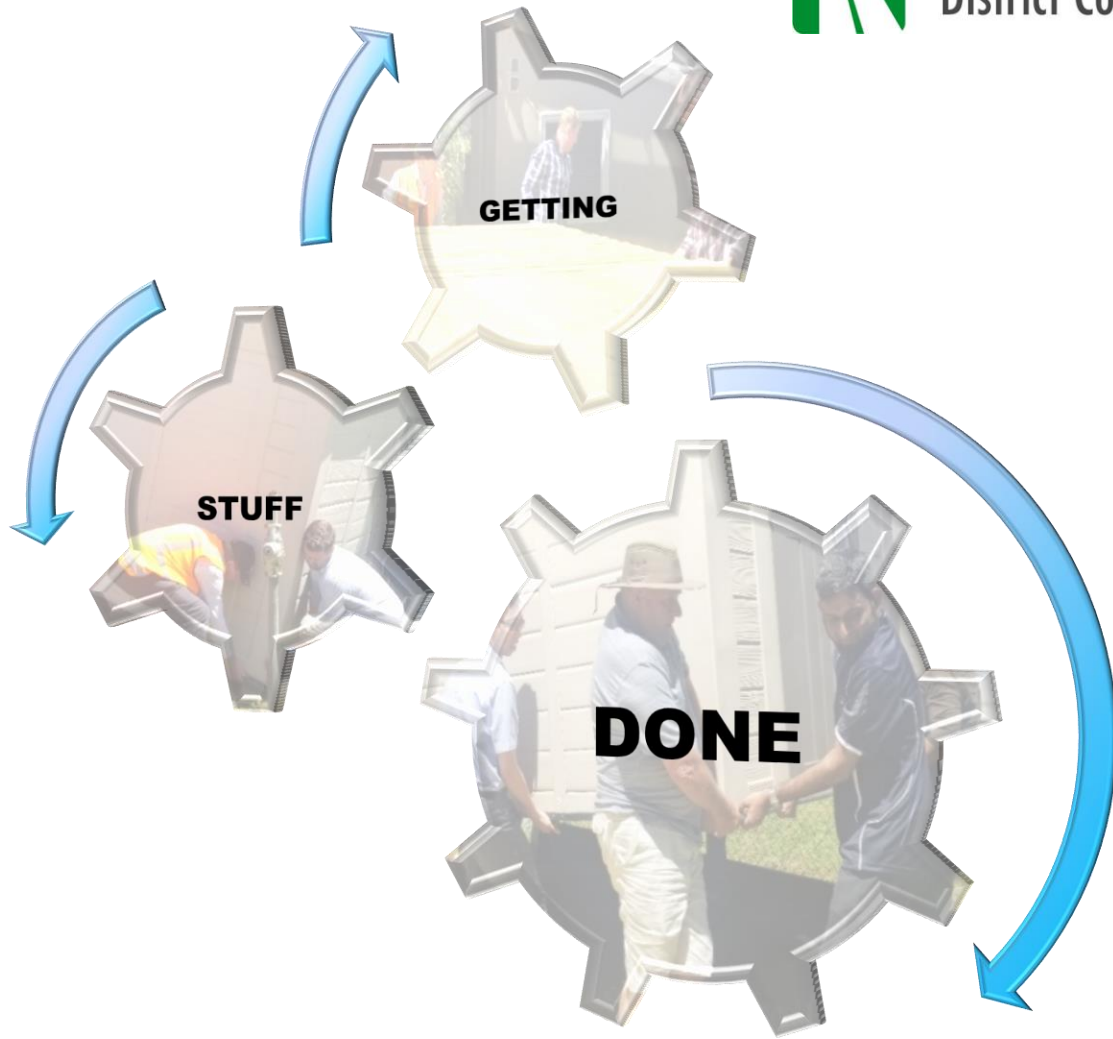




Far North
District Council



Infrastructure and Asset Management

Monthly Business Report

DECEMBER 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	9
PROJECT DELIVERY.....	19
ENGINEERING STANDARDS.....	34
PROGRAMME DARWIN.....	38
INFRASTRUCTURE PLANNING.....	41
INFRASTRUCTURE COMPLIANCE	45
ASSET MANAGEMENT	48
DISTRICT FACILITIES.....	50
PROVINCIAL GROWTH FUND (PGF) ROADING	68
TE HIKU O TE IKA REVIATLISATION	73
CIVIL DEFENSE EMERGENCY MANAGEMENT	79
APPENDICES.....	85
DIA FUNDED PROGRAMME	86
SOCIAL PROCUREMENT	87
FNDC 21/22 CAPTIAL AND RENEWAL PROGRAMME	94
VENTIA – CONTRACT 7/18/101 ROAD MAINTENANCE AND RENEWALS - MONTHLY REPORT.....	98
FULTON HOGAN - NORTH AREA MAINTENANCE NETWORK CONTRACT 7/18/100 MONTHLY REPORT	107
NZ TRANSPORT AGENDCY (WAKA KOTAHI) - NORTHLAND ACTIVITY UPDATE	116
3 WATERS OPERATIONS	118



SUCSESSES



VENTIA

Check out the Ventia report [here](#) – some great work and engagement with the public.

FULTON HOGAN

More good work by the team at [Fulton Hogan](#).

CAPITAL SPEND ANALYSIS

Capital Spend Analysis

as at 31-Dec-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	2,257	2,789	18,730	5,509	24,238	9.3%	20,788	10.9%	86%	(3,450)
Wastewater	649	732	13,047	1,926	14,973	4.3%	10,261	6.3%	69%	(4,712)
Water Supply	576	1,847	6,722	907	7,629	7.5%	6,643	8.7%	87%	(986)
Stormwater	124	152	3,672	311	3,983	3.1%	1,413	8.8%	35%	(2,569)
Solid Waste	106	46	767	155	922	11.5%	756	14.0%	82%	(166)
Project Delivery Team Subtotal	3,712	5,565	42,937	8,808	51,745	7.2%	39,861	9.3%	77%	(11,884)
Roading & Footpaths	5,579	11,389	31,827	4,177	36,004	15.5%	38,747	14.4%	108%	2,744
IAM Total	9,291	16,955	74,764	12,985	87,749	10.6%	78,609	11.8%	90%	(9,140)
Environmental Management	57	5	28	0	28	205.0%	28	205.0%	100%	0
Governance & Strategic Administration	652	832	3,407	1,942	5,349	12.2%	4,334	15.0%	81%	(1,015)
Customer Services	165	469	993	906	1,899	8.7%	1,967	8.4%	104%	68
Strategic Planning	12	0	0	0	0	0.0%	120	9.7%	0%	120
Other Total	885	1,306	4,428	2,848	7,276	12.2%	6,449	13.7%	89%	(827)
Sub Total	10,177	18,261	79,192	15,833	95,025	10.7%	85,058	12.0%	90%	(9,967)
DIA Projects										
Water Supply	6,910	4,644	4,852	8,024	12,876	53.7%	17,267	40.0%	134%	4,392
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	6,910	4,644	4,852	8,024	12,876	53.7%	17,267	40.0%	134%	4,392
ESEO Projects										
District Facilities	5,881	4,561	44,086	3,098	47,184	12.5%	46,561	12.6%	99%	(623)
Environmental Management	81	0	953	327	1,280	6.3%	1,280	6.3%	100%	0
Roading & Footpaths	3,806	9,330	11,449	3,105	14,555	26.2%	14,555	26.2%	100%	0
Total ESEO Projects	9,768	13,891	56,489	6,529	63,019	15.5%	62,396	15.7%	99%	(623)
Total	26,854	36,796	140,533	30,386	170,919	15.7%	164,721	16.3%	96%	(6,199)

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 December 2021.

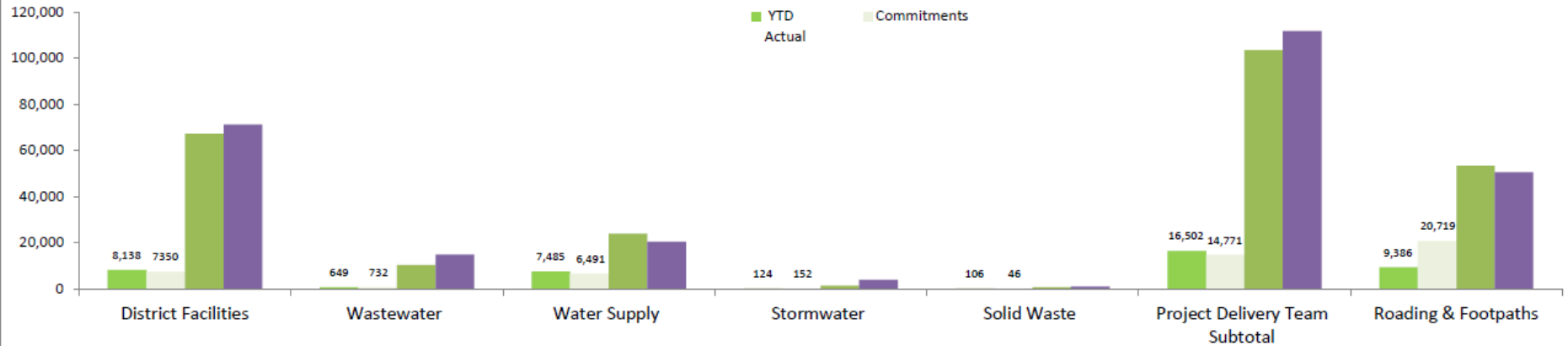
The picture below indicates the position if the commitments that are still to be completed are included in the calculations.

Capital Spend Analysis

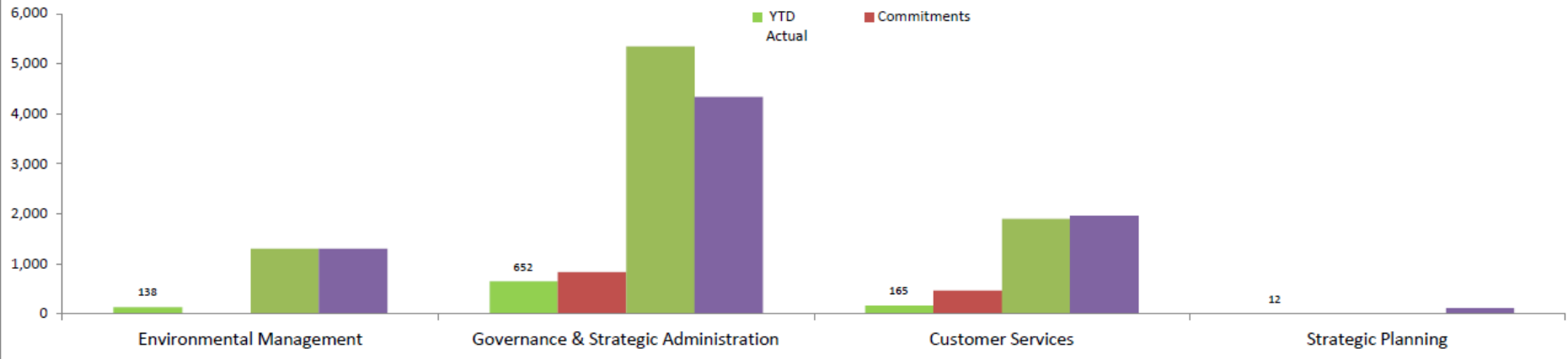
as at 31-December-2021

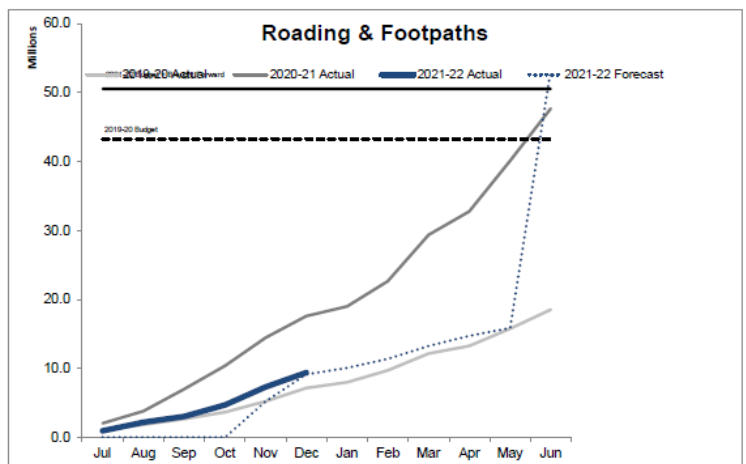
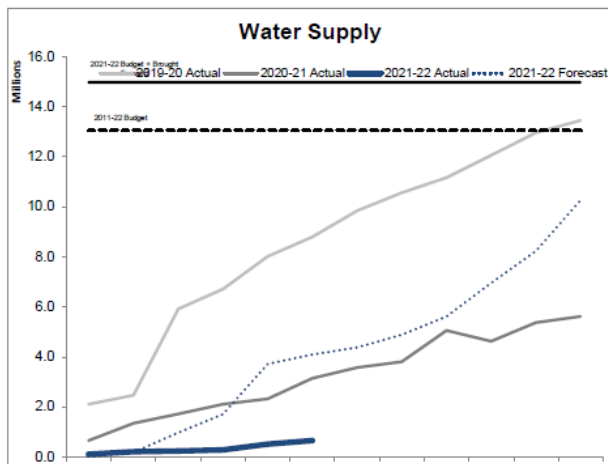
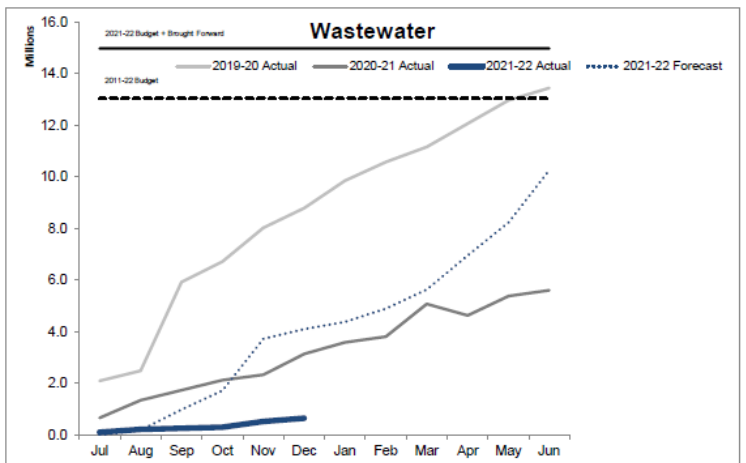
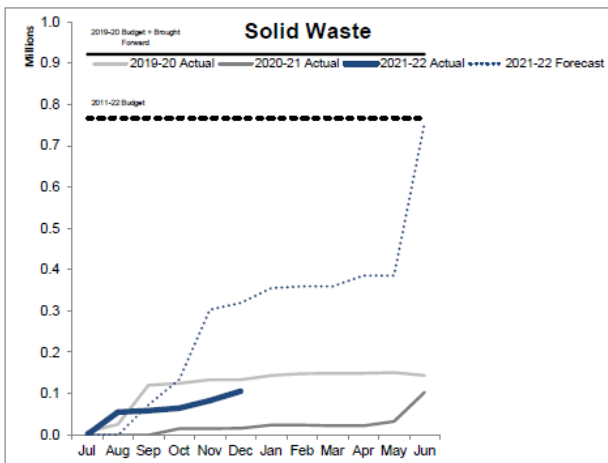
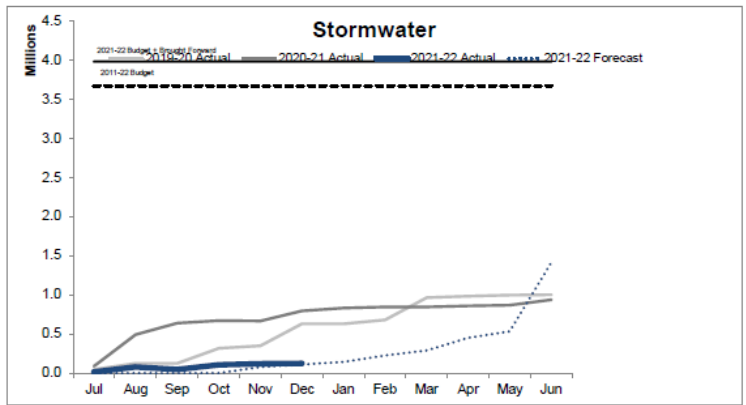
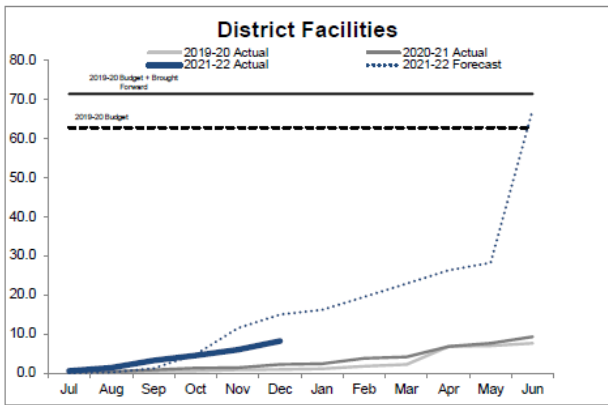
LTP Group	Actual + commitments against total forecast budget YTD Actual (%)
District Facilities	24.3%
Wastewater	13.5%
Water Supply	36.5%
Stormwater	19.5%
Solid Waste	20.1%
Project Delivery Team Subtotal	23.3%
Roading & Footpaths	43.8%
IAM Total	33.4%
Environmental Management	223.0%
Governance & Strategic Administration	34.2%
Customer Services	32.2%
Strategic Planning	9.7%
Other Total	34.0%
Sub Total	33.4%
DIA Projects	
Water Supply	66.9%
Wastewater	0.0%
Stormwater	0.0%
Total DIA Projects	66.9%
ESEO Projects	
District Facilities	22.4%
Environmental Management	6.3%
Roading & Footpaths	90.3%
Total ESEO Projects	37.9%
Total	38.6%

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

In late November Waka Kotahi announced that applications are now open for the new "[Streets for People](#)" funding, with Expressions of Interests closing on 22nd February 2022. The NTA Traffic Safety Team have met with Waka Kotahi to discuss possible application and are currently working on expressions of interest submissions.

The volume of Development Applications received by the Road Safety and Traffic Planning team dipped slightly this month (25 vs. 12 month rolling average of 35), with 23 applications processed. This being expected due to December being a slightly shorter month due to the Christmas shut down. The Road Safety and Traffic Engineering Team are continuing to manage and process new applications, with 23 applications able to be processed during the month.

With Council confirming NLTP funding allocation decisions (4th November) the Capital Works team have now undertaken final scheduling and delivery timings of activities approved within the 3-year (2021/24) delivery programme. A full three year programme with delivery risk was provided to Council in December.

Unsealed road improvements included limited short lengths targeted on sections of high summer traffic routes for compaction with water carts and rollers before Christmas, along with vegetation trimming along key corridors that see increased holiday traffic. Grading quantities were notably low, and sealed road pavement repairs increasing, with both FNDC 2x monthly average reflective of seasonality of work and summer road preparation activities.

Corridor Access Request (CAR) applications continue to be processed by the CAR team based in Whangarei. For the month of December 2021, a total of 75 Corridor Access Requests were received of which 53 were processed during the month. Apart from these 89 CAR applications were closed off this month as works have been completed.

Hokianga ferry operations continued to operate during December when New Zealand entered the COVID Protection Framework ("Traffic Lights") with Northland and some other regions at the Red (most restrictive) level including a hard border between Northland and Auckland for a period of time. Revenue was down on previous periods (December 2020) by approximately 30%.

Customer Interaction numbers showed a sharp decrease in the number of requests received during December. Noting this was a shorter month. The largest single reduction month on month is 'Potholes, Edge Breaks, Corrugations'. Pro-rated for the shorter month, this category has reduced in excess of 50% compared with November.

STREETS FOR PEOPLE FUNDING

In late November Waka Kotahi announced that applications are now open for the new "[Streets for People](#)" funding.

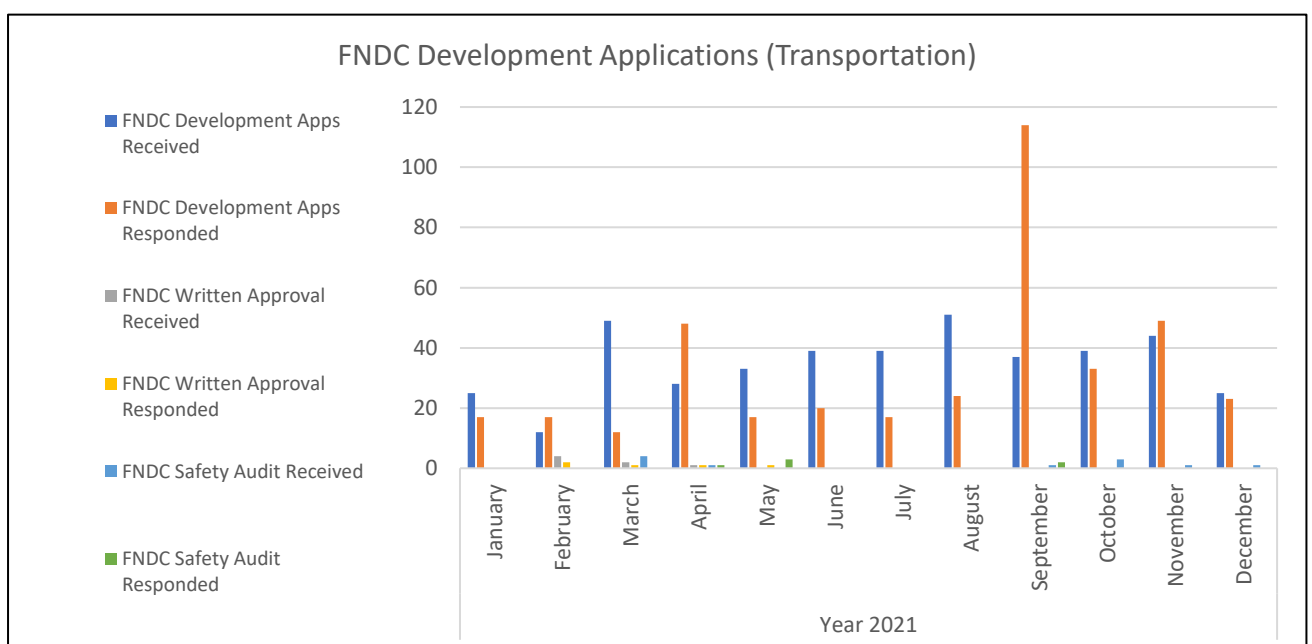
The NTA and Waka Kotahi met on Friday 17th December to discuss the funding criteria and targeted project

types to ensure projects selected for submission are appropriate, with initial Expressions of interest for this funding round closing on 22nd February 2022. Currently NTA staff are working on developing Expressions of Interest in all three Councils focused on resource allocation, Council readiness and strategic alignment with both national goals and regional plans.

DEVELOPMENT APPLICATIONS (Transportation)

The table & graph below provides information on the volume of development applications received for transportation assessment over the past 12 months. 25 applications plus 1 safety audit were received in the month of December (vs. 12 month rolling average of 34), the Road Safety and Traffic Engineering Team were able to process 23 applications during the month.

Year 2021	FNDC					
	Development Apps		Written Approval		Safety Audit	
	Received	Responded	Received	Responded	Received	Responded
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
November	44	49	0	0	1	0
December	25	23	0	0	1	1
	434	431	17	15	12	8



OKIATO-RUSSELL CYCLE TRACK

The Bay of Islands Walkways Trust (BOIWT) has proposed a cycle trail between the Okiato Ferry and Russell. The proposed cycle track is comprised of ten sections of trail that provide a connection from the Twin Coast Cycle Trail all the way to Russell over a combination of road reserve, Department of Conservation (DOC) Land, FNDC property and private property.

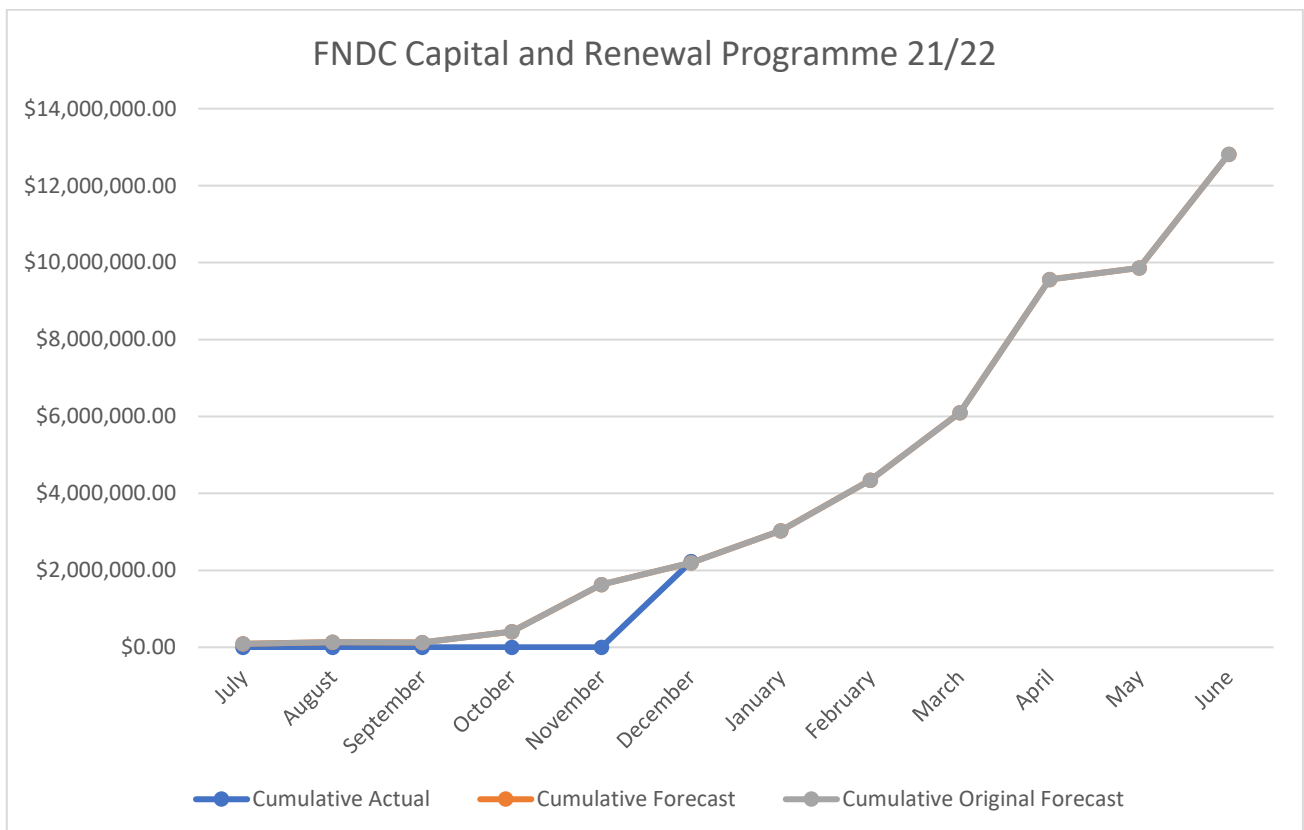
Council legal staff has begun drafting a volunteer agreement for the BOIWT to consider and volunteers have begun the process of gathering the needed documentation, engineering plans and required traffic management plans with a goal of beginning work in late summer.

A Memorandum of Understanding will be created and vetted through the Community Board and Council that outlines both the final cycleway route as well as the longer-term responsibility for the operation and maintenance of the facility.

FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

With Council confirming NLTP funding allocation decisions (4th November) the Capital Works team have now undertaken final scheduling and delivery timings of activities approved within the 3-year (2021/24) delivery programme. A full three year programme with delivery risk was provided to Council in December.

Updates on significant projects currently underway is provided below.



Category	Subcategory	Location	Project Title	Monthly status update	Next months expected status update
125 - Footpath Maintenance	New Footpath	Te Hiku Sports Hub	Footpath Loop Te Ahu - Te Hiku Sports Hub Unsubsidised	Physical works contract Tendering underway	Contract award / approval
214 - Sealed Road pavement rehabilitation	Rehabs	KERIKERI ROAD		Investigation / Design underway	Investigation / Design underway
341 - Low Cost Low Risk	LR Imp - Bridges and structures	West Coast Road	Replacement - West Coast Road Bridge G01	Site walk over and final sign off. Issue Practical Completion Certificate	Physical works completed
341 - Low Cost Low Risk	LR Imp - Lighting / Signals	Whangaroa Marina Boardwalk extension	Safety - Lighting/Signals Programme	Planning Stage	Planning Stage
341 - Low Cost Low Risk	LR Imp - Other	Scope and locations to be considered on various locations across the District on the roading network	144257 - Detour Route Programme	Planning Stage	Planning Stage
341 - Low Cost Low Risk	LR Imp - Traffic management systems	District wide	Township upgrades	Planning Stage	Planning Stage
341 - Low Cost Low Risk	R2Z - PED Imp	Kerikeri Rd	Safety - Pedestrian Improvements Raised Table Zebra Crossings - Upgrade existing	Project planning stage	Professional services procurement underway
341 - Low Cost Low Risk	R2Z - School Zones	Riverview School (10)	144238 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Springbank, to support Speed Limit Review Program - site to be confirmed	144237 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kaikohe East, to support Speed Limit Review Program- site to be confirmed	144234 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kaitaia, to support Speed Limit Review Program- site to be confirmed	144233 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kaikohe, to support Speed Limit Review Program- site to be confirmed	144235 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kerikeri Primary, to support Speed Limit Review Program	144236 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Okaihau, to support Speed Limit Review	144239 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway

Category	Subcategory	Location	Project Title	Monthly status update	Next months expected status update
		Program- site to be confirmed			
341 - Low Cost Low Risk	R2Z - Speed Management	BOIW Community Board Plan - Town Safety and beautification	144221 BOIW Community Board Plan - Town Safety and beautification	Project planning stage	Project planning stage
341 - Low Cost Low Risk	R2Z - Speed Management	LATM - Kaikohe Nth Urban Area, to support Speed Limit Review Program	144226 - Safety - Speed Management via Local Area TM	Project planning stage	Professional services procurement underway
341 - Low Cost Low Risk	R2Z - Speed Management	North Hokianga & Kaitaia	144218 - Safety - Speed Management	Project planning stage	Project planning stage
341 - Low Cost Low Risk	R2Z - Speed Management	Bay of Islands & Kerikeri	144220 - Safety - Speed Management	Project planning stage	Project planning stage
341 - Low Cost Low Risk	R2Z - Speed Management	LATM - Kaitaia Urban Area, to support Speed Limit Review Program	144229 - Safety - Speed Management via Local Area TM	Project planning stage	Project planning stage
341 - Low Cost Low Risk	R2Z - Speed Management	LATM - Ahipara Rd, Ahipara Township, to support Speed Limit Review Program	144229 - Safety - Speed Management via Local Area TM	Project planning stage	Project planning stage
341 - Low Cost Low Risk	W&C - Shared path	Paihia to Waitangi - Shared Path to Te Tii	152045 - New Footpaths / Shared Use	Project planning stage	Project planning stage
Unsubsidised - Raised Facilities		Kaimaumu Road	Kaimaumu Road Traffic Calming	Project planning stage	Professional services procurement underway

FNDC TRANSPORT MAINTENANCE & OPERATIONS PROGRAMME

December 2021 Maintenance Achievement tables for December 2021 are provided below.

North		21		
Northern Area		Far North District Council		
Road Length		<u>427.49</u> sealed		
		<u>832.86</u> unsealed		
Activity Description	<u>Prev mth</u>	<u>This mth</u>	<u>Mthly Average Prev Far North District Council Months</u>	<u>FYTD</u>
Unsealed Maintenance Gravel (cum)	1793.00	872.00	2446.28	12947.00
Unsealed Compacted Gravel (cum)	0.00	160.00	1021.94	160.00
Unsealed Road Grading (km)	420.34	109.76	242.33	1515.71
Wet Roll and Grade (km)	0.05	0.00	0.85	0.05
Unsealed Road Potholes (ea)	906.00	689.00	1067.42	11861.00
Sealed Road Potholes (ea)	362.00	97.00	118.00	1230.00
Sealed Road <u>edgebreak</u> (m)	521.00	3.00	204.42	575.00
Sealed Road Pavement Repairs (sqm)	3724.00	2317.00	1405.36	6850.00
Sealed Road Surface Repairs (sqm)	0.00	0.00	7.64	0.00
Water Cutting (sqm)	0.00	0.00	0.00	0.00
Roadside mowing (km)	187.94	45.60	124.84	788.23
Roadside Spraying (km)	755.54	393.69	143.65	1149.23
Vegetation Envelope Cleared (km)	2.08	24.89	59.28	182.19
Roadside Drainage Cleared (m)	60.00	2902.00	3148.42	18860.00
Roadside Culverts Cleared (ea)	0.00	1.00	62.83	3.00
Culvert Markers Replaced (ea)	16.00	23.00	22.39	62.00
Cesspit Grates Cleared (ea)	1.00	11.00	27.75	391.00
Kerb & Channel Cleaned (km)	1.91	9.11	0.69	11.11
Routine Surface Detritus Removed (#)	0.00	1.00	0.11	5.00
<u>Overslip</u> Material Removed (cum)	0.00	0.00	0.11	15.00
Routine Signs Maintenance (ea)	119.00	197.00	40.61	439.00

South		22		
Southern Area		Far North District Council		
Road Length		<u>466.05</u> sealed		
		<u>781.63</u> unsealed		
Activity Description	<u>Prev mth</u>	<u>This mth</u>	<u>Mthly Average Prev Far North District Council Months</u>	<u>FYTD</u>
Unsealed Maintenance Gravel (cum)	188.00	411.00	1843.42	6669.00
Unsealed Compacted Gravel (cum)	0.00	4457.00	1187.64	27550.00
Unsealed Road Grading (km)	483.52	66.57	198.87	1467.40
Wet Roll and Grade (km)	0.00	9.93	3.12	9.93
Unsealed Road Potholes (ea)	1268.00	642.00	1505.31	12389.00
Sealed Road Potholes (ea)	265.00	88.00	193.36	1005.00
Sealed Road <u>edgebreak</u> (m)	3.00	175.00	150.56	772.00
Sealed Road Pavement Repairs (sqm)	1401.00	0.00	616.56	5083.00
Sealed Road Surface Repairs (sqm)	0.00	0.00	62.69	1258.00
Water Cutting (sqm)	0.00	0.00	92.53	0.00
Roadside mowing (km)	79.88	136.23	59.63	399.52
Roadside Spraying (km)	457.30	0.00	341.71	827.62
Vegetation Envelope Cleared (km)	1.92	2.05	7.43	42.42
Roadside Drainage Cleared (m)	630.00	2175.00	1282.50	17992.00
Roadside Culverts Cleared (ea)	1.00	1.00	134.50	576.00
Culvert Markers Replaced (ea)	27.00	16.00	23.78	305.00
Cesspit Grates Cleared (ea)	171.00	233.00	136.69	1556.00
Kerb & Channel Cleaned (km)	0.00	55.58	14.56	55.58
Routine Surface Detritus Removed (#)	423.00	205.00	37.94	1497.00
<u>Overslip</u> Material Removed (cum)	1.00	0.00	0.72	1.00
Routine Signs Maintenance (ea)	442.00	199.00	96.72	1629.00

Key points of note for the month include:

- Grading quantities were notably low, with both FNDC 2x monthly average reflective of seasonality of work and summer road preparation activities.
- Gravel volumes remain low while budget confirmation for this activity has been progressing.
- The North Area has high sealed road repair quantities, reflecting improved weather conditions and the commencement of the sealing season.
- All networks have good vegetation control quantities.
- Road signs maintenance activities were high across both contracts.

Unsealed road improvements included limited short lengths targeted on sections of high summer traffic routes for compaction with water carts and rollers before Christmas, along with vegetation trimming along key corridors that see increased holiday traffic. Timing of vegetation control works to ensure the spring growth is captured remains a challenge with vast areas to cover in a relatively short window of time.

Grading quantities were notably low across the network. This reflects the drier conditions experienced further north limiting the benefits achieved by grading dry loose roads, with those networks having invested heavily in grading most of the network in the preceding months.

FNDC's PGF funded seal extension works jobs that were awarded to the Maintenance & Renewal Contractor (FH and Ventia) are now complete. The new seals on Ngapipito Rd (4.8km), Peria Rd (5.5km), and Ruapekapeka Rd (0.5km) are due for 2nd Coat seals in the 2022/2023 summer season, with PGF funds set aside to achieve this essential waterproofing work to protect the significant pavement upgrade investment.

FNDC also has TIF Project approved to seal the 950m of Bayly Rd to the Waitangi Mountain Bike Park entrance. This project on track for completion in mid-February, well before the 31 March 2022 due date

CORRIDOR ACCESS

Corridor Access Request (CAR) applications continue to be processed by the CAR team based in Whangarei. For the month of December 2021, a total of 75 Corridor Access Requests were received of which 53 were processed during the month. Apart from these 89 CAR applications were closed off this month as works have been completed.

Tabulated below is a summary of the Corridor Access Request applications received this month.

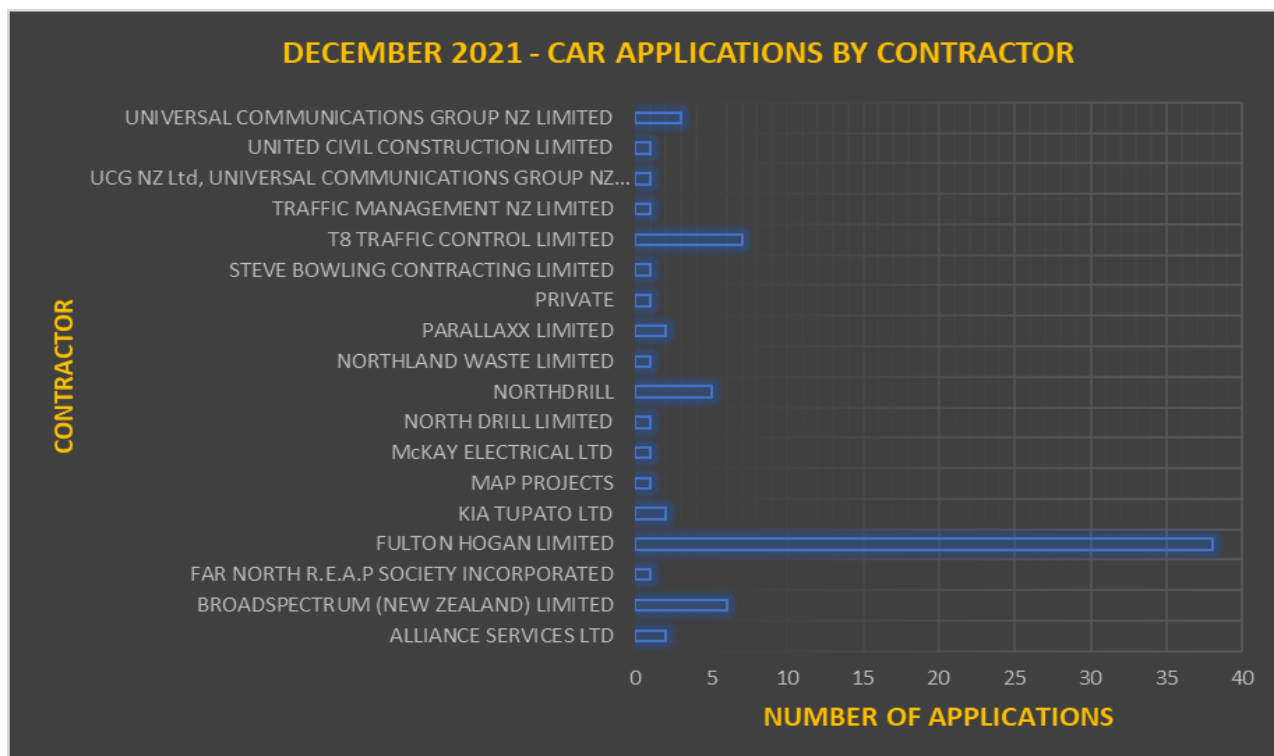
December 2021 - Corridor Access				
Applications Received		Processed	Cancelled	Pending
Type	Applications			
Event	4	3	1	0
Excavation	27	14	12	1
Non-Excavation	43	35	4	4
Emergency	1	1	0	0
Total	75	53	17	5

CAR's pending relates to those submitted in late December and will be attended to in January 2022. A total of 31 CAR's have been cancelled and these include 17 CAR's submitted in December and the remaining 14 submitted earlier. The CAR's have been cancelled for the following reasons:

1. Works on State Highway – CAR to be submitted to NZTA
2. Works have been cancelled by applicant

3. Service locates through B4Udig for planning purposes only, no CAR required

The graph below illustrates the CAR applications submitted by organisation. Majority of the CAR applications in December have been submitted by Fulton Hogan.



HOKIANGA FERRY (KOHU RA TUARUA)

Revenue & Patronage

Revenue received from ticket sales for December was down approximately 30% on the previous year.

On 2 Dec, New Zealand entered the COVID Protection Framework (“Traffic Lights”) with Northland and some other regions at the Red (most restrictive) level.

The Government announced that there would be a hard border between Northland and Auckland manned by Police and iwi representatives checking for vaccine passes and/or evidence of negative COVID tests.

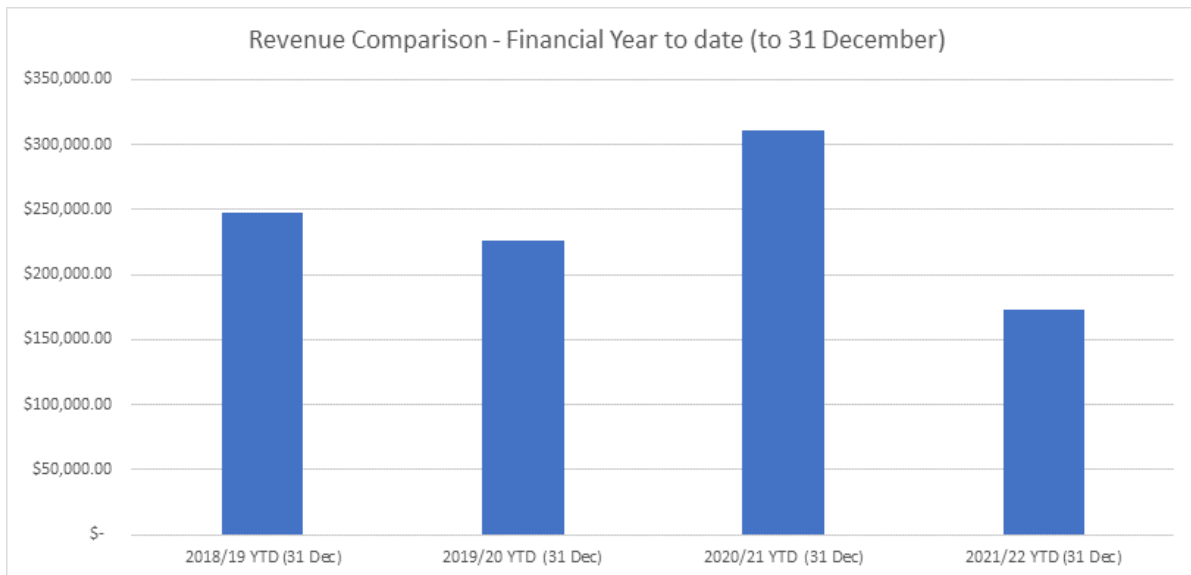
Anecdotally, this may have contributed to a lower number of tourists travelling throughout the District than is typically expected in December.

December Revenue:

December 2021	December 2020
\$43,730.87	\$62,111.13

The graph below provides a comparison of revenue received for the first 6 months of this financial year (to 31 December 2021), comparing the previous 3 years for the same period,.

Note that the revenue received for 2020/21 financial year was much higher than normal, due to a surge in domestic tourism post-lockdown.



H&S, Risks and Service Information

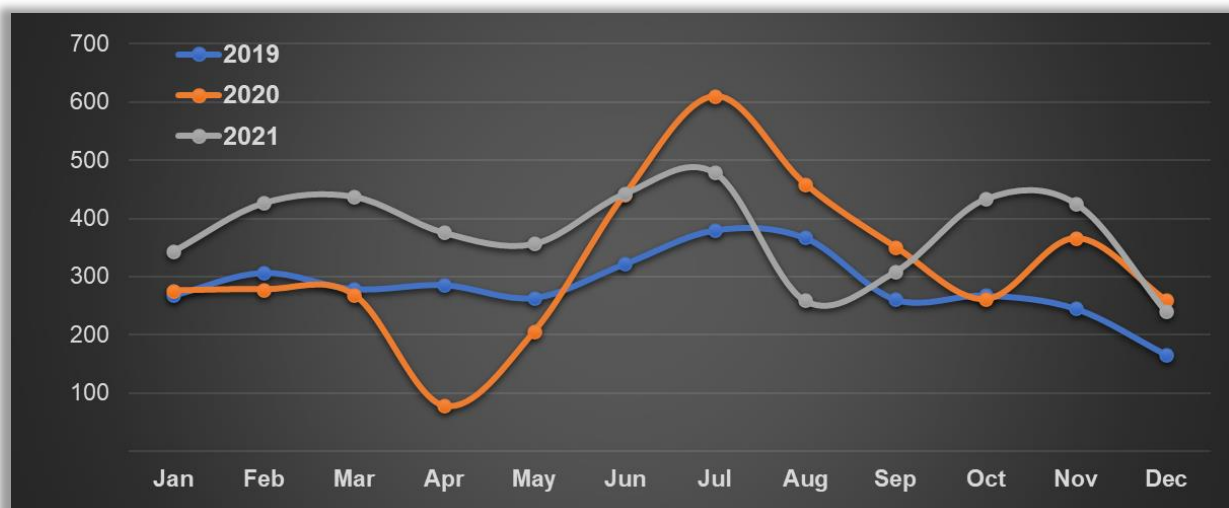
- There were no mechanical or weather-related interruptions to the service during the month.
- There were no incidents, accidents or near misses reported for the month.
- The Contractor is consulting with staff on vaccine requirements based on role-based risk analysis.
- Approximately 97% of scheduled December sailings departed on time.
- There were 8 after-hours emergency callouts during December, compared with 4 for the same month in 2020.

THE CUSTOMER EXPERIENCE

The cross-department project to review the customer experience process continues with cross district sharing of ideas and processes. This has been extended further to include more in-depth process mapping and making standard responses available across the region to drive consistency in how we respond to our customers.

Requests for Service

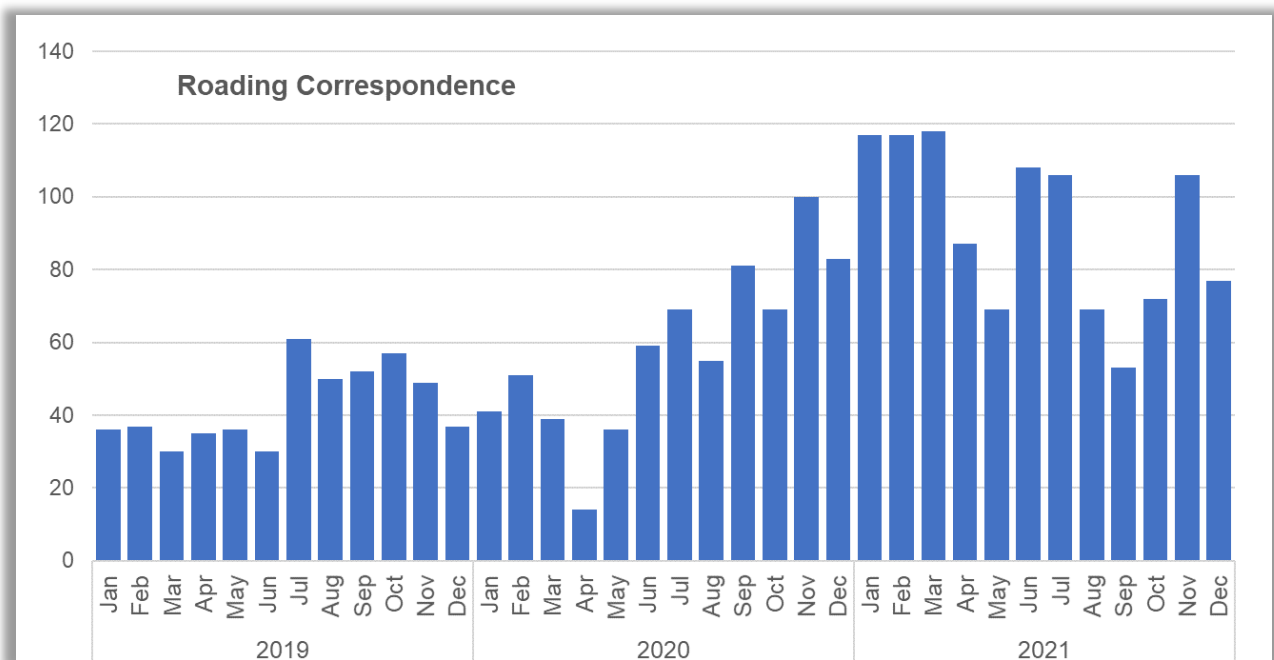
It is pleasing to note the sharp decrease in the number of requests received during December. That said, it was in essence, a three-and-a-half-week month. However, the largest single reduction month on month is 'Potholes, Edge Breaks, Corrugations'. Even pro-rated for the shorter month, this category has reduced in



excess of 50% compared with November. Finally, as Summer progresses, the team will be focussing on what any potential dry climate may bring.

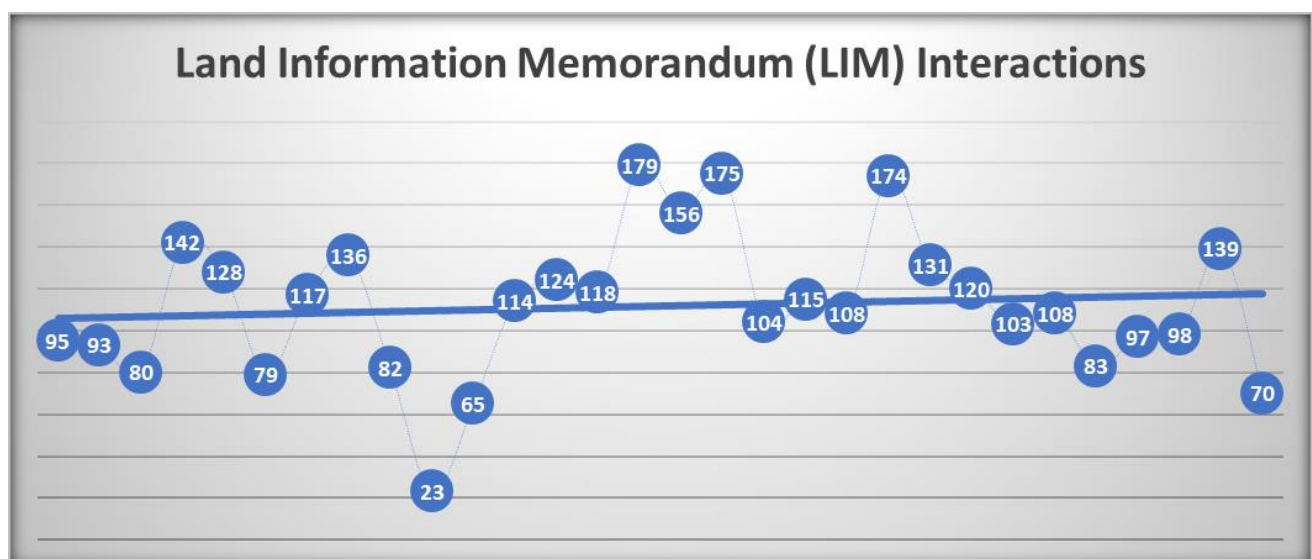
Highest Single Category

This hasn't been the case for a number of months but, 'Roding Correspondence' was the highest single category of requests for December. It was over 20% lower than November so it is not sheer numbers that has driven this reduction as much as it is the reduction in the previously mentioned pothole category.



Land Information Memorandum (LIM)

As would be expected from the time of year and the short month, the number of LIMs has decreased. Anecdotally, there was an element of catch up received in the first of week January.



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 2022.

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

Completed October 2021

Project Name: Paihia WWTP Upgrade - Alkalinity Adjustment Project

Project Phase: Planning and Design – Chemical Dosing

Completed December 2021

Project Name: Opononi New Water Source - Smoothy Road Bore

Project Phase: Pre-Implementation of Stage 2

Project Phase: Tender

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Green	Tender closed 20 th December 2021, tender evaluations to commence Tuesday 18 th January 2022
Scope	Green	Green	Scope confirmed
Schedule	Green	Green	Schedule confirmed
Cost	Amber	Amber	Cost will be identified during tender evaluation process
Project Risk	Amber	Amber	Weather, contractor availability, material availability, increase in material costs, Covid-19, removal of remaining outbuildings from site, security of materials on site prior to and during construction

Monthly Summary:

Tender closed on GETS 20th December 2021, tender evaluations commence on 18th January 2022

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	Tenders closed 20 th December 2021, tender evaluations to commence 18 th January 2022
Construction	Mid to Late July 2021	Delayed	Construction expected to commence March 2022

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,907,816.00	\$89,991.78	\$1,907816.00

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	Amber	Green	<p>Waitangi: Scope is clear and approved by Stakeholders, however sewer line upgrade was not part of original scope</p> <p>Mitimiti: Construction complete.</p> <p>Opononi: Construction complete.</p> <p>Haruru: Construction complete.</p>
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	Amber	Green	Mitimiti, Opononi & Haruru completed within or under budget any savings 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	<p>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.</p> <p>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.</p>

Monthly Summary:

Waitangi – To provide cost surety we will provide a revised procurement plan which will look at Direct Award to preferred supplier. This will be presented to Tender Panel when completed. Time extension from TIF was approved and we have until Dec 2022 to complete project.

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
Waitangi Tender		October 2021	On hold until funding shortfall address
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. Physical Works on SP1 started by Ventia on 29 July 2021. Extension of Time requested until 04 May 2022 due to Covid Level 4 lockdown delay and increased SP2 project scope. Construction has progressed well with approximately 10900m of pipe installed by means of directional drilling along Bonnetts Road, Gill Road and Sandhills Road and open trench installation over the private farmlands.
Scope	Green	Green	Scope was amended to allow for new alignment of pipeline route as SP2.
Schedule	Amber	Amber	Physical Construction completion date scheduled for May. Commissioning scheduled for May/June 2022.
Cost	Green	Green	Estimate at Completion is within approved budget.
Project Risk	Amber	Amber	Easement Agreement with Elbury Holdings. Drilling activities and trenching work is SP2 ground conditions. Covid 19 outbreaks and Level Changes and delay to get access to Elbury Holdings farm – Delay costs and Extension of Time Requests. Dry conditions - fire outbreak.

Monthly Summary:

- Monthly COVID-19 Alert System which influenced the Physical Construction activities during December:
 - 2 December 2021: All of NZ and Far North moved to the COVID-19 Protection Framework (aka traffic light system).
 - Construction is currently operating at RED.
- Construction works for December 2021 progressed slowly with some obstructions and hard sandstone encountered whilst Horizontal Directional Drilling (HDD). Approximately 1,800m of pipe was installed in December. This brings the total in the ground to 10,900m. Ventia had 2 Drill Rigs on site which both encountered obstructions of tree roots and hard-pan sandstone.
- Works at the bore sites progressed with the Pump Station pumps and pipework being assembled into position and the buffer tanks inlet pipework assembled into position. Concrete slabs for the buffer tank ladders were formed.
- Top Energy has upgraded the Bird Road power lines and has installed power poles through to the end of Bird Road. They will be back in January to string the site overhead lines and pull the underground cable through the ducting.
- Work has started from both ends on the Elbury Holdings farm starting on Wednesday 24th with drilling from the Sandhills Road end and in December from the Bird Road end with pipes being welded and stored for trenching to start in January 2022. The team will meet the Kings weekly prior to works in their property to go through the construction methodology and operational plan and activities for the following week.
- Access agreement was reached with NgāiTakoto which has also been signed by the QEII trust. An Iwi Representative has attended site for a pre-use walkover and is happy to be kept in the loop.
- 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. Site assessment was completed in December and awaiting the valuation reports early in 2022.

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 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. Completion date is scheduled for May 2022 with the current Extension of Time Requests under valuation.	<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 and sub-contractors.
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.
--	--

Dry summer conditions and fire outbreaks in region and sand erosion due to high winds.	<ul style="list-style-type: none"> Weekly toolbox talks with contractor to minimise risk of causing fire outbreaks.
--	--

Key Project Milestones	Expected	Status	Comment
Practical completion	04 May 2022	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 delays
Extension of Time Requested	tbc	NTE submitted	NTE of Notification of delay to get access to Elbury Holdings farmland. Ventia and its subcontractor FNR have made every effort to mitigate the delay and minimise downtime.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$15,372,350	\$6,024,769	15,352,129

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 to FNDC Asset Management and Operations are completed. Awaiting documentation to be signed.
Scope	Green	Green	Completed
Schedule	Green	Green	Plant – complete 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	Defects in reticulation defects period. Feedback from property owners an ongoing risk.

Monthly Summary:

Plant - 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. Handover to FNDC Asset Management and Operations are completed. Awaiting documentation to be signed.

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.
Defects to Low Pressure Sewer System	Defects liability period 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 Liability Period 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	Stage 1: Bore Design and Quality Testing (Complete) Stage 2: Sustainable Yield Assessment & Consenting to provide a sustainable supply of highly secure potable water for the Kaikohe community (In progress) Stage 3: Reticulation and Electrical Design (In progress) Consent Application – Project Team has met with the Waikotihē Trust on 12 December 2021 to discuss the deep bore resource consent application. Approval received to submit application subject to certain monitoring conditions. Detail design for stage 3 is underway and the Procurement Plan has been approved for direct award. Physical Construction of Stage 3 planned to start in March 2022.
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 is in progress.
Schedule	Red	Red	Consent Application to be submitted at end of January 2022. Stage 3 design is in progress and construction start date is planned for March 2022. 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	Landowner agreements to be finalised. Sustainable yield delivery of around 350m ³ /day lower than expected. Consent obtained from Waikotihē Trust subject to certain conditions. Timeline subject to approval of Resource Consent. Covid Lockdown level restriction is delaying the project.

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 has met with the Waikotihē Trust to explain the modelling that was done and also to get consent to submit the Resource Consent application to use both existing and new bore for delivery. Approval was received subject to certain conditions that was accepted by FNDC.

Detailed design for stage 3 has progressed and the mechanical design for the headworks and construction and manufacturing drawings are 95% complete. 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. The actual construction will start after tender evaluation and is planned to start in March 2022.

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.	Approval of Draft consent conditions by the Waikotihē Trust.
Landowner agreements to be finalised	Conditions and expectations from Landowner are being assessed by FNDC and communication is ongoing.
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 and project team is working with Far North Waters to get best solution.
Delay for Resource Consent outcome and complete project before summer 2022 and DIA deadline of 30 June 2022.	Detailed programme to be compiled. Awaiting Waikotihē consent before we can apply, busy reviewing draft conditions. 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 January 2021	Pending	Delayed because of Covid restrictions.
Resource Consent outcome	8 to 12 weeks after submission		On the assumption that it will be a non-Notified application.
Priced Schedules from Ventia	End of February 2022	Awaiting detail design, drawings, schedules and specifications from WWLA	Expecting 24 January 2022
Tender evaluation	Middle March 2022		
Construction Start	Middle March 2022		
Completion and commissioning	June 2022		

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1 180 000	\$400 000.00	\$1 180 000

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 works completed.				
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 (pending consents) 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	Resource Consent applications to the NRC and FNDC were submitted on the 11 November 2021 . Resource consent from the NRC was granted on the 13 December 2021. We are awaiting confirmation that the FNDC consent has been publicly notified. Notified Resource Consents take around six months to process, depending on the complexity, significance and the level of contention involved. This will impact the overall programme. Should consent be granted, there is the risk of the decision being appealed. Works cannot commence until any appeals have been addressed and consents have been confirmed. One neighbour has indicated that they may appeal the decisions. We are working together with them to address their concerns. An additional resource consent will be required for the water take once the water bore investigations have been completed.
Cost	Green	Green	The project is running within budget.
Project Risk	Amber	Amber	<ul style="list-style-type: none"> • Notifiable Resource Consent processing times and requests for additional information / submissions • Any changes to approved concept layout would be a risk to the project. • Meeting procurement objectives results in a longer procurement process. • Covid 19 Level 4 delays to SH10

Monthly Summary:

SH10

- Is due to be completed January 2022 based on the availability to procure material
- Chorus switch over is completed.

On Site:

- The water bore has been completed and the pumps have been procured for the next phase, water testing and water consents. (There is plenty of supply)

Resource Consent:

- Awaiting public notification of the FNDC application – expected to be notified during the week beginning 17 January 2022.
- The NRC application was granted on the 13 December 2021.

Communications & Engagement

- Direct engagement with stakeholders (including adjacent neighbours) to inform design changes and resource consent documentation. Individual meetings have been offered to adjacent neighbours and interested parties on lodgment of the resource consents, but no one has yet taken up this offer.
- The Planner and Landscape Architect met with the neighbour who indicated that they may appeal the decisions. We will continue to work with them to attempt to mitigate their concerns, namely relating to landscaping.
- In early December, Ngāti Rēhia facilitated a workshop with Working Group members and FNDC staff to develop the name of the facility. The output name is Te Puāwaitanga; A home of belonging, play and growth.

Key Project Risks	Mitigation of Risk
Notifiable Resource Consent	The consent duration
Covid or natural disaster (Civil defence emergency) disruptions	Adaptable Business Continuity plans
Market capacity to deliver	Procurement planning to determine market capability and resilience.
Detail Design	Adequate resources capable and able to deliver on time.
Community Engagement	Agreement of a Working Group to steer Matters.
Downstream Impact – Ongoing future operation	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	Nov 2021 – June 2022	Planning	FNDC RC lodged as a notified consent – awaiting public notification and submissions. NRC RC consent granted.

Concept Design	Jul 2021	Completed	
Developed Design	Nov 2021 - March 2022		Procurement phase and scope finalisation
Detailed Design	Nov 2021 – March 2022		
Building Consent	March 2022		BC application can be submitted but won't be released until the RC has been approved
Procurement	March 2022		
Construction	tbc		RC will dictate the construction start as well as earthworks season

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$9,499,669	\$607,371	\$8,898,298

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 nearing completion.</p> <p>Skatepark construction commenced. Soft opening of lower bowl area and timber vert ramp took place Friday 10th December.</p> <p>Surrounding landscape has been made good.</p> <p>Basketball construction commenced. Basketball court asphalt laid with fencing 50% complete. Perimeter paths and tidying up of site well advanced. Furniture being delivered to site.</p> <p>Playground Construction Documentation delayed due to additional specialist scope of attenuation stormwater required by FNDC. Awaiting survey of recently completed works to refine final documentation. In discussion with Procurement team regarding contractor engagement. Documentation to be completed in January.</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 - Demolition completed by TARMAC.</p> <p>Skatepark Construction - Skatepark construction well advanced. Soft opening of lower bowl area and timber vert ramp occurred Friday 10th December. Skate bowl and street skate section under construction for completion in March</p> <p>Basketball - Basketball construction commenced. Pavement poured. Asphalt laid. Fencing and BB hoops underway. Construction to be completed in February. Site coordination with Circle D Construction and Buildflex ongoing to coordinate the two site builds</p> <p>Playground - PLAYCO design fixed. Structural and Civil documentation currently in progress to be completed in January. Delayed due to additional stormwater attenuation documentation and new survey work undertaken of newly built works.</p> <p>Program delayed due to COVID and lockdown. There will be delays on the delivery of the playground due Level 4 shut down on projects in AKL affecting Kerikeri delivery / Install.</p> <p>Likely commencement of works as early as possible pending contractor availability.</p> <p>Park path and softscape - Park path associated with Basketball and Skatepark nearing completion. Playground shared path to be completed with this contracted works. 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	<ul style="list-style-type: none"> • Discussion taking place with FNDC and working party group. MBIE funding not adequate to meet vision of Kerikeri Domain. • Project committed to delivery of Basketball court, Skatepark and Playground and associated paths • Latest COVID levels will have an effect on materials pricing and deliverable dates. Contractor availability may also affect pricing
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 • Contractor availability for Playground construction. Short program may influence pricing. No competition
<p>Monthly Summary:</p> <ul style="list-style-type: none"> • Skatepark construction well advanced • Basketball court construction well advanced • Pathway construction well advanced • Playground civil/structural under detailed documentation to be completed and procurement to start January. 			
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			Agreement of a Working Group to steer matters

they did not want it in the first place			
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	Initiation
Community Scoping	Aug-Jan 2021	Completed	Community Scoping
Developed Design	Feb-Apr2021	Completed	Developed Design
Detailed Design	May-Aug 2021	Completed	Detailed Design
Procurement	July 2021-Jan 2022	Ongoing	Playground construction procurement to commence once documentation completed
Construction	Aug-2022	Ongoing	
Project Budget Status			
Approved Budget		Actual Spend to Date	Forecast Total Spend
\$ 3M		\$ 1.7M - 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. Decision made regarding design approach based on outcome of consultation and engineering & planning advice.
Scope	Green	Green	While still in scope, the consultation phase has required more time than anticipated. Archaeological assessment has been completed which is outside the scope. Progressing this project beyond resource consent lodgement is outside the scope. However, we are likely to have sufficient budget to assist in progressing agreements with the property owner at 9 Freese Park Rd and to advance the design towards detailed design.
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. There are out of scope items required to complete this project that have been highlighted in correspondence – these out-of-scope items will require additional funding. See footnote below.
Project Risk	Green	Green	As per below

Monthly Summary:

The project team made the decision to move forward with the rock rip rap + planting option (Option 1B) which would be a ‘hold the line’ option and include 2 stair accessways. This was after reviewing planning, engineering advice, considering the proprietary block wall option and the outcome of the consultation.

Developed design underway and the archaeological assessment has been completed in draft.

We are aiming to lodge resource consent in Feb 2022.

As mentioned in the previous IAM’s report, a Council report on the Freese Park project was prepared and submitted for the December meeting. However, due to the volume of reports going to Council, it has been deferred until the February 2022 meeting.

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	Completed	
Provide project update and report on outcome of consultation to elected members	December	Deferred	Report deferred to the February 2022 Council meeting.
Lodge Resource Consent	February	Underway	Preparation underway

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$199,404	\$139,365	\$199,404

TOURISM INFRASTRUCTURE FUND

August 2019 TIF R4 Projects:

Project		Status	Notes
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)	Completed	Construction is complete. Optimisation of the soakage system continues. Final report and final invoice have been submitted to MBIE.
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. Pricing pending for remaining carparks. MBIE have extended completion date to 31 March 2022.
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 installation. Additional meeting scheduled late January, early February to finalise installation plan.
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	The Wi-Fi network hardware is being reviewed by the 'Nothing but Net' team, to align with the district-wide Wi-Fi initiative. Installation of the Paihia and Russell Wi-Fi is now targeted for completion March 2022.
1b	SMART CITIES: Smart Bins	Approved with Funding Agreement	Smart Bin locations have been confirmed for Paihia, Russell, Kawakawa, Opononi and Pukenui wharf. Wrap designs have been approved. Due to Covid issues there has been shipping delays and the delivery date has been pushed out to early 2022.
2	Lake Manuwai Toilet	Approved with Funding Agreement	Contract awarded to Supplier for a 2-pan dry vault toilet and a changing room. All stakeholders have been consulted. Targeted completion is for May 2022.
3	Te Paki Stream Toilets	Approved with Funding Agreement	Contract awarded to supplier for a 3-pan dry vault toilet. Project completion is targeted for May 2022.
4	Cape Reinga Road (Te Paki i-Site) Dump Station	Approved with Funding Agreement	Facility is fully operational. Blessing ceremony carried out with the assistance of Ngati Kuri, prior to opening. Road signage to be erected by approved contractors January/February 2022. Concession application for use of the DoC land has been approved by the local Doc office and sent to Wellington for signoff.
5	Sealing of Bayly Road (Waitangi Mountain Bike Park)	Approved with Funding Agreement	Pavement design and construction drawings are completed. Contractor cleared the site for uninterrupted summer holiday traffic and will re-establish and resume pavement construction in late January. This Project is planned for completion before end of 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		Dec 2021	YTD '22	YTD '21	
Applications for new Water and Wastewater connections		9	77	52	9 requests to connect to Council water and wastewater services were received in December 2021. Year to date Council has received 77 applications (compared to 52 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	23	234	316	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	84	725	986	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:

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

ES REVIEW STATUS & MILESTONES

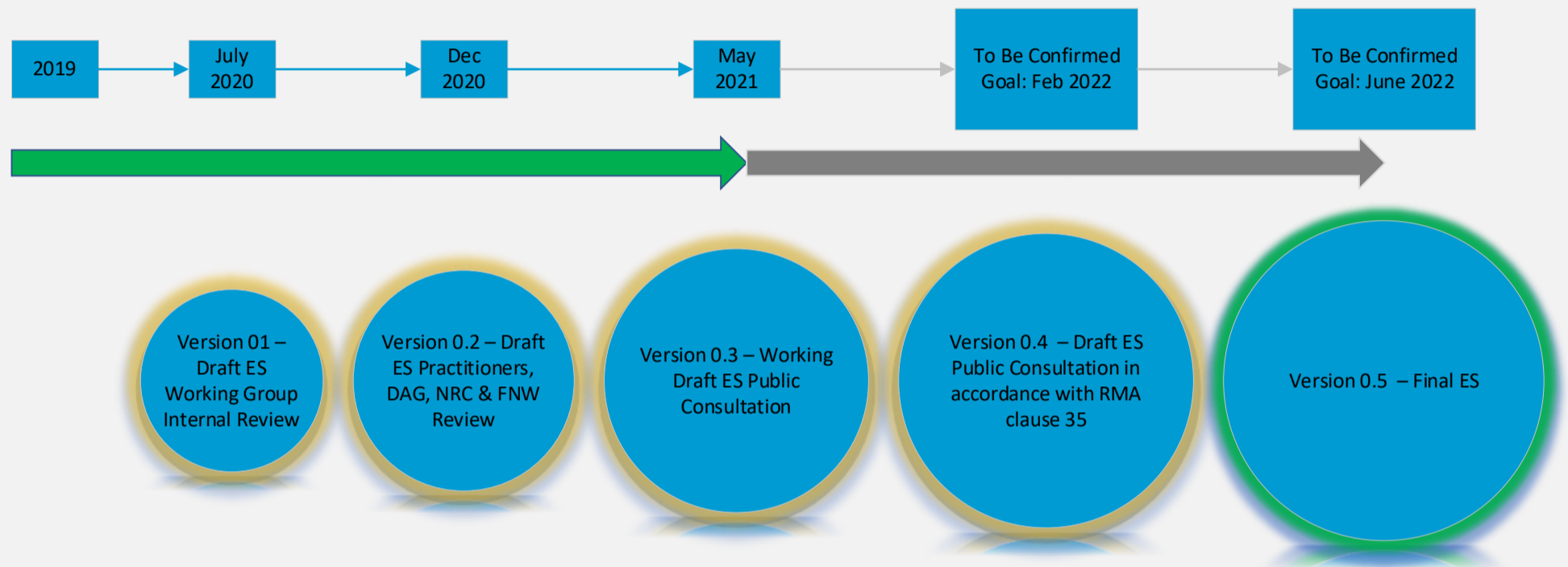


Figure 1 Key Milestone Flowchart

Date Finalized	Version	Comment
2019	WDC Draft ES	Adopted WDC Draft ES
July 2020	Issue 0.1	Draft ES – June 2020 version was produced. Document was review by FNDC internal working group and external consultant. Actions was recorded based on the review feedback.
Dec 2020	Issue 0.2	Draft ES – Dec 2020 version was produced. FNDC ES Review was handed to IAM Engineering Team. The Draft ES was sent for review to the Far North practitioners, FNW, FNDC internal, Disability Action Group and NRC. Actions was recorded based on the review feedback.
May 2021	Issue 0.3	Working Draft ES – May 2021 version is produced. The Working Draft ES will be sent out for public consultation. The Working Draft ES will be available to the public on the FNDC website. Review period is between 17 May – 14 June 2021.

Note:

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

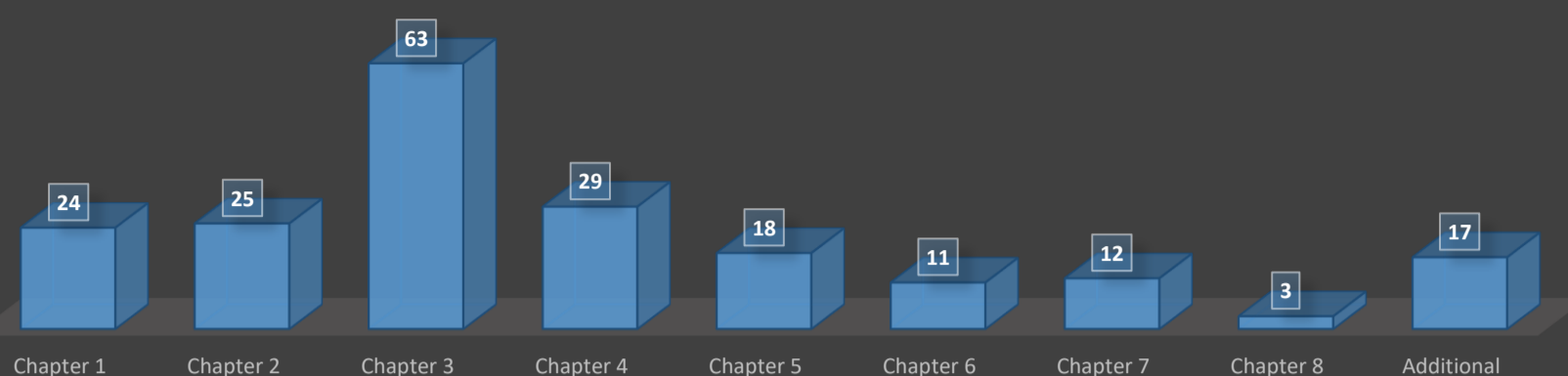
A future step (Version 0.4) in the continuous improvement process will involve public notification of the Engineering Standards as 'material to be incorporated by reference' in the proposed district plan. This will take place in accordance with the provisions of Clause 35 of Schedule 1 of the Resource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

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 appropriate 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 has been paused and is scheduled to continue sometime in the new year. The project team is currently focused on work related to the alignment of the current Financial Fixed Assets processes and data to the new IPS Suite. 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. Three alternative options to bring forward the September 2024 delivery date, was presented to the SLT during November and after some discussion the third alternative was adopted. The four options (status quo plus three alternatives), with a recommendation to adopt option four, were then presented to Elected Members at the Council Meeting on 16 December 2021. Estimated costings, for each of the options, were included in the paper to EMs. After much deliberation EMs agreed *“that the item is left to lie on the table”* and voted on an amendment *“That Council request a working group be established and a terms of reference be developed, in collaboration with CEO and relevant staff, reporting to the ARF Committee for governance oversight of Programme Darwin”*.

Programme Darwin Status Report

← Programme Details

Reporting Period	December 2021	Report Date	13 December 2021
Programme Sponsor	Andy Finch (GM – IAM)	Programme Manager - EAM	Chris Grobler

← Programme Vision & Mission

Vision: Leading best appropriate 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		Considering the estimated new timelines, a request for additional funding was submitted to Council on 16 December 2021.
Roadmap		Revised timelines, deliverables and expectations detailed in the November <u>2020</u> 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 is highly improbable. A more likely timeline now extends the delivery of Phase 1 to September 2024. Three alternative options, to reduce the delivery timeline, have been evaluated by the PSG and SLT, and a preferred option was recommended to Elected Members at the December Council Meeting. The item remains on the table and a Working Group will be established in 2022 to decide on the best course of action for the programme.
Risk		Several 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 EMs in December, however Council agreed to let the item lie on the table and requested the establishment of a working group comprising three EMs, the CEO, and relevant staff.</p> <p>Workstream</p> <ul style="list-style-type: none"> Technology: Team has temporarily pivoted away from Data Cleansing & Migration work towards work on the fixed asset register. Process: Re-evaluated funding bid for the appointment of a Workstream Lead. Asset condition assessments progressing and new WinCan application functioning as planned. Transformation: Change management plan to be developed for Programme. Stakeholders: Work has started on building web pages as a point of information and reference for internal stakeholders. 	<p>Programme: A working group comprising three EMs, the CEO and relevant staff will be established.</p> <p>Workstream</p> <ul style="list-style-type: none"> Technology: Team will continue focus on the fixed asset register work to maximize the current availability of the Fixed asset Accountant to assist the team. 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 the 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 migration process due to competing BAU tasks. The status of the project is expected to remain Amber over the next quarter.

← Programme Workstreams			
Name	Type	Status	Programme Comment
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 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 has been adopted as the preferred solution to capture and manage condition data for gravity SW and WW systems.
TRANSFORMATION: Roles & Responsibilities, People & Culture Change Management	Improvement		Initial survey completed (FieldForce4). Original transformation plan will not be pursued as Tony McCartney (PraCvus) has stepped away from the programme. A new plan is to be developed by Helen Ronaldson and Alison Carnaby once clarity is gained on the approved Option to move the Programme forward. Andy Dowdle was appointed to the programme to caretake the change management effort.
STAKEHOLDERS: Upwards, Downwards, Outwards & Sideways	Improvement		The paper drafted to secure additional funding, allowing for the recruitment of a Workstream Lead, placed on hold until a revised option/schedule is adopted by EMs. 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 transformation have delayed progress. 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 needed once the Process and Transformation teams are to come online. Also, the updated options paper presented to EMs for additional funding requires Council 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	Jan 2022
15	Three waters reform investigations/ negotiations impact both progress and team willingness to advance program.	Possible	Major	Stable	Programme leadership commitment and Programme Governance Group oversight.	PrgM – EAM	Jan 2022

← Programme Financials				
	Approved Budget	Spend to Date	Forecast Cost to Complete	Commentary
Capex	\$274,531	\$135,058	Depending on the Option adopted by EMs.	Excludes budgets related to the AMS Project and Asset Condition Assessment Programme.
Opex				-
Totals	\$274,531	\$135,058		-

INFRASTRUCTURE PLANNING

The following provides an overview of the Infrastructure Planning team's work programme, including three-waters and transport planning projects, collaboration and engagement activities and key consent applications and

EXECUTIVE SUMMARY

Three-Waters

- The resource consent application for the Ōpononi WWTP was publicly notified and approximately 160 submissions in opposition to the application have been received.
- The consent for the Puketotara stream water-take that supplies Kerikeri has been granted. The new consent allows for more flexibility in when we take water and how much water we take at certain periods of the year. When making the application we were specifically concerned about periods when KIC couldn't provide sufficient water to meet Kerikeri's demand (cyanobacteria or network issues), and demand increasing as Kerikeri's population increases which means that the Puketotara is relied on more frequently; the new consent should address these concerns. This consent has been granted for 35 years.
- Interstage monitoring has begun at the Ahipara wastewater treatment plant in support of the discharge to land investigations currently underway. This additional monitoring will provide greater information on the performance of the treatment plant and allow FNDC to find out if an upgrade would be required to safely discharge the treated wastewater onto the Kaitaia Golf Course.

Transport

- Staff are working closely with the NTA to handover Integrated Transport Plan projects and activities for operational implementation. Significant progress is already being made on several of the first three-year projects as reported in the Transport section of this report.
- The team is working with Strategic Planning and Policy team to deliver key transport legislation including the Parking Policy and Bylaw, New Road Use Bylaw and numerous other transport-related policy reviews, all of which are signaled for action in the Integrated Transport Plan. Reporting has commenced for Council and Strategy and Policy Committee consideration in February 2022.
- Work continues on preparation of a Business Case Point of Entry (PoE) application to Waka Kotahi New Zealand Transport Agency for subsidy of Integrated Transport Planning activities. These will provide the necessary structure for decision making on future transport project selection and delivery.

INFRASTRUCTURE PLANNING PROJECTS

TRANSPORT PROJECTS

Asset	Project	Collaboration	Project Summary and key dates	Project update
District Wide Transport	Integrated Transport Plan	Northland Transportation Alliance (NTA)	The final step to close off the Integrated Transport Strategy and Plan (ITS and ITP) is to formally hand it over for implementation.	The Activation Handover Report is almost complete and now awaits the completion of the Benefits Realisation Plan prior to issue to the delivery team at the NTA. We will retain a programme management function to ensure the identified benefits are being achieved and reported back to the community via Council reporting.
District Wide Transport	Integrated Transport Planning	Waka Kotahi (NZTA)	This project delivers a business case covering the many essential planning activities identified in the ITP. It's needed to ensure we deliver the right physical projects in the medium and long term.	Following advice from Waka Kotahi (NZTA) we have consolidated 14 discrete but interrelated transport planning activities into a single application for subsidy of Business Case development. This has earned us 'Probable' subsidy of \$1.2m. We continue to work closely with Waka Kotahi to have the project confirmed as approved. A document called a Point Of Entry is the key and we have substantially completed it. Finalisation meetings are planned early next year. In case we don't gain approval, local share funding as allocated in the LTP will be used to fund reduced scope business cases.
Kerikeri Area Transport Network	Kerikeri Area Transport Network Plan	SPP Strategy Development	The districts number 1 transport priority in the ITP. This project is to undertake the next steps towards delivery of a fit for purpose futureproof multimodal network integrated with land uses.	Staff are working with Waka Kotahi to restructure our subsidy application into the district wide 'Integrated Transport Planning activity (after our initial application for a standalone project was declined). This will ensure that multi-modal and land use / urban form objectives can be better incorporated. On 24 November, the Infrastructure Committee received the report and plans for the Kerikeri Waipapa Transport Network business plan. The business case approach will refresh and validate fully integrated solutions to the wider Kerikeri/Waipapa area. Preparation of a business case is a condition of funding subsidy for NZTA, as well as a council requirement and process, established to ensure that public funds are wisely invested in assets and infrastructure.
District Wide Transport	Low Cost Low Risk Capital Works	Northland Transportation Alliance (NTA)	Preparation of ITP Project Briefs to guide NTA in delivery of Low Cost Low Risk Transport Capital Works that have been approved for subsidy by Waka Kotahi (NZTA).	Significant progress has already been made on several of the first three year projects identified in the Transport Activity Management Plan and detailed in the Transport section of this report. Project Briefs continue to be developed and reviewed in meetings with Waka Kotahi (NZTA) and the NTA.
Policies & Bylaws	Parking Policy and Bylaw	SPP Strategy Development Comms	The current Parking and Traffic Control Bylaw will automatically be revoked on 17 June 2022 so this project creates a replacement. It also answers the need identified in the ITP for Council to have a Parking Policy to provide clear direction on parking which is highly topical and prevalent throughout the ITP.	The team is working closely with Strategic Planning and Policy team to deliver key transport legislation including the Parking Policy and Bylaw, New Road Use Bylaw and numerous other transport-related policies, all of which are necessary to provide clear direction for implementation of the Integrated Transport Plan. The Parking Bylaw report to Council has been drafted and is undergoing legal review prior to submission for adoption in February 2022. Staff engagement on a draft parking policy is complete, however the Elected Members workshop originally scheduled for October 2021 was deferred due to higher priority workshop topics. A Parking Policy options report has been drafted for S & P committee consideration in February. Options will focus on whether or not Elected Members wish to Workshop a draft Parking Policy.

WASTEWATER PROJECTS

Asset	Project	Collaboration	Project summary and key dates	Project update
Kaitiāia WWTP	Discharge Resource Consent	Iwi	To renew the resource consents for the Kaitiāia WWTP. The resource consent application has been lodged with NRC and is on hold until resource consent conditions have been agreed between FNDC and iwi representatives.	Staff and iwi representatives last met in November to discuss and agree consent conditions that could be included in the consent that will mitigate some of the effects that the discharge has on cultural values. These conditions might include, for example, the requirement that FNDC fund riparian planting at the discharge site, organise and attend annual hui, and allow for Cultural Health Monitoring to take place.
	WW Discharge to Land Investigation	Iwi; Te Hono; Engagement Team	To engage with iwi and landowners for the purpose of agreeing a preferred site for the discharge of treated wastewater and to develop a discharge concept design for that site by mid-2023.	Engagement with mana whenua representatives from Te Rūnanga o Te Rarawa, Te Rūnanga o Ngai Takoto, Ngāti Kahu (Otoru Marae and Te Paatu marae reps), Te Rūnanga Nui O Te Aupōuri continues. Preparation for landowner engagement that is scheduled to commence in early 2022 progressed in collaboration with Engagement and Corporate Services (Property Officer) staff.
Kaikohe WWTP	Discharge Resource Consent	Iwi; Te Hono; Engagement Team	To renew the resource consents for the Kaikohe WWTP. The resource consent application has been lodged with NRC and is on hold with the support of iwi/hapu representatives for further engagement.	Engagement with iwi representatives from Te Rūnanga Ā Iwi Ō Ngāpuhi, and hapu representatives from Te Uri o Hua, Ngāti Whakaeke, and Ngāti Tautahi is progressing with hui at which it has been agreed that a formal working group will be established. Terms of Reference are being worked on between FNDC and mana whenua and include the sharing of monitoring and compliance data.

Asset	Project	Collaboration	Project summary and key dates	Project update
	WW Discharge to Land Investigation	Iwi; Te Hono; Engagement Team	To engage with iwi and landowners for the purpose of agreeing a preferred site for the discharge of treated wastewater and to develop a discharge concept design for that site by mid-2023.	The work associated with this project will be included in the Terms of Reference of the working Group being established for the Discharge Resource Consent. Material was prepared for presentation once the working group is finalised, to introduce the topic of WW disposal to land and to initiate discussion regarding how the working group wishes to investigate this option.
Kāeo WWTP	Discharge Resource Consent	Iwi; Te Hono; Engagement Team; Community	To renew the resource consents for the Kaeo WWTP. The application will be lodged before the end of July 2022.	The Engagement Team has supported and endorsed the Community Stakeholder and Engagement Plan (CSEP). Engagement with key stakeholders and the wider community is being planned for early 2022. Most technical reports required to support the application have been procured with delivery in the first quarter of 2022.
	WW Discharge to Land Investigation	Iwi; Te Hono; Engagement Team; Community	To develop an understanding of whether discharge to land is practicably, economically, and environmentally viable in Kaeo.	The feasibility stage of investigations has been completed. This stage includes desktop level investigations and a high-level economic assessment. These investigations have found that discharge to land is practicably feasible with an estimated 28 Ha of land required. However, the costs would be high meaning it may be economically unviable. Engagement with iwi, and the general community will begin in the new year to determine interest in the project. A report to the infrastructure committee will then go ahead in the first half of 2022.
Hihi WWTP	Discharge Resource Consent	Iwi	To renew the resource consents for the Hihi WWTP. The application will be lodged before the end of August 2022.	Staff and hapū representatives met in December to discuss resourcing a Cultural Impact Assessment to support the resource consent application. Fieldwork for the ecological and odour assessments is scheduled for January. A performance assessment is underway. A hydrodynamic study was completed in December to support a public health risk assessment that will be undertaken in January.
	WW Discharge to Land Investigation	Iwi; Te Hono; Engagement Team; Community	To develop an understanding of whether discharge to land is practicably, economically, and environmentally viable in Hihi.	The feasibility stage of investigations has been completed. This stage includes desktop level investigations and a high-level economic assessment. These investigations have found that discharge to land is practicably feasible with an estimated 8 Ha of land required. However, this would be at a high cost, therefore likely to be economically unviable using targeted rates. This would also be an additional cost to the upgrades being planned for the Hihi WWTP.
Ōpononi WWTP	Discharge Resource Consent	NRC	To renew the resource consents for the Opononi WWTP.	The application's submission period ended 17 December 2021 and approximately 160 submissions were received in opposition to the application. A date for the hearing has not yet been set.
Kohukohu WWTP	Discharge Resource Consent		To renew the resource consents for the Hihi WWTP.	A Cultural Impact Assessment is required to complete the application to allow it to be publicly notified. This was expected before the end of 2021, however, there have been many delays on this aspect of the project mainly owing to Covid restrictions delaying hui for the involved hapū groups.
Ahipara WWTP	WW Discharge to Land Investigation	Kaitaia Golf Club; Iwi; Engagement Team; Community; External Consultants	To investigate the potential for discharging treated wastewater from the Ahipara WWTP to the Kaitaia Golf Club as a form of irrigation.	Kaitaia Golf Club approached FNDC in February 2021 to discuss this opportunity. The practical feasibility of this has been confirmed with on-site testing. A concept design is now being developed with two main workstreams: Irrigation design and a review of the wastewater treatment plant. Interstage monitoring has begun to gain an improved understanding of the Ahipara wastewater treatment plant. This will allow FNDC to determine whether upgrades are needed in order to safely discharge the treated wastewater onto the Kaitaia Golf Course. Engagement with the Kaitaia Golf Club, iwi, and the general community will follow to assess interest in the projects continuation.
Network Hydraulic Models	Network Model updates	External consultants	TIF funding enabled a new model to be built for Paihia. DIA funding is awarded for new/updated WW models in Taipā, Hihi, Kaikohe, Kaitāia, Kawakawa, Kerikeri, Rangiputa, Whatuwhiwhi. Project completion will be May 2022.	The model for Paihia is complete. Stage 1 Data Review and Gaps Analysis reports are being reviewed to determine extent of additional data required for model build stage. Flow gauging units have been deployed in networks that will have new/updated models and will remain in situ until February 2022. Critical asset survey work is ongoing, including arranging additional pump station drawdown testing. Offers of Service to undertake Stage 3 (model build and calibration) have been received and are being assessed with a view to finalise prior to Christmas.
Scheme Demand Forecasting	WW Demand Forecasting	External consultant; Development Engineering	In 2021 staff procured a demand forecasting methodology tool (excel spreadsheet) into which scheme specific data could be input alongside other relevant data such as demographic forecasting information, to enable future demands on our schemes to be modelled.	Demand forecast modelling is complete for Paihia and Kaitaia, and is currently being developed for the community of Kerikeri. This is set to be complete by the end of 2021. Following the development of the Kerikeri demand forecast, Kaikohe will likely be the next one to be undertaken.

WATER SUPPLY PROJECTS



Asset	Project	Collaboration	Project Summary and key dates	Project update
Water Supply Schemes	Treated Water Supply Bylaw	SPP – Donald Sheppard as Project Manager	To draft for adoption a new Treated Water Supply Bylaw for FNDC prior to the revocation date (16.10.2021) of the previous FNDC Water Supply Bylaw	The bylaw was adopted in September 2021.
Network Hydraulic Models	Network Model updates	External consultants	TIF funding enabled a new model to be built for Paihia. DIA funding is awarded for new/updated WS models in Kaikohe, Kerikeri, Kaitaia. Project completion will be May 2022 and the funding project deadline is June 2022.	The model for Paihia is complete. Stage 1 Data Review and Gaps Analysis reports are being reviewed to determine extent of additional data required for model build stage. Flow gauging units have been deployed in networks that will have new/updated models - this will be removed in December. Critical asset survey work is ongoing. Offers of Service to undertake Stage 3 (model build and calibration) have been received for a number of networks and are being assessed with a view to finalise prior to Christmas.
Scheme Demand Forecasting	WS Demand Forecasting	External consultant; Development Engineering	In 2021 staff procured a demand forecasting methodology tool (excel spreadsheet) into which scheme specific data could be input alongside other relevant data such as demographic forecasting information, to enable future demands on our schemes to be modelled.	Demand forecast modelling is complete for Paihia, Kaitaia, and is currently being developed for the community of Kerikeri. This is set to be complete by the end of 2021. Following the development of the Kerikeri demand forecast, Kaikohe will likely be the next one to be undertaken.
Puketotara Water Take	Renewing the resource consent for the Puketotara Water Take	External consultants. NRC	To renew the resource consents for the Puketotara water take that supplies Kerikeri WTP. The consent will allow for more flexibility in the take and allow for more resilience over low-flow periods.	The consent has been granted. The new consent allows for more flexibility in when we take water and how much water we take at certain periods of the year. When making the application we were specifically concerned about periods when KIC couldn't provide sufficient water to meet Kerikeri's demand (cyanobacteria or network issues), and demand increasing as Kerikeri's population increases which means that the Puketotara is relied on more frequently; the new consent should address these concerns. This consent has been granted for 35 years.



STORMWATER PROJECTS

Asset	Project	Collaboration	Project Summary and key dates	Project update
Kerikeri & Kaitaia Urban SW Catchment	Discharge Resource Consent	NRC	To obtain urban stormwater consents for Kaitaia and Kerikeri.	Due to changed (now) operative requirements of the Proposed Northland Regional Plan urban areas now require Stormwater Consents. Currently working with NRC and developing a scope of what is required.

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

Risk workshops were facilitated by Jacobs NZ Ltd (JNZL) in early December. JNZL are now compiling risk registers and improvement plans. The first of eight Water Safety Plans will be submitted in late January. The balance to be submitted before March. The project is on time and under budget. The Project Manager has started planning for implementation of changes required by the drinking water framework.

DRINKING WATER STANDARDS




Submissions on the first set of water services regulations are open from 17 December to 28 March 2022. More information can be found at [Taumata Arowai - Citizen Space](#). The following documents are open for consultation.

- ▶ Drinking Water Standards
 - Drinking Water Quality Assurance Rules
 - Drinking Water Aesthetic Values
 - Drinking Water Acceptable Solution for Roof Water Supplies
 - Drinking Water Acceptable Solution for Spring and Bore Water Supplies
 - Drinking Water Acceptable Solution for Rural Agricultural Water Supplies
 - Drinking Water Network Environmental Performance Measures

CURRENT ABATEMENT NOTICES

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. 	The preferred upgrade strategy which derived from the 'Issues and Options' report was: chemically assisted solids removal, UV disinfection, with an external ammonia removal package, including the maintenance of harbour discharge. This upgrade strategy has supported the resource consent renewal application and has been put forward in the Long-Term Plan.
Kaitaia WW Network	<ul style="list-style-type: none"> The abatement notice was issued in April 2016 due to unconsented network overflows Unconsented network overflows 	Screens have been installed at the overflow location and programme of work is underway to reduce frequency of overflows. An Action Plan has been created to prioritise the creation of a Leak Detection Plan as a result of the planned zonal monitoring.
Awanui Riverbank	<ul style="list-style-type: none"> Erosion of riverbank sediment into Awanui River above Kaitaia water take weir causing sediment discharge 	DIA funding of \$215,000 has been earmarked for stabilising the riverbank adjacent to the weir. Site investigation and preliminary engineering advice has been commissioned.
Ahipara WWTP	<ul style="list-style-type: none"> Leachate levels exceeding consented limit of 10m³ per day 	FNW has obtained funding for new automated monitoring equipment which will enable greater control of the leachate discharge.
Russell WWTP	<ul style="list-style-type: none"> Outstanding monitoring data and maintenance records 	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.
Mill Bay Odour	<ul style="list-style-type: none"> Discharge of odour from a pumpstation at Mill Bay. Issued 20 December 2021 	IAM Team Lead investigating odour complaints in the Mill Bay Area. Options to resolve the issue will be investigated once the root cause of the odour is determined.

WATER AND WASTEWATER RMA COMPLIANCE REPORT – DECEMBER 2021

Sites	Asset Group	December Status	Comment
Kaitaia		● Compliant	
Kaikohe		● Compliant	
Kawakawa		● Compliant	
Kerikeri		● Compliant	
Okaihau		● Compliant	
Opononi		● Compliant	
Paihia		● Compliant	
Rawene		● Compliant	
Russell		● No data	<ul style="list-style-type: none"> • Liaising with FNW to obtain data on bore take. This consent is for firefighting and public toilets and is not a potable supply.
Ahipara		● Condition 10 - Faecal Coliforms Condition 2 - Leachate	<ul style="list-style-type: none"> • Council is investigating land disposal options at Ahipara. • Funding has been found to purchase equipment for automated leachate monitoring. This will enable more precise control.
Hihi		● Compliant	<ul style="list-style-type: none"> • The project to upgrade plant is in its initiation phase. • The downstream NH4-N exceeded 1.6g/m3. There was a similar breach in January 21 suggesting this is caused by summer low flows. This can be addressed in the design of the new treatment plant. • Special summer E.Coli monitoring has commenced as required by consent conditions.
Kaero		● Compliant	
Kaikohe		● Compliant	<ul style="list-style-type: none"> • Consent renewal application has been lodged. • Upstream monitoring results for NH4 – N breached consent conditions. Operator reports cattle present in stream.
Kaitaia		● Compliant	
Kawakawa		● Compliant	<ul style="list-style-type: none"> • Total suspended solids (TSS) trending up. Trend will be monitored.
Kerikeri		● Compliant	
Kohukohu		● Compliant	
Opononi		● Condition 19 – E.Coli.	<ul style="list-style-type: none"> • Wetland restoration completed in October. E.coli has reduced from 10863 MPN to 3076 MPN but is not yet in compliant range <3000MPN. • Resource Consent renewal in process.
Paihia		● Compliant	<ul style="list-style-type: none"> • Note due to a high actual NH4-N reading in October the 50%ile and 90%ile have trended up. To remain compliant actual NH4 – N will need to trend down over the next 12 sample results. • Desludging is proposed for this year
Rawene		● Compliant	
Rangiputa		● Compliant	
Russell		● Non-compliant	<ul style="list-style-type: none"> • <u>Water Quality compliant this month</u> • Non-compliance relates to outstanding reporting and monitoring. • IAM Team Lead liaising with NRC and FNW about current abatement notice. An infringement notice was received on 14 Jan 22 in relation to a high E.Coli result immediately after a UV unit fault in Oct 21. • Asset Managers have scheduled several improvements; Inlet Works (screen), UV Unit Replacement, New or Refurbished disposal bores, Pond liner replacement.
Taipa		● Non-compliant	<ul style="list-style-type: none"> • Desludging of lagoon 2 in October temporarily affected processing of ammonia. The ammonia trend has improved from 28.1g/m3 in October to 9.89g/m3 in December. The consent limit is 5g/m3. • All other parameters were compliant and E.Coli and coliform results have improved significantly since desludging.
Whatuwhiwhi		● Condition 8 – TSS	<ul style="list-style-type: none"> • Faecals and E.Coli trending up. FNW investigating options for replacing aerator and desludging. Seeking methodology, timeline and cost from provider. Due for desludging in 23/24 year. UV's being serviced January 2022.

ASSET MANAGEMENT

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

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

EXECUTIVE SUMMARY

December saw the run up to the Christmas and New Year break for the team with continued drive and focus on key activities.

To highlight a few key activity areas:

- A drive and focus on completion of either business cases, scopes, or statement of works for projects in the Capital Delivery programme
- A focus on moving forward the Stormwater Strategy
- Further tweaks to projects for the Annual Plan
- Packages of work and tenders for the Condition Assessment Programme for FY21/22

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 December 2021. Adoption of the plan will be in June 2022.
Stormwater Strategy		●	●	●	●	FY21/22	<p>Next steps:</p> <ul style="list-style-type: none"> Finalise the Project Concept Form Do options paper for Strategy and Policy Committee (aiming for March 2022 meeting) Engage with the community <ul style="list-style-type: none"> Develop engagement plan Identify key affected parties Full Elected Member workshop Draft Strategy Draft Action Plan Internal workshop
Asset Identification / Condition Assessments							
Prioritised Scheduled Asset Condition Assessments	All	●	●	●	●	FY21/31	Packages of work for District Facilities Playgrounds Safety and Compliance District-Wide, Heritage Buildings and Objects and Sculptures have been put out to Tender. Works to be awarded in February 2022. A package of work for CCTV is underway with a Procurement Plan being finalised before Christmas.
Other							
Asset Management System	All	●	●	●	●	FY21/23	Data Transformation continues with full operational use of INFOR ('Go Live') is now expected for September 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 transition workstreams 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. Gap analyses are largely complete and flow monitoring is underway. RFPS for the model build/update phase have been received and are being assessed with a view to finalise engagement before Christmas.
Wastewater modelling requirements		●	●	●	●	FY21/24	As above

DISTRICT FACILITIES

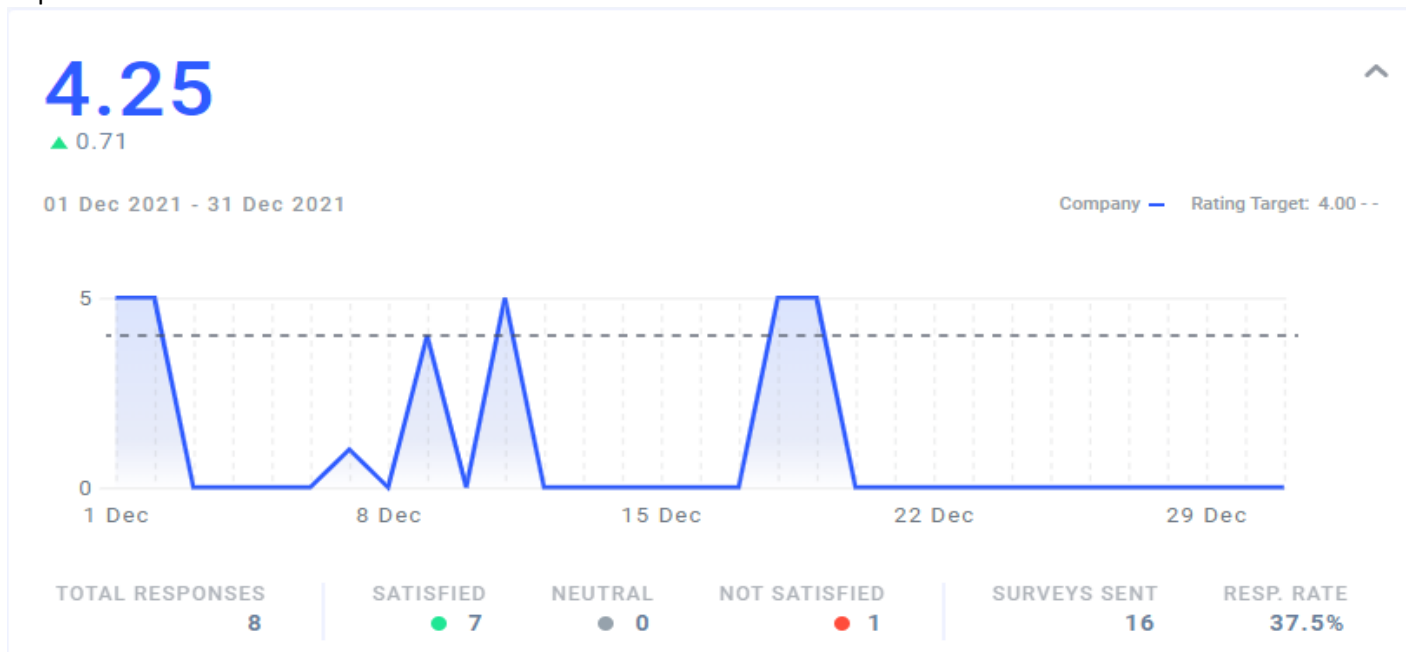
Maintain Council parks, reserves, cemeteries, owned community and operated buildings, Housing for the Elderly, public toilets, town maintenance, contracted swimming pools and Solid Waste in accord with policy, strategy and legislation.

EXECUTIVE SUMMARY

- Covid continues to affect service delivery. Vaccine mandates have started to impact some contractors who have lost staff as a result of this. Transport delays have slowed delivery of supplies and spare parts, which has caused difficulties.
- Audits of town maintenance and mowing have been stepped up in response to complaints over the length of grass in some areas esp. reserves. Some of these complaints are due to lack of understanding of the level of service at lower grade reserves, other complaints are a result of vigorous spring growth.
- A joint application between Northland Waste and FNDC to the Glass Packaging Forum has secured \$35,000 of funding to upgrade the glass storage bunkers at the Russell refuse transfer station/landfill. This will improve the quality of glass recovered as well as improve transport efficiency.

ASK NICELY – CUSTOMER EXPERIENCE PROGRAMME

Efforts to improve communication with customers is starting to pay off and customer satisfaction has consequently improved.



RFS's	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Aug '21	Sept '21	Oct '21	Nov '21	Dec '21
# received	452	346	348	393	367	318	388	278	325	361	441	360

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 '21	Dec '20
Near Miss	0	0	0	0	0	1	0	0	0	0	0	1
Vehicle / machinery near miss	1	3	0	1	3	0	0	0	0	1	1	0
Non-serious harm	2	1	1	0	0	1	2	0	0	2	0	0
Serious harm	0	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	0
Public Altercation	0	0	0	0	0	0	0	0	0	1	0	0
Chemical Spill	0	0	0	0	0	0	0	0	0	0	1	0

Near Miss: Vehicle driver stung by bee while driving.

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

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	0	0
Non-serious harm	2	1	1	4	1	3	0	0	0	0	1	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	1	1	1	0	0	0	0	0	0	0
Vehicle / Machinery accident	1	0	0	0	0	0	0	0	0	0	0	0

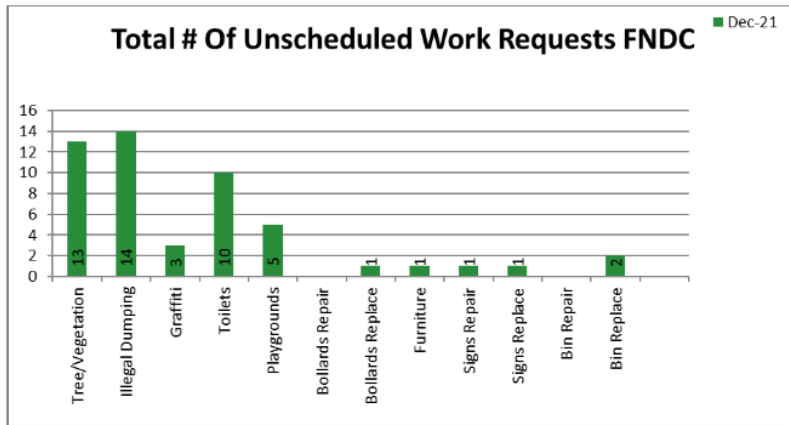
Northland Waste (Russell RTS and landfill)

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

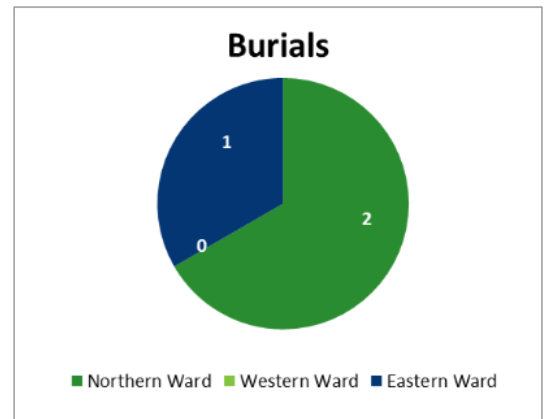
CBEC Eco Solutions (Waste Education Contract)

ACCIDENT TYPE	Jan '21	Feb '21	Mar '21	Apr '21	May '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	0	0
Non-serious harm	0	0	0	0	0	0	0	0	0	0	0	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident	0	0	0	0	0	0	0	0	0	0	0	0

RECREATIONAL SERVICES



Number of unscheduled works requested by FNDC



Number of burials at Council public cemeteries

RSL Internal Audits

	Target	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Average
Mowing	95	99.5	100.0		97.7	98.0	100.0	99.5	99.1		98.0	97.2	98.1	98.6	99.2
Edging	95	98.9	100.0		100.0	99.4	98.1	95.0	100.0		97.6	98.8	100.0	93.8	99.3
Gardens	95	92.6	100.0		98.6	99.1	97.2	100.0	100.0		98.6	97.2	100.0	98.6	99.2
Playgrounds	95	97.6	100.0		100.0	99.4	92.9	98.8	93.7		96.4	100.0	98.8	100.0	99.3
Town Maintenance	95	98.4	91.7		98.8	97.2	95.7	95.2	99.1		98.4	98.8	95.3	98.0	98.1
Toilet Maintenance	95	97.4	98.7		96.4	96.8	96.2	93.7	96.1		95.2	96.8	100.0	98.4	97.3
Cemeteries	95						100.0	100.0	100.0				95.9	100.0	99.0
Furniture	95	100.0	100.0		100.0	99.4	100.0	100.0	100.0		100.0	100.0	99.0	100.0	99.5
Total Internal	95	98.4	97.9		98.6	98.3	97.6	96.9	98.7		97.7	98.5	98.3	97.8	98.7

RSL internal Town Maintenance contract audits

Council Audit of RSL

	Target	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Average
Mowing	95										100.0	100.0	100.0	100.0	100.0
Edging	95										98.3	100.0	100.0	100.0	99.2
Gardens	95										99.3	97.9	100.0		98.6
Playgrounds	95										100.0	100.0	98.8		100.0
Town Maintenance	95										96.6	99.3	100.0		98.0
Toilet Maintenance	95										91.2	92.1	99.8	100.0	91.7
Cemeteries	95										100.0	100.0	100.0		100.0
Furniture	95										99.0	100.0	100.0		99.5
Total Internal	95										96.9	97.9	99.9	100.0	98.7

FNDC internal Town Maintenance contract audits

CEMETERIES

Kerikeri Cemetery

New concrete plot and ash berms are to be installed in the newer section of the cemetery to extend the available sites.

Russell Cemetery

Site is being scoped to determine locations of new plot berms to increase available plots.

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. A powhiri planned earlier for November at Kororareka Marae has been postponed until in the new year due to the impact of COVID and boundary restrictions. A tentative start date of February 14th has been provided for this work.

Our contractors were requested to place geotextile cloth and sandbags at the direction of HNZ to try to minimise erosion to the koiwi while waiting on the excavation works planned for the new year. The area has been temporarily fenced off.



Erosion control work – Long Beach Koiwi Site, Russell

Paihia-Opua Walkway track closure

The boardwalk section of the Paihia-Opua walkway is currently closed due to a rotted-out bridge pile on the footbridge crossing the tidal river. The Communications team have notified locals and visitors of the closure and its

potential impacts to the busy walkway.

Barriers have been erected at each end of the boardwalk to stop the public being able to access the section of the track and signage is being progressed informing track users of the situation. On several occasions prior to the Xmas break these barriers were vandalised and removed by the public in attempts to continue to use this track. The bridge section of the walkway spanning the river has also been removed in an effort to ensure public safety and stop people continue to use the damaged facility.



Rotten bridge section of boardwalk removed - Paihia-Opua Walkway



Barriers erected on section of walkway affected by track closure

Potential repair options are being scoped by the Asset Management Team.

Charlies Rock Track Closure

The entry into this track off Waipapa Landing Road has been washed out on multiple occasions and the track is currently closed.

Our contractors have had to remove all of the underground culverts, effectively leaving the track as an open stormwater drain and making the site unsafe for use. Work is being planned with the Communications Team to notify locals and visitors of the closure and its potential impacts to the busy track to a popular summer swimming hole.



Charlies Rock track closure

It's unfortunate that this track will be closed for some time and potential repair options are currently being scoped by the Asset Management Team.

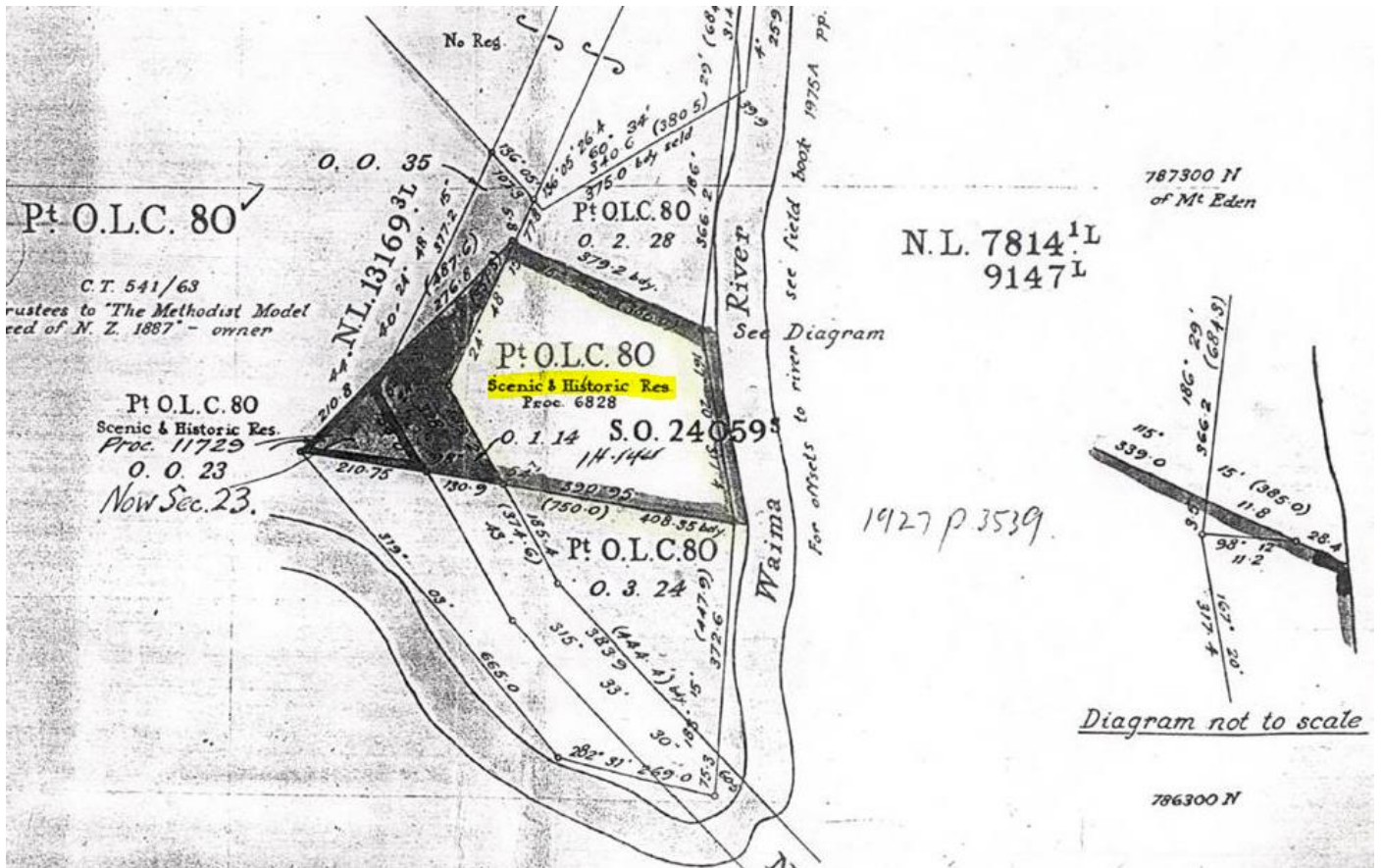
Vegetation Control

There are a growing number of sites, typically unmaintained reserves, where neighbouring property owners, and or concerned locals, are complaining about the number of noxious weeds and invasive plant species growing within the reserves. The general feeling appears to stem from the expectations that private property owners are responsible for the control and eradication of noxious weeds etc from their own properties and yet Council reserves are not maintained and contribute to the continuation of the issue.

There is currently no operational budget to tackle this issue and this extends across the entire district.

Waima Historic and Scenic Reserve

Heritage New Zealand has brought to council attention a Historic and Scenic Reserve situated on Mission Oak Road, Waima. FNDC hold a control and management appointment over the reserve. The reserve is not currently listed on council asset register. Investigations are underway to add this site to the asset register. The reserve will need a considerable amount of work to bring the site to a maintainable standard.



Map of Waima Scenic and Historic Reserve

PLAYGROUNDS

The shade sails have been reinstalled at Jaycee Park Playground, Centennial skate park, Kaitaia and Jonson Park, Kawakawa. The Kerikeri Domain shade sail is planned to be reinstated January 2022. Delays in the reinstatement at Kerikeri was due to project work being carried out in and around the Kerikeri Domain.

TREE MANAGEMENT

On-going issues with trees continue to be reported, mainly associated with leaf drop, dead/hanging branches and nuisance trees. 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.

Pohutukawa Trees - SH12, Opononi

Work to install barriers below the notable Pohutukawa trees was stalled due to not being able to secure the use of a Hiab. This work will be progressed in January 2022.

Redwoods, Kerikeri

Arborist Consultants, Arborlab (an Auckland based company) completed their inspection of the two stands of Kerikeri Redwoods pre-Christmas. The final report and recommendations are expected late January early February.

District-wide Palm Issues

Works on priority one palms has been approved and are in the process of being actioned.

Kaikohe Mainstreet trees

Four trees along Kaikohe main street require maintenance due to growth, proximity to building and obstruction of community patrol cameras. An arborist will be engaged to assess and determine necessary tree maintenance to ensure the natural growth & health of the trees, while considering potential risk to people and or property.



Kaikohe Mainstreet tree/s proximity to buildings and obstructing community patrol cameras

PUBLIC TOILETS

All toilets continue to display current COVID QR codes and as a result of the on-going nature of COVID, perspex covers will be installed to better protect and reduce the time needed to replace the QR codes.

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.

TOWN MAINTENANCE

Williams Road Paihia

An area outside the Williams Road public toilets and carpark has been the site of recent H&S concerns due to members of the public tripping on the uneven surfaces / kerb block lip. An option to install a seat and tidy up the hazards was considered and approved to rectify the issues.



Williams Rd potential trip hazard location

Rawene Township

Spraying in Rawene township has been suspended while discussions continue with Council and the Hokianga Spray Committee. The impacts have resulted in poor edge control and kerb and channel clearance. Recreational Services are currently weed eating areas of concern while alternative measures are being investigated. The Rawene Cemetery is a particular area of concern and discussions are underway to have this area exempted from being a no spray location.



Rawene Township gardens edge control and Clendon Esplanade kerb and channel

KAITIAKI RANGERS

Although MBIE Responsible Camping funding was not available this year, Council contributed \$5000 towards a DOC supported scaled down Kaitiaki Rangers programme to oversee the Karikari Peninsula and Taipa area from mid-December to mid-January and if possible, over the Northland Anniversary and Waitangi weekends. To date, the information received confirmed the programme was hugely successful in managing mainly 'freedom camping' issues.

ANNUAL DOMAIN COMMITTEE INFORMATION

Letters have been sent to the Domain Committees requesting their 2020/21 annual information before their annual grant can be uplifted. It is planned that this information will be presented to the appropriate Community Board's March / April meetings.

ENCROACHMENTS

General

Encroachment issues continue to be received however due to priorities and resourcing issues many of these are suspended. District Facilities are aware of the following:

Location	Ward	Background	Status
Okiato / Deeming Road, Russell	Eastern	Site meeting held with NZ Walking Commission.	Suspended
Wharau Road Reserve	Eastern	Waiting on legal information before deciding on next steps.	WIP
Te Wahapu, Russell	Eastern	Areas of encroachment being investigated.	Suspended
Heron Hill, Kerikeri	Eastern	A historical situation where a boatshed and boat ramp built over an esplanade reserve. Site visit needed.	Suspended
Major Bridge Drive, Russell	Eastern	Boatsheds constructed on council reserve.	Suspended
Doves Bay Road, Kerikeri	Eastern	As per a RC application, several structures have been identified as being built on Council reserve land.	Suspended
Hansen Road, Kerikeri	Eastern	Details to be confirmed with Monitoring and Compliance team	Suspended
Scenic Reserve, Paihia	Eastern	Historic Issue: Private dwelling located a courtyard and other structures on Council reserve.	Suspended
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.	Suspended
Cable Bay	Te Hiku	Buildings, gardens, steps and a shower built on an open space legally described as 'Road'. Discussions continue as to when these matters will be addressed.	WIP
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.	Suspended
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.	TBC

SOLID WASTE

Russell Refuse Transfer Station / Landfill

A joint application between Northland Waste and FNDC to the Glass Packaging Forum has secured \$35,000 of funding to upgrade the glass storage bunkers at the Russell refuse transfer station/landfill. This will improve the quality of glass recovered as well as improve transport efficiency.

Extending the Range of plastics accepted at FNDC sites.

Expanding the range of plastics accepted at FNDC sites to include coloured #2 plastics (janitorial) and #5 plastics (ice cream containers, some yogurt pottles etc) has been well received by the public **Whangae Road Clean up**.

A clean up of large-scale illegal dumping off Whangae road was carried out under difficult circumstances. The rubbish was thrown into a very steep bush clad gully and the contractors had to be lowered on ropes to load rubbish into fertiliser sacks. A Hiab truck then hoisted out the sacks of rubbish. The dumping and subsequent clean-up was covered in the local newspaper and FNDC was portrayed positively. The main message was anti-dumping and emphasised how much of the material could have been recycled at no cost.

Vaccine Mandate

Waste Management has mandated vaccines for their staff due to demand for this from their customers who are either legally obliged to insist on vaccinated contractors or have adopted this policy for other reasons. This has resulted in some staff shortages which they are working hard to rectify.

ECO SOLUTIONS REPORT - DECEMBER 2021

Ecosolutions winds up early in December as schools and businesses are busy and focused on the upcoming holiday season.

Schools - We made beeswax lunch wraps for all the students in Mission Place as Xmas presents for whanau. The students were excited to learn the process and understand why we need better alternatives to plastic wrap for food.

Communities - We wrapped up the year by presenting EcoStar Award to our organisations that have been increasing sustainability in their workplace. Nga Wawata, REAP, Anne West, River Kids, Doubtless Bay Kindi, and Mission place were grateful having their hard work recognised. We estimate these organisations have increased the waste they have diverted from landfill by 48 wheelie bins this year!

EcoSolutions have also updated the Far North Recycling Guide and are working on a new recycling infographic for the Recycling Transfer Stations.

We attended a meeting around reducing waste and emissions with DoC, and assisted DoC to identify areas to improve sustainable practices in their campgrounds and offices. We have offered assistance to increase composting facilities and have arranged the installation of carbon cycle compost bins in one campsite as a trial.

Businesses - A fruitful meeting was had with the Ngawha Innovation Park regarding collaboration for waste systems at the park during construction and when the park is operational as well as meeting with all Hearts in Kaikohe with regards to creating a compost hub in Kaikohe.

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! DoC has signed on as EcoStar businesses for all their offices and campgrounds in the far North which is a massive win. A fruitful meeting was had with the Ngawha Innovation Park regarding collaboration for waste systems at the park during construction and when the park is operational.

Community Compost Connection - The first round for the Community Compost Connection has been completed.

Para Kore - 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 Maori view in our education.

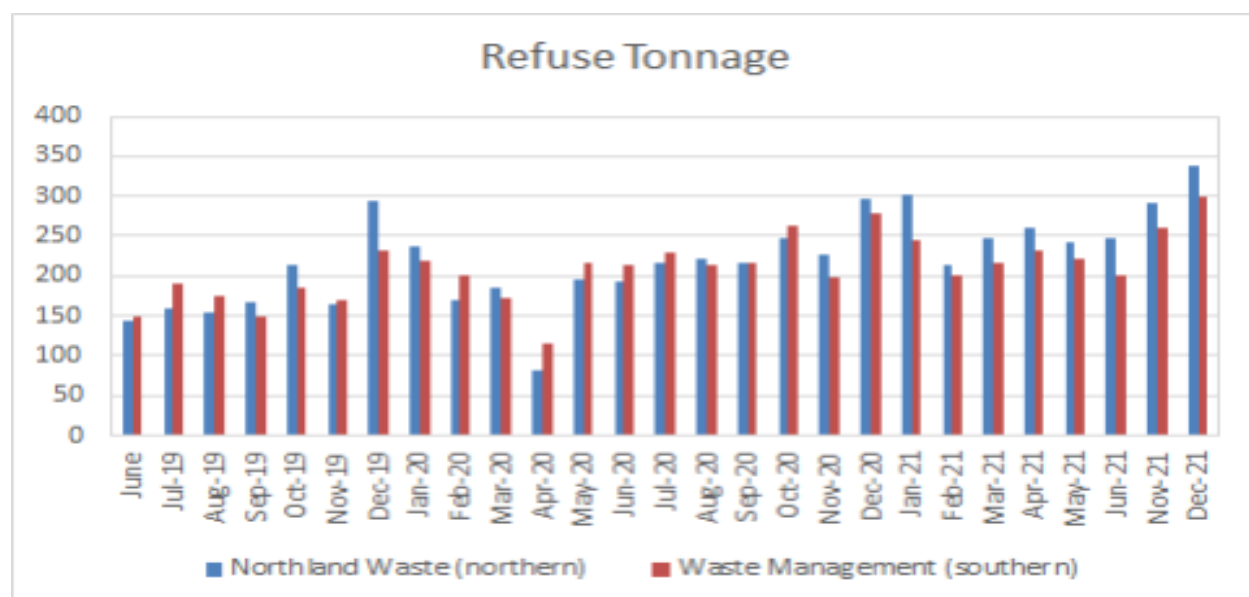
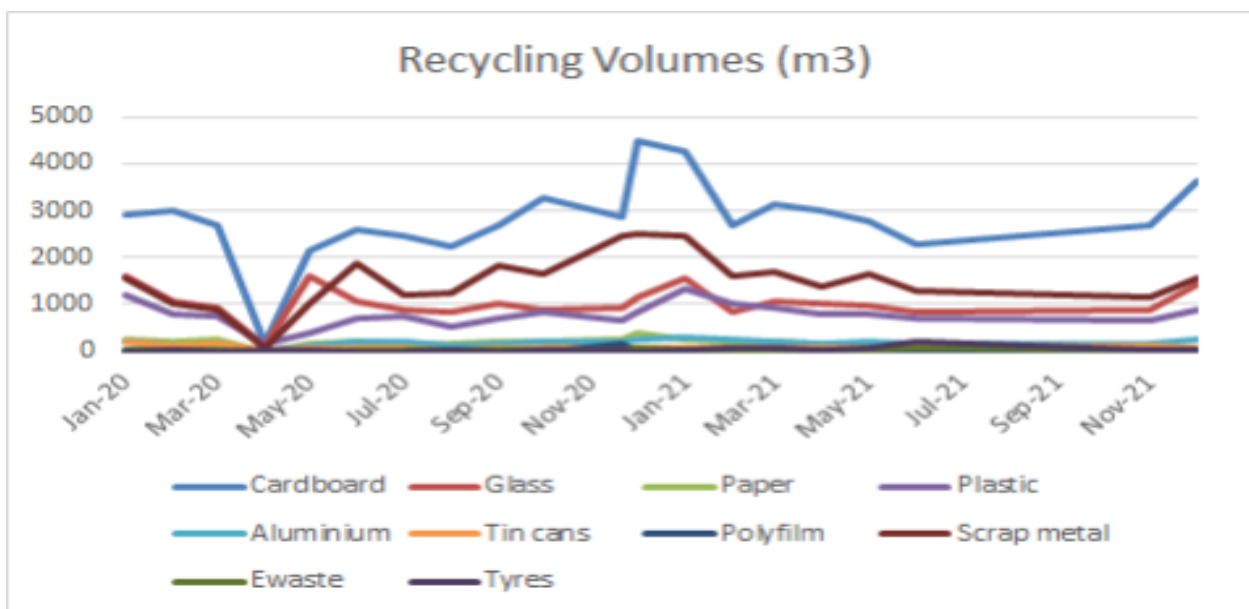
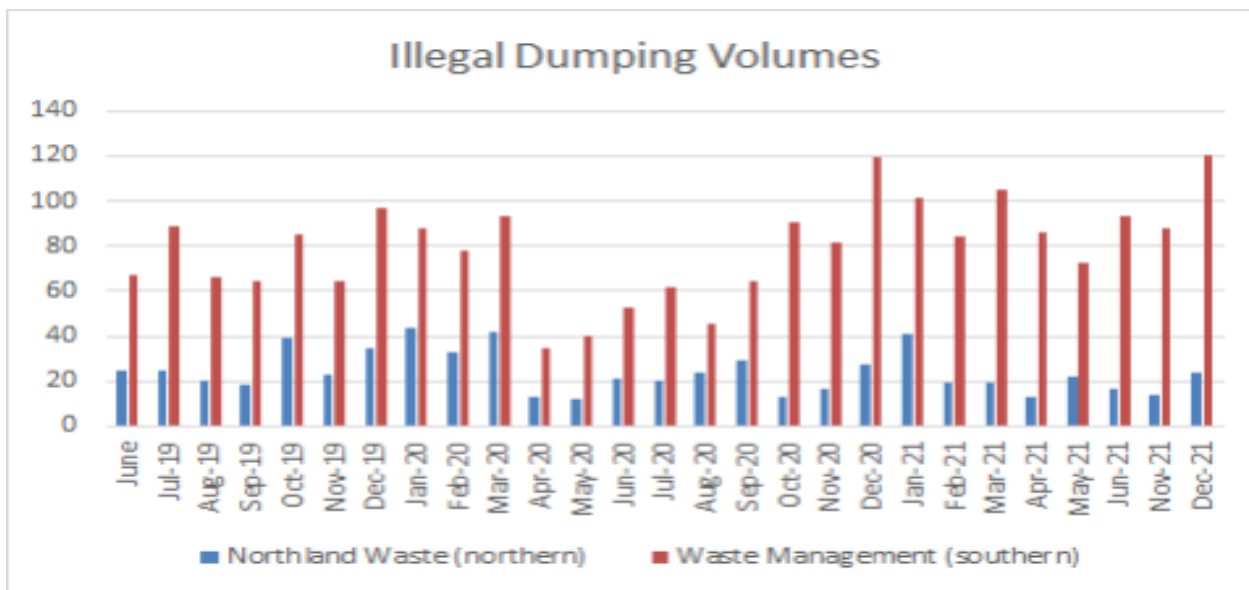
LITTER INFRINGEMENT ACTION

DECEMBER

No fines were issued, sent to Court, waived or paid in November 2021. Therefore, there is no report/information to provide.



SOLID WASTE STATS



SWIMMING POOLS

All the pools were open during December, with Kaikohe being the last one in the week leading up to Christmas.

Despite the recruitment and training of new staff and upskilling existing or returning staff to Senior qualification levels the pools have still been short staffed leading to planned closures at Kerikeri and Kaikohe.

Have received several complaints about vaccine only entry but most have accepted and have been very good with the staff.

One lovely post on face book, complimenting Kerikeri lifeguards.

Early birders at Kaitaia also complimentary re staff this year.

Kaitaia Pool

Kaitaia was open as scheduled all month except for an Early closure 27th December following Threats from a member/s of Public leading to the pools being closed 1 hour early.

Dive pool pump not working fully, staff managing situation with chemicals and daily brushing of walls in dive pool.

Kerikeri Pool

Kerikeri pool was open for the whole month excluding the closures scheduled by Hapori due to staff shortages, % full days and several part days totalling the equivalent of 7.8 days over the course of the month.

The following works remain pending:

FNDC

- Repurposing a drought response water tank to increase the storage capacity and therefore efficiency of top ups and backflushes. The current staff are accustomed to the existing system and have not had any issues
- Repairs to the electrical mains switchboard as replacement parts are unable to be sourced due to COVID delivery issues. The contractor has now registered for Site Wise and is booked to do this work in December.

Hapori

- Chemical Shed door – Job booked Dec
- Adjusting Change room doors – Job booked Dec
- Small leak in one pipe in plant room – Awaiting Spa & Pool Kerikeri in New year

Kaikohe Pool

The Kaikohe pool was due to open 19 December, however weather delays with painting and issues with further leaks in sparges and water balancing delayed the opening until 11am on 23rd December. The pool is painted, and new photos are now on the FNDC website.

The repair of the shut off valves and manifolds has been unable to be completed during December.

BOI Rec Centre – Sport Northland Grant

The Sport Northland Grant remains un-paid. The agreement requires quarterly financial and non-financial reporting from Sport Northland of which none has been supplied since the commencement of this agreement in May 2020. This has been raised several times with Sport Northland since 1 September 2021 however, to date no report has been forthcoming.

HEALTH & SAFETY

Kerikeri Swimming Pool							
Accident Type	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	March '22	April '22
Near miss	0	1	0				
Non serious harm.	0	0	0				
Serious harm	0	0	0				
LTI	0	0	0				
Vehicle / Machinery accident	0	0	0				
Incident Only	0	0	3				

December narrative

- 2 dive pool incidents - patrons over estimating swimming ability and needed help to exit pool. Discussed the need to question their ability fully before allowing them to use dive boards.
- Fecal incident found at end of day, no down time.

Kaitaia Swimming Pool							
Accident Type	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	March '22	April '22
Near miss	0	1	1				
Non serious harm.	0	0	0				
Serious harm	0	0	0				
LTI	0	0	0				
Vehicle / Machinery accident	0	0	0				
Incident only	0	2	3				

December narrative

- Young girl had a temper tantrum and was removed from the pool
- Large rock thrown from pump track over roof and landed in the toddler pool
- Outside wall of main building damaged by vandals
- People located in cars parked in the nearby carpark were drinking and being disrespectful. They also left a child under 5 unaccompanied and attempted to pass the child over fence. Police were called and the people eventually left after abusing staff. The pool was closed at 5.30pm due to threats to the lifeguards.

Kaikohe Numbers							
Accident Type	Oct '21	Nov '21	Dec '21	Jan '22	Feb '22	March '22	April '22
Near miss	0	0	0				
Non serious harm.	0	0	0				
Serious harm	0	0	0				
LTI	0	0	0				
Vehicle / Machinery accident	0	0	0				

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	Nov '21	Dec '21
Kaikohe Headquarters - Lockwood	97.4	97.4	96.1	97.0	95.6	96.4	95.79	0	97.0	98.0	97.5	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	97.0	98.1
Kaikohe Headquarters – Publications	92.1	97.5	97.1	97.0	96.5	97.2	97.3	0	0	98.0	98.0	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	98.0	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	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	97.5	99.0
Rawene Service Centre	NA	97.6	NA	97.0	NA	NA	NA	0	0	NA	0	0
Kaero Service Centre and Library	98.2	97.4	NA	NA	NA	NA	96.0	0	95.0	99.0	0	99.0
Procter Library	97.3	96.1	96.0	96.8	95.7	95.1	95.58	0	96.0	99.0	97.0	97.0
Paihia Library	96.4	97.0	NA	96.3	95.6	95.9	95.37	0	0	NA	98.0	98.0
Kaikohe Library	94.3	91.9	97.1	96.0	96.8	97.3	97.6	0	0	NA	98.0	0
Bay of Islands Information Centre	95.9	NA	NA	96.1	NA	NA	95.7	0	0	99.0	96.0	97.0
Hokianga Information Centre	NA	97.8	NA	96.8	NA	98.1	NA	0	0	NA	98.0	99.0

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-21	Dec-21
# units vacant Ready for refurbishing		1	0	3	0	3	0	3	1	0	1	2	2
	North			Oxford Puckey		Oxford St		Oxford Puckey			Oxford		Puckey
	West	Waima		Kaikohe		Rawene		Rawene	Kaikohe			Rawene (2)	
	East					Kawakawa							Kerikeri
# unit Upgrades in progress	TOTAL	8	8	8	11	7	5	5	5	3	4	3	5
	North	Awanui (2), Oxford	Awanui (2), Oxford	Awanui (2), Oxford	Awanui (2) Oxford Puckey	Awanui (2) Puckey	Awanui	Awanui	Puckey		Oxford		
	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	Waima Omapere	Rawene (2) Waima Omapere
	East						Kawakawa	Kawakawa	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												

Waima - Unit 2

This unit experienced a leak from washtub and shower base. Unit inspected and found remaining work needed to shower lining, new vinyl & some minor repairs. Quotes to be received by mid-February 2022.



Unit 2, Waima washtub removed, damaged wall lining, and flooring replaced

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

A meeting with the Te Ahu Museum Trust and Council was held to discuss the future occupation by the Trust of Pioneer House going forward. Discussions will be needed in the new year as it was not ascertained what the future needs are for occupying Pioneer House.

Annual Community Hall Information

Letters have been sent to the Hall Committees requesting their 2020/21 annual information. Further requests and reminders continue. It is planned that this information will be presented to the Community Board's March / April meetings.

Cherry Park House

An investigation is underway determining whether a BWOFF is required or not. Discussions will also be had as to the status of their occupancy and the future direction / use of Cherry Park House.

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 DECEMBER

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
Kaeo Community Hall	EASTERN	State Highway 10, Kaeo	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
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

Leases will be managed by the new Property Officer and a handover is underway. District Facilities will be responsible for Agreements and any repairs and maintenance associated with finalised leases.

AGREEMENTS

December updates:

- COMPLETED: 2021-22 Hundertwasser Trust Agreement re the Hundertwasser toilets, Te Hononga toilets / shower, car park and reserve
- COMPLETED: Awanui Progressive Ratepayers Incorporated (APRI) - agreement concerning the reserve /wharf use etc.: completed
- COMPLETED: Coastal Kayakers – building has been removed. The area now requires to be reinstated and will proceed in the new year.
- Ruapekapeka – LTO with DOC / Trust re land for the purpose of establishing a toilet: with Legal Services progressing
- Whangaroa Marina Trust – supply of water agreement to the public toilets: ready for signing
- Northland College Swimming Pool MOU – discussions to be progressed in the new year
- 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 seal extension works have been completed and the bridge strengthening works has commenced. The slip repair work is due to start in February.

At Ngapipito Road, the final section has been sealed and all that is outstanding now is the final culvert replacement that will take place once consent is granted in the New Year.

Ruapekapeka Road, Stage 2 construction is well underway with earthworks and drainage crews making great progress.

SUMMARY – DECEMBER

Priority 1 Routes

Peria Road

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

The seal extension at Peria Road was split into 5 sections, with all five now sealed. Widening for safety improvements have been undertaken this month.

Geotechnical designs and pricing for 2 slip repair sites is well underway. A significant slip on Fairburn Road reduced the road to a single lane in October. This is technically outside of the scope of work for the PGF project, but we continue to work closely with the NTA to ensure this slip is repaired early in the New Year.

Bridge upgrades

The bridge strengthening works has commenced, including the 'full deck replacements' on 4 bridges, and the 'specialist structure improvements' on a further 4 bridges on this priority 1 route from SH1 Fairburn Road to SH10 Oruru Road.

Package 1 (deck replacement works) has commenced with the construction of the new deck panels offsite, and the installation is programmed for February 2022, with planning being undertaken now regarding the road closures.

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.

Despite the poor weather experienced this spring, all sections have now been sealed, achieving the December milestone. There is one final large culvert to be replaced, however, we're waiting for the consent and hoping to continue that in the New Year.

Ruapekapeka Road

Stage 1 – Physical works are now complete for stage 1, during December contractors dis- established site.

Stage 2A – In December physical works have largely focused on the positioning of the retaining wall. The design and layout of the wall relies on adequate pavement width, some of these sections have required more pavement width which has resulted in additional work to bench the wall further back from the road. Mass blocks have been stockpiled onsite so the positioning, installation, and filling of these continues on a daily basis. The large boulders excavated from the bank are awaiting relocation, some of the insignificant rocks have been authorised by the trust to be broken up and removed or reused on site where possible.



Large rocks waiting to be inspected to confirm relocation

The installation of culverts has commenced with the largest 2100 diameter installed in December. NRC inspections have been ongoing throughout these works, confirming no environmental issues or breaches have been raised.

Consultation with affected landowners is going well as vegetation & fence clearing along the sides of the road continues, temporary fences have been installed in collaboration with individual landowner/farming requirements.



2100 diameter culvert pipe installed



Retaining wall mass blocks

Stage 2B includes the State Highway 1 intersection improvements, this scope of work has been separated from the seal extension contract. The design of the intersection improvements has been completed; this includes road widening for a northbound right turning bay into Ruapekapeka Road. Physical work is expected to start in March 2022. The design includes shifting the roadside stream slightly back to allow room for the road widening.

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	
<ul style="list-style-type: none"> ECl agreement in place Stage 1 investigation and design complete 	30 September 2020	Achieved	
<ul style="list-style-type: none"> Stage 2 design complete Stage 2 construction underway 	31 December 2020	15 March 2021 - Achieved	
<ul style="list-style-type: none"> Stage 2 construction complete 	31 March 2021	30 November 2021	
<ul style="list-style-type: none"> Final completion of surfacing MSQA reporting and monitoring paperwork 	30 June 2021	30 December 2021	

Ruapekapeka 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.

▶ Ruapekapeka 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"> ECl 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	Red
<ul style="list-style-type: none"> Final completion of surfacing MSQA reporting and monitoring paperwork 	30 June 2021	30 December 2021	Red

FINANCIAL OVERVIEW

▶ Priority 1 Routes	
Total Claimed to Date	\$ 9,703,797
Total Contract Value	\$14,200,000
▶ Ruapekapeka Road	
Total Claimed to Date	\$ 2,290,000
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:

1. Covid-19 Alert Levels – Recent alert level changes and lockdowns will impact on programme deliverables, material supplies and increased costs.
2. 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.
3. 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.
4. Archaeological Discovery – The projects kaitiaki provides cultural monitoring onsite and an archaeologist has been engaged if any discoveries are made. Accidental discovery protocols are in place. The process for initially deciding if the bones are of significance appears to be efficient, which will minimise any unnecessary delays.

STAKEHOLDER COMMUNICATION

Landowner consultation is ongoing along Ruapekapeka Road. Some properties are significantly affected by the proposed works, these landowners have provided approval as ‘affected parties’ to complete the consenting process. Discussions will continue throughout project delivery to keep residents updated on the construction programme.

The project delivery team has been setup to work collaboratively, the team includes project management, engineer’s representatives, design support and contractors. The contractors have formed good relationships with the Kaitiaki and the Northland Regional Council representative, and several on-site visits have already progressed.

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 – Māori 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 – DECEMBER

With only 16 working days in the month of December it was a busy time trying to get as much completed as possible. The BBQ installations were completed in December. These have been very popular but we did run out of time for the plumber to install the water taps nearby and the general public are requesting rubbish bins too.

KAITAIA UPDATES

SEATING

Some of the tables allotted to the new market square were put into position for those who visit the Saturday markets to enjoy.

Concrete tables positioned in the no parking spaces in front of the old warehouse building



KAITAIA PUMP TRACK

Due to covid restrictions we were unable to run our opening of the Kaitaia pump track which meant we had an online competition to win the skateboards and helmets. Mayor Carter and Councillor Foy came to the pump track to draw the lucky winners. Pictured below is one of the girls who won it proudly surrounded by her whanau.

Mayor Carter and Councillor Foy presenting the skateboard and helmet to lucky winner and her family.

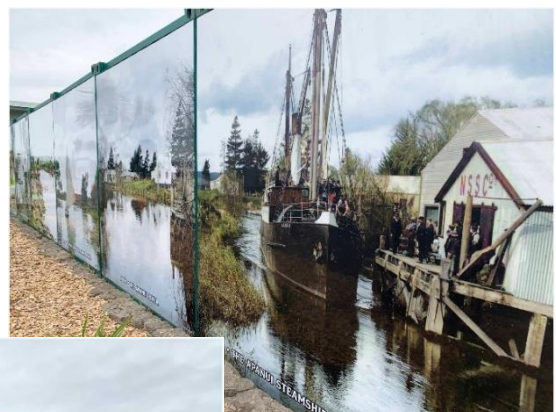


AWANUI UPDATES

One of the students from Te Rangi Aniwhaniwa, Cody Paparaoa, who had participated in the Akau workshop listening to the stories of old from local kaumatua was engaged to create this mural in Awanui. It was a team effort with Kiri and son Grayson Clarke assisting in the design and creation of it.



The storage containers were then covered in art sharing more of the history of this township known as Awanui.



AHIPARA UPDATES

Once the Ahipara Pump track was well underway and being enjoyed by the community it was evident we needed seating for the parents & families. We had 4 bird seats that were originally ordered for the town square in Kaitaia so we used them at Korora Park along with 4 new tables. A couple of them make the most of natural shade while the others in the open will be waiting for the umbrellas to arrive next year.



Left to right: Tables placed under natural shade of the nearby trees



Two tables and four bird seats with a viewing position of track

BBQS FOR AWANUI, AHIPARA & KAITAIA

The installation of the new BBQs have been popular with many comments on Facebook pages. The only BBQ not yet installed is Allen Bell park and we are timing the installation when the new park equipment gets installed in February 2022.



Korora Park BBQ under existing gazebo



Foreshore Road, Ahipara BBQ



Councillor Foy at the Awanui Reserve BBQ



Jaycee Park BBQ, Kaitaia

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
• The agreement executed by both parties. Project is 'shovel ready'	30/10/2020	Green
• Surveying, detailed plans and preparation for works at Ahipara, Awanui and Kaitaia.	28/02/2021	Green
• Awanui carpark & playground underway • Ahipara carpark and playground underway	30/05/2021	Green
• Market square completed	31/01/2022	Red
• Awanui carpark and playground completed	31/01/2022	Yellow
• Streetscaping completed Awanui and Kaitaia	31/01/2022	Green
• Pump track completed in Kaitaia and Ahipara	31/01/2022	Green
• 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
• Kaitaia River walkway and cultural art erected	30/4/2022	Yellow
• Awanui Boardwalk completed	31/08/2022	Green
• Kaitaia Town square complete	30/09/2022	Yellow
• All works completed and project finishes	30/11/2022	Green

FINANCIAL OVERVIEW

▶ Te Hiku O te Ika

Contract

December Claim Amount	\$281,899.66
Total spend to date	\$2,343,159.70

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. The Far North area had extended lock down periods in November and our Northland region is the only one in red in the entire country.

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. With the extended covid lockdown periods in the 2021 year and supplier issues, there is a high risk the cultural gateways may not be erected by our March deadline. We will also rely on engineers to come back with designs approved by NZTA/NTA in some places and Top Energy to move power poles in Ahipara.

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.

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. We are trying to arrange regular meetings 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.

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 NEMA Regional Partnerships unit underwent a change process in 2021. The change was informed by a stakeholder survey that was conducted among CDEM Groups to determine their expectations of NEMA.

The change decisions included the establishment of a new Regional Engagement Team, including the establishment of several new positions in the team.

The change process has now culminated in a re-set of the NEMA engagement approach towards CDEM Groups, drawing from the findings obtained through the stakeholder survey. In association with the future engagement approach the allocations of the Regional Emergency Management Advisors (REMAS) were also concluded, recognising that individually new staff bring unique qualities and relevant work experience that will complement collective capability.

NEMAs future engagement approach will aim to focus on both strategic and operational levels, in accordance with their capacity and Group needs. The engagement approach will be reviewed regularly, with the first review by the end of the first quarter in 2022 to take account of observations gained since its implementation as well as changing circumstances with individual Groups and NEMAs capacity. There-after it will be reviewed quarterly to take account of new Group dynamics or needs. To help give effect to the intended approach, NEMA will draw on the collective capacity of the Regional Engagement Team and where applicable, the wider organisation.

Two REMAs will be assigned to each CDEM Group as follows:

1. A 'Focal Point': -as the primary contact for the CDEM Group, this person will maintain relations at all levels. Working with the Group Manager, they will lead planning for and coordinate the delivery of NEMAs engagement.
2. A 'Support': - this person will take an active involvement in the Group at either advisory or operational level to support the engagement – as agreed with the Focal Point.

Depending on the need, NEMA may also assign other staff as part of their engagement plan for a specific Group. The re-set will be concluded by 1 February 2022. This means the transition of REMA focal points will happen over this time; some will be concluded sooner than others depending on practical and other considerations.

A letter has been sent from NEMA to Mayors and Chief Executive Officers of Local and Regional Authorities providing a brief overview of the Regulatory Framework Review (Trifecta) Programme and outlining engagement proposals and timelines as part of the engagement process to inform both policy advice for the Minister and the review of the National CDEM Plan. (Letter attached)



National Emergency Management Agency

Te Rākau Whakamarumaru

8 December 2021

Tēnā koutou katoa

I am writing to provide you with a heads-up about upcoming engagement for the Regulatory Framework Review (Trifecta) Programme. Please share this letter with people working in emergency management in your organisation, as appropriate.

The Trifecta Programme seeks to build a modern, inclusive, fit-for-purpose, and enduring framework for the emergency management system. It brings together three projects:

- a new Emergency Management Bill
- review of the National Civil Defence Emergency Management Plan (CDEM Plan) and accompanying Guide
- a Roadmap for the National Disaster Resilience Strategy

On 15 November, Cabinet agreed to a number of proposals including replacing the current Civil Defence Emergency Management Act with a new Emergency Management Act. Other policy proposals included will be announced by the Minister for Emergency Management when the Cabinet paper is proactively released. We will share this as soon as it is publicly available.

Upcoming engagement

We are consulting with stakeholders across the emergency management system to progress the Trifecta Programme. Over the next two months, we will engage with a range of stakeholders at regional and local authority level. This will include local authority Mayors, Regional Council Chairs, Civil Defence Emergency Management Joint Committees, CEG representatives, along with regional and local emergency management offices. This may mean that some individuals receive consultation materials from us twice.

We are wanting to engage particularly about roles and responsibilities, iwi and Māori participation, lead and support agencies, lifeline utilities, and protections for disproportionately impacted people. This engagement will feed into the final policy advice for the Minister in early 2022, so that it can be included in the Emergency Management Bill and inform our review of the CDEM Plan.

Building on current engagement with CDEM Group Managers, we will circulate draft policy proposals to the wider group noted in the paragraph above in early January 2022 for your feedback.

In the week of 17 January 2022, we will host multiple options for online sessions to introduce the proposals, answer your questions, and receive any initial feedback. A schedule for these sessions will be sent in the coming weeks before Christmas.

Written comment on the proposals is due by 11 February 2022. We will provide details about how to provide written feedback when we circulate the consultation materials in early January.

Thank you in advance for your participation in this engagement. We appreciate this is a challenging time with multiple Central Government reforms underway, ongoing responsibilities for the COVID-19 response, and it being a busy holiday period. It is important that policy proposals are informed by

your voices, and there will be further opportunities for engagement on non-legislative reform throughout 2022.

Thank you also to those of you who have been involved with this work to date. Your contributions have been critical in the development of the draft policy proposals and we will continue to build on what we have heard so far in the upcoming engagement.

Further information

Further information on the Trifecta Programme is available at <https://www.civildefence.govt.nz/cdem-sector/regulatory-framework-review-trifecta-programme/>

We have recently published an A3 one-pager that provides a high-level overview of the Programme and its three projects. This document is available at the above link under 'Programme Resources'.

If you have any questions about the Programme please email trifecta@nema.govt.nz

Ngā mihi nui



Adam Allington

Menetia, Wāhanga Kaupapahere, Te Rākau Whakamarumarū
Manager, Policy Unit, National Emergency Management Agency

NORTHLAND CDEM GROUP UPDATE

A review of the Northland CDEM Group Plan carried out by the CDEM Group professionals has been completed. The review process included a key stakeholder workshop, a five-week public consultation period, the inclusion of a new section for Māori Engagement, and a series of amendments being made to the plan. As prescribed in the Civil Defence Emergency Management Act, s. 49, the proposed plan was sent to the Minister for Emergency Management for comment. The Ministerial and NEMA feedback and recommendations received have been included in the final document.

The Minister, Hon Kiritapu Allan, acknowledged the inclusion of a section in the plan specifically for Māori Engagement and commended the Group's enthusiasm and commitment to CDEM with a view to the pending work on new legislation in the emergency management sector.

Copies of the Northland CDEM Group Plan are available on the Northland Regional Council website or by accessing the following link:

<https://www.nrc.govt.nz/media/luegn013/northland-civil-defence-emergency-management-group-plan-2021-2026.pdf>

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

The Northland Lifelines Group is undertaking an Infrastructure Climate Change Risk Assessment. (CCRA) Project. A tender process has been undertaken and Request for Proposal (RFP) was sent to four suppliers with 3 responding. The successful tenderer being Tonkin and Taylor Ltd.

The CCRA is intended to cover the direct climate change impacts on lifeline utility assets and services (exposure, vulnerability, and risk), not the consequential impacts on communities. The information provided through this project will inform detailed community impact assessments being undertaken by the Far North, Kaipara, and Whangarei District Councils.

Tonkin and Taylor have integrated the lifelines group requirements with lessons identified whilst undertaking the Bay of Plenty Lifelines CCRA, to best achieve an efficient method that delivers on Northland Lifelines desired outcomes.

- Phase 0: Project kick off and wider project management
- Phases 1 & 2: Undertaking the spatial risk assessment
 - Risk assessment design
 - First pass spatial exposure assessment
 - Detailed spatial risk assessment
- Phase 3: Undertaking the non-spatial risk assessment
- Phase 4: Report detailing the methodology and results

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.

Meetings have also been undertaken with Te Kahu o Taonui (TKoT) representatives and the Group Manager – Community Resilience that identified the need of enabling whānau improved access to welfare support during emergencies. This meeting helped shape the scope and focus area – initially being the Far North.

The aim is to identify what welfare support services are available from key stakeholders during emergencies, what the triggers are to make support available, determine why whānau/families may not have been able to access support when required, what the potential solutions are, and how agencies can enable this support during emergencies.

The workshop will have representation from multiple supporting agencies, as well as essential representation from key Far North stakeholders, providing on-the-ground situational insights.

The key outcomes from this workshop are:

- to develop an information sheet of solutions identified.
- to provide better networks of key stakeholders with the relative agencies, and
- an improved level of access to welfare support for whānau/families.



The Northland CDEM Group were requested to support Fire Emergency New Zealand at a wildfire at Kaimaumau on 19 December. An urgent call was received by the CDEM on-call duty officer on Sunday 19 December at 2000hrs advising immediate evacuation of the village was required due to a change fire behaviour and an out-of-control wildfire threatening the village. Civil Defence Officers activated the Kaimaumau Community Response Plan which allowed the community to follow their predetermined emergency response to evacuate the community. Civil Defence was able to provide support with immediate welfare needs for those displaced for the 4 days of the initial evacuation and have provided ongoing support to Fire Emergency New Zealand's tactical response and the community as the situation has developed and further evacuations have been ordered as the fire has reached pre-determined trigger points.

Kaimaumau Fire Stats – as of date of report

Land Status: The land involved is public conservation land – jointly managed between local Iwi Ngai Takoto and Department of Conservation. Also involved is private property including Iwi owned land, commercial orchards, and grassland farms

Coverage area: 2401ha

Fire Perimeter: 50 Km

Number of on the ground Firefighters: x 75

Incident Management Team: x 70

Helicopters: x 11

Heavy Machinery: x 9 (Bulldozers and Excavators)

Participating Agencies and Stakeholders: include - Fire Emergency New Zealand, NZ Police, Northland Civil Defence, Department of Conservation, New Zealand Defence Force, NZ Urban Search and Rescue, Far North District Council, Kaimaumau Community, Waiharara School, Wharemaru hapu o Kaimaumau, Te Iwi o Ngai Takoto, Whakawhiti Ora Pai, Top Energy, Waka Kotahi.

Community Response Planning remains a priority for the Northland CDEM Group and is a key part of “*Readiness*” in the Northland CDEM Group Plan - 2021-2028. (Section 6) The urgent and immediate response required by emergency services to evacuate the entire Kaimaumau village due to the threat to life and property by fire on 19th December has again highlighted the value of Community Response Plans, particularly when an unplanned and rapidly developing event occurs.

The key aim of community response planning is to:

- Help the community identify and manage hazards applicable to them
- Promote personal and community resilience
- Assist communities to prepare for an initial emergency response
- Connect communities to the Northland CDEM Group.

The Community Response Plan for Kaimaumau was reviewed by residents supported by CDEM in July 2021. Amendments and updates to the plan were made after the communities’ response to the March 2021 Kermadec tsunami warning and lessons learnt from that event.

It has enabled the Kaimaumau / Waiharara Community, Iwi and Hapu to play an integral part in providing agreed supporting roles to Fire Emergency New Zealand in the management and ongoing effort to suppress and ultimately extinguish this fire.

Community / Iwi/Hapu roles and responsibilities have included:

- Providing advice on local services to support the Incident Management Team
- Community Patrols in restricted active fire areas
- Providing cultural advice to the Incident Management Team
- Assistance with accommodation options
- Catering Support
- Welfare Support

Overall, the response to this incident has been community and Iwi/Hapu led, supported by CDEM and agencies groups. It is likely that this model of involving community in tactical and logistical planning will be adopted by Fire Emergency New Zealand at future large-scale fires across New Zealand.

As the transition from response to recovery progresses, the community and Iwi/Hapu will be involved in the long-term recovery management plan.

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

- COVID19 Variant/ Omicron Variant Response - ongoing
- Kaimaumau Wildfire - ongoing

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. Please note for the DIA has allowed an extension of time for the spending of these funds through to June 2022 but there can be no further extensions beyond this.

	Project	Opex	Capex	Progress	Commentary
1	Awanui River Weir	X		Planning	Scoping and Design complete with procurement approvals now complete. Consent activity agreed and physical works beings scheduled
2	Enhanced Water Leak Repairs	X		In Progress	Programme established for Spring/Summer is underway with a first focus on Rawene
3	Ex Res Chlorine Measurement	X		Planning	Procurement approach determined and plan will be approved in new year. Hardware purchase and 3 plant installs should be covered by this funding. Other installs required for regulatory purposes by 1 July 2022 will be completed under Alliance contract
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 largely complete; consent application drafted for review
5	Kaitaia Water - Sweetwater		X	In Progress	This is a DIA contribution to the overall FNDC project. Both pipeline and bore works continue with project completion now scheduled for May 2022. DIA funds fully utilised
6	Kawakawa Water Take Consent		X	In Progress	Further testing is required to determine if there is a path to amend this consent. Final results available for assessment in Jan
7	Kerikeri Clarifier		X	In progress	Scope is complete and now with delivery for procurement and execution. Procurement plan being finalised. Closed tender process to be employed which will slow delivery but expectation is that the DIA funds will be spent prior to June 2022
8	Leak Detection Equipment		X	Complete	To support Project 2, this equipment has been purchased
9	Network Model Review Lead	X		Complete	After unsuccessful recruitment, Stellar Projects were appointed to run this activity through to 31 May 2022
10	Network Model Updates	X		In Progress	These updates will occur across 3 stages – Gap Analysis for all 3W networks, Data gathering and them model build or update. Gap analysis is complete and flow monitoring now underway – wastewater in place with water to follow. Offers of Service for model build/update now contracted
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 with an expected full implementation by Jan 2022 due to delays with some data access. Software agreement and purchase finalised in Dec
13	Paihia Water Intake Screen		X	In Progress	Amended activity plan defined and physical works scoped by FNW, work to be completed in Dec has pushed into the new year
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. Progressing well with risk workshops occurring in Dec. first draft WSP has been received for review
18	Wetland Remediation	X		In Progress	Priority sites identified and de-sludging work is beginning. Opononi wetland cells clearing is complete. Funds transferred from project 15 will allow increased desludging work to occur where this is hampering wetland effectiveness - Taipa and Rawene complete with Rawene wetland now underway
19	3W Reform Transition	X		In progress	Funds from two projects have been diverted after DIA approval to establish this project from Dec 2021. This allows Council staff to participate in transition workstreams while providing funds for professional services to assist in work completion

SOCIAL PROCUREMENT

EXECUTIVE SUMMARY – DECEMBER

Social Procurement: December 2021

Kerikeri Domain, Waipapa Sports Hub, Ruapekapeka Road, Priority 1 Routes, Te Hiku Revitalisation, Otiria Sports



Procurement Data*	
<i>Waipapa Sports Hub, Te Hiku, Otiria Sports, Kerikeri Domain</i>	
Procurements	190
Total Value	\$ 8,618,547
Far North Companies	77
Wider Northland Companies	15
Average Value	\$ 46,192
Local Spend	\$ 5,630,108
Maori Business Spend	\$ 1,994,025
Roading Claims (ACTUAL)	\$ 11,070,188
Roading Incl Committals	\$ 20,438,913

MBIE Agreements: Schedule 4 Targets

Based on Purchase Order Data



Note: Above figures are based on Purchase Order Committals

Employment Data (incl Roothing)	
<i>As at 31 August – Review of data capture due Q1 2022</i>	
Total Working (accumulative)	271
Previous Unemployed	16
Maori	133
Apprentices	10
Women	97
Local	241

Safety Training	
Elevated Work Platform	28
Working at Heights	40 (+20)
Confined Spaces	12 (+12)
Hazardous Substances	5

SITewise

Businesses Engaged	Early Stages	Progressing	Newly Qualified	Improved Score
56 (+1)	14 (+1)	8 (+4)	22(+2)	18

SiteWise: District Wide

FUNDING INITIATIVES PROJECTS - NOVEMBER

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 Māori 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 street lights 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 Oromahoe 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 21/22 CAPTIAL AND RENEWAL PROGRAMME

Category	Subcategory	Location	Project Title	Monthly status update	Next months expected status update	Risk	Risk Comments
125 - Footpath Maintenance	New Footpath	Footpath Loop Te Ahu - Te Hiku Sports Hub Unsubsidised	Footpath Loop Te Ahu - Te Hiku Sports Hub Unsubsidised	Physical works contract Tendering underway	Contract award / approval	2	Delays experienced in design / construction / approval resulting in this project not being completed fully this financial year
212 - Sealed Road Resurfacing	Sealing Chip seal	Network Wide	Chip sealing	Construction underway	Construction underway	3	No Delivery risks identified that would result in non-delivery this financial year
213 - Drainage Renewals	Drainage	Various locations - Sealed Rd Pavement Rehab drainage renewal	drainage renewals			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	Management/Investigation and MSQA				3	No Delivery risks identified that would result in non-delivery this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	PAWARENGA ROAD		Physical works completed		3	No Delivery risks identified that would result in non-delivery this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	WAIKARE ROAD		Investigation / Design underway	Detailed design completed.	2	Project deferred to a future financial year
214 - Sealed Road pavement rehabilitation	Rehabs	KINGS ROAD		Investigation / Design underway	Construction underway	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	KOHUKOHU ROAD		Investigation / Design underway	Detailed design completed.	2	Project deferred to a future financial year
214 - Sealed Road pavement rehabilitation	Rehabs	NGAWHA SPRINGS ROAD		Investigation / Design underway	Investigation / Design underway	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	SUMMERVILLE AVENUE (KAITAIA)		Investigation / Design underway	Investigation / Design underway	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	ORURU ROAD		Investigation / Design underway	Detailed design completed.	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	ORURU ROAD		Investigation / Design underway	Detailed design completed.	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	WAIMATENUI / MATARUA ROAD		Investigation / Design underway	Detailed design completed.	2	No Delivery risks identified that would result in non-delivery this financial year
214 - Sealed Road pavement rehabilitation	Rehabs	KERIKERI ROAD		Investigation / Design underway	Investigation / Design underway	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
215 - Structures Component Replacement	Bridge	Heavy Bridge renewals (full network)	7/21/214 - General Bridge Repair 2021/24	Physical works contract Tendering underway	Contract award / approval	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
215 - Structures Component Replacement	Bridge	Scour Protection Works (Full Network)	7/21/215 - Scour Protection Works 2021/24	Physical works contract Tendering underway	Contract award / approval	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
216 - Bridge and Structures Renewals	Bridge	TBC	Retaining Wall renewals			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
216 - Bridge and Structures Renewals	Bridge	Kaitaia-Awaroa Road(Kaitaia-Awaroa Road Culvert D41)	7/21/202 - Kaitaia-Awaroa D41 & Kahikatoa M35 Upgrades	Physical works contract Tendering underway	Contract award / approval	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
216 - Bridge and Structures Renewals	Bridge	Kahikatoa M35	7/21/202 - Kaitaia-Awaroa D41 & Kahikatoa M35 Upgrades	Physical works contract Tendering underway	Contract award / approval	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
216 - Bridge and Structures Renewals	Bridge	Puhata Road(Puhata Road Bridge D50)	7/21/203 - Puhata Road Bridge D50 Replacement	Detailed design completed.	Physical works contract Tendering underway	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	Assoc Improvements	Associated Improvements	144142 - Associated Improvements			2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Barriers	Installation of safety barriers (guardrails) at high priority sites	152020 - Roadside Barriers (Guardrails) and Associated Improvements	Construction underway	Construction underway	3	No Delivery risks identified that would result in non-delivery this financial year

Category	Subcategory	Location	Project Title	Monthly status update	Next months expected status update	Risk	Risk Comments
341 - Low Cost Low Risk	LR Imp - Bridges and structures	West Coast Road Bridge G01	152014 - Bridges and Large Culverts Replacement - West Coast Road Bridge G01	Site walk over and final sign off. Issue Practical Completion Certificate	Physical works completed	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - Delineation Improvements	Various Sites in FNDC area. Refer list in SharePoint.	144250 - Sight Rails / Coroner Upgrade Programme	Project planning stage	Professional services procurement underway	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - HRRRI	Tokerau Beach Road/ Inland Road	144214 - Safety - Urban/Rural Intersection (HRRRI)	Investigation / Design underway	Investigation / Design underway	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - HRRRI	Reef View/Foreshore Road	144213 - Safety - Urban/Rural Intersection (HRRRI)	Investigation / Design underway	Investigation / Design underway	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - HRRRI	Pukepoto Road/Lake Road	144212 - Safety - Urban/Rural Intersection (HRRRI)	Investigation / Design underway	Investigation / Design underway	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - HRRRI	Uncontrolled Intersections Implementation	144215 - Safety - Urban/Rural Intersection (HRRRI)	Investigation / Design underway	Investigation / Design underway	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - Lighting / Signals	Boardwalk extension Whangaroa Marina	144253 - Safety - Lighting/Signals Programme			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Lighting improvements	Scope and locations to be considered on various locations across the District on the roading network	152015 - Lighting Improvements	Physical works completed	Physical works completed	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - Other	Scope and locations to be considered on various locations across the District on the roading network	144268 - Wharf supporting infrastructure			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Other	Prioritised projects include - Waitangi, Paihia, Haruru Falls, Opononi, Kohukohu, Horeke	144258 - Access Improvements			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Other	Scope and locations to be considered on various locations across the District on the roading network	144257 - Detour Route Programme			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	WAIKARE ROAD	152007 - Resilience Improvements 2021/22 - Waikare Road			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Powell Road RP209	152019 - Resilience Improvements 2018/21 - Powell Road	Physical works completed	Physical works completed	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Beach Road, Mangonui	152002 - Resilience Improvements 2021/22 - Beach Road, Mangonui	Professional services procurement underway	Investigation / Design underway	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Gills Road, Awanui	152004 - Resilience Improvements 2021/22 - Gills Road, Awanui	Project planning stage	Professional services procurement underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Kaitaia Awaroa	152005 - Resilience Improvements 2022/23 - Kaitaia Awaroa	Project planning stage	Professional services procurement underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Manawaora Road	152006 - Resilience Improvements 2022/23 - Manawaora Road		Project planning stage	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Pawarenga Road	152010 - Resilience Improvements 2023/24 - Pawarenga Road			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Aucks Road, Okiato - Russell	152003 - Resilience Improvements 2021/22 - Aucks Road, Okiato - Russell	Detailed design completed.	Physical works contract Tendering underway	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Kohukohu Road	152008 - Resilience Improvements 2023/24 - Kohukohu Road			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Resilience improvements	Hupara Road	152011 - Resilience Improvements 2023/24 - Hupara Road			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Seal extensions	Kaimaumau Road RP8759-9933	144145 - New Road Sealing - Seal Extensions			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Seal extensions	Aurere Beach Road RPO-543	144147 - New Road Sealing - Seal Extensions			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year

Category	Subcategory	Location	Project Title	Monthly status update	Next months expected status update	Risk	Risk Comments
341 - Low Cost Low Risk	LR Imp - Seal extensions	Arawhata Road RP285-1329	144144 - New Road Sealing - Seal Extensions			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Seal extensions	Kokohuia Road RP164-1560	144146 - New Road Sealing - Seal Extensions			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Signage / pavement marking	District wide	144281 - Wayfinding Signage			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	LR Imp - Traffic management systems	District wide	144272 - Township upgrades			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - HRRR	Kaitaia (Need a RAB_RSAP/DL requirements)	144209 - Safety - Urban/Rural Intersection (HRRR)			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - HRRR	Te Ahu Ahu Rd Route (SSI)	144199 - Safety - High Risk Rural Roads (HRRR)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - HRRR	Rawene (SH12 to SH1 via Car Ferry) (SSI)	144201 - Safety - High Risk Rural Roads (HRRR)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - HRRR	Kaitaia-Awaroa Ahipara-Mangamuka (Hokianga Harbour) SNP	152001 - Safety - High Risk Rural Roads (HRRR)	Investigation / Design underway	Investigation / Design underway	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - HRRR	Ahipara Sandhills SNP	152000 - Safety - High Risk Rural Roads (HRRR)	Investigation / Design underway	Investigation / Design underway	2	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - PED Imp	Raised Table Zebra Crossings - Upgrade existing - 436 Kerikeri Rd	144244 - Safety - Pedestrian Improvements	Project planning stage	Professional services procurement underway	2	Delays experienced in design / construction / approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - School Zones	Riverview School (10)	144238 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Springbank, to support Speed Limit Review Program - site to be confirmed	144237 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kaikohe East, to support Speed Limit Review Program- site to be confirmed	144234 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kaitaia, to support Speed Limit Review Program- site to be confirmed	144233 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kaikohe Christian, to support Speed Limit Review Program- site to be confirmed	144235 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Kerikeri Primary, to support Speed Limit Review Program	144236 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - School Zones	School Zones Okaihau, to support Speed Limit Review Program- site to be confirmed	144239 - Safety - School Zones (& Safer Journeys for Schools)	Investigation / Design underway	Investigation / Design underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - Speed Management	BOIW Community Board Plan - Town Safety and beautification	144221 BOIW Community Board Plan - Town Safety and beautification			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - Speed Management	LATM - Kaikohe Nth Urban Area, to support Speed Limit Review Program	144226 - Safety - Speed Management via Local Area TM	Project planning stage	Professional services procurement underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - Speed Management	North Hokianga & Kaitaia	144218 - Safety - Speed Management			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - Speed Management	Bay of Islands & Kerikeri	144220 - Safety - Speed Management			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - Speed Management	Threshold Treatment Signage, to support Speed Management Program.	144222 - Safety - Speed Management			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - Speed Management	LATM - Kaitaia Urban Area, to support Speed Limit Review Program	144229 - Safety - Speed Management via Local Area TM			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year

Category	Subcategory	Location	Project Title	Monthly status update	Next months expected status update	Risk	Risk Comments
341 - Low Cost Low Risk	R2Z - Speed Management	#REF!	151999 - Safety - Speed Management via Local Area TM	Project planning stage	Professional services procurement underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	R2Z - Speed Management	LATM - Ahipara Rd, Ahipara Township, to support Speed Limit Review Program	144229 - Safety - Speed Management via Local Area TM			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	W&C - Cycle ways	Connect cycle and pedestrian pathways to parks and reserves around Kawakawa	144184 - Cycleways - BOIW Community Board Plan (Links to TCCT)			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	W&C - Cycle ways	Better Cycle Trail signage needed for route connections & safety	144183 - Cycleways - BOIW Community Board Plan (Links to TCCT)			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
341 - Low Cost Low Risk	W&C - New Footpath	SH11 Kaipatiki Road to York Road	152021 - BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	Physical works completed	Physical works completed	3	No Delivery risks identified that would result in non-delivery this financial year
341 - Low Cost Low Risk	W&C - Shared path	Paihia to Waitangi - Shared Path to Te Tii	152045 - New Footpaths / Shared Use			1	Delays experienced in programme approval resulting in this project not being completed fully this financial year
Resilience - Unsubsidised	Resilience	West Coast Rd, Panguru	West Coast Rd, Panguru Road Raising	Project on hold	Project on hold	2	Delays experienced in design / construction / approval resulting in this project not being completed fully this financial year
Seal Extension - Unsubsidised		Brass Road, Ahipara	Design & Construct			3	No Delivery risks identified that would result in non-delivery this financial year
Seal Extension - Unsubsidised		Parapara Toatoa Road, Taipa	Design & Construct			3	No Delivery risks identified that would result in non-delivery this financial year
Unsubsidised - Raised Facilities		Kaimaumu Road	Kaimaumu Road Traffic Calming	Project planning stage	Professional services procurement underway	1	Delays experienced in programme approval resulting in this project not being completed fully this financial year

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



EXECUTIVE SUMMARY

Another year done and dusted and as everyone has said a challenging one for all. I won't talk COVID anymore this year I promise. I write this on the last working day for the majority of our FNDC South Maintenance team. A satellite crew will be working over the Holiday period monitoring and maintaining the network. With the Christmas Moratorium in place from 23rd Dec to 5th Jan for more significant works.

December feels like it is over before we even got started forgetting that a few milestones were completed in this period. Starting with our round of Wet, roll and grade activities on the higher priority unsealed roads to the welcome of the residents in these areas as well as passing motorists. These ensure corrugations are reduced for a longer period than standard summer grading. Sometimes corrugations can reappear within days of trimming thanks to driver behaviours i.e. speed (Purerua Rd as an example) or the type of vehicle (front wheel drive and the right foot!). Two other significant achievements were knocked over in December with Ngapipito Rd and Ruapekapeka Seal Extensions now fully sealed.

Bayly Rd seal extension is nearing the point of being able to receive a pavement overlay which will commence mid to late January. One day of reseals completed in Kerikeri with another batch of site's programmed for late January.

The last 10% of works were completed following the labour weekend storm. With some community work completed in Moerewa along Otiria Rd for good measure.

If you are reading this before Christmas Ventia wishes you a Merry one with lots of food, company and laughter. If you are reading later on, Happy New Year and welcome to 2022. 😊



WORK PROGRAMME

A total of 2065 individual work items were completed throughout the month of December which 1731 were routine find and fix issues, 568 was cyclic or part of annual rounds, 97 were programmed works, 7 were renewals/capital projects, and 34 were callouts or emergency response works.

January 2021 forward works programme has been submitted in RAMM.

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in December:

1. 110 sealed potholes repaired
2. 690 unsealed potholes repaired
3. 88 km of unsealed roads graded equating to 10% of the total unsealed network.

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in December:

4. 4 Culvert ends cleared
5. 2805m of heavy water tabling
6. 0m of light water tabling
7. 33.5 m Culvert pipes replaced/new
8. 8 Culverts flushed



*Rangitane Loop Rd – Culvert
Flushing – Before/After*

ROUTINE INSPECTION REPORT

Our 3 inspectors have been going very well keeping up with the task of inspecting each road before its inspection date. For the third month in a row none have missed a due date.

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		316.449
Week 2		335.274
Week 3		536.097
Week 4		119.725
Week 5		
Total		1307.544

ORDERED WORKS

A few odd jobs picked up in the short month, firstly – a massive grandad pine on Oeztman Rd was felled to the ground that had a cracked trunk.

Wet, roll and grades were carried out on the usual list in December with a sample of the finished product to the right.

Mackie and Selwyn attended to some urgent Bridge Repairs on Quarry Rd, Kaikohe.



Oeztman Rd – Granddaddy pine removal



Quarry Rd, Kaikohe – Bridge Repairs to edging and running boards



Hautapu Rd – Wet Roll Grade

METALLING TOTALS

386.6m³ of maintenance meal was applied to the unsealed network.



Oramahoe Rd



Mangakaretu Rd

ROAD FURNITURE ACTIVITY

- 31 new signs installed or replaced (damaged or missing)
- 16 signposts replaced/new
- 81 signs re-erected or straightened
- 68 signs/posts cleaned
- 43 posts painted

On the last day before break up the team completed a new sight rail on Wahamiti Lane in Otiria.



Mill Rd, Kawakawa – Replaced post

PAVEMENT REHABILITATIONS

Seal Extensions

Ngapipito Rd – RP3500 – 8435 (PGF)

The final section of pavement was sealed at the Kaikohe end of the seal extension. With the pavement works now complete we turned our attention to the guardrail installation and drainage works on the peripheries.



Ngapipito Rd – New Headwall



Ruapekapeka Rd – RP4500 – 5800

Much the same as Ngapipito Rd a coat of bitumen was applied to a beautifully stabilised pavement in early December. With bulk earthworks finished in late November the job has come up excellent. The only thing left in the new year is a sweep, linemark and some signs.

Kings Rd, Paihia

All footpath works and subsoil installation were completed in early November with the plan unchanged on pavement works commencing after the New Year.

Bayly Rd

70m of 375mm culvert plus 8 scruffy domes were installed in December, tree removal accompanied the clearing and subsoil installation. This leaves the dish channel and pavement construction for January with a target of completing the project by early February. When driving by you will now notice a big change in the intersection layout making it safer and easier to enter/exit Bayly Rd.



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

RESURFACING

With 35% of the reseals now completed for the year things have been progressing well. Still a large volume to complete but the programme is for completion by end of March with a lot of sites nearer to the centre of the network left to seal.

As mentioned in last month’s report with the boarder now open, we have a commitment from the Auckland based surfacing team that they are booked in for two weeks in March.



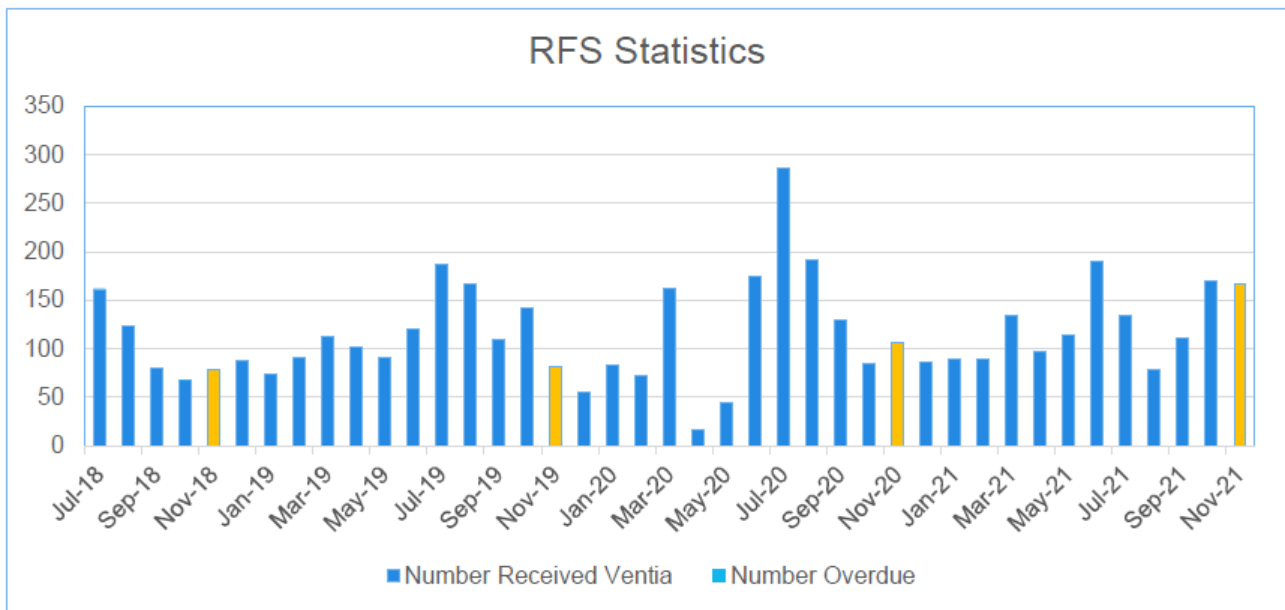
ROAD ACCIDENT REPORT

No accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

As with most months the data is a month behind due to timing. So, in terms of RFS’s in November it was another big month keeping the team busy, the main reasons for the high volume leads to unusually wet

weather. Ventia received 167 service requests during November and had 0 overdue. The below graph shows the number of RFS's received by our branch each month during the NTA contract and any overdue.



COMPLIMENTS

We received the following compliments in December

RFS 408xxx8

Thank you Cheryl for the completion of this work on Wahamiti Lane. It has made a huge difference to those of us who are residents on this lane and to those who regularly visit the cemetery.

Kind regards

SR

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 it being a short month and limits on gathering sizes we have been preparing our back to work toolboxes for each team – returning on Monday 10th January.

TRAINING

On the training front

A couple of the team achieve licence upgrades as per below. With a large volume of licence upgrades recently the team is becoming more resilient and skilled at the same time.

- Roger successfully passed his Class 4 full license.
- Sharon passed her Class 4 Learners.

ENVIRONMENT

In December we had no notifiable incidents to report.

ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

Routine and cyclic rounds start at the financial year.

Biennial Painting of All Rails to funding	5% completed - on hold due to funding
Biennial Parapet Painting of Bridges to funding	0% completed - on hold due to funding
Annual Cleaning of EMP's	28% completed
Annual Sucking of All Sumps commence in Feb 22	0% completed – Round to
Biannual sweeping to commence in Nov 21	35% completed – 1st round
Urban Vegetation Spraying	60% completed - first round
Rural Vegetation Spraying	54% completed - first round



Whaakauru Valley Rd – Emergency call out

COMMUNITY ENGAGEMENT

Today (22/12/21) we finished running in asphalt millings to the Waitangi Bike Park to tie into the new sealed Bayly Rd in the New Year. Some nice photos to follow in next month's report.

It was a busy month for animal encounters for the team and ended up in a competitive What's App session on who could find the most one day.



FNDC TENDERED WORKS/OTHER

With Ngapipito Rd pavement completed the Construction team moved onto a new subdivision in Waipapa off Klinac Lane. Say giddy if driving by. Works involves forming a new pavement and earthworks/drainage works.



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



SUMMARY

Attached is the Fulton Hogan monthly report for December 2021.

REHABS

Project	Completed This month	Programmed Next Month
2020/21 Projects:		
Pawarenga Rd Rehabilitation 2020-21	Practical completion snag list.	
West Coast Rd Flood Mitigation 2019-20		Drainage job.
Church Rd Seal Extension 2020-21	Awaiting post construction safety audit recommendation for guardrail.	
Peria Rd Seal Extension 2020-21	Guardrail widening's completed.	Commence slip repairs (TBC).
2021/22 Projects:		
Oruru Rd Rehab RP 7692-8310	Commenced rock wall construction.	Complete rock wall construction.
Oruru Rd Rehab RP 13450-13800	Completed clearing, earthworks and drainage.	Commenced pavement works,
Kohukohu Rd Rehab RP9824-11181		Design option required to complete drawings.
Summerville Rd Rehab RP0-184	Commenced drainage design.	Finalise drainage design.
Brass Rd Seal Extension RP15-1725	Clearing completed, drainage started.	Continue drainage, tree trimming.
Parapara-Tootoa Rd Seal Extension RP62-920	Commenced clearing & drain clearing.	Complete clearing and start drainage.

MAINTENANCE SUMMARY

Unsealed Maintenance

- Grading 198.717 km
- Potholes 433 ea
- Maintenance Metal 2,824 m3

- Heavy Metal Overlay 160 m3
- Envelope Mowing 0.004km

Sealed Maintenance

- Potholes 50 ea.
- Edge break 1.5 m
- Berm mowing 123 km

Drainage

- Routine Maintenance 12 ea.
- Heavy water tabling 7.5 km

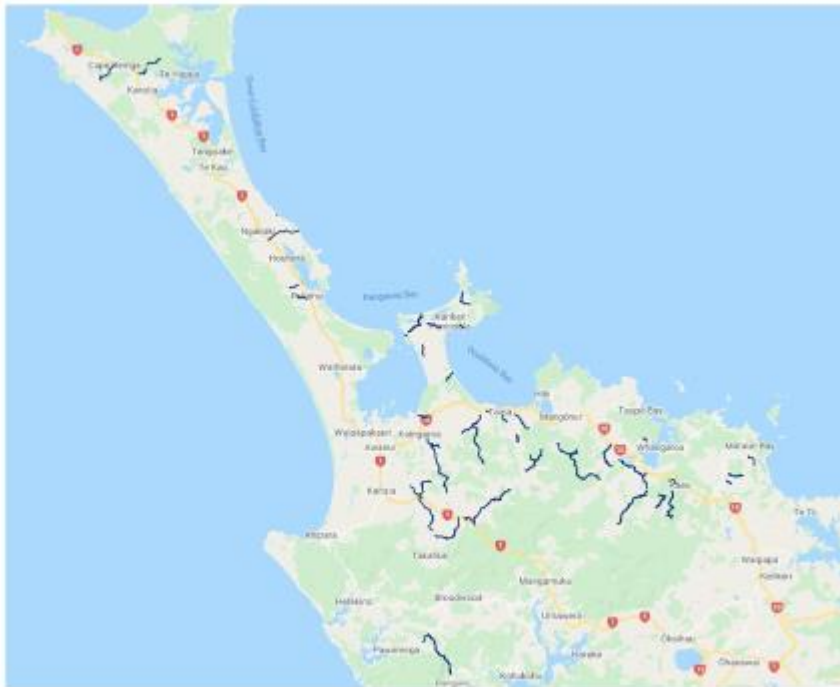


Figure 1: Routine Maintenance Grading Completed December 2021

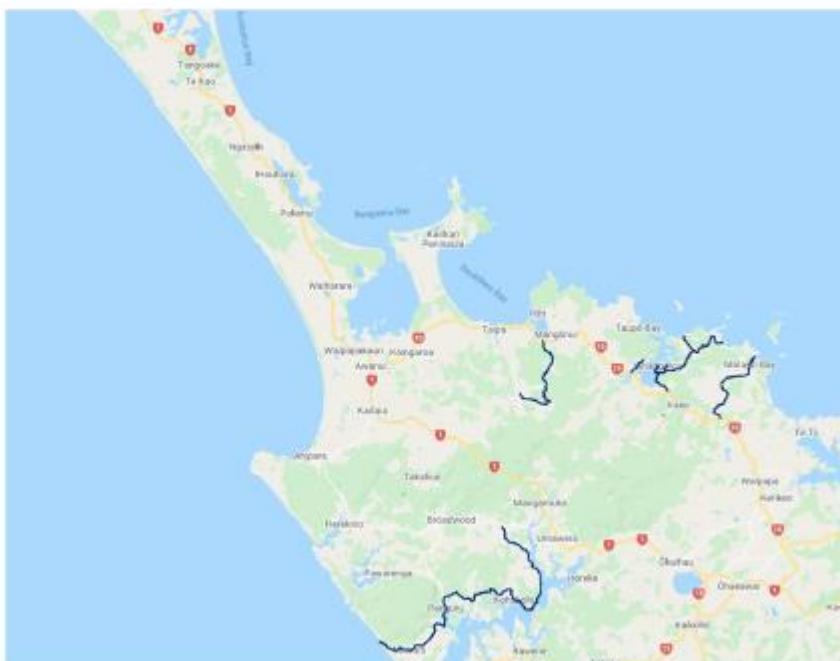


Figure 2: Routine Mowing Completed December 2021

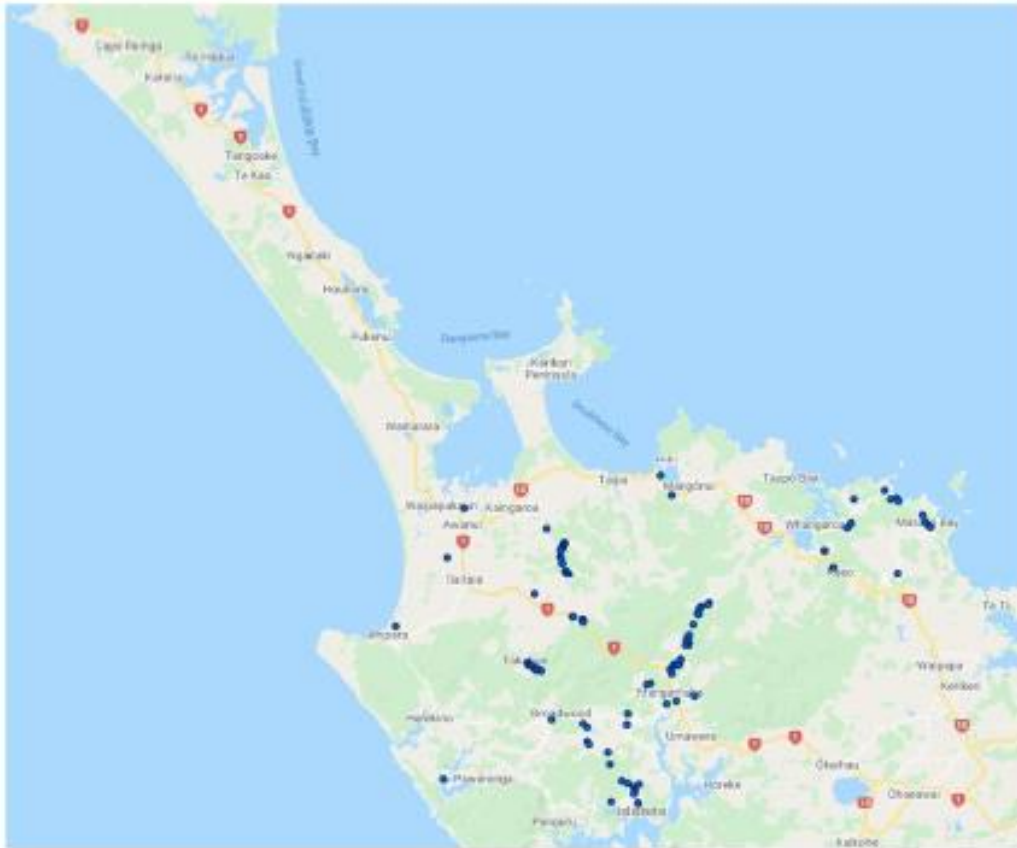


Figure 3: Routine Potholes Completed December 2021



Figure 4: Maintenance Metal & Heavy Metal December 2021



Figure 5: Peria Rd Seal Extension Guardrail Widening



Figure 6: Peria Rd Seal Extension Guardrail Widening



Figure 7: Oruru Rd Rehab 1 Rockwall Preparation



Figure 8: Oruru Rd Rehab 1 Rockwall In Progress



Figure 9: Parapara Toatoa Rd Seal Extension Drainage Works



Figure 10: Parapara Toatoa Rd Seal Extension Drainage Works



Figure 11: Parapara Toatoa Rd Seal Extension Drainage Works



Figure 12: Brass Rd Seal Extension Clearing



Figure 13: Brass Rd Seal Extension Clearing



Figure 14: Brass Rd Seal Extension Clearing



Figure 15: Brass Rd Seal Extension Clearing



Figure 16: Kaimaumau Rd Seal Extension



Figure 17: West Coast Rd Bridge Approach



Figure 18: West Coast Rd Bridge Approach

HEALTH & SAFETY

No injuries this month.

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	0	2	415
Medical Treatment Case (MTC)	0	1	25
First Aid Injury (FAI)	0	0	1222

QUALITY AND TRAINING

Environmental non-compliance notices issued

- Nil non-compliances to report.

Notice to Contractor issued

- NTC 90 Kaimaumu Rd Traffic Calming Speed Cushions
- NTC 91 Kaimaumu Rd Seal Extension
- NTC 92 Incident Response Reporting Template
- NTC 93 2021-22 Financial Year Confirmed Budget Allocations

Training

- Nil

RAMM Issue for the month

- Nil

RFS Report

- Not received from Council

FEEDBACK

Date: December 2021

Subject: Positive Feedback

Service Lane (by Warehouse Kaitaia)

CE of He Korowai Trust is extremely impressed with the work on the service lane.

JANUARY PROGRAMME

Maintenance activities programmed for January 2021 relate to routine sealed and unsealed maintenance activities such as sealed and unsealed potholes, signs and drainage. Grading and metaling are deferred until weather conditions provide more favourable conditions. Ordered works activities include the following:

- Peria Road Seal Extension Slip Repair Subcontractor Agreement & Planning
- Oruru Road Rehab 1 Rock wall construction
- Oruru Road Rehab 2 Pavement commencement
- Parapara Toatoa Rd Seal Extension – Clearing
- Brass Rd Seal Extension – Drainage and tree trimming

NZ TRANSPORT AGENCY (WAKA KOTAHI) - NORTHLAND ACTIVITY UPDA



No updates for December 2021

NOVEMBER

Activity	2021-24 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	\$91,550	0%	Amber	Waka Kotahi and the NOC contractor has agreed on the final program. A total of 168 lane kilometres will be delivered, which is more than the previous year. The construction season has started in September and a total of five kilometres of the program has been delivered which includes a rehab site. Weather has had a delay to the program but we are confident that we will complete the 21/22 program.
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 Pedestrian 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 and awaiting confirmation of funding to implement the design.</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	Early 2022	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		2022	Green	<p>Public engagement on 11 corridors of state highway (9 in Northland, 2 in north Auckland) closed in June 2021.</p> <p>Summary of the engagement process and feedback: Northland and north Auckland speed reviews engagement summary (nzta.govt.nz)</p> <p>Our intention is to now progress to the next stage of speed reviews on the corridors next year. This will involve formal consultation with the public, iwi and key stakeholders. Consultation will begin from mid-February, when we will be releasing detailed proposals about reductions in speed on these corridors which have been formed from through previous community engagement and technical assessments. These speed reviews form part of our work towards Vision Zero – an Aotearoa where no one is killed or seriously injured on our roads.</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, including engagement efforts with the Waipū community regarding intersections near the township. Some light construction (flexible median barriers, wider centrelines) 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>
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>

Activity	2021-24 NLTP	Completion	Progress	Commentary
				<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>
<p>SH1 Whangārei to Te Hana</p> <p>1. Whangārei to Port Marsden Highway - NZ Upgrade Programme</p> <p>2. Port Marsden Highway to Te Hana</p>		TBC		<p>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.</p> <p>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 is preparing an engagement report, based on recent feedback on safety and consultation on the Whangārei to Port Marsden Highway project last year.</p> <p>SH1 Whangārei to Port Marsden Highway safety improvements 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</p>
SH10 Kaeo bridge	\$40M	Early 2024	Green	<p>Construction has commenced, with initial works focused on preloading and earthworks on the western approach and widening the road at the site of the planned roundabout to give crews space to work on the eastern abutment.</p> <p>Traffic will be one-way through the site for the duration of the project, except for this Christmas period, when traffic will flow as normal across the old bridge.</p> <p>Kaeo Bridge NZ Transport Agency</p>
SH10 Waipapa corridor improvements	\$24.5M	Early 2022	Green	<p>Minor defects remain to be worked through, including modifications to the traffic islands at the northern end of SH10 to improve traffic flow around northbound right turning vehicles.</p> <p>SH10 Waipapa Corridor Improvements NZ Transport Agency</p>
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	\$6M	Late 2021	Green	<p>Traffic is flowing through operating roundabout and works are complete. Completion event with Minister scheduled for 2 February. Cultural design elements (pou, wall carvings) have been designed and constructed with local iwi, Ngāti Hine.</p> <p>SH1/SH11 Kawakawa intersection improvements Waka Kotahi NZ Transport Agency (nzta.govt.nz)</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:** 293 Request for Service (RFS) call outs in December, down from 336 in November, 295 in October and 300 in September
- **HR:** Our Water Quality Manager, Two Electricians and Two projects' Supervisors started in December.
- **Preventive maintenance:** 76% (68 of 89 jobs completed)
- **Reactive Renewals:** A total of 18 RRW's were raised in the month of December
- **Sewer Spill:** Rawene, upstream the WWTP: Incident occurred on the 15th when low flow has been reported on the into Rawene WWTP, large spill only located on the 20th, very difficult access, it took Two long days to clear the line and to clean the spill. Has been reported to NRC, visit on site, report completed. Several recommendations have been raised and are now in place. Another spill occurred, on the 17th when driving past, a sewage spill was identified by field staff at Tokarau Beach, report being completed early Jan 2022.
- **Optic fibre strikes:** Wed 1st, Chorus line damage when carrying out new sewer connection Davis Rd. Tues 7th, Chorus line damage when installing new water connection. For both Chorus strikes the area and been 'swept' and services identified. When excavating found that the identification tape/plastic marker were not positioned over cables which were damaged.

OPERATIONS & MAINTENANCE – WATER, STORMWATER AND WASTEWATER RETICULATION

- **Third party damage:** Tues 7th, a contractor conducting direction drilling cause significant damage to the main sewer line at Beechy St Opuia. Repairs were carried out over several days and services restored, final reinstatement of roading and pavement to be completed in the New Year.

- **Road Runner PS:** Both pumps at this station previously failed, the temporary pump (previously installed) has been removed and the new pumps installed.
- **Water & Wastewater Flow Monitoring:** Works associated with the FNDC contractors conducting the recording of flow using detection monitor/recording devices is nearing completion. Final additional drawdowns at Pump Stations (approx. 20) now to be conducted in Jan 2022 with the removal of the monitoring devices to follow Jan/Feb 2022.
- **1 Davis Cres Paihia:** Previous sewer spill from the gully trap on the property likely caused due to mainline being at capacity during wet weather events. Property owner has requested that something is done as is an ongoing issue. Request received from FNDC engineering to supply quote to install an inline gully Non-Return Valve. Quote completed and submitted.

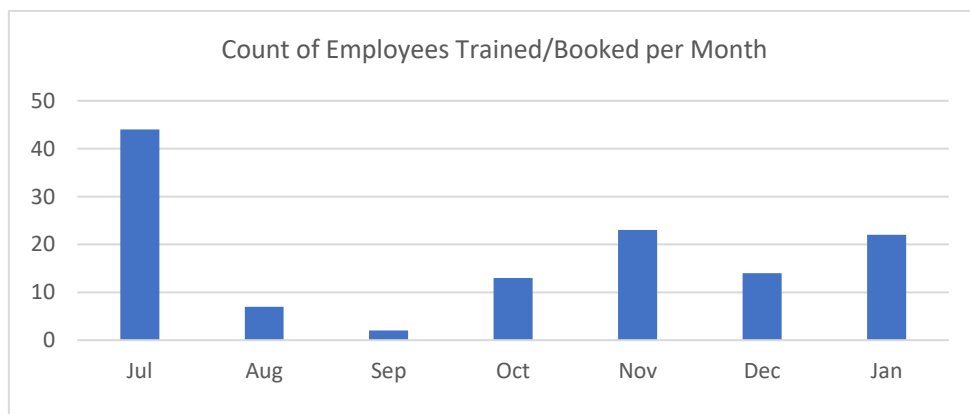
Water & Wastewater Treatment

- **Kerikeri WTP:** During the week of the 20th, the clarifier was empty of cleaning. Due to on-going issue of filtration backwash frequency decreasing to the point of daily backwashing, the decision to fully empty and clean the clarifier was undertaken, which has resulted in backwashes now extend to twice weekly cycle with the addition of water conservation heading into the holiday demand period.
- **Taraire Hill WTP and Opononi WTP:** The membrane plant had its annual servicing deferred early in the year due to the unavailability of service agent Masons contractors (Covid lockdown in Auckland), and this has now been completed with Masons servicing the membrane plants (2 skids). Manson will also be submitting a service report in the new year that will indicate the life expectancy of the membranes as preparation for the schedule 7-year service due in 2023.
- **Paihia WTP:** Intake manhole repair by the Ventia Projects team. Carbon dosing unit project has gone out to tender

All other plants running with only standard operational issues

TRAINING SCHEDULE

Asbestos Awareness (B), Certified Handler and Class 2 Licence (for one staff member) was completed in December.



Upcoming Training

JANUARY

- Confined Space
- Dangerous Goods Endorsement
- Basic Computer

FEBUARY

- Advanced Excel
- NEBOSH (1/3/21)

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	0	-	-	-	-	-	-	0
Injury - MTI	1	1	0	0	0	0	-	-	-	-	-	-	2

Risks and Opportunities

- Risk - Mobile plant and vehicles VOC's - Ongoing
- Covid-19 Traffic Light System

Key Activities:

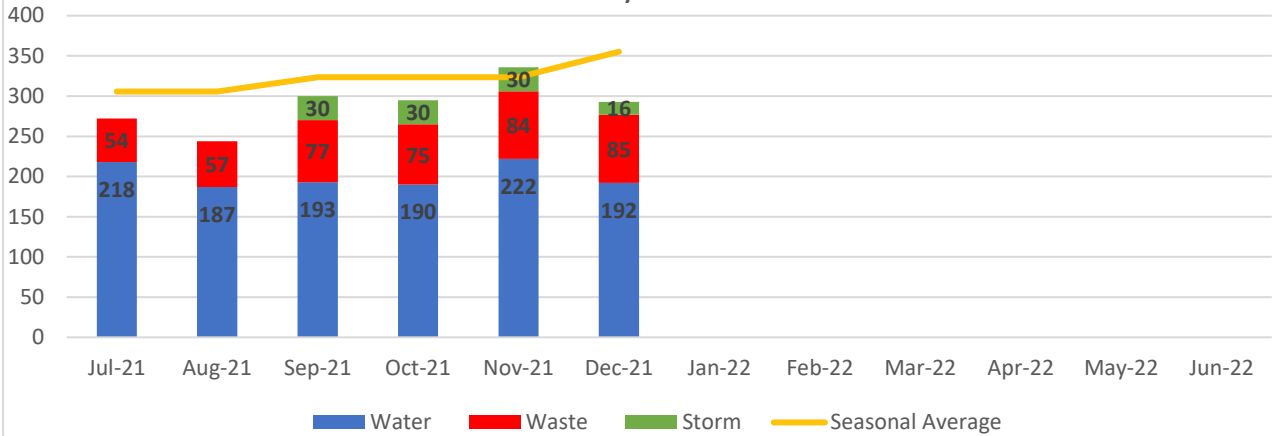
- Health and Safety all staff meeting not held – team toolboxes held instead
- Regional HSE monthly meeting has been moved to a team's meeting
- Health and Safety Committee monthly meeting hold on the 22nd

Incident Date	Severity	Description
1/12/2021 12:00pm	Utility Strike	Whilst opening the ground to find the existing sewer main, fibre optic cable was struck at approx. 150mm below the surface.
7/12/2021 12:00pm	Utility Strike	Whilst digging for a new water connection, a fibre cable was struck.

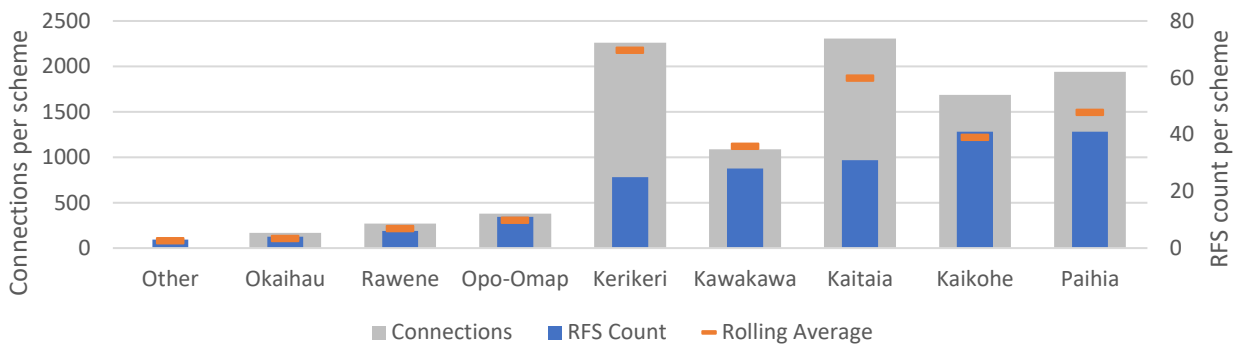
CUSTOMERS

The request for service (RFS) total for December was 293, including 16 stormwater RFS. This is down from 336 in November, 295 in October and 300 in September. This includes 89 RFS's for the North region, and 197 for the South region. The total for December 2019 was 360, and December 2020 was 422.

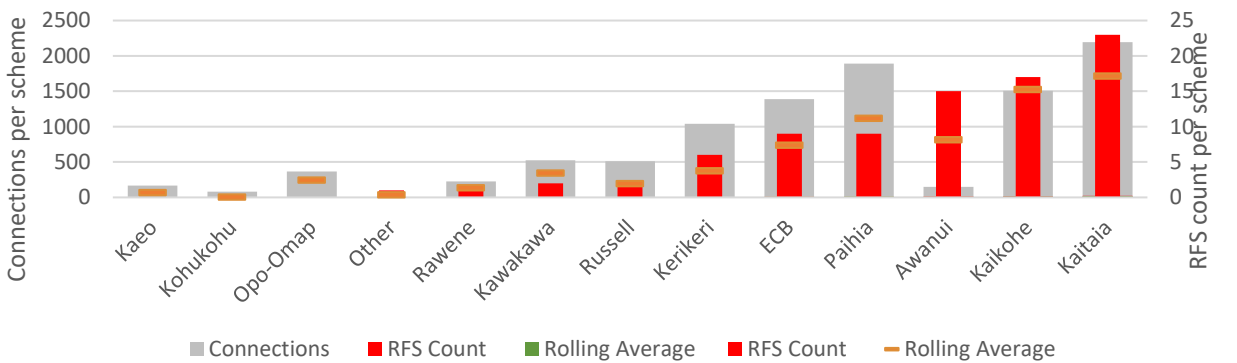
Monthly RFS Totals



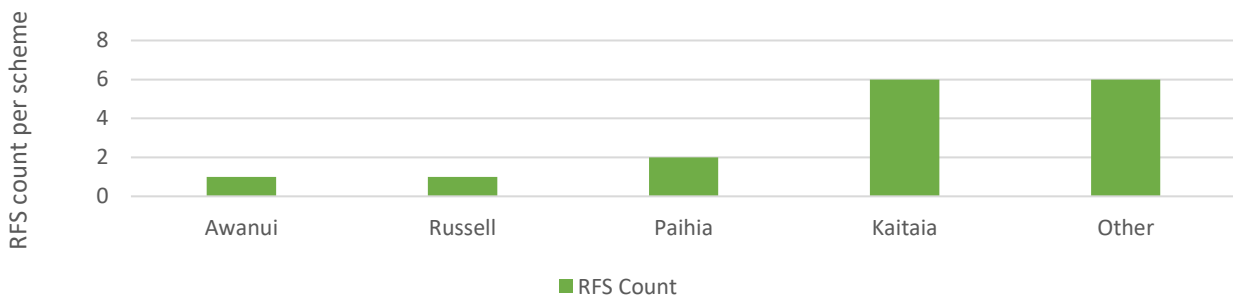
Water RFS and connection count per scheme



Wastewater RFS and connection count per scheme



Stormwater RFS per scheme



DIA REPORT – DECEMBER 2021

Sewerage Overflows Attend / Resolve KPI DIA/LTP/Alliance

Total Sewerage Overflow Submissions

10

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

1.65

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

3.77

Sewerage Overflows Attend / Resolve KPI % LTP/Alliance

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

40

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

30

Sewerage Non-Urgent Attend/Resolve KPI Alliance

Total "Sewer Non-Urgent" Submissions

9

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

2.02

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

3.78

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

.0863

Sewerage Customer Satisfaction KPI DIA/LTP/Alliance

No of Sewerage Faults/Complaints

24

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

2.07

Water Urgent Attend/Resolve KPI DIA/LTP/Alliance

"Water-Urgent" Submissions

3

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

.75

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

5.87

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

"Water Non-Urgent" Submissions

125

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

7.43

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

13.73

Water Other - Water Connections Alliance

"Water Other" Submission Connections Only

1

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

26

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

Water Quality/Continuity Faults

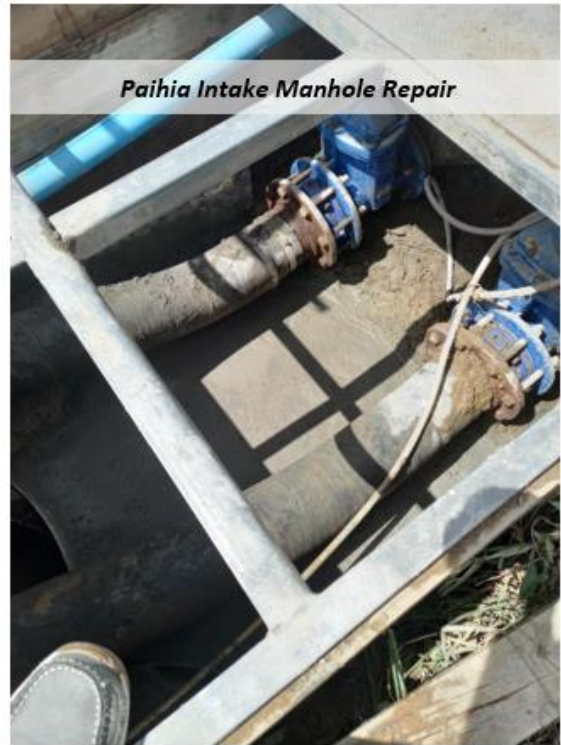
30

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

2.95

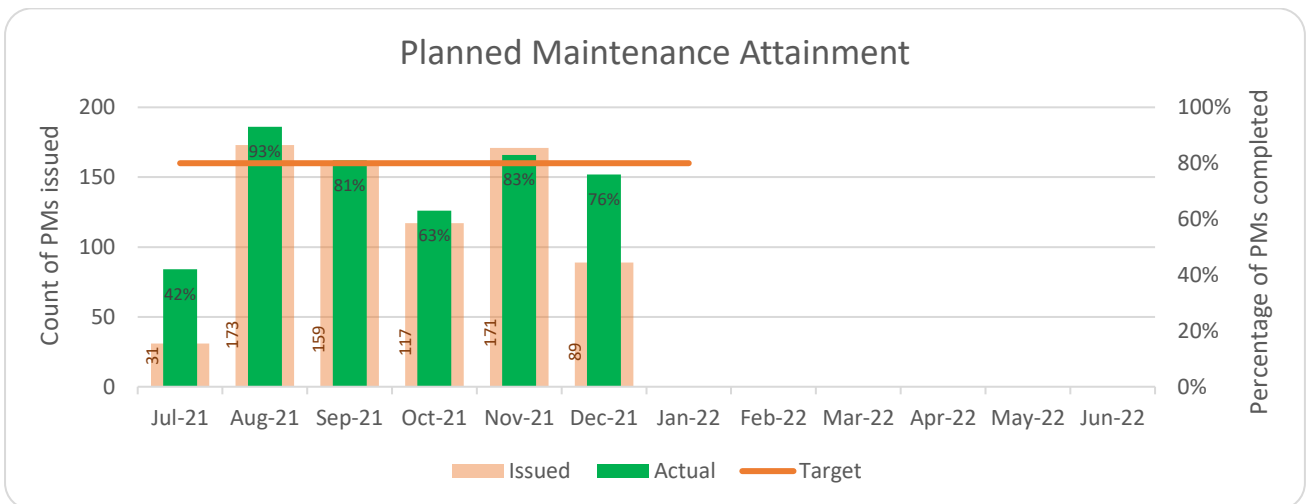
PROJECTS

- Projects Division had zero health and safety incidents this month.
- Work volumes are an issue, we have only received a Rawene De Sludge job for planned work for the 2021-2022 financial year. Rawene Stage 2 Sludging we have now received however 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.















RISK and ASSETS

- The 3 Waters business is continuing to operate under Traffic Light Red Level restrictions, with relatively minimal difficulty. The Alliance Pandemic Operating Plan has been amended to reflect the new Traffic Light System
- December saw a slight reduction in the PM attainment with 76% of PM's being closed off. It is suspected that the paperwork for a number of the December PM's is still to be returned, despite the maintenance works having been completed.
- A review of PMs for the 2021 calendar year has resulted in an overall PM attainment of 89%. A total of 1088 out of 1217 PM's were completed and closed off during the year.
- PM tasks have now been created for all water storage reservoirs throughout the district. The first work orders relating to water reservoirs will be issued in February 2022.
- The new Kerikeri Wastewater Treatment Plant assets have now been included in MEX at an individual level and PM tasks established for the plant based on the plant Operation and Maintenance Manuals provided at handover.
- Progress has been made, and will continue, on rationalising the asset information currently within MEX in relation to the district wastewater treatment plants. This will enable the development of PM tasks and the issue of work orders for each plant to be generated.



COMPLIANCE

Sites	Asset Group	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. Funding has been found to purchase equipment for automated leachate monitoring. This will enable more precise control.
Hihi			Non - Compliant	<ul style="list-style-type: none"> The project to upgrade plant is in its initiation phase. The downstream NH4-N exceeded 1.6g/m3. There was a similar breach in January 21 suggesting this is caused by summer low flows. This can be addressed in the design of the new treatment plant. Special summer E.coli monitoring has commenced as required by consent conditions.
Opononi			Condition 19 – E.Coli.	<ul style="list-style-type: none"> Wetland restoration completed in October. E.coli has reduced from 10863 MPN to 3076 MPN but is not yet in compliant range <3000MPN. Resource Consent renewal in process
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.
Taipa			Non-compliant	<ul style="list-style-type: none"> Desludging of lagoon 2 in October temporarily affected processing of ammonia. The ammonia trend has improved from 28.1g/m3 in October to 9.89g/m3 in December. The consent limit is 5g/m3. All other parameters were compliant and E.Coli and coliform results have improved significantly since desludging.
Whatuwhiwhi			Condition 8 – TSS	<ul style="list-style-type: none"> High TSS caused by algae. Compliance Lead discussing option for algacide with NRC Faecals and E.Coli trending up. FNW investigating options for replacing aerator and desludging. Seeking methodology, timeline and cost from provider. Due for desludging in 23/24 year. UV's being serviced January 2022.

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