green

FINANCIAL OVERVIEW

▶ Te Hiku O te Ika	
Contract	
October Claim Amount	\$177,450
Total spend to date	\$1,755,431

KEY RISKS AND OPPORTUNITIES

The following risks have been identified for Te Hiku Revitalisation Project and are being actively managed:

1. Covid-19 Alert Levels

Recent alert level changes and lockdowns will obviously impact on programme deliverables, material

supplies and potentially higher costs for physical works.

2. Professional Services

The workloads of engineers for detailed design is high and they are unable to meet our demands for the timeframes we are requesting. The delays are flowing down to procurement plans, quotes and engaging contractors to carry out the project work.

3. Cultural Artworks

The iwi have had some internal issues which has had a flow on effect to the production timeframes for some of our cultural gateway work. Although Awanui and Ahipara seem to be on track now we are very concerned about the Kaitaia structures.

4. Social Procurement Process

The kaupapa of the social procurement outcomes has proved to be challenging in terms of the extra time and follow up the project managers are required to do with less experienced businesses carrying out the contract works for these projects. It has highlighted the need for business management support that potentially is an opportunity for the Te Hiku Development Trust or Amotai to follow up.

5. Financial reporting

The lack of financial data passed on at the end of each month is becoming a challenge when trying to accurately report to MBIE regarding the expenditure of the Kanoa funding for the project. Project managers are having to estimate expenditure for MBIE reports, which is not desirable. The October claim has included adjustments for the over reported figures in the September report. Kanoa informed us that 'work placed' was not 'contracts awarded', but referred to third party contracts expensed so those figures were also adjusted to reflect the changes in expected reporting.

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, 25 contractors have registered for this assistance and 14 have achieved Sitewise since last November. 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. In addition we have put 32 people through Working at Heights, MEWP and Management and Handling of Hazardous Substances.

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.

Velosolutions is training up two local labourers on the build of a pump track in Kaitaia after showing promise in the assistance of the asphalt for the Ahipara track.

CIVIL DEFENSE EMERGENCY MANAGEMENT

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

NATIONAL EMERGENCY MANAGEMENT AGENCY UPDATE (NEMA)

The past month has been very eventful, and continues to be, with the shifting Government approach to COVID-19 and the ongoing Alert Level 3 restrictions in Auckland and Waikato and the imposing of Level 3 restrictions to the far north of Northland. NEMA recognises CDEM Groups and other partners for their commitment to supporting the national response to the pandemic, and the role they are playing in helping communities access vaccines.

The Governments approach to COVID-19 is still developing and at the time of this report details are still to be confirmed and a national COVID-19 protection framework is still to be announced. COVID-19 will become an endemic threat which will continue to impact the most vulnerable within our communities particularly in Northland.

The Government's \$10 million fund, administered by NEMA, to maintain water supply in periods of drought will be fully committed, after the remaining on-hand claims are assessed. Accordingly, NEMA will no longer be able to accept new claims. The fund was established in March 2020 and was intended to help those who needed access to water but were unable to meet costs. Generally, support was not expected to be provided to those able to meet such costs themselves. A portion of the funding has been used to support a sustainable long-term community-based project to improve water security through an initiative developed by the Te Hiku iwi. While the uptake of the remaining fund by local authorities was modest compared to the amount allocated, this reflected the uncertainty in estimating demand at the time the fund was approved combined with the unpredictability of the severity of the drought and the need to ensure sufficient funding would be available to those who needed it.

NORTHLAND CDEM GROUP UPDATE

Local CDEM activities for the last three months have largely being confined to COVID19 resurgence response and administrative tasks because of varying levels of lockdowns over this quarter. Planned community meetings during this period have been postponed and will be rescheduled in conjunction with communities most likely in the New Year as restrictions allow.

Community engagement activities where low levels of COVID-19 restriction has allowed have included meetings to review the South Hokianga Community Response Plan. As determined by the former Community Response Group, the current plan incorporated an area from Waipoua forest headquarters in the south to Whirinaki in the east. Because of a decline in the membership of this group through people moving away from these communities, the impact of the 2020 drought, COVID19 and fire events in the Hokianga, there has been a request from both the Waimamaku and Whirinaki communities to reduce the area of this plan and develop their own plans and establish their own community groups. Two community meetings have since been held at Waimamaku and a steering group has been formed.

An audit and update of IT equipment for the Emergency Operation Centre (EOC) has been undertaken by the Far North District Council IT Team. All laptop computers have been checked, programs updated and WIFI enabled. A monthly schedule has now been setup for the check and update of all EOC laptops.

Continued and ongoing Iwi engagement and participation with the Te Hiku Delta Response Group in response to COVID-19 has been undertaken to encourage and assist with personal, community and Marae preparedness.

In a collective effort to support the Ministry of Health COVID-19 Vaccine and Immunisation Programme, Civil Defence Officers, staff from the Department Conservation Kaitaia and Fire Emergency New Zealand combined resources that included a FENZ owned mobile Canteen Unit to assist with catering for the public at the “Super Saturday Vaxathon” locations in Kaitaia and Ahipara on Saturday 16th October. More than 200 vaccinations were carried out on the day.



Emergency Warnings and Advisories requiring Northland Civil Defence to monitor or support:

- COVID19 Variant Response - ongoing
- Three Severe Weather Watches and 1 Severe Weather Warning were issued for 7/8 October.

Heavy localised rainfall caused by a slow-moving front from this warning caused catchments to rise suddenly within the confines of the Mangonui and Kaeo area.

This further resulted in a landslip at Te Ngaere thought to be caused by land clearing activities above properties that impacted on a house on Wainui Road. Fire Emergency New Zealand and Council were responded, and a dangerous building notice issued to the affected structure.

- Four Severe Weather Watches were issued for 20/21 October
- Three Severe Weather Watches and three Severe Weather Warnings were issued on 22/23 October (Labour Weekend)

The weather preceding and during Labour weekend can be considered a long-drawn-out event from Thursday to Sunday, as there were no significant breaks in the rain for most of this period.

Rainfall intensities were not very high during this event with maximum intensities below 10mm per hour at most weather stations. Touwai north-east of Kaeo recorded the highest intensities of around 20mm per hour briefly on the evening of 23 October.



APPENDICES



DIA FUNDED PROGRAMME

The majority of these projects are reported in the relevant work sections above. This table provides a summary of all the projects in this programme of work.

	Project	Opex	Capex	Progress	Commentary
1	Awanui River Weir	X		Planning	Scoping and Design complete with procurement approvals now underway. Consent planning in progress
2	Enhanced Water Leak Repairs	X		Planned	Programme established for Spring/Summer about to get underway – minor delay to start due to latest lockdowns so current programme dates are Nov to April
3	Ex Res Chlorine Measurement	X		Planning	Up to 17 sites will be reviewed for Chlorine monitoring requirements and re-configured as required - scope and implementation plan prepared with Far North Waters. Procurement plan to be finalised Nov
4	Monument Hill Deep Bore		X	In progress	Bore Design and Quality Testing Complete. Sustainable Yield Assessment & Consenting in progress (scheduled Oct21). Reticulation and Electrical Design in progress. Procurement for final stage in progress
5	Kaitaia Water - Sweetwater		X	In Progress	This is a DIA contribution to the overall FNDC project. Limited activity during August and September due to latest lockdowns with project completion now scheduled for April 2022 (DIA funds will be utilised prior to March 2022). FNDC Legal team continues to engage with landowner for easement agreements.
6	Kawakawa Water Take Consent		X	In Progress	Further testing is required to determine if there is a path to amend this consent. Due to Covid delays, additional testing underway Oct/Nov 2021
7	Kerikeri Clarifier		X	In progress	Scope is complete and now with delivery for procurement and execution. Procurement plan being finalised. View to award contract Dec 2021
8	Leak Detection Equipment		X	Planned	To support Project 2, this equipment is planned for purchase. Procurement plan complete; purchase to complete Nov
9	Network Model Review Lead	X		Complete	After unsuccessful recruitment, Stellar Projects were appointed to run this activity through to 31 March 2022
10	Network Model Updates	X		In Progress	These updates will occur across 3 stages – Gap Analysis for all 3W networks, Data gathering and then model build or update. Gap analysis in final stages and flow monitoring now underway – wastewater in place with water to follow. RFPs for model build/update and peer reviews being drafted
11	Okaihau Bore		X	Complete	Physical works associated with the bore were completed in April
12	Operational Data Management Software	X		In Progress	Water Outlook has been chosen as the supplier of choice for this software. Project progressing well with an expected full implementation by Dec 2021
13	Paihia Water Intake Screen		X	In Progress	Amended activity plan defined and physical works scoped by FNW, work to be scheduled
14	Regional allocation		X	In Progress	Regional initiatives as agreed with other Northland entities. Some funds have been diverted to support work in 3W reform transition workstreams
15	Water Main Renewals		X	Planning	For accelerated water main renewals as identified by leak detection and condition surveys. Some funds from this have been redirected to project 18 to allow increased de-sludging activity
16	Water Safety Plan Lead	X		Complete	Water Safety Lead on board since March 2021
17	Water Safety Plan updates	X		In Progress	The project has entered its final stage of delivery with procurement complete and contract signed to update WSPs for all eight water treatment plants
18	Wetland Remediation	X		In Progress	Priority sites identified and de-sludging work is beginning. Opononi wetland cells clearing is underway. Funds transferred from project 15 will allow increased desludging work to occur where this is hampering wetland effectiveness - Taipa underway with Kaikohe being assessed

SOCIAL PROCUREMENT

EXECUTIVE SUMMARY – OCTOBER



FUNDING INITIATIVES PROJECTS

	COMPLETE
•	Animal Shelters - Northern Shelter
•	Otiria Rugby Club - (Pamela-Anne Ngohe-Simon)

Animal Shelters - Southern shelter -

- ▶ NRC Consent granted 7th April 2021. Resource Consent was granted 7th July 2021
- ▶ Building Consent Granted 20 October 2021
- ▶ Amended Elemental Costings Received 5th October 2021

- ▶ Dwelling and two outbuildings relocated from site
- ▶ Demolition of remaining structures and site clean-up still to be carried out
- ▶ Tender Award for Construction delayed, now scheduled for early February 2022
- ▶ Construction now scheduled to start early March 2022
- ▶ Construction now scheduled for completion early November 2022.

Kawakawa Safety and Streetscape Improvement Project - (SPL)

Project Status: Delivery phase

- ▶ All works were paused during L4 & first L3 lockdown. Works continue under strict safety protocols under current L3.
- ▶ Road art painting started
- ▶ Planters built
- ▶ Flags - may not be delivered due to budget constraints
- ▶ Ongoing comms to FNDC comms team with updates on post lockdown works
- ▶ Tubes for monitoring installed, first round of reporting completed. One section broken due to poor road surface.

Next Milestone:

- ▶ Works in central section of town – some items to be cut due to budget restraints
- ▶ Asphalt raised table install - delayed till mid Dec due to lockdown border restrictions – specialist crews coming up across Auckland border (lockdown permitting) - first application for cross border working for crew turned down, in process of re-applying.

Kerikeri Domain Improvements - (SPL)

- ▶ Resource consent - Approved and conditions met.
- ▶ Skate Ramp Decommissioning - Removed from site to Moerewa.
- ▶ Demolition and site preparation to design levels- Completed by TarMac. Site levels contoured and filled to match new design levels
- ▶ Stormwater infrastructure delayed due to supply issues of materials resulting from Level 3/4 Auckland lockdowns. Works programmed in for Mid-November
- ▶ Skatepark Construction - Circle D Construction (Dave Crabb) works commenced. Multiple concrete pours undertaken and timber ramp almost complete.
- ▶ Basketball - Local Maori Contractor (Buildflex) works commenced. Subbase prep, foundations and boxing underway.
- ▶ Playground - PLAYCO design fixed and procurement underway. Will be delayed due to Covid Lockdown. Civil & structural documentation to be completed in November to procure contractor. New Year build targeted. Play shade sails design and under fabrication.
- ▶ All Furniture associated with Skatepark Basketball court and playground ordered with delivery December.

- ▶ Park path and softscape - Park path associated with Basketball, Skatepark and Playground under construction. Rest of loop on HOLD.
- ▶ BBQ areas -on HOLD.
- ▶ Fitness Equipment -on HOLD
- ▶ Lighting - on HOLD

Lindvart Park/Sportsville Kaikohe - (Griffiths)

- ▶ The project remains in the preconstruction phase with Civil documentation complete and Building Consent lodged on 4 November for the Civil and Infrastructure works. The enabling works package has been delayed from starting due to budget deliberations with KDS board, FNDC and Wider team. The board have agreed to reduce scope of the project in order to reduce overall cost - as such a 430m² area of the building has been removed from the projects scope. Discussions on the reduction of scope have progressed with MBIE and they are supportive of the outcome. This design change is being incorporated and developed design is nearing completion. Building consent lodgment for the main building is due to be lodged Feb 2022.

Mangonui Waterfront Development - (FNHL)

- ▶ Consents in place. Contract awarded to United Civil Construction Ltd. Construction of gravel path and pedestrian crossing complete. Installation of streetlights in carpark and at pedestrian crossing are scheduled for November, along with piling for the Boardwalk. Completion now scheduled for Jan 2021. Most of the boardwalk construction works will be done via a barge. This will reduce disruption to road users and pedestrians.

Moerewa Safe Streets - (SPL)

Project Status: Delivery Phase

- ▶ Ongoing comms to FNDC comms team with updates on post lockdown works
- ▶ Tubes for monitoring installed and first report received
- ▶ Asphalt raised table install - delayed till mid Dec due to lockdown border restrictions – specialist crews coming up across Auckland border (lockdown permitting) - first application for cross border working for crew turned down, in process of re-applying.

Next Milestone:

- ▶ Asphalt raised table install - Dec
- ▶ Crossing installation

Ngawha Innovation Park - (FNHL)

- ▶ Earthworks and civil works continue to date. The month of October recorded the highest rainfall in history this year and this has affected the earthworks on the park, on all 3 sites. The Horticulture Hub being the worst affected; not being able to move much earth. Regent Training Centre has had the floor slab completed and structural steel framing has started. The Innovation Hub has had floor slabs completed and timber and steel framing constructed offsite. Installation will start in November. NorthTec foundations have been poured and slab prepared. The Corrections site has had minor earthworks underway. Design work continues on Berries packhouse, Olivado Pack House and

corrections site. Building materials are still being disrupted by Auckland's COVID-19 restrictions, but overall, good progress was made on the building sites in October and we are hoping for a dry November for earthworks.

Northern Adventure Experience Ltd - (TBIG)

Opua Cycle Trail: Resource Consent concept design and documentation is complete with Resource Consent applications to be lodged; however, the design has been rejected by Bay of Islands Vintage Rail (BOIVR). The NAX Working Group met on 27 Oct and agreed to Council's proposal for BOIVRT to provide an OOS to carry out a concept design endorsed by Engineers for Council's consider. The OOS is expected 5 Nov.

Investigations into an alternative route via Whangae Rd and Oramahoe Rd have commenced. UCC have been instructed to scope & price improvements to the roads. Minimal scope likely to be restricted to re-grading where required, formation of rest areas & signage. Due 10 November.

Haigh Workman have carried out a preliminary scoping exercise for an off-road cycleway from Old Whangae Rd to join Whangai Rd (links Kawakawa with alternative route to Opua. HW to provide a fee OOS to carry out the remaining design works for the proposed Old Whangae Rd Track for Council approval.

Further design works remain on hold pending Council decision.

The current works proceeding on the Cycle Trail are:

High level investigation and concept for an alternative route via Whangae Rd

Te Raupo Rd: Maintenance gravelling & passing bay works are complete. Bridge design for Bridge T49 replacement in progress. Topographical Survey was undertaken with remaining design for final road form to follow. BOIVRT have been requested to provide a proposed concept vehicle/rail crossing design for Te Raupo Rd to provide ongoing resident access once the rail is restored as part of the Cycle/shared path concept design scope. Ongoing consultation with Te Raupo residents is being led by Suzie Hati-Scott.

Paihia Waterfront Development - (FNHL)

Detailed design currently being peer reviewed. Dredging tender closed, with award dependent on main ROI timing. ROI for the main contract released and evaluation underway. Due to the effects of lockdown and summer tourism season, physical works will commence in Q1 of 2022. While there is some slippage of our internal programme, overall we are on track to meet the 2023 completion date.

Pukenui Wharf - (FNHL)

Consents granted and construction underway. Pukenui and Unahi tenders awarded to Total Marine Ltd. Piling of main wharf structure almost complete. Has taken longer than expected due to method of pile set verification required by engineer. Second barge has arrived onsite which will accelerate pace of work, scheduled for December completion.

Rangitane Boat Ramp - (FNHL)

Detailed Design Underway. EPA fast track consenting application lodged in September with consent to be issued in December. Reports from ecologists, engineers and landscape architect show no adverse effects arising from the development. Residents Association are yet to hand over the jetty consent, so at this stage it won't be constructed as part of the main project. Discussions on-going. Construction scheduled for Jan 2022 to Sep 2022.

Strategic Roads - Priority 1 Routes - (HC)

Peria Rd - The final section of Peria Road has now been sealed.

There is still work to do to complete the project though, including the installation of guardrails on a number of sites identified by the safety audit, and the bridge strengthening works which will start with 'full deck replacements' on 4 bridges, followed by 'specialist structure improvements' on a further 4 bridges on this 'priority 1 route' from SH1 Fairburn Road to SH10 Oruru Road. Geotechnical designs and pricing for 2 slip repair sites is well underway. There has now been a significant recent new slip on Fairburn Road that has reduced the road to a single lane as a result of the heavy rain event in October. This is technically outside of the scope of work for the PGF project, but we will work closely with the NTA to ensure this slip is repaired as quick as possible.

Ngapipito Road - Good progress has been made on this 5 km seal extension project when you consider the poor weather conditions experienced in October. We managed to seal the first 1.5km section in October. Pavement construction and sealing will continue in November, with completion of the full length still on track for December 2021. There has also been a number of slips on this project as a result of the heavy rain events in recent months, but we have managed to repair these during construction.

Strategic Roads - Ruapekapeka Road - (HC) Stage 1

Weather has prevented the recommencement of earthworks on site in October. We have resource consent approval to place more fill material on DOC land and the site of a future carpark extension development planned by the Trust. Contractors will be back on site in November to complete the earthworks and final pavement construction/sealing of this section of the project.

Stage 2 - The tender has now been awarded to United Civil, with commencement of physical works programmed for mid-November. The delivery mechanism for Stage 2 utilised the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. The tender documents were peer reviewed by the Northland Transport Alliance, NZTA and Council.

Consultation with affected landowners has continued this month and we have written approval from ALL affected landowners. The consent has been lodged with letters of support from affected parties.

Stage 2 includes the State Highway 1 intersection improvements, but this scope of work has been separated from the seal extension contract. The design of the intersection improvements has been completed. The consent application for the intersection has been lodged.

Waka Kotahi (NZTA) have requested that they lead the delivery of the Intersection Improvements works. The benefits of doing this include a faster consenting process, the delivery/quality/consenting risks would sit with NZTA (it will be their asset when completed) and they can fast track the construction work through their NOC maintenance contract.

Ongoing liaison has continued with Te Ruapekapeka Trust, with the focus now moving to finalising the design of the new Pou structure and associated works at the SH1 Intersection.

Tai Tokerau Kaikohe Safe Streets - (SPL)

Project Status: Delivery Phase

- ▶ Ongoing comms to FNDC comms team with updates on post lockdown works
- ▶ Asphalt raised table install - delayed till mid Dec due to lockdown border restrictions – specialist crews coming up across Auckland border (lockdown permitting) - first application for cross border working for crew turned down, in process of re-applying.

Next Milestone

- ▶ Monitoring Nov, Dec
- ▶ Asphalt raised table install – Dec

Te Ha o te Ao - (Jitka Hyde)

Agreement of Works has been signed. Welder was appointed and asked to order the steel pole so preparation can start. Safety barrier contractor indicated the availability is now in January due to lockdowns and border restrictions to the North. Another contractor was contacted for a quote and earlier installation possibility. Bruce from Buildall who was pre organized to do the onsite work became unavailable due to the length of time taken in getting MoU and Contracts for Work signed. Chris is dealing with another construction company for the foundations. Due to the length of time in liaising with Waka Kotahi, the continuous Covid lockdowns, challenges in the supply chain and port congestion, it is resulting in increases in raw material costs from original quotes obtained, with some revised quotes increasing considerably. We are in the process of updating the original budgets with the new quotes to determine the shortfall (if any) in funding.

Te Hiku o te Ika Revitalization - (HC) –

The current programme aligns closely with the deliverables specified in the project agreements, however we have still not spent the funds we had planned at this time. Much of this is due to the designers, surveyors and engineers being unable to meet our timeframes with their current workloads. MBIE have approved a variation to the funding agreement to move out milestones and the completion date of the project to November 2022.

Kaitaia

As a result of the revitalisation project, Kaitaia has been named one of two finalists in the Small Town category. Award ceremony delayed until Covid level allows. A 30 second promo has been created for use by Keep New Zealand beautiful.

Artworks provided by Kiri & Grayson Clarke have proved so popular there have been requests to have more on the Northern side of the old Warehouse Building. Concept designs approved, installation scheduled for October. As a result of the visibility and popularity of their artworks, Kiri & Grayson have secured additional commissions outside of the Te Hiku project. Combined with knowledge gained from attending MSD courses, they have been able to create a viable business for their artworks, and importantly have been able to come off the benefit.

Ahipara

Our first Pump-Track has been constructed, with the associated landscaping programmed for completion in early November. Foreshore Road Footpath stage 1 has been completed, with section 2 (Panorama Rd to Wreck Bay Rd) design now completed and will commence procurement in November.

9 out of 22 bird seats have been installed by Procrete who are working under the guidance of Stonecraft construction. Remainder will be installed once Covid lockdown levels allow.

Awanui

Wet weather has delayed installation of tables, but will continue when it improves.

Porthole artwork has been installed. Gate artworks (3) has been installed. Landscaping mostly complete.

General

Playground equipment has been ordered for all 3 locations, with a 10-12 week lead time based on Auckland

returning to level 3.

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.

FNDC and the project team have set up an initiative to assist local, smaller contractors achieve Sitewise accreditation who don't currently meet this prequalification criteria. To date, 25 contractors have registered for this assistance and 14 have achieved Sitewise since last November. 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. In addition we have put 32 people through Working at Heights, MEWP and Management and Handling of Hazardous Substances.

Unahi Jetty - (FNHL)

Detailed design complete, Resource Consent granted, Exemption Building Consent granted. Tender awarded to Total Marine Services Ltd. They are planning on employing Stonecraft as local subcontractors. Pukenui and Unahi to be awarded to the same contractor to save on establishment costs. Precast deck panels and headstocks delivered to site. Site blessing for demolition. Barge mobilised to site ready to demolish the wharf (scheduled to start in October 2021). Project works to start with demolition in October 2021, and be completion delayed by one month to Feb 2022.

Waipapa Sports Complex - (SPL)

The works on state highway 10 are progressing well, looking to complete by December 21. The Budget adjustment have been presented to the Working Group and have been acknowledged. It has been requested that a paper be prepared for council to validate the budget and scope for December meeting. Notified Resource Consent is underway.

Monthly Highlights:

SH10

- ▶ Installation to telecom chambers and pull pits.
- ▶ Booking of cutover of services .
- ▶ Driveway constructed.

Resource Consent

- ▶ This will be due for approval in January/February 2022.
- ▶ Once RC is issued, then field construction can commence.
- ▶ Pricing to for detailed design is underway.

Communications & Engagement

- ▶ An update to the website has been made following feedback from the Working Group.
- ▶ Signage brief received.



FNDC 20/21 CAPITAL AND RENEWAL PROGRAMME UPDATED



NOTE – as budgets are yet to be finalised – updates will come through in November.

VENTIA – CONTRACT 7/18/101

ROAD MAINTENANCE AND RENEWALS - MONTHLY REPORT



EXECUTIVE SUMMARY

According to the Kerikeri weather station we have had more rain in the first 10 months of this year, (300mm more to be precise) than any year on record since 2007. October was a main culprit in this statistic with the Southern area of the FNDC network seeing an incredible 420mm of rain, 220mm of this over one weekend. We have had teams attending to slips, fallen trees and flooding issues over the past week and a half and by the end of this week all outstanding issues from the storm that have been identified will be completed barring under slips which require Engineering.

Our maintenance patrol teams have been busy clearing grates and potholing thanks to the weather to ensure the public have as safe passage as possible. The maintenance graders have been jumping around the network keeping the public RFS under control post rain along with a smaller than usual amount of maintenance metalling being spread where required.

As we move into drier weather (hopefully) in November it will allow us time to finish off the pre-seal patch sealing. Waimatenui Rd slip repair was made safe before the latest lot of rain, with no further material making it down to the road thankfully.

The latest spraying round has commenced with the mowing well underway in the spring weather.

Ngapipito Rd seal extension continued through October with 1.6km sealed and stabilisation of the next section occurring this week, with the target to have the road between Moerewa and SH15 fully sealed by the end of November. The weather triggered a few slips to come down which were dealt with during the month by the team on site.

The concrete crew are nearing the completion of stage 1 of the Kings Rd rehab in Paihia. They will then morph into a pavement excavation crew on the same site, utilising their knowledge of the underground services and knowing the local residents/business owner's needs. Bayly Rd seal extension is in design phase with works due to commence later in November on enabling works.

In between umbrella events the reseals got underway, our sub-contractors have completed 14% of the programme with the Russell area being targeted first.

Enjoy the read.

WORK PROGRAMME

A total of 1935 individual work items were completed throughout the month of October which 1716 were routine find and fix issues, 2 was cyclic or part of annual rounds, 132 were programmed works, 22 were

Rainfall

Date	Oct
2021	420.8 ↓
2020	59.4 ↓
2019	127.6 ↑
2018	47.2* ↓
2017	80.2 ↓
2016	57.6* ↓
2015	61.8* ↓
2014	77.4 ↓
2013	28.8 ↓
2012	66.0 ↓
2011	94.0* ↑
2010	59.8 ↓
2009	86.7 ↓
2008	77.6* ↓
2007	56.0* ↓

Max	420.8
Avg	93.4
Min	28.8

renewals/capital projects, and 63 were callouts or emergency response works.

November 2021 forward works programme has been submitted in RAMM.



*Before/After - Horeke Rd – Heavy rain event
Respread followed by rip and remake.*

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in October

- 184 sealed potholes repaired
- 2554 unsealed potholes repaired
- 254 km of unsealed roads graded equating to 32% of the total unsealed network.

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in October:

- 4 Culvert ends cleared
- 1598m of heavy water tabling
- 370m of light water tabling
- 27m Culvert pipes replaced/new
- 24 Culverts flushed



Bolero Road - Culvert Replacement

We attended to two emergency culvert replacements during the month on Bolero Rd and Horahora Rd. Both collapsed in the rain. With the B4UDIG process taking a couple of weeks we filled in each site temporarily with material before being able to get back to each. A couple more of these are booked for November including one already done yesterday on Te Tio Rd.

ROUTINE INSPECTION REPORT

Sealed - There are currently 0 sealed inspections running overdue.

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

Drainage - There are currently 0 drainage inspections running overdue.

	Contractors Monthly Inspections (km)	
	North Area	South Area
Week 1		52.418
Week 2		81.697
Week 3		244.706
Week 4		214.736
Week 5		247.799
Total		841.356

ORDERED WORKS

As mentioned in the summary earlier we have been unlucky with the weather which has in turn caused delays on a few patches currently sitting open around the network. These are being repaired and sealed in the first week of November.



Stanners Rd – Bobcat Pre hoeing before Stabilising



Aucks Rd – After picture – Stabilised pre seal patch



Kerikeri Inlet Rd – Footpath vegetation trimming

METALLING TOTALS

421m³ of maintenance meal was applied to the unsealed network.

Test pit data and designs are 90% complete for the 21/22 draft unsealed pavement strengthening list.



Ohuri Rd – Maintenance Metalling

ROAD FURNITURE ACTIVITY

- 59 new signs installed or replaced (damaged or missing)
- 34 signposts replaced/new
- 91 signs re-re-erected or straightened
- 99 signs/posts cleaned
- 45 posts painted

The signs team were busy in October and with news over the weekend that the sign vandal is back at it around the Wiroa Road area, November will be hectic as well.



Koutu Boulders – New signs for tourist attraction

PAVEMENT REHABILITATIONS

Seal Extensions

Ngapipito Rd – RP3500 – 8435 (PGF)

The first 1.5km that was stabilised in September got its coat of seal in October while this was happening the pavement team continued to run in basecourse on the next 1.5km section. It was stabilised on 1st of November and by the end of this month the aim is to have the whole road sealed. A big change to the Moerewa to SH15 run. With the rain events it also meant some batters came down thanks to average clay materials, you will see some nice rock work below highlighting these repairs following the rain.



Ngapipito Rd – Above – New Seal, Below – Rock lined batter



Ruapekapeka Rd – RP4500 – 5800

Works are planned to recommence this month following the resource consent being granted on the clean fill site. Subbase testing occurring today. There is approximately 2 weeks work left for completion on this project.

Kings Rd, Paihia

Subsoil, kerb and channel and footpath replaced has progressed really well during the month. For November the target is to complete the footpath on the other side (shorter piece) followed by commencing the

pavement dig out and replacement. Works will be completed by Xmas for the Tourist season.



Kings Rd – Footpath Prep and pour

Bayly Rd

Test pit results have been received by Geocivil with the design due to be submitted next week. Earthworks is programmed to commence on 22nd November.

Other sites on the sealed pavement rehab list are - Waikare Rd, Kerikeri Rd and Ngawha Springs Rehabs, these are all at various stages of design/approval

RESURFACING

14% of the resealing/asphalting programme was completed in October. We targeted the Russell area in the first portion to make the most of the quiet time while the tourists are stuck in Auckland. During November we plan to seal another 15% of the network. Unfortunately, with the asphalt crew also trapped in Auckland the resurfacing programme is a work in progress until borders are loosened.



ROAD ACCIDENT REPORT

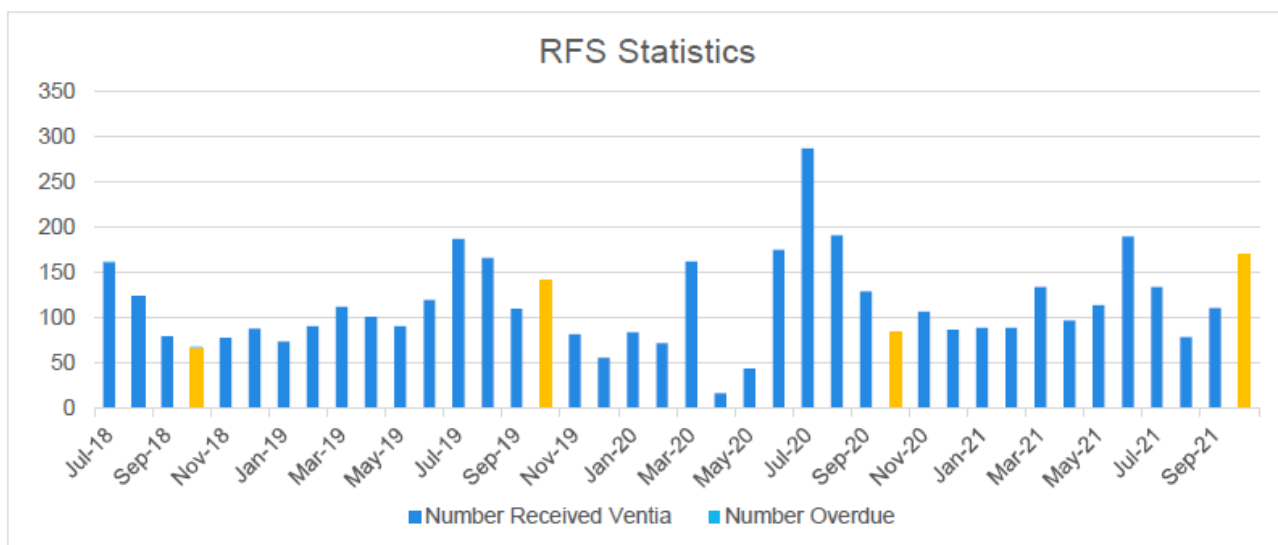
No accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for October were available at the time of this report. Ventia received 170 service requests during

October and had 1 overdue. The below graph shows the number of RFS's received by our branch each month during the NTA contract and any overdue. As October was a wet month with significant rainfall it meant the Request for services that were called through increased over last year during the same period.

Lots of slips, trees down and culvert blockages rung through post rain.



COMPLIMENTS

We received the following compliments in October

1) Re: *Queens View Rd, Russell*

Hi Aram,

It's been raining all day, the road works up on Queens Way has been successful, both the widening of the road and the tarseal lip curb, its directing the water flow away from Bryce's property so our property is now able to handle normal rain levels. The drains are all unblocked so the captured water is flowing down towards the lower catchment area on Long Beach road.

So in summary, you have made Bryce a happy man and we are no longer flooding from water coming over his property onto ours. Thanks very much for doing what you said you would do in the timeline you stated, I appreciate the council finally listening and resolving this issue.

With Best Regards,

Mark

2) *RFS4083671 - Oromahoe Road – Compliment*

Would like to pat the contractors on the back for the great road maintenance works that have been carried out on the mentioned road. Well done!

Thanks for the hard work.

3) *RFS4083434 - Kerikeri Inlet Rd*

Thanks for the super-speedy reaction, Marc!

That's much appreciated.

Boat trailers rumbling through potholes at 5 am are not fun !

Cheers, Tom

RAMM ISSUES

We experienced several Pocket RAMM and RAMM database issues, all reported to RAMM support and resolved after testing and resyncing of tablets

HEALTH AND SAFETY

With Level 2 protocols likely to be in place for a while longer we have made the call to still booked our monthly toolbox with the whole team for next Tuesday. In our toolboxes we run through industry alerts and lessons learnt, how the programme/workload is going, our safety reps all take a turn to discuss things brought up to them from the field, training coming up, recognition of good behaviours and actions through the month with a round of applause. We look forward to being able to invite those that wish to come along once we are back at level 1.

On the 7th, Axion Training held a Forklift endorsement course and on the 8th a Wheels, tracks, rollers course in our yard. 8 more people are now licensed to operate a Forklift and 6 new WTR operators 😊

On the training front

Once we can have our Frontline Leadership coordinator cross over the border our supervisors/foreperson's will recommence this training which has proved beneficial for all (current two modules complete). The training is split over 4 sessions and covers off areas such as: Measuring success as leaders (Effective vs Ineffective leaders), communication skills, the role you play as a leader, coaching staff, difficult conversations, problem solving and people skills.



In October Jaco and David commenced an 8 day (spread over 4 months) Essential Leadership course designed to test and improve leadership skills.

12 of our employees including me, will be on a 2 day first aid refresher course on 3rd & 4th November. This is the last course refreshing over 40 staff members through the "off season" it is a mandatory requirement at Ventia to hold a first aid certificate.

Incident Reports

Id	Date	Incident Type	Brief Description	Actual Consequence	Potential Consequence	Entered By	Status
VEN-EVT-2110	12/Oct/2021 02:35 PM	Utility Strike	While carrying out scala penetrometer testing on Te Tio Rd the scala struck a low pressure farmers water line in the carriageway of the road causing minor water loss. Service private and resident acknowledged this and repaired at their cost	Minor	Minor	Jamie Kitzen	Closed
VEN-EVT-2129	06/Oct/2021 01:30 PM	Equipment/Property Damage	Sealing crew, sealing patches, chip truck has had hoist up & struck overhead branch knocking it down, also bumped rotten tree which fell down as well. No plant damage or people in line of fire at time	Negligible	Moderate	David Caswell	Open
VEN-EVT-1940	04/Oct/2021 09:50 AM	Motor Vehicle	Truck & Trailer unit lost traction on hill, Ventia Ute behind moved back to give room and hit public vehicle. No people injured.	Minor	Minor	David Caswell	Open

Hazard Identifications

Id	Date	Reporting Structure	Hazard Title	Hazard Category	Status
VEN-HAZ-2561	23/Oct/2021 01:00 PM	Unassigned	Walkway steps between kitchen and fridge	Repetitive Movement	Closed
VEN-HAZ-2618	20/Oct/2021 12:00 PM	Puketona	Chip Spreading for sealing operation, soft spot on edge of road caused a fright for operator.	Uneven ground	Closed
VEN-HAZ-2375	06/Oct/2021 02:30 PM	Puketona	Line of fire, chip runner crossing behind moving plant.	Poor planning of work activity or task	Closed
VEN-HAZ-2377	05/Oct/2021 07:30 AM	Puketona	Insufficient amount of load binders to secure load on transporter so job stopped for reassessment.	Other	Closed

ENVIRONMENT

In October we had no notifiable incidents to report.

Over 20 slips have been cleared ranging from 1m³ to 100m³.



Rawhiti Rd South – Under slip



Waikare Rd – Large Over slip

Re: Litatrap update

Kia ora Jamie and Sophie,

Thanks for your ongoing support of this project. Please see attached the results of the autumn litter traps audit.

- A total of 5,709 items were captured in the 53 litter traps in the three months. This is a 17% increase
- on the number of items captured in the summer audit.
- Cigarette butts were again the most frequently captured item, with 2052 cigarette butts captured (36% of all items). Overall, the dominant source of litter was plastic (70%) followed by glass (8%).
- The worst site in the Far North District was the basketball court in Kerikeri (302 items). Williams Street car park also had quite a lot (159 items).

Ngā mihi

Richard Griffiths Resource Scientist – Coastal
Northland Regional Council

ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

Routine and cyclic rounds start at the financial year.

Biennial Painting of All Rails	0% completed - on hold due to funding
Biennial Parapet Painting of Bridges	0% completed - on hold due to funding
Annual Cleaning of EMP's	28% completed
Annual Sucking of All Sumps	0% completed – Round to commence in Feb 22
Biannual sweeping	0% completed – 1st round to commence in Nov 21
Urban Vegetation Spraying	5% completed - first round
Rural Vegetation Spraying	5% completed - first round

COMMUNITY ENGAGEMENT

Ventia Puketona helped prepare two TMPs for the community in October.

- 1) The Russell Baptist Church for an up and coming project of theirs.
- 2) Springbank Schools Annual Market fundraiser

We also had some kind words written up about our continued support for the Waitangi Bike Park.

This surfacing project was made possible with funding from NZ LOTTERIES GRANT BOARD, as well as some outstanding support from a local company that has donated thousands of dollars worth of materials to WMBP over the past 5 years: VENTIA - PUKETONA QUARRY. They once again have provided all of the gravel free of charge for all of the work above. Talk about keeping us world class! We can not ever thank them enough for this support.



RESOURCES

Our brand new 6m wide telescopic bitumen sprayer is nearing completion. With hydraulics and electrical work nearly done it won't be long before the finished tank is mounted onto the chassis and pre commissioning testing is carried out. We are expecting arrival in December and cannot wait.



FNDC TENDERED WORKS/OTHER

Although not directly working for FNDC the Rainbow Falls Rd rehabilitation commenced in October with the dig outs being completed and the overlay now well in progress. With sealing booked for November.



Rainbow Falls – Running in metal

Collaborating with our Kaipara Venita siblings we have started sealing their pre seal patches for the fourth year running. Also combining with Fulton Hogan asking us to carry out their pre seal patching rounds on the FNDC North Maintenance Contract, proving that having a local sealing resource is invaluable to ensure timely closing up of patches and public perception of road workers.



Unahi Rd – Awanui – Sealed Patch

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



SUMMARY

Attached is the Fulton Hogan monthly report for October 2021.

REHABS

Project	Completed This month	Programmed Next Month
2020/21 Projects:		
Pawarenga Rd Rehabilitation 2020-21	Sealed.	Sweep and line mark.
West Coast Rd Flood Mitigation 2019-20		Complete final signs install.
Church Rd Seal Extension 2020-21		Awaiting post construction safety audit recommendation for guardrail.
Peria Rd Seal Extension 2020-21	Run in metal, stabilise and seal Section 5. Started guardrail widening's.	Sweep and line mark Section 5. Continue guardrail widening's.
2021/22 Projects:		
Oruru Rd Rehab RP 7692-8310	Commence enabling works.	Complete clearing, earthworks and drainage.
Oruru Rd Rehab RP 13450-13800		Commence enabling works.
Kohukohu Rd Rehab RP9824-11181	Draft pavement design complete.	Price pavement works.
Summerville Rd Rehab RP0-184	Drainage design approved.	Commence drainage design.
Brass Rd Seal Extension RP15-1725	NTC received 29/10/2021. Walkover completed 2/11/2021.	Commence pavement investigations. Commence enabling works.
Parapara-Toatoa Rd Seal Extension RP62-920	NTC received 29/10/2021. Walkover completed 2/11/2021.	Commence pavement investigations. Commence enabling works.

MAINTENANCE SUMMARY

Unsealed Maintenance

- Grading 264.67 km
- Potholes 2911 ea
- Maintenance Metal 3194 m3

- Heavy Metal Overlay 0 m3
- Envelope Mowing 34.37 km

Sealed Maintenance

- Potholes 201 ea
- Edge break 20.4 m
- Berm mowing 170 km

Drainage

- Routine Maintenance 156 ea
- Heavy water tabling 7.31 km

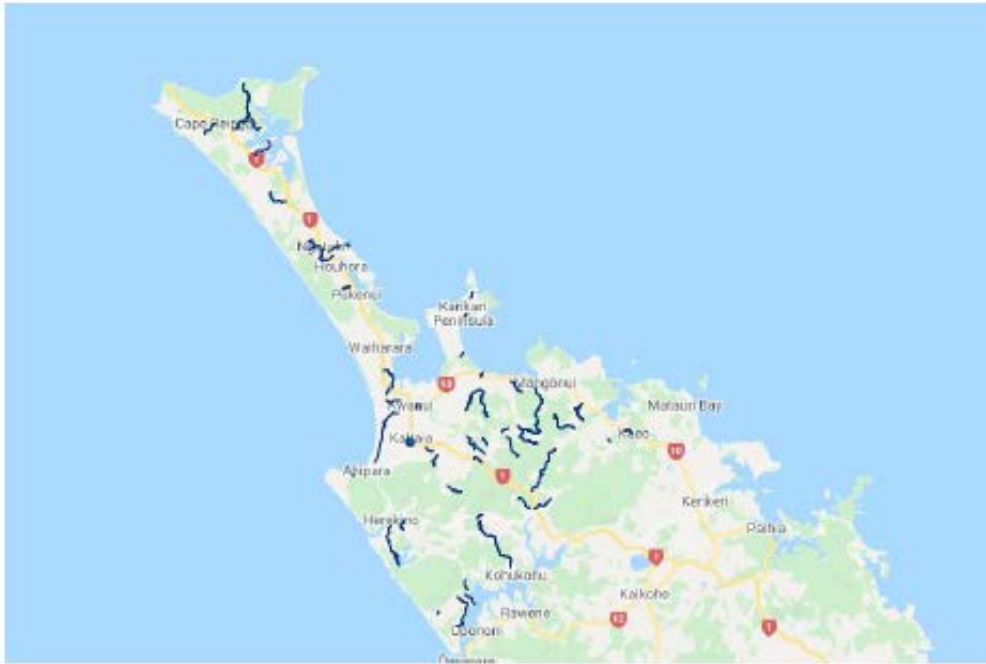


Figure 1: Routine Maintenance Grading Completed October 2021

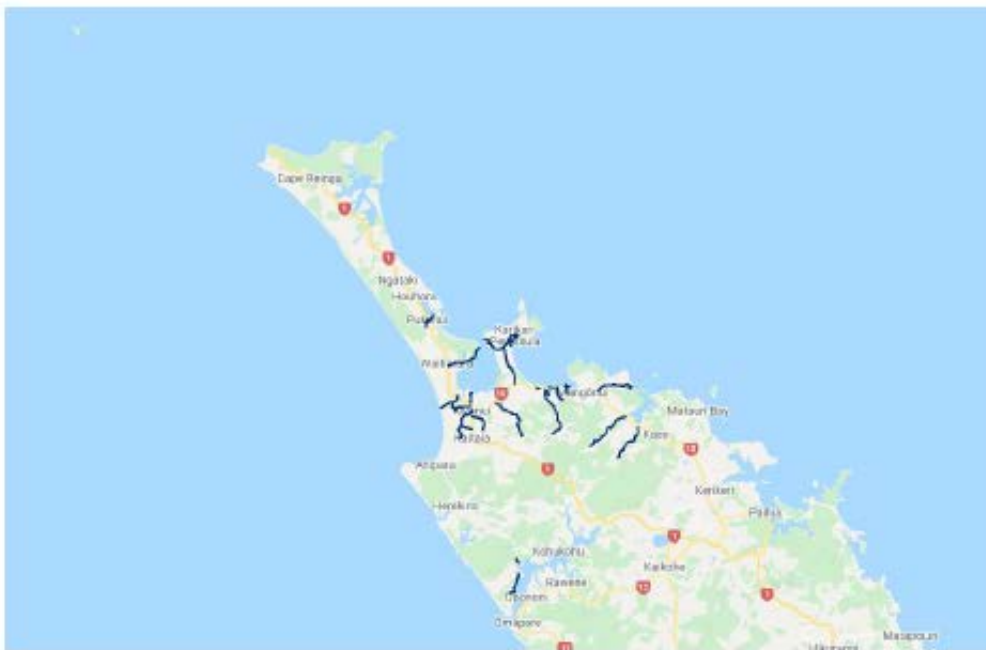


Figure 2: Routine Mowing Completed October 2021



Figure 3: Routine Potholes Completed October 2021

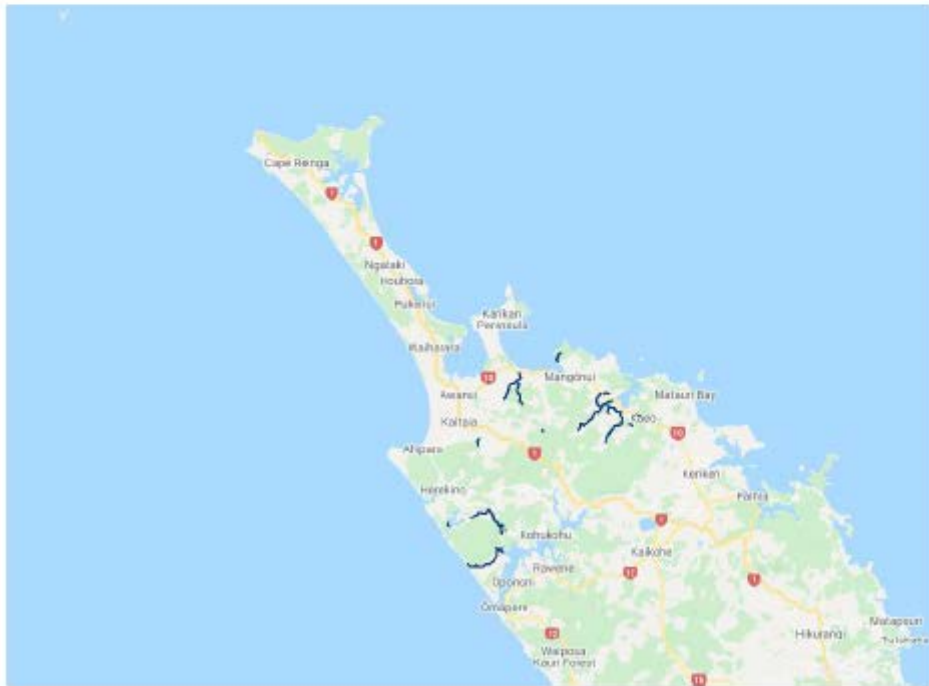


Figure 4: Maintenance Metal + Heavy Metal October 2021



Figure 5: Peria Rd Seal Extension Section 5 Overlay



Figure 6: Peria Road Seal Extension Section 5 Stabilising



Figure 7: Peria Rd Seal Extension Section 5 Stabilising



Figure 8: Peria Rd Seal Extension Section 5 Seal Prep



Figure 9: Peria Rd Seal Extension Section 5 Seal



Figure 10: Peria Rd Seal Extension Section 5 Seal



Figure 11: Oruru Rd Pre-reseal Watertabling



Figure 12: Oruru Rd Pre-reseal Watertabling



Figure 13: Oruru Rd Pre-reseal Watertabling



Figure 14: Pawarenga Rd Rehab Testing



Figure 15: Pawarenga Rd Rehab Sealing



Figure 16: Oruru Rd Rehab 1 Enabling works



Figure 17: Oruru Rd Rehab 1 Enabling works

HEALTH & SAFETY

No injuries this month.

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	0	2	354
Medical Treatment Case (MTC)	0	1	124
First Aid Injury (FAI)	0	0	1161

QUALITY AND TRAINING

Environmental non-compliance notices issued

- Nil non-compliances to report.

Notice to Contractor issued

- NTC 84 Reseals 2021-22 Confirmation
- NTC 85 Urgent Subcontractor Resource for Travel out of Auckland
- NTC 85 Unsubsidised Seal Extension Brass and Parapara Toatoa Rd

Training

- Nil

RAMM Issue for the month

- Nil

RFS Report

- Not received from Council

FEEDBACK

Subject: Re: RE-RFS

CAUTION: This email is from outside our organisation. Do not click links or attachments unless you recognise the sender email address and know the content is safe. [[Click here to report this email as spam.](#)]

Thank you !!.....much appreciated Gavin.

Regards
Tania

On October 29, 2021 at 7:55 AM "WEST, Gavin" <Gavin.West@fultonhogan.com> wrote:

Morning Tania, We have an crew out today doing sealed maintenance today and I have told them to make sure they repair the pothole you are talking about.

Kind Regards

Gavin West | Maintenance Supervisor | **Fulton Hogan Ltd** | Whangatane Drive, Kaitaia, 482 | PO Box 484, Kaitaia, 441, New Zealand | Phone +64 09 4086440 |

NOVEMBER PROGRAMME

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

Ordered works activities include the following:

- Pawarenga Road Rehab Linemarking
- Peria Road Seal Extension Linemark Section 5, Guardrail Widening's Sections 3 and 4
- Oruru Road Rehab 1 Large Clearing, Earthworks and Drainage
- Oruru Road Rehab Tree Clearing and Earthworks
- Parapara Toatoa Rd Seal Extension – Pavement Investigations and enabling works
- Brass Rd Seal Extension – Pavement Investigations and enabling works

NORTHLAND ACTIVITY UPDATE



There are no October updates for Waka Kotahi.

Activity	2021-24 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	\$91,550	0%	Amber	Waka Kotahi are working through the final program. A total of 168 lane kilometres will be delivered, which is more than the previous year. Construction season starts in September.
Low Cost / Low Risk	\$5.3M	95%	Green	<p>Far North District Council Projects</p> <p>SH10 Bush Point works - repairs to be carried out this year.</p> <p>SH12 Omapere to Opononi (3km) - Detailed Design for Stage 1 completed and survey completed for whole route. Awaiting confirmation of funding to proceed to physical works.</p> <p>SH1 Kawakawa Ped Crossing - A preliminary design has been completed for a raised platform and pedestrian crossing to the east of the township. Waka Kotahi are working with FNDC Innovative Streets Project team.</p> <p>Kaipara District Council Projects</p> <p>SH12 Oparakau Slip – All retaining walls completed, pavement work completed.</p> <p>LC LR Safety - Awaiting confirmation on funding levels for this year's Waka Kotahi LC/LR Safety programme.</p> <p>SH16 Waimauku to Helensville Fatigue Improvements - Detailed design for the whole corridor completed, ATP work has been differed due to R2Z Project. Wide Centre line to be installed and a flush median being installed at southern end of Helensville.</p> <p>Mangamuka Gorge: Currently open to all traffic. Final works are to be undertaken this spring.</p> <p>SH1 Mangamuka Gorge NZ Transport Agency</p>
SH1: Dome Valley Safety Improvements	\$31.7M	Late-2021	Green	<p>Work continues in stages 3 and 5, either side of the Dome peak. This work is planned to be completed in early 2022</p> <p>SH1 Dome Valley NZ Transport Agency</p>
Northland speed review		2021	Green	<p>New permanent speed limits have been announced for SH10 Awanui-Kaingaroa and will take effect from Friday 22 October. The outcome for the speed limit changes aligns with those proposed at consultation in 2020. However, due to their complexity, solutions for those areas near the marae at Kareponia and Mahimaru - where variable speed limits were proposed - will be delivered at a later date.</p> <p>Waka Kotahi will shortly be distributing a summary report for the engagement phase on nine sections of state highway in Northland. We are continuing to review technical assessments and the feedback received, with a view to presenting a more detailed proposal as part of a formal consultation process.</p>
SH1 Whangārei to Wellsford Standard Safety Intervention (Road to Zero)	\$4M	Underway	Green	<p>Pre-implementation underway for Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford). Conversations with key stakeholders, communities and affected landowners are underway. Some light construction (media barriers, etc) may commence early 2022, with main construction expected to commence mid-2022 (subject to funding and approvals).</p> <p>SH1 Whangarei to Wellsford NZ Transport Agency</p>

Activity	2021-24 NLTP	Completion	Progress	Commentary
SH1 Warkworth to Wellsford		Route protection	Green	<p>On 25 March Auckland Council granted resource consents, subject to conditions, for the Warkworth to Wellsford project. Waka Kotahi confirmed the NoR on 11 May 2021. The appeal period for the NoR closed on 1 July 2021 and several appeals have been filed with the Environment Court.</p> <p>Both resource consent and NoR appeals will now progress via usual Environment Court process. Once the Environment Court process has concluded Waka Kotahi will provide further information on the outcome of this process.</p> <p>Completing the route projection phase for this project will provide long term certainty for property owners, adjacent communities and the wider region. Waka Kotahi does not anticipate any works on the corridor commencing this decade.</p> <p>SH1 Warkworth to Wellsford</p>
SH1 Whangārei to Te Hana <ul style="list-style-type: none"> Whangārei to Port Marsden Highway - NZ Upgrade Programme Port Marsden Highway to Te Hana 		TBC		<p>To meet climate change and housing objectives, and manage debt responsibly following Covid-19, the Government decided to make changes to some of the projects within the NZ Upgrade Programme. For Whangārei to Port Marsden Highway, the Government has instructed Waka Kotahi to implement a new option for the corridor that focuses on safety improvements along the existing state highway, and the construction of a new rail line to Northport. The new option will support Northland's economic growth, improve supply chain resilience, reduce emissions and improve road safety. The current proposal to upgrade State Highway 1 to four lanes will not continue.</p> <p>Waka Kotahi and KiwiRail are now working together to further develop these projects for consideration by ministers. This will include confirming the scope, costs and timelines for the re-scoped projects, as well as carrying out economic analysis. The significant work already completed for the four-laning project will inform this development work.</p> <p>Waka Kotahi will be engaging with the community and key stakeholders about this project in November 2021, based on the feedback received on the Whangārei to Port Marsden Highway project last year.</p> <p>Whangarei to Te Hana NZ Transport Agency Whangarei to Port Marsden Highway</p>
SH1 Loop Road Safety improvements	\$49.65M	TBC	Amber	<p>With the recent changes to the NZ Upgrade Programme, the next steps for completing the southern works (new two-lane bridge and southbound taper lane) for the Loop Road project are currently being worked through.</p> <p>The Loop Road intersection will continue to operate as a single lane roundabout until a new bridge over Otaika Stream is constructed to take the additional southbound lane.</p> <p>Waka Kotahi are working through the final design and property requirements</p> <p>SH1 Loop Road Safety Improvements NZ Transport Agency</p>
SH10 Kaeo bridge	\$40M	Early 2024	Green	<p>Construction is about to commence, with a sod-turning event planned in November.</p> <p>Initial works will focus on preloading and earthworks on the eastern approach and widening the road at the site of the planned roundabout to give crews space to work on the western abutment.</p> <p>Traffic will be one-way through the site and vehicle-activated traffic lights will be in place from early November for the duration of the project.</p> <p>Kaeo Bridge NZ Transport Agency</p>
SH10 Waipapa corridor improvements	\$24.5M	October 2021	Green	<p>A completion event for this project was held on 1 October.</p> <p>Minor defects remain to be worked through, including a pedestrian crossing that will likely be moved on SH10 to enable better traffic flow.</p> <p>SH10 Waipapa Corridor Improvements NZ Transport Agency</p>
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	\$6M	Mid 2021	Green	<p>Traffic is flowing through operating roundabout and works are complete. Completion event with Minister scheduled for 21 November. Cultural design elements (pou, wall carvings) have been designed and constructed with local iwi.</p>



3 WATERS OPERATIONS

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

EXECUTIVE SUMMARY

- **RFS:** 295 Request for Service (RFS) call outs in October, down from 300 in September and up from 244 in August. This RFS count now includes Stormwater RFS's.
- **HR:** Recruitment in progress - Looking for Water Quality Manager (Laboratory), Treatment Manager, Leak Detection Supervisor, Laboratory Supervisor.
- **HR:** Recruitment completed – Sparky (01/11/2021), SHEQ Advisor (01/11/2021), Project supervisor (15/11/2021), Project Labourer X 2 (15/11/2021) – O&M service person (01/11/2021)
- **Preventive maintenance:** 63% (71 of 117 jobs completed)
- **Reactive Renewals:** A total of 12 RRW's were raised in the month of October.
- **Water Safety Plan:** Draft has been received and must be reviewed by the end of January
- **COVID:** Level 3 Lockdown from the 8th to the 18th of October, then Level 2

OPERATIONS & MAINTENANCE – WATER, STORMWATER AND WASTEWATER RETICULATION

- During Level 3, Work crews were managed within crew bubbles. Standard day to day preventative works, whilst still being undertaken, were reduced.

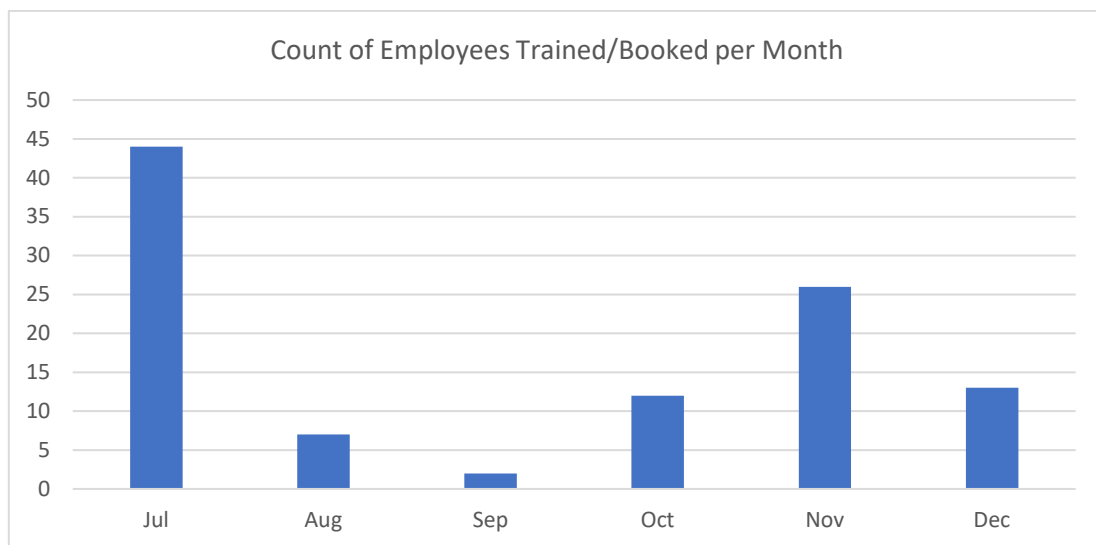
- Wastewater: Robust preventive maintenance plan is in place for the 170 pump stations, however Waitangi Major, Haruru and Road Runner PS in Paihia, likewise Kaeo PS required all our attention in October.
- Water: We are providing assistance for FNDC contractors in preparation for flow monitoring of nominated lines within the water reticulation network including reservoirs.
- Large volume leak identified on the Opononi water reticulation system. The raw water line supplying the Opononi WTP was damaged by the local landowner on two occasions, repairs made no water supply affect to community
- Stormwater – Drainage area: The change back to a L3 for the Far North has further affected the ability to carry out the work started earlier in August.

Water & Wastewater Treatment

- Training Two new operators is ongoing, priority to the Wastewater Treatment plant (Kerikeri, Paihia, Russell and Kawakawa)
- WTP Audit made by the FNDC 3 waters Engineer has been shared with the operators, action plans are in place for each Treatment plant.

TRAINING SCHEDULE

No training was completed in October due to Covid-19 Alert Levels. Training booking has now commenced again.



Upcoming Training

- NOVEMBER
 - Risk Assessment
 - Certified Handler
 - First Aid
- DECEMBER
 - Manage Hazardous Substances

HEALTH AND SAFETY

Safety Lag Indicators

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Injury - LTI	0	0	0	0	-	-	-	-	-	-	-	-	0
Injury - MTI	1	1	0	0	-	-	-	-	-	-	-	-	2

Risks and Opportunities

- Risk - Mobile plant and vehicles VOC's - Ongoing
- Opportunity - Electrical cabinets - Pumps stations in a maintenance program

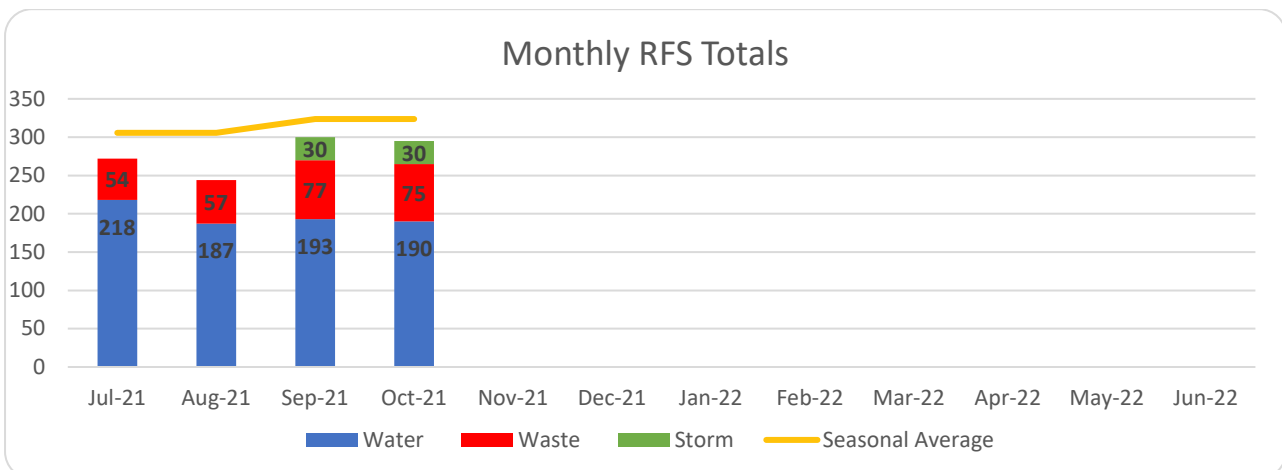
Key Activities:

- Health and Safety all staff meeting to be held on the 20th of October
- Regional HSE meeting has been moved to a Teams meeting
- Health and Safety Committee monthly meeting is 22nd October 2021

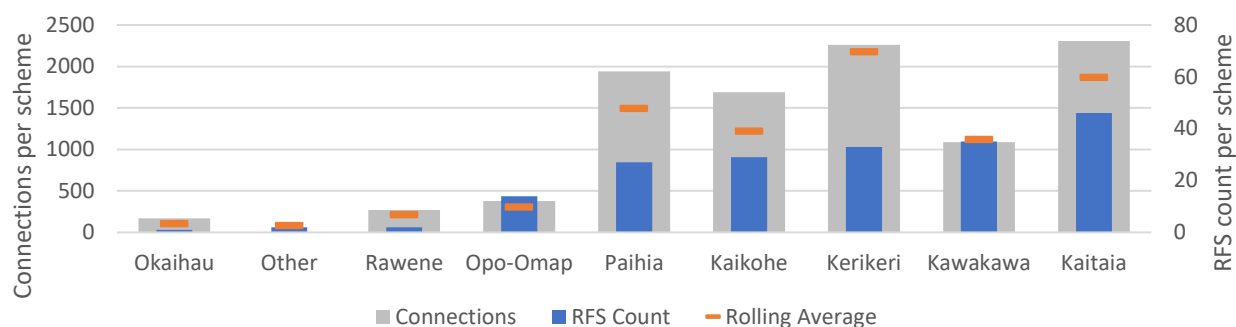
Incident Date	Severity	Description
05/Oct/2021 11:30 AM	Injury/Illness Sustained	Slipped over while traveling between inlet settling tank and treatment plant.
20/Oct/2021 04:30 PM	Motor Vehicle	Report Only - Non-Work Incident - Commuting home- Vehicle Collision on the one-way bridge

CUSTOMERS

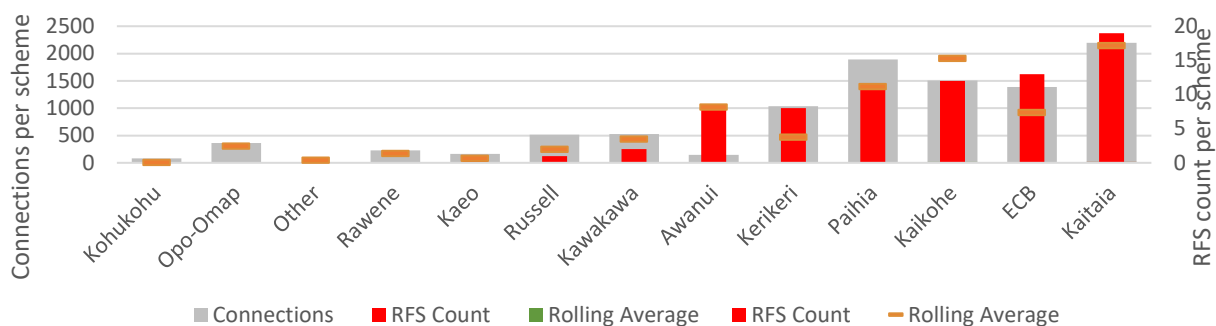
The request for service (RFS) total for October was 295, including 30 stormwater RFS. This is down from 300 in September, and up from 244 in August. This includes 96 RFS's for the North region, and 189 for the South region. The total for October 2019 was 241, and September 2020 was 367.



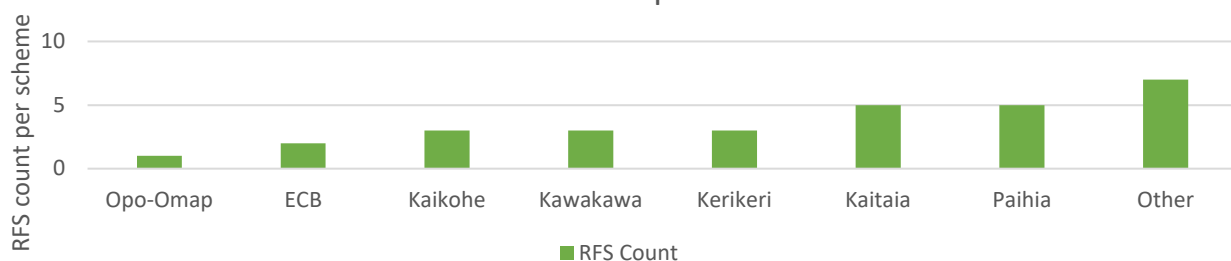
Water RFS and connection count per scheme



Wastewater RFS and connection count per scheme



Stormwater RFS per scheme



DIA REPORT – OCTOBER 2021

Sewerage Overflows Attend / Resolve KPI DIA/LTP/Alliance

Total Sewerage Overflow Submissions

9

Median Attend Time (Hours) DIA 6 (22a) LTP 3.1.3
TARGET <= 2hrs

1.43

Median Resolve Time (Hours) DIA 7 (22b) LTP
3.1.3 TARGET <= 4hrs

3.43

Water Urgent Attend/Resolve KPI DIA/LTP/Alliance

"Water-Urgent" Submissions

4

Median Attend Time (Hours) DIA 3a (30a) LTP 2.1.3
Target <= 2hrs

0.81

Median Resolve Time (Hours) DIA 3b (30b) LTP
2.1.3 Target <= 4hrs

4.13

**Sewerage Overflows Attend / Resolve KPI %
LTP/Alliance**

Attend KPI Met (%) LTP 3.1.5 Target >= 95%

88.89

Resolve KPI Met (%) LTP 3.1.5 Target >= 95%

77.78

**Sewerage Non-Urgent Attend/Resolve KPI
Alliance**

Total "Sewer Non-Urgent" Submissions

13

Sewer Non-Urgent Median Attend Time (Hours)
Target <= 24hrs

2.34

Sewer Non-Urgent Median Resolve Time (Hours)
Target <= 48hrs

3.88

**Dry Weather Overflows per 1000 Connections
DIA/LTP/Alliance**

No of Dry Weather Overflows

1

Dry Weather Overflows per 1000 Connections
DIA a (20) LTP 3.1.1 Target <= 12/annum

0.0863

**Sewerage Customer Satisfaction KPI
DIA/LTP/Alliance**

No of Sewerage Faults/Complaints

22

Complaints per 1000 Connections DIA 8 (23) LTP
3.1.4 Target <= 150/annum

1.90

**Water Non-Urgent Attend/Resolve KPI
DIA/LTP/Alliance**

"Water Non-Urgent" Submissions

102

Median Attend Time (Hours) DIA 3c (30c) LTP 2.1.3
Target <= 48hrs

17.2

Median Resolve Time (Hours) DIA 3d (30d) LTP
2.1.3 Target <= 72hrs

19.01

Water Other - Water Connections Alliance

"Water Other" Submission Connections Only

3

Water Other Resolve Time (Hours) Connections
Only Target <= 24hrs

144.95

**Water Customer Satisfaction (Quality/Continuity
of Supply) DIA/LTP**

Water Quality/Continuity Faults

15

Total Water Quality Faults per 1000 DIA 4 LTP 2.1.4
Target <=100/annum

1.47

PROJECTS

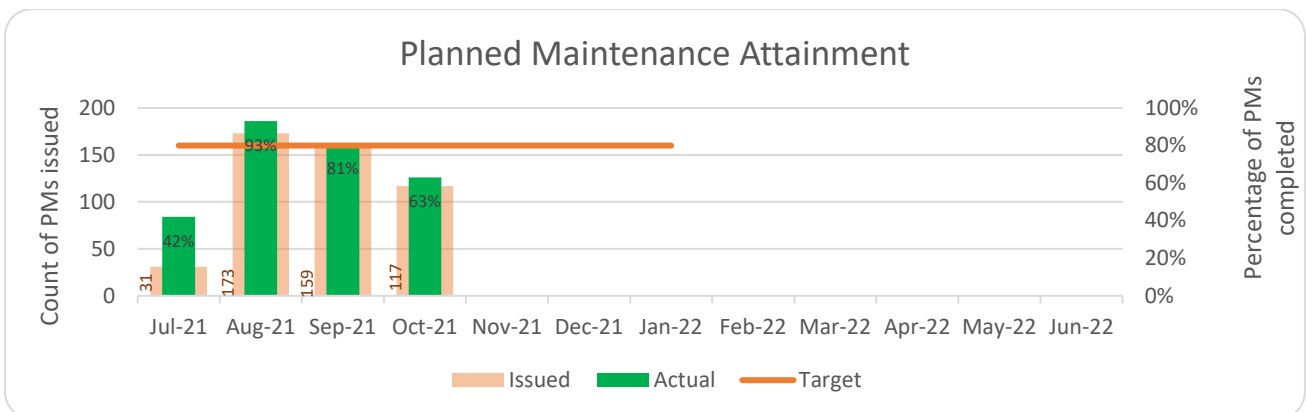
- Projects Division had zero health and safety incidents this month.
- Work volumes are an issue, we have only received a Rawene desludge job for planned work for the 2021-2022 financial year. We are yet to receive any other work from this year's LTP.
- Approval for work to get water treatment plants compliant is still an issue.

- With the lack of forward work the retention of key project staff is an issue with two supervisors resigning, this will have a serious impact until replacements are found and trained.
- Focus is on Health and Safety for all tasks the project team undertake to ensure we are compliant.
- Current focus is the rebuilding of the project team considering the current resignations.
- Projects Contract Management Plan to be produced.













RISK and ASSETS

- Continuation of L3 lockdown in the Auckland region has continued to pose some difficulties in obtaining materials and services from Auckland based suppliers, however this has been relatively minimal.
- The 3 Waters business continues to operate under L2 restrictions, with relatively minimal difficulty. The Alliance Pandemic Operating Plan remains in effect however the majority of staff have returned to the office/field and operating in “working bubbles”
- October saw another decline in the PM attainment with only 63% of PM’s being closed off. Managers are aware of this and have been tasked with improving this completion rate moving forwards
- Continued assessment of existing preventative maintenance tasks for the district facilities has identified numerous and concerning deficiencies with the current level of preventative maintenance activity, particularly in relation to water treatment plants, water pumping stations and reservoirs.
- The new Wastewater Pumping Station PM electrical audit programme continued in October with one of the larger wastewater schemes, East Coast being audited.



COMPLIANCE

Sites	Asset Group	July Status		Comment
		Compliant	Detail	
Ahipara			Condition 10 - Faecal Coliforms Condition 2 - Leachate	<ul style="list-style-type: none"> • Council is investigating land disposal options at Ahipara. • Leachate pump has been repaired.
Opononi			Condition 19 – Nh4, E.Coli.	<ul style="list-style-type: none"> • Wetland restoration completed. Ammonia and E. coli have reduced but are not yet in compliant range. • Resource Consent renewal in process
Paihia			Condition 9 - NH4-N Condition 13 - pH	<ul style="list-style-type: none"> • Dosing commenced 5 weeks ago to address pH
Russell			Non-compliant	<ul style="list-style-type: none"> • Water Quality compliant this month • Non-compliance relates to outstanding reporting and monitoring. • IAM Team Lead liaising with NRC and FNW about current abatement notice. • Asset Managers have scheduled several improvements: -Inlet Works (screen) UV Unit Replacement, -New or Refurbished disposal bores, -Pond liner replacement.
Whatuwhiwhi			Non-compliant	<ul style="list-style-type: none"> • New monitoring schedule commenced 29.09.21. • Desludging of lagoon 2 has temporarily affected processing of E. coli and ammonia. An improvement is expected over November.

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