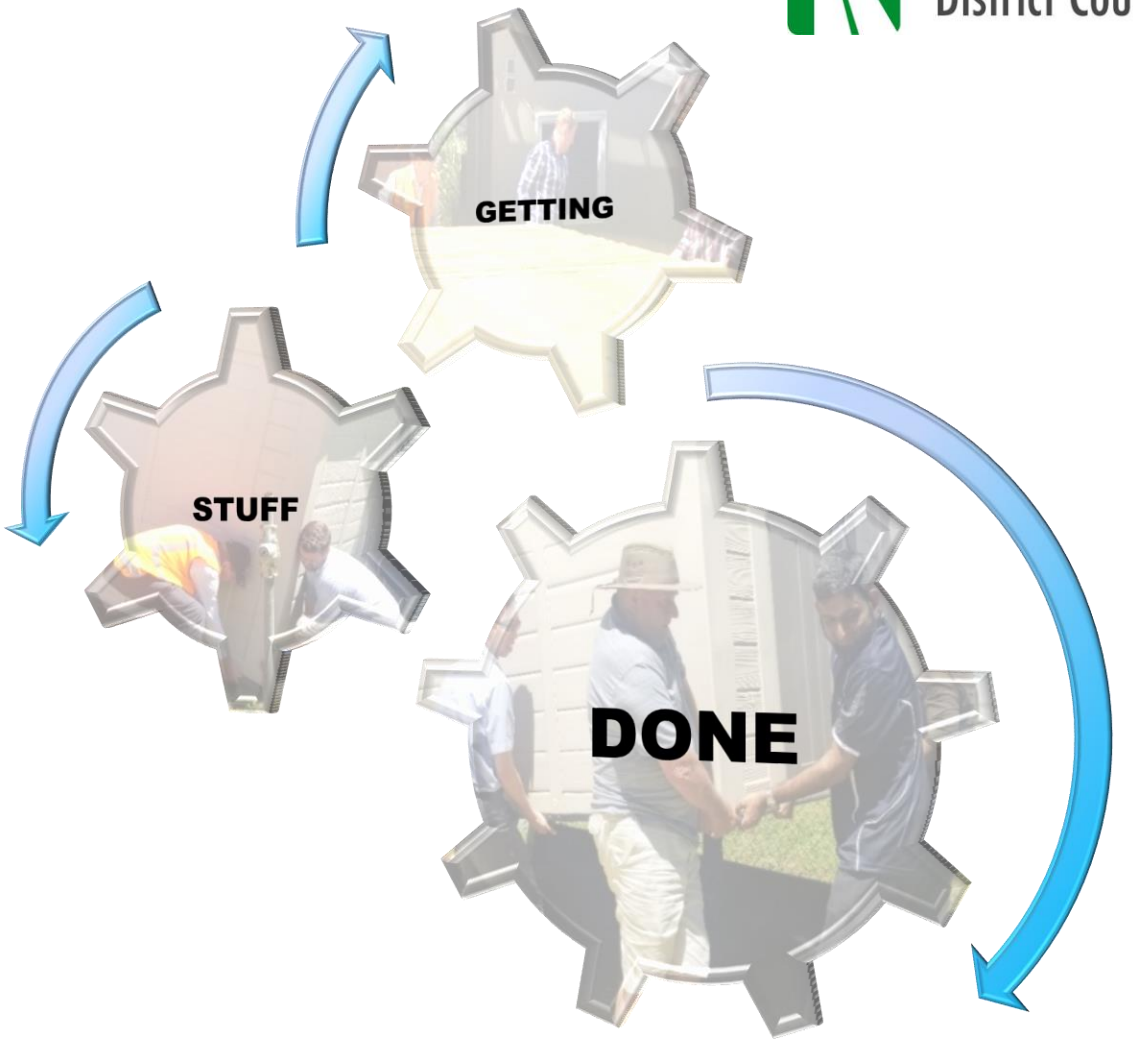
Far North District Council



Infrastructure and Asset Management

Monthly Business Report

JULY 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.

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 Defense

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.

Getting Stuff Done

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SUCCESSES

DISTRICT FACILITIES

Some fantastic feedback – check it out here.

VENTIA

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

FULTON HOGAN

More good work by the team at Fulton Hogan.

CAPITAL SPEND ANALYSIS

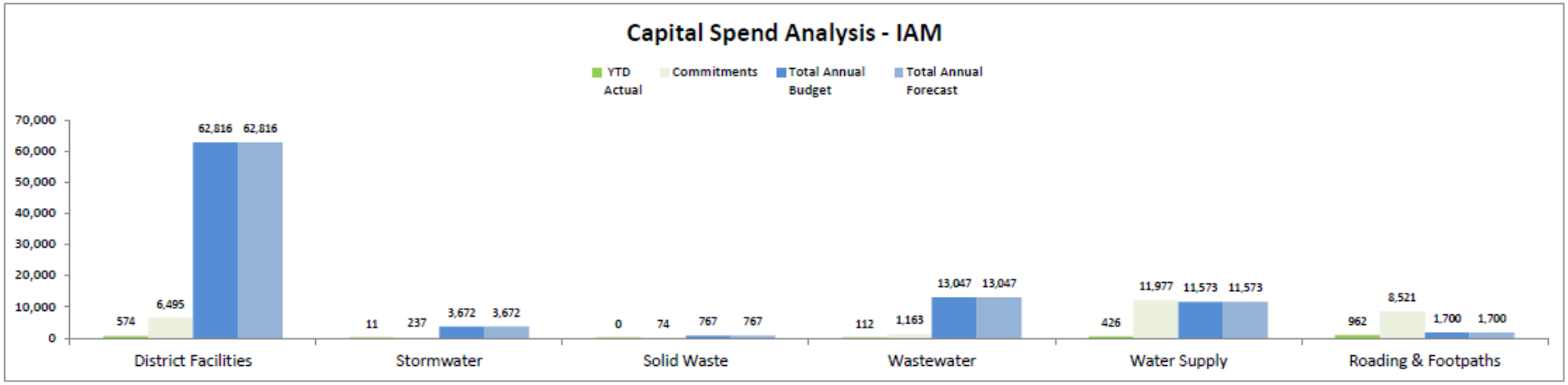
Capital Spend Analysis

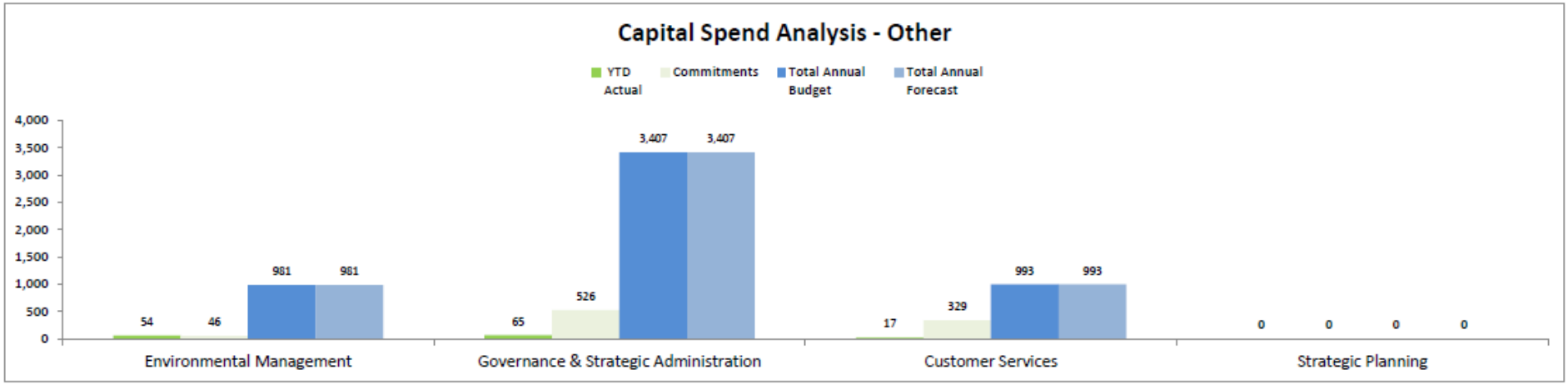
as at 31-Jul-2021

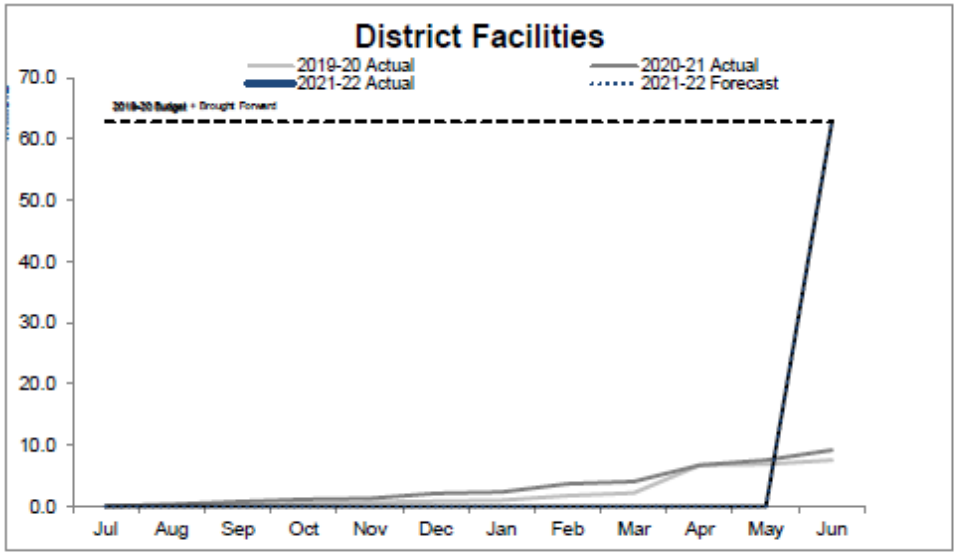
	YTD ($000's)		Full Year ($000's)							
LTP Group	**YTD Actual**	**Commitments**	**LTP Budget**	**Carry Forward Budget**	**Total Annual Budget**	**Actual vs Budget %**	**Total Annual Forecast**	**Actual vs Forecast %**	**Forecast vs Budget %**	**Forecast vs Budget Variance**
District Facilities	574	6,495	62,816	0	62,816	0.9%	62,816	0.9%	100%	0
Stormwater	11	237	3,672	0	3,672	0.3%	3,672	0.3%	100%	0
Solid Waste	0	74	767	0	767	0.0%	767	0.0%	100%	0
Wastewater	112	1,163	13,047	0	13,047	0.9%	13,047	0.9%	100%	0
Water Supply	426	11,977	11,573	0	11,573	3.7%	11,573	3.7%	100%	0
Roading & Footpaths	962	8,521	1,700	0	1,700	56.6%	1,700	56.6%	100%	0
IAM Total	**2,084**	**28,467**	**93,575**	**0**	**93,575**	**2.2%**	**93,575**	**2.2%**	**100%**	**0**
Environmental Management	54	46	981	0	981	5.5%	981	5.5%	100%	0
Governance & Strategic Administratic	65	526	3,407	0	3,407	1.9%	3,407	1.9%	100%	0
Customer Services	17	329	993	0	993	1.7%	993	1.7%	100%	0
Strategic Planning	0	0	0	0	0	0.0%	0	0.0%	0%	0
Other Total	**136**	**901**	**5,381**	**0**	**5,381**	**2.5%**	**5,381**	**2.5%**	**100%**	**0**
Total	**2,220**	**29,368**	**98,957**	**0**	**98,957**	**2.2%**	**98,957**	**2.2%**	**100%**	**0**

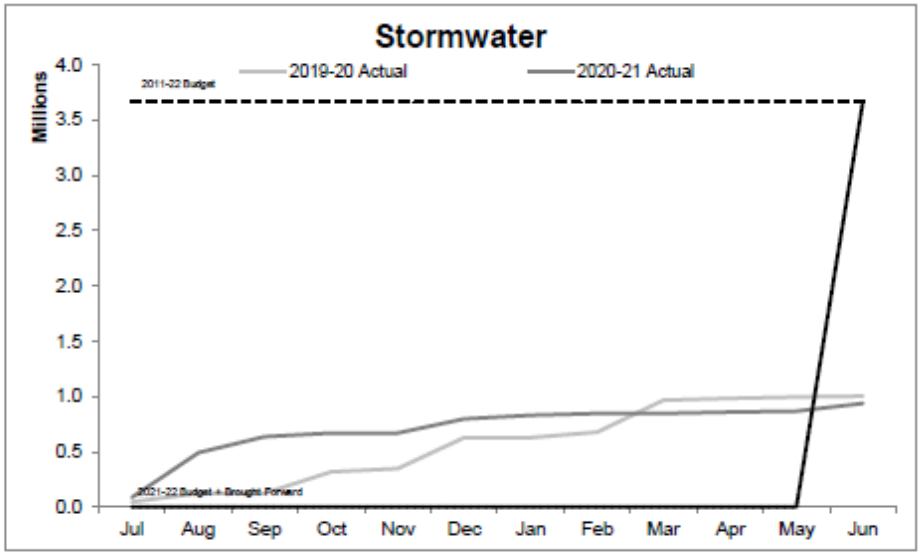
Comments:

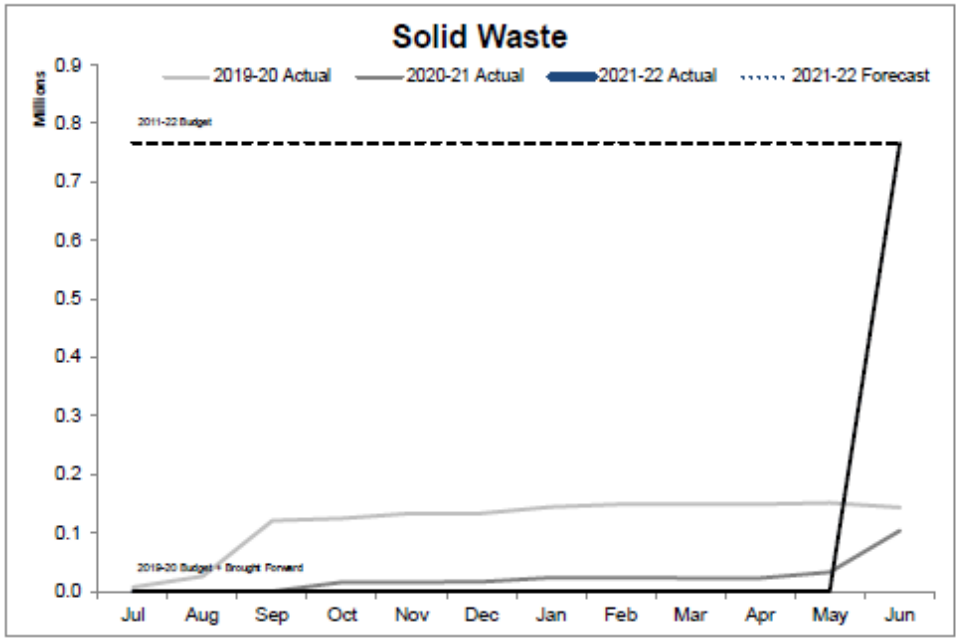
The 'Total Annual Forecast' is what is expected to be spent by 30 June 2022.

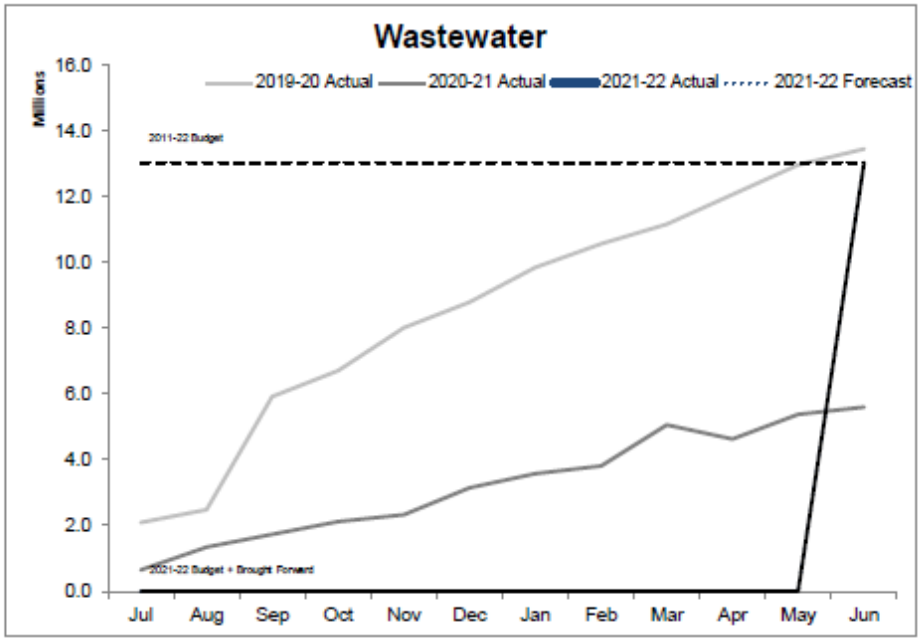

Capital Spend Analysis - IAM
YTD Actual
Commitments
Total Annual Budget
Total Annual Forecast
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
574
6,495
62,816
62,816
11
237
3,672
3,672
0
74
767
767
112
1,163
13,047
13,047
426
11,977
11,573
11,573
962
8,521
1,700
1,700
District Facilities
Stormwater
Solid Waste
Wastewater
Water Supply
Roading & Footpaths

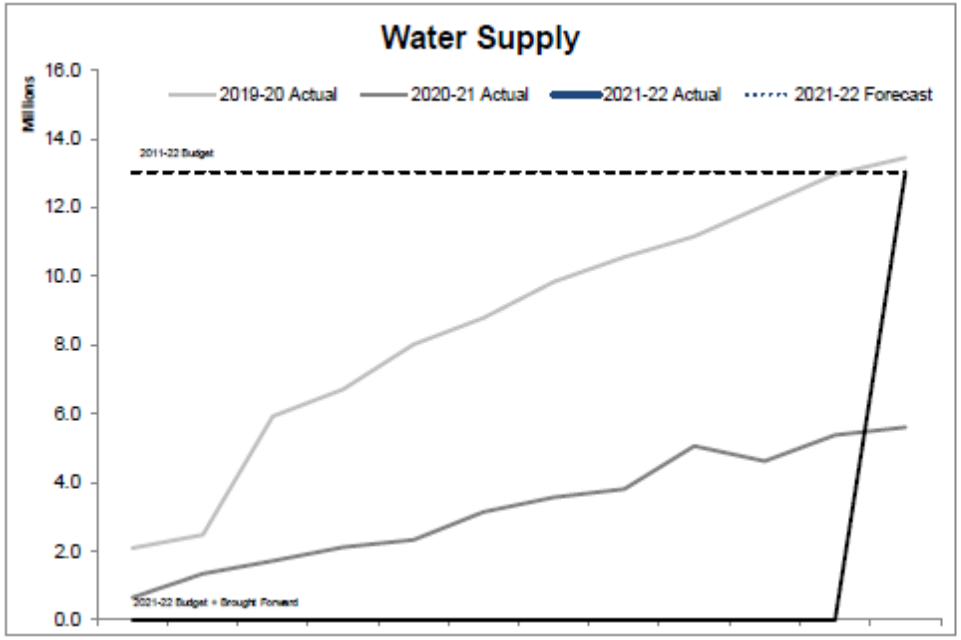

Capital Spend Analysis - Other
YTD Actual
Commitments
Total Annual Budget
Total Annual Forecast
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
54
46
981
981
65
526
3,407
3,407
17
329
993
993
0
0
0
0
Environmental Management
Governance & Strategic Administration
Customer Services
Strategic Planning

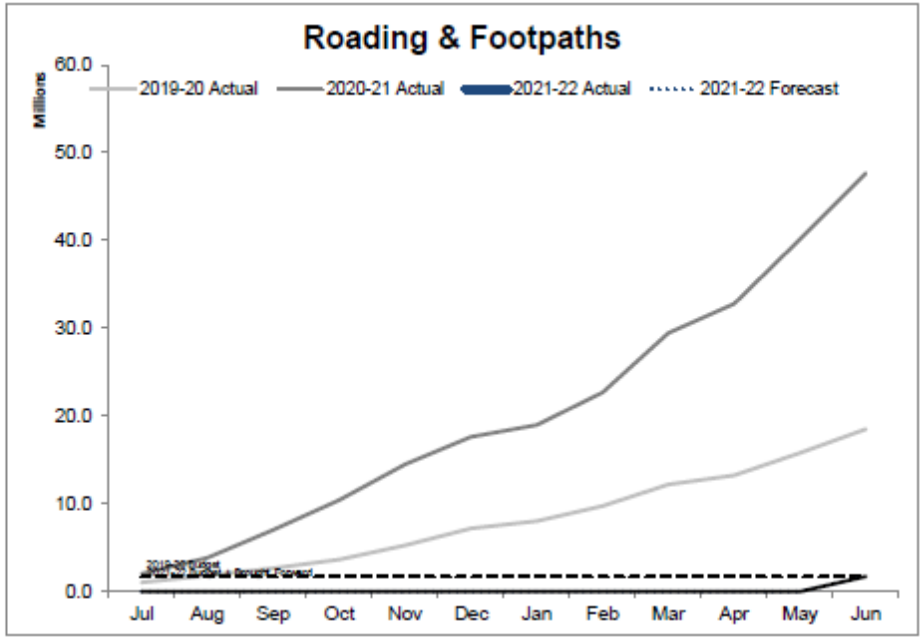

District Facilities
2019-20 Actual
2020-21 Actual
2021-22 Actual
2021-22 Forecast
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun


Stormwater
Millions
2019-20 Actual
2020-21 Actual
2011-22 Budget
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun


Solid Waste
Millions
2019-20 Actual
2020-21 Actual
2021-22 Actual
2021-22 Forecast
2011-22 Budget
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun


Wastewater
Millions
2019-20 Actual
2020-21 Actual
2021-22 Actual
2021-22 Forecast
2011-22 Budget
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun


Water Supply
Millions
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2019-20 Actual
2020-21 Actual
2021-22 Actual
2021-22 Forecast
2011-22 Budget
2021-22 Budget + Brought Forward


Roading & Footpaths
Millions
60.0
50.0
40.0
30.0
20.0
10.0
0.0
2019-20 Actual
2020-21 Actual
2021-22 Actual
2021-22 Forecast
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun

TRANSPORTATION

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

EXECUTIVE SUMMARY

Final approval of the NLTP programme will be considered by the Waka Kotahi Board by late August and the final approved NLTP is due to be announced by the Minister of Transport on at the end of August before being published by early September 2021.

The volume of Development Applications received by the Road Safety and Traffic Planning team remained consistent through July (39 vs. 12 month rolling average of 37). Recruitment activities continue for a new Senior Development Engineer (Transportation) with applicants shortlisted and interviews scheduled to take place in August.

The MBIE Worker Redeployment Programme close out report was submitted to MBIE in mid-July, with a copy of this report to be presented to FNDC Infrastructure Committee members at the September meeting.

With NLTF subsidies and budgets yet to be confirmed (expected early September), the Capital Works team are presently focussed on completion of remaining 2020/21 works and planning known / confirmed activities for the 2021/22 programme.

Maintenance & Operations Achievement data is reported one month in arrears. June results indicate a huge increase in roadside drainage quantities achieved for June, helping improve network resilience in the lead up to winter.

NTA transport staff continue to have a field inspection presence significantly more than the "10% of contractor audit length" target.

July saw an increase of 8% in the number of Customer Interactions (CIs) from last month, reflective of similar historic increases at this time of year. It is however pleasing to note that the most common interaction - *Potholes, Edge Breaks, Corrugations* – is at an all-time low for the month of July (compared to previous two years).

2021/24 AMP DEVELOPMENT PROGRESS

Final approval of the NLTP programme will be considered by the Waka Kotahi Board by late August and the final approved NLTP is due to be announced by the Minister of Transport on at the end of August before being published by early September 2021. Aligned with this timing:

- The confirmation and details of the indicative funding will not be made available until September 2021.
- Details of the Capital programmes, Low Cost Low Risk (projects under $2M) and Major Improvement Works (projects over $2M) will also not be released until September 2021.

A paper outlining funding outcomes and associated recommendations will be provided to Council (October) for consideration following staff assessment of any funding loss.

CENTRAL GOVERNMENT POLICY SUBMISSIONS

No Central Government Policies related to Transport are presently requiring review.

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

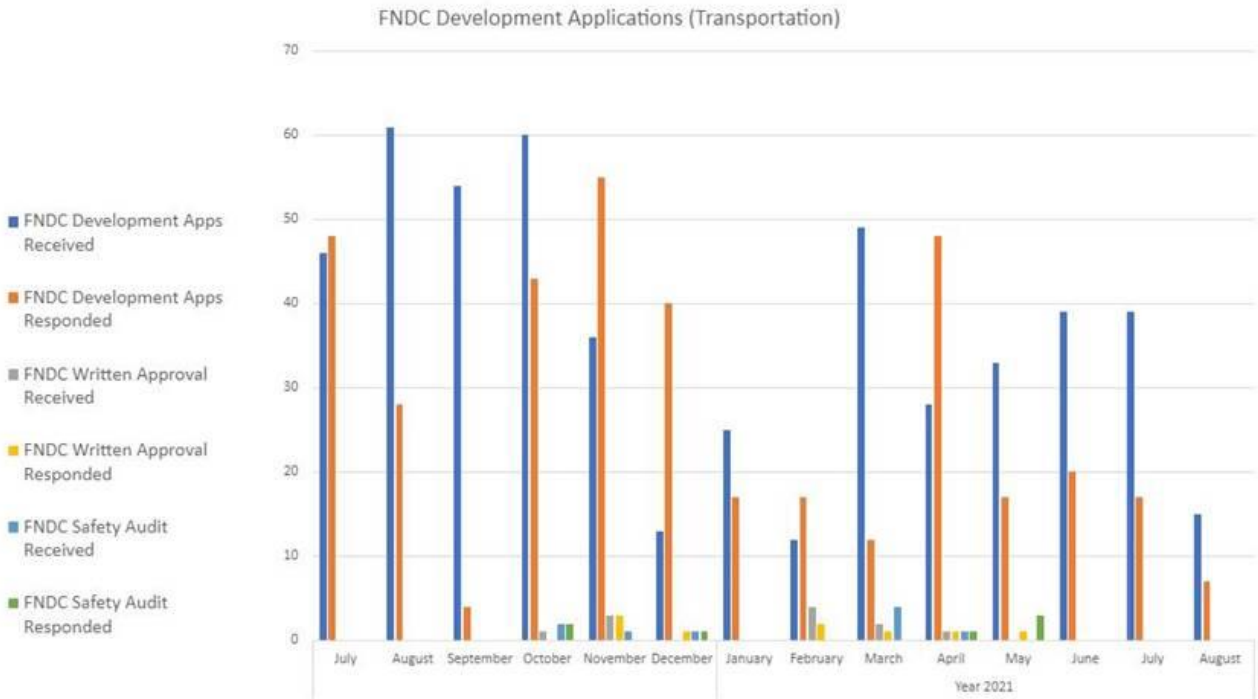
The final project summary report summarising all completed funding works and related social procurement objective achievements was completed and submitted to MBIE in July as required. A copy of this report will be provided to the FNDC Infrastructure Committee (September meeting) as part of the Transportation Programme update agenda item.

DEVELOPMENT APPLICATIONS (Transportation)

The below table & graph provides information on the volumes of development applications received for transportation assessment. July's application numbers (39) remain consistent with what was received in June, continuing to trend above the 12-month rolling average of 37.

- Shortlisting of applicants is presently underway for the Senior Development Engineer (Transportation) with interviews to be undertaken in mid-August.
- The Graduate Engineer role has been filled and commences in late August.

		FNDC							
		Development Apps		Written Approval		Safety Audit			
		Received	Responded	Received	Responded	Received	Responded		
Year 2019	October	0	0	0	0	0	0	0	0
	November	12	2	0	0	0	0	12	2
	December	4	12	0	0	0	0	4	12
Year 2020	January	13	4	0	0	0	0	13	4
	February	17	8	0	0	0	0	17	8
	March	24	34	0	0	1	1	25	35
	April	17	16	2	1	0	0	19	17
	May	34	31	2	3	0	0	36	34
	June	28	24	2	2	0	0	30	26
	July	46	48	0	0	0	0	46	48
	August	61	28	0	0	0	0	61	28
	September	54	4	0	0	0	0	54	4
	October	60	43	1	0	2	2	63	45
	November	36	55	3	3	1	0	40	58
	December	13	40	0	1	1	1	14	42
Year 2021	January	25	17	0	0	0	0	25	17
	February	12	17	4	2	0	0	16	19
	March	49	12	2	1	4	0	55	13
	April	28	48	1	1	1	1	30	50
	May	33	17	0	1	0	3	33	21
	June	39	20	0	0	0	0	39	20
	July	39	17	0	0	0	0	39	17
	August	15	7	0	0	0	0	15	7
		659	504	17	15	10	8		



Note - The August figures above reflect part month only (to Thursday 12th August) however are included to demonstrate the increased volume trend is continuing.

FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

With NLTF subsidies and budgets yet to be confirmed (expected early September), the Capital Works team are presently focussed on completion of remaining 2020/21 works and planning known / confirmed activities for the 2021/22 programme. Full programme reporting and forecasting will re-commence in quarter 2 of this financial year, following confirmation of the programme based on approved funding.

FNDC Significant Projects

Category	Location	% Complete	Monthly Status Update	Next months expected status
322 Replacement of Bridge Structures	West Coast Road	65%	Construction underway	Construction underway
341 LCLR -Cycleways	SH11 Kaipatiki Road to York Road	95%	Construction underway	Site walk over and final sign off. Issue Practical Completion Certificate
341 LCLR - Resilience	Powell Road RP209	1%	Construction underway	Construction underway
Resilience - Unsubsidised	Panguru Road	90%	Complete	Complete
341 LCLR - Safety	Various – Guardrail installations	95%	Construction underway	Site walk over and final sign off. Issue Practical Completion Certificate

Category	Location	% Complete	Monthly Status Update	Next months expected status
Cycle Facilities - Unsubsidised	Pou Herenga Tai Cycle Trail NZ Heritage	0%	Project on hold	Project on hold
Walking Facilities - Unsubsidised	Footpath Loop Te Ahu - Te Hiku Sports Hub	0%	Physical works contract Tendering underway	Contract award / approval

Photo Wall

West Coast Road/Temporary bridge

West Coast Road/ New piles in ground

Panguru Road/Section C – Pavement raising & resurfacing completed

Ahipara Foreshore Road/Footpath being built on rehabbed seawall

FNDC TRANSPORT MAINTENANCE & OPERATIONS PROGRAMME

Current claim validation and processing timeframes require maintenance achievement data to be reported one month in areas, with June 2021 data provided below.

Key points to note include:

- For June, grading in FNDC Southern Area (Ventia) was higher than normal monthly averages noting FNDC North Area (Fulton Hogan) had an exceptionally higher than normal km length grading achievement in the month prior (May).
- Unsealed road gravel volumes were just below monthly averages, having previously completed their planned unsealed road renewal jobs.
- Data showed record infilling of unsealed road potholes across the District (as expected in onset of wet winter conditions) with sealed road pothole numbers just below normal monthly averages.
- FNDC North Area had a huge increase in roadside drainage quantities achieved for June, helping improve network resilience in the lead up to winter.
- Signs maintenance was lower than average in both FNDC contract areas.
- Sealed road repairs were understandably low with this activity not actively programmed because cold, wet conditions reduce quality and effectiveness of chip seal repairs.
- Use of chemical spraying for roadside vegetation control activities were high for the May and June months, surprisingly – considering the colder winter conditions not conducive to accelerated growth. The timing of this activity will be investigated further and monitored closely for cost effective performance.

North 21

Northern Area	Far North District Council		
Road Length	427.31 sealed		
	832.98 unsealed		
Activity Description	Prev mth	This mth	Mthly Average Prev 24 Mnths
Unsealed Maintenance Gravel (cum)	4209.00	1222.00	2350.92
Unsealed Compacted Gravel (cum)	0.00	0.00	1273.46
Unsealed Road Grading (km)	463.00	200.63	248.06
Wet Roll and Grade (km)	1.50	17.12	1.27
Unsealed Road Potholes (ea)	1919.00	2214.00	1014.46
Sealed Road Potholes (ea)	131.00	84.00	98.08
Sealed Road edgebreak (m)	217.00	2.00	36.25
Sealed Road Pavement Repairs (sqm)	0.00	500.00	1371.38
Sealed Road Surface Repairs (sqm)	0.00	0.00	9.96
Water Cutting (sqm)	0.00	0.00	0.00
Roadside mowing (km)	176.58	130.70	116.98
Roadside Spraying (km)	603.42	0.00	160.58
Vegetation Envelope Cleared (km)	119.00	21.97	49.78
Roadside Drainage Cleared (m)	18613.00	14769.00	3385.50
Roadside Culverts Cleared (ea)	1.00	1.00	48.25
Culvert Markers Replaced (ea)	51.00	8.00	31.42
Cesspit Grates Cleared (ea)	112.00	110.00	39.08
Kerb & Channel Cleaned (km)	0.00	0.00	0.80
Routine Surface Detritus Removed (#)	0.00	0.00	0.08
Overslip Material Removed (cum)	0.00	0.00	0.05
Routine Signs Maintenance (ea)	25.00	5.00	39.33

South 22

Southern Area	Far North District Council		
Road Length	465.91 sealed		
	780.79 unsealed		
Activity Description	Prev mth	This mth	Mthly Average Prev 24 Mnths
Unsealed Maintenance Gravel (cum)	510.00	1390.00	1783.17
Unsealed Compacted Gravel (cum)	5722.00	0.00	1230.25
Unsealed Road Grading (km)	286.69	232.95	189.05
Wet Roll and Grade (km)	0.00	0.00	3.68
Unsealed Road Potholes (ea)	5736.00	3283.00	1862.96
Sealed Road Potholes (ea)	179.00	101.00	195.75
Sealed Road edgebreak (m)	685.00	320.00	171.13
Sealed Road Pavement Repairs (sqm)	594.00	217.00	558.71
Sealed Road Surface Repairs (sqm)	0.00	0.00	41.17
Water Cutting (sqm)	0.00	0.00	138.79
Roadside mowing (km)	116.04	61.00	52.30
Roadside Spraying (km)	352.35	605.43	351.18
Vegetation Envelope Cleared (km)	21.52	11.41	8.82
Roadside Drainage Cleared (m)	35.00	357.00	922.54
Roadside Culverts Cleared (ea)	282.00	209.00	156.79
Culvert Markers Replaced (ea)	28.00	119.00	14.67
Cesspit Grates Cleared (ea)	360.00	232.00	71.42
Kerb & Channel Cleaned (km)	0.00	85.02	9.86
Routine Surface Detritus Removed (#)	319.00	219.00	52.08
Overslip Material Removed (cum)	0.00	0.00	0.18
Routine Signs Maintenance (ea)	91.00	74.00	100.46

As demonstrated in the table below, NTA transport staff continue to have a field inspection presence well in excess of the "10% of contractor audit length" target.

Network Area Inspection Data						
	Contractors Monthly Inspections (km)		NTA's Minimum Monthly Inspections (km)		NTA's Actual Monthly Inspections (km)	
	North Area	South Area	North Area	South Area	North Area	South Area
Week 1	88.97	108.628	8.9	10.8	258.819	89.763
Week 2	479.56	608.887	48.0	60.9	70.826	355.784
Week 3	625.10	510.890	62.5	51.9	391.196	133.403
Week 4	521.18	416.801	52.1	41.7	311.9	45.284
Week 5	276.55	298.708	27.7	29.9	135.881	127.432
Total	1991.36	1943.905	191.4	194.4	1168.622	731.666

HOKIANGA FERRY (KOHU RA TUARUA)

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

A Fullers crew member has reported a situation where a regular traveller of the service had reported to them a situation where the traveller had been approached in Rawene and offered a sheet of counterfeit tickets for sale. All staff have been briefed on what to look out for and the process for reporting and escalation should this issue arise.

The revenue collected for July 2021 was $45,540.43 excluding GST. This is down approximately 9% on July 2020 ($57,632.52). Anecdotally, this this is likely a result of poor weather during the July school holidays and a reported lack of domestic travel.

No weather or mechanical interruptions were experienced to the service during the month of July.

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

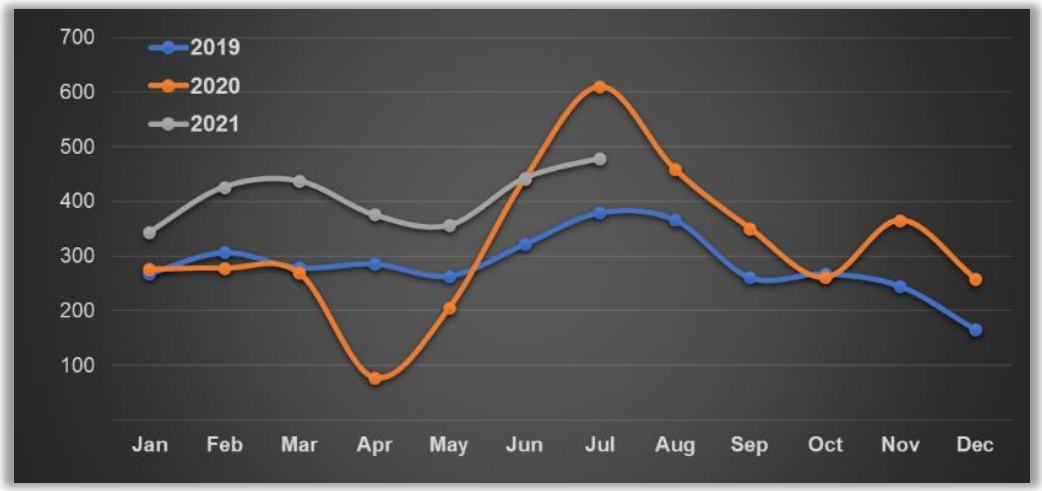
- UFB
  - Haruru Falls area is now complete and final reinstatement is underway.
  - Opua is well under way with another contractor on site doing the work on Baffin Street and Richardson Rd area.
  - Russell is well under way, Waipapa is nearly complete and Rawene has started.
  - Fibre Connections have now started in Paihia, Okiato and still on going in all other townships.
- Water mains are still ongoing with both replacement and repairs. Drilling has started for the Sweet water system in the road reserves of Kaitaia.
- Preparation for re seal sites has started.

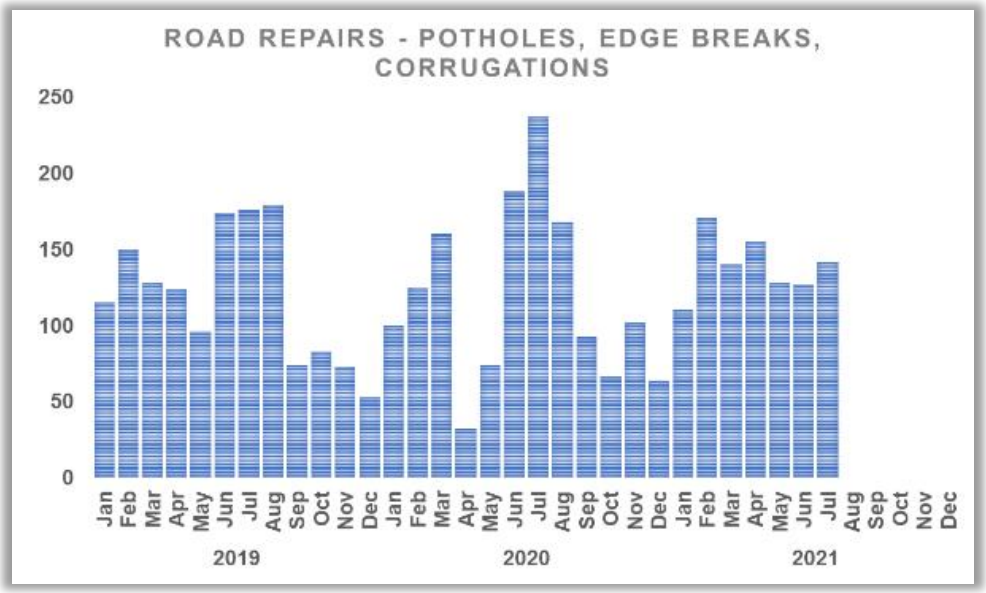
THE CUSTOMER EXPERIENCE

REQUESTS FOR SERVICE

July saw an increase of 8% in the number of Customer Interactions (CIs) from last month. While an increase between these two months is normal for the time of year the size of increase is greater than usual. .

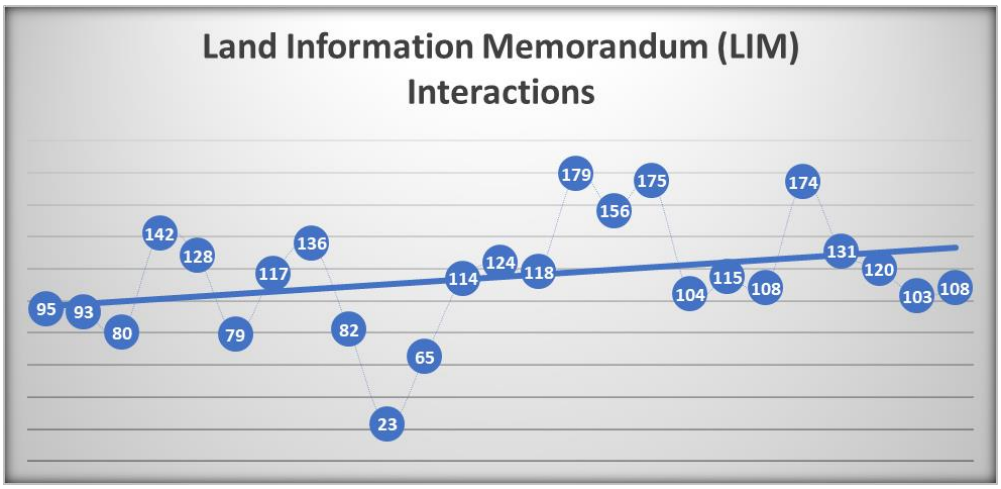
The current road maintenance contracts started in July 2018 and it is pleasing to note that the most common interaction - *Potholes, Edge Breaks, Corrugations* – is at an all-time low for the month of July. This is testament not only to proactive maintenance but, also to the amount of work that has been invested into the asset through focussed capital work and expenditure.





LAND INFORMATION MEMORANDUM

The 'return to normal' number of applications continues into July. This proved timely as coincides with business need to redistribute resource efforts to address demands in other areas. This came predominantly in the form of financial planning, administration, and reconciliation at the end of what was an extremely busy year in this respect.



Forward Planning

Collaboration and discussion with the Customer Service Centre continue as the NTA reviews processes around the more complex and involved Customer Interactions. These changes will be implemented during the next quarter. In addition, the previously mentioned customer focussed project that was postponed last year is scheduled to recommence during August 2021.

PROJECT DELIVERY

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

EXECUTIVE SUMMARY

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

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

Project Name: Southern Animal Shelter Project ID: 261012

Project Phase: Design

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Amber**	**Green**	Building Consent on hold for further information, RFI information and minor amendments to plans underway. Resource Consent Granted 7th July 2021
Scope	**Green**	**Green**	Scope confirmed
Schedule	**Green**	**Green**	Schedule confirmed
Cost	**Amber**	**Amber**	QS received, minor adjustments to be made, once amendments have been made to plans
Project Risk	**Amber**	**Amber**	Weather, contractor availability, material availability, Covid-19, removal of existing dwelling and outbuildings from site.

Monthly Summary:

Building Consent on hold for further information, minor amendments to be made to plans to decrease QS where possible, Resource Consent Granted 7th July 2021, QS received amendments to be made to QS once amended plans are completed.

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	Final Design Confirmed, Building Consent Lodged, currently on hold for further information.
Tender Award	Mid-June 2021	Delayed	Tender award expected September, due to delays issuing of building consent, RFI received, and information being collated, minor amendments being made to plans
Construction	Mid to Late July 2021	Delayed	Construction expected November 2021

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$1,443,489.00	*$116,611.91*	*$1443,489.00*

Project Name: Northern Animal Shelter — Project ID: 261011

Project Phase: Construction Completed

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Construction Completed 9th July 2021
Scope	**Green**	**Green**	Scope confirmed.
Schedule	**Green**	**Green**	Project program confirmed.
Cost	**Green**	**Green**	Cost confirmed and approved
Project Risk	**Green**	**Green**	Weather, contractor availability, material and time delays due to Covid-19.

Monthly Summary:

Construction completed by KPH Construction Ltd on 9th July 2021, Practical Completion issued 15th July 2021, official opening of the facility Friday 23rd July

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

Key Project Milestones	Expected	Status	Comment
Tender award	Late September	Awarded	Awarded to KPH Construction
Construction	Completed	Completed	Completed 9th July 2021

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$1,470,989.00	*Construction: $1,470,989.00* *Project Management Time, Professional Fees, & BC Fees: $41,950.21*	*$1,470,989.00*

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

Project Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	**Mitimiti:** Construction is completed at Mitimiti & CCC achieved; Toilet is Operational
	Green	Amber	**Opononi:** Construction is completed at Opononi & CCC achieved; Toilet is Operational
	Amber	Amber	**Waitangi:** Waitangi Toilet has now entered the Procurement phase and Tender Doc's are being drafted.
	Green	Amber	**Haruru Falls:** Prefabricated unit is onsite and connected to services
Scope	Green	Green	**Waitangi:** Scope is clear and approved by Stakeholders **Mitimiti:** Construction complete. **Opononi:** Construction complete. **Haruru:** Scope is clear and defined.
Schedule	Amber	Green	Projects currently tracking behind programme due to consultation and legal agreement delays. An extension of time has been granted from MBIE until Dec 2021, COVID 19 has also played its part in the programme delays.
Cost	Green	Green	Mitimiti completed within budget, Opononi will follow suit. Haruru Falls pricing is in line with budgets. Waitangi has not yet been out to market, but QS shows we have a shortfall, but we may have savings at other sites which can be re-allocated to Waitangi
Project Risk	Amber	Green	Covid 19 will cause large delays to all programmes of work which have already been delayed due to legalising access to all sights. These projects will not be completed in the timeframes initially set out and there is no opportunity to bring them inline, so we have accepted this and asked for funding extensions. Waitangi Toilet will require Archaeological monitoring and there is potential for delays during the construction programme at this known historical site.

Monthly Summary:

- Haruru – Prefabricated Unit onsite and concrete car park and apron poured
- Waitangi – Tender Documents being drafted for approval – Open Tender on GETS, budget shortfall to address prior to Tendering
- Opononi – Change request completed, and toilet block is fully operational

Key Project Risks	Mitigation of Risk
Covid 19 Lockdown will lead to programme delays.	Accept & Monitor.
Waitangi Toilet - Budget	Budget shortfall may be able to be address with savings from other TIF Toilet builds
Waitangi Toilet – Schedule – Iwi Engagement	Accept delays, MBIE have granted programme extension until Dec 2021
Waitangi Toilet – Service Connections	Water & Power costs out of line with QS, further budget implications

Key Project Milestones	Expected	Status	Comment
Waitangi Toilet – Iwi Engagement	July 2020	Completed	Site Blessing Completed
Opononi Construction	October 2020/ Feb 2021	Met – Late Start (November) & finish (May 2021)	Construction Completed & CCC issued, Toilet Operational
Haruru – Prefab installation	May 2021	Tracking behind schedule, expectation is June for install and completion	Prefab toilet is now onsite and installed, should be operational in early August 2021

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$1,045,688 (combined)	*$732,400*	*$1,045,688 (combined)*

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

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Amber**	**Amber**	Physical Works contract for SP1 was awarded to Ventia and the Contract was signed on 03 June 2021. The project will be awarded in two Separable Portions. A settlement agreement was signed on 14 June 2021 with Elbury Holdings Limited whereby Elbury Holdings gave consent to the works being undertaken on their land in accordance with the new agreed route (with certain conditions attached to it). Memorandum of Agreements were signed by the Brereton's and Panthers for easements. Easement Agreements to be finalised with Elbury Holdings. Physical Works started by Ventia on 29 July 2021 and the Blessing for the works was conducted on Friday 30 July.
Scope	**Amber**	**Amber**	Scope will be amended to allow for new alignment of pipeline route and included as SP2.
Schedule	**Red**	**Red**	Delay in procurement and finalising of pipeline route have delayed the project completion date.
Cost	**Amber**	**Amber**	Current tender construction costs are within budget allowance but alternative routing and constructing the work in two separable portions have impacted the costs and the phasing might result in a decrease in spend this FY. Contingency for the budget to be increased.
Project Risk	**Amber**	**Amber**	Easement Agreement with Elbury Holdings. Winter works additional costs and delay of commissioning in time for a potential drought in 2022 remains the biggest risk. Lizard study can only be done in warmer months (starting September 2021) when lizard activity is better and capture for relocation can happen if required. Drilling activities and trenching in ground conditions.

Monthly Summary:

- Physical Works started with site establishment, staging area for the pipes, appointment of all the subcontractors, orders of the PE pipe, buffer tanks and the borehole pump.
- NRC approval was received for winter works.
- The Blessing for Kaitāia Water Project Pipeline Construction was conducted on Friday 30 July 2021 at Sweetwater Bore Site 1. It was attended by the IWI – Ngaitakoto and Ngāti Kahu (Te Rarawa made an apology), FNDC representatives, Elected Members, Landowners, the project team and the media.
- A draft report was submitted to council to seek additional funds to update the project contingency allowance to the original 15%.
- WSP has concluded the investigation, Geotechnical Report and the redesign of the new proposed route.
- A S127 Resource Consent application was submitted for the altering of the pipeline alignment and an outcome is expected early in August 2021.
- WSP is awaiting the Permit from the Department of Conservation to conduct the construction monitoring works in the wetland areas for possible relocation work of the lizards.
- A Temporary occupation agreement for NgaiTakoto was compiled by The Property Group and submitted to NgaiTakoto on 22 July 2021 for the Consent to utilise their boundary track for the purpose of access and pipe laydown and stringing for the construction of the new Kaitaia Water Pipeline.
- Negotiations have successfully concluded with all other landowners where property interests are required. Memorandum of Agreements with a Compensation Certificates were signed by the Brereton's and Panthers for easements.

Actions for the next month are:

- WSP to finalise detail design of the new route after feedback from landowners and Ventia have been received. Ventia to price redesign.
- Update of the costs and timeframes for SP2.
- Investigation on a requested pipeline flushing ability at the existing Kaitaia Water Treatment Plant.
- Ecologist inspection and construction monitoring required prior to start of construction. Subject to receival of permit. (First week of September)
- Construction Works
  - Borehole site power ducting, clearing and earthworks, road formation
  - Butt welding 315 pipe into strings
  - Service potholing locations
  - HDD installation of 315 pipe along Bonnett's and Gills Rds.
  - Electrical – procurement of containers and electrical equipment
  - Fabrication starts of steelworks and SS pipework
- Once the main works contract has commenced, engagement on Kauri Creek Dam will be re-established.

Key Project Risks	Mitigation of Risk
1. Easement's agreement with Elbury Holdings 2. Construction access agreement with Ngai Takoto land"	• Continued focus to project team to resolve with meetings with landowners. • Valuations of the land required for the easements to be done in August as per the agreement with the landowner. • Construction access agreements was sent to Ngai Takato and awaiting the signing of the agreement."

• Project Completion Date - Not in Time to complete for potential summer drought in 2022. Construction programme for SP1 is 8 months - estimated completion date end of April 2022. SP2 timelines to be adjusted after design completion.	• Fast-track scheduling and tracking long lead items • Allowance to be made for additional emergency supply costs should the pipeline not be ready and Kaitaia experience another drought.
• There is a risk of another lockdown during the construction programme	• Request contractor mitigation as part of procurement and pricing Schedule allowance for level changing and stand down
• Consent conditions like Wetland access approval by DOC which will delay construction period and cause EOT.	• WSP submitted a Site Management Plan and Permit application for Lizard Management. Still a critical path event and might delay construction programme.
• Cost Management: Change route over Elbury property and materials price increases due to current shortages • Easement and Property compensation costs - In between Landowner discussions • Technical assistance on design queries from WSP	• $3M allocated from 3 Waters Reform Budget - agreed to spent first • Design for SP2 was done by the end of July 2021 and Consent conditions were Peer reviewed. Awaiting review by Contractor and landowner of the revised design. • Elbury - Contractor to prepare SMP in advance, QMP. SHEQ Workshop required and quality controls • Agreement required with WSP and scheduled meeting dates.
• Property Access Management and Stakeholder Management - separate induction requirements and SMP required 3 weeks in advance over Elbury property	• Prepare media plan and key messaging • Traffic Management Plan • Site Management Plan to be prepared in advance • Emergency Response Plan • Proper induction from all staff, sub-contractors etc."

Key Project Milestones	**Expected**	**Status**	**Comment**
Written consent from Brereton and Panther within 30 days of signing of agreement	14 July 2021	Completed	
Blessing of Site	23/30 July 2021	Completed	Blessing took place on 30 July 2021
Alternative route design for separable portion	27 July 2021	Completed	Ventia and project team reviewing design. To be priced by Ventia
Physical Works to start	29 July 2021	Started	
HDD for SP1 to commence	06 August 2021	In Progress	
Trenching commences for SP1	11 October 2021	In Planning	
Practical completion	22 April 2021	Planned	Baseline Programme submitted by Ventia. Programme being reviewed by Project Team pending SP2 design and programme

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$14.1M	*$2,264,409*	*11,819,898*

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 completed, and we received a total of 282 signed off letters to date by end of July 2021 (From the 312 low pressure sewer connections and 16 gravity connections). All physical work was completed by end of July 2021. United Civil busy preparing handover documentation in order to get Practical Completion.
Scope	**Green**	**Green**	Completed
Schedule	**Green**	**Green**	Physical construction for plant is completed. Defects and Liability period until October 2021. Practical Completion Certificate for Reticulation work is outstanding.
Cost	**Amber**	**Amber**	Both contracts complete. Last claim for Reticulation work to be evaluated.
Project Risk	**Amber**	**Amber**	Official handover of Plant to Far North Waters was done. All defects and contract related issues have been resolved. Cost management the biggest Risk. Feedback from property owners an ongoing risk – system operational status and reinstatement to be satisfactory

Monthly Summary:

Plant - The plant is operational, and all documents were handed over to Far North Waters. Acceptance of the plant by FNW was signed on 1 June 2021. The plant monitoring by Mott MacDonald was completed by end of July 2021. The plant has been performing well and producing compliant effluent from a biological aspect. All Health and Safety and Operational issues are being actioned by FNW. FNW's to ensure plant continues to produce compliant effluent (recommendations and key steps to be followed).

Reticulation - The physical work on the reticulation project is completed and we have received a total of 282 signed off letters to date (From the 312 low pressure sewer connections and 16 gravity connections). 4 Gravity connections were not done as part of SP2 and were completed in July 2021. There are a few RFS's from property owners and United Civil is busy addressing them, like tidying up. Awaiting handover documents in order to issue the Practical Completion Certificate.

Key work completed during July 2021

Treatment Plant

Commissioning

- Ongoing testing and analyse of results; and
- Ongoing monitoring of the performance of the Treatment Plant by Mott MacDonald for a duration of six months until July 2021.

General

- Land and easement agreements.

<u>Reticulation</u>

Construction

- All 328 Properties connected. 282 signed off property letters received.
- As Builts - Surveyor full time on site; and
- Top soiling and finishing off and obtaining signed off sheets of remaining properties.

General

- Information sheet and invoicing to all landowners.
- Evaluation of variation orders by ETC; and
- Ongoing responding to queries from landowners and RFS's.

Key work for August 2021 on the Reticulation part is to finalise the Handover of project to FNW and supporting documentation is key and will hopefully be completed in August 2021.

Decommissioning of the existing treatment facility in Shepherd Road is scheduled for 2021 and planning will commence after funds are secured and committed. The existing Plant was shut down at the end of December 2020.

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

Key Project Milestones	Expected	Status	Comment
Practical Completion of Kerikeri WW reticulation and Close Out	31/08/21	Pending	First and second stage completed. SP3 started in December 2020 and will continue until August 2021. Working on handover documents.
Decommission existing Kerikeri WWTP	tbc	Pending	Budget to be confirmed.

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

Project Name: Monument Hill Deep Bore Project

Project Phase: Stage 2 Drilling - Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	The drilling of the production bore, and testing was performed to determine the sustainable yield of the bore, and the effects of pumping on the shallow aquifer and springs. A report was submitted by Williamson Water and Land Advisory (WWLA). WWLA completed the modelling and groundwater effects impact. Resource Consent application to be lodged with NRC in July 2021 after consent from Waikotihe Trust. Physical works, Stage 3, to be planned. Stage 1: Bore Design and Quality Testing (Complete) Stage 2: Sustainable Yield Assessment & Consenting to provide a sustainable supply of highly secure potable water for the Kaikohe community (In progress) Stage 3: Reticulation and Electrical Design
Scope	**Green**	**Green**	The physical works for stage 3 will entail installing a pump and laying a trenched pipe to connect to the Monument Hill Water Treatment Plant. Electrical upgrades at the water treatment plant and public infrastructure will be required. Scope to be planned.
Schedule	**Amber**	**Amber**	Stage 2 to be completed in September 2021. Stage 3 planning in process and timeline to be determined after feedback on Resource Consent applications. Stimulus Grant program scheduled completion by March 2022.
Cost	**Green**	**Green**	Project on budget.
Project Risk	**Amber**	**Amber**	Landowner agreements to be finalised. Sustainable yield delivery of around 350m3/day lower than expected. Impact of Bore on groundwater was presented to Waikotihe Trust and the have responded with queries/questions. Professional team to address queries and respond the Trust before planning to lodge consent application. Meeting scheduled for August 2021.

Monthly Summary:

Design

The bore was hydraulically tested and confirmed a sustainable flow rate around 4 L/s or 350 m3/day. Monitoring during the test pumping exercise did not indicate any shallow aquifer or spring flow effects. However, WWLA has developed a groundwater model to assess the long-term environmental effects of operation of the Monument Hill bore field on the surface water features, which comprises the two existing bores and the new deep bore. The environmental effects assessment was focused on the impacts to the nearest surface water features, with primary focus on the Waikotihe and Squires Springs, and the Punakatere Stream.

The groundwater modelling results suggest that the existing operation of the existing bores is having a moderate level of effect on these surface water features. However, the deep bore has a less direct effect on surface water features, and any effect is delayed if pumped intermittently due to its significant depth.

FNDC is considering different pathways with respect to moving the project forward and developing a consenting strategy encompassing the new and the existing bores. The Waikotihe Trust have always had concerns about the level of effect on the springs, and we assume that the existing level of effect is tolerable for whanau and the local community. In process to arrange a follow up meeting with the Waikotihe Trust to explain the modelling that was done, and if any further effect would be tolerated? The meeting will be scheduled for the middle of August.

General

- Meeting was held with Waikotihe Trust to present the results of the pump test in order to obtain the Trust consent to proceed with the project.
- Follow up meeting is scheduled for August 2021 to address queries and questions raised.

Key activities planned for August 2021:

Design

- WWLA to submit modelling and groundwater effects impact report and lodge the resource consent application with NRC.
- Procurement Plan and design to start for stage 3.

General

- Agreement with Landowner to be managed by FNDC legal team; and

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

Key Project Risks	Mitigation of Risk
Consent from Waikotihe Trust to proceed with Consent application and permanent works - Impact of Bore on groundwater might restrict project.	Waikotihe Trust relationship to be monitored. Meeting to be held in August to discuss numerical modelling results
Land agreements to be finalised	George Swanepoel met with Landowner in July. Conditions and expectations from Landowner are being assessed by FNDC.
Water Quantity	The sustainable yield from new bore determined to be around 350m3/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	Possible amendment to existing Water Treatment Plan and electrical requirements to new setup remains a cost and timing risk.

Delay for Resource Consent outcome and complete project before summer 2022	Detailed programme to be compiled. Awaiting Waikotihe consent before we can apply. Budget availability from 3 Water Resilience programme

Key Project Milestones	**Expected**	**Status**	**Comment**
WWLA to complete the modelling and groundwater effects impact and compile and lodge the resource consent application with NRC	End of July 2021	Completed	Results to be discussed with FNDC and Waikotihe Trust.
Presenting of test results to Waikotihe Trust	End of August 2021	Pending	FNDC considering options and way forward.
Resource Consent outcome	8 to 12 weeks (Expected end of November 2021)	Awaiting outcome of Stage 2 testing	On the assumption that it will be a non-Notified application. Delayed by four months
Further milestones to be determined after outcome of Resource Consent decision			

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$1 180 000	*$270 000.00*	*$1 180 000*

Project Name: Paihia WWTP Upgrade - Alkalinity Adjustment Project

Project Phase: Planning and Design – Chemical Dosing

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Chemical dosing requirements have been confirmed, project is in planning and design phase. The Project is unable to move forward until a site survey can confirm constructability
Scope	**Green**	**Green**	WSP have been engaged to carry out the design and technical specification
Schedule	**Amber**	**Green**	A design scope has now been confirmed with new milestones established identified below Completion date is estimated and will be confirmed on completion of detailed design
Cost	**Green**	**Green**	Project is currently within budget, cost benefit analysis completed
Project Risk	**Amber**	**Amber**	HAZOP has identified site restriction issues that will need to be resolved.

Monthly Summary:

WSP have complete site inspection of Haruru Major Pump Station and has commenced with the site survey and geotechnical review. A whole of life cost assessment has been completed with a cost benefit analysis. The results are with management to confirm direction.

Accomplishments:	**Expected Accomplishments:**
• Site Inspection Completed • Site Survey Commenced • Whole of life cost assessment completed	• Site Survey Completed • Geotechnical review completed. • Decision on direction as a result of cost-benefit analysis

Key Project Risks	**Mitigation of Risk**
Breach of consent conditions because of the low alkalinity	Continue manual hand dosing Sodium Bicarbonate in the pond
Unable to use current sites	Actively look for suitable site (Kaipatiki Depot in review)
Land Stakeholder Engagement and Approval (Tangata Whenua).	Continuous engagement and involvement
Change Management.	Maintain weekly reporting and filing system.

Key Project Milestones	**Expected**	**Status**	**Comment**
Engage Design Consultant	25-Mar-21	Late	Issued 1-Apr-21
Resolve Site Restriction Issues	15 July 21	Underway	Site Survey, Geotech Review, confirm available area.
Design Completion	5 Aug 21	Underway	Currently 60% Complete
Supply Procurement Completed	2 Sept 21	Ongoing	Supply of Dosing Units, date to be confirmed on completion of detailed design.
Installation Procurement Completed	26 Aug 21	Ongoing	Installation of Dosing Units, date to be confirmed on completion of detailed design.
Practical Completion	17 Dec 21	Ongoing	Date to be confirmed following detailed design.

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$768,510.00	$278,116.10	$721,563.35

Project Name: Opononi New Water Source - Smoothy Road Bore

Project ID: 571008

Project Phase: Pre-Implementation of Stage 2

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

Monthly Summary:

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

The lawyer is in process to finalise the form of the easement in favour of council and will have them signed by the landowner and Council.

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
Formal acquisition by Gazettal process	30/08/21	In progress	Submitted, awaiting approval

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

Project Name: BOI Sports Complex

Project Phase: Concept Stage

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

Monthly Summary:

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

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

The architect, landscape architect, Haigh Workman, NZTMS, S&T Lighting, and Commute Transport Engineers are finalising their reports and drawings to submit with the Resource Consent.

The final Noise Assessment Report and Ecologist Report have been received.

Aiming to submit the Resource Consent application early September.

Community engagement (drop-in sessions) were undertaken on the 22 and 24 July.

The team met with Waka Kotahi on 30 July and a further meeting is planned for 16 August to discuss access to / from SH10.

Key work completed in the month of June 2021:

- Acceptance of the new revised concept layout.
- Receipt of the draft Architectural concept design and agreement from the working group.
- Receipt of the draft landscape concept.
- Receipt of the draft lighting report and drawings.
- Undertook surveying of spectators and vehicle occupancy at Saturday football game.

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

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Resource Consent	Jun 2021 – Nov 2021	Planning	Pre-app meeting held. S92 items identified. RC will be notified consent

Concept Design	Jan 2021	Completed	
Developed Design	Jul – Aug 2021		
Detailed Design	Jul – Oct 2021		
Building Consent	Nov 2021		BC application can only be submitted once RC has been approved
Procurement	Nov 2021		
Construction	Dec 2021		

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$11M	*$5M – Land acquisition* *$0.03M - Design fees*	*$11M*

Project Name: Kerikeri Domain Revitalisation

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Project has moved into construction documentation for all areas. Demolition, Basketball court and skatepark moving into construction
Scope	**Green**	**Green**	Scope has been agreed by key stakeholder groups and has been developed into a concept layout plan that speaks back to the master plan for the reserve. The various elements identified in the concept layout design will then be designed and executed.
Schedule	**Amber**	**Amber**	**Site Fencing** Awarded to local contractor Darrel Robb Contractors. Site fencing around ramps only to commence 11th August with full site fencing commencing the following week **Skate Ramp Decommissioning** Awarded to local contractor Construct Northland. Decommissioning to commence Thursday 12th – Saturday 14th August weather permitting. Dave Crab to meet contractor onsite for briefing. Price being obtain for removal off site and storage **Blessing** Project team have inquired with Ngāti Rēhia and CE's office on a date to acknowledge kick-off of works Monday onsite. Suggestion to keep blessing low key as there will be other milestones throughout that we will also need to acknowledge (as mentioned by Kipa). Monday 16th August from 7am. **Demolition** Demolition contract awarded to local contractor TarMac. Prestart site walk taken place on Monday the 9th August. Site establishment to commence once RC approved **Skatepark Construction** Circle D Construction (Dave Crabb) awarded contract to start Mid-September **Basketball** Local Contractor Buildflex to start construction Early October **Playground** PLAYCO refining design to working party comment and site constraints. Updated concept to be provided to working party as soon as possible. **Park path and softscape** Christine Hawthorne Landscape DRAFT drawings received. Currently being reviewed for amendment and final issue **BBQ areas** Stellar in direct contact with Urban Effects for supply. Urban effects supplying northland BBQ contracts so consistency in product selection **Fitness Equipment** PLAYCO to provide options to the Working Party Group with final playground layout **Finalised Overall Landscape plan** Christine Hawthorne's work received late due to illness. Combined landscape plan to be created before next working party meeting **Lighting** Draft lighting package received and reviewed. Extra light pole to bowling car park introduced as requested. Awaiting final drawings
Cost	**Green**	**Amber**	The Project is currently being priced by contractors with a range of prices being supplied. Currently negotiations are underway with contractors and a QS has been engaged to assist in pricing.
Project Risk	**Amber**	**Amber**	• Resource Consent processing time. Sign off times of conditions. • Wintertime earthworks • 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.

Monthly Summary:

Resource consent in final stages of approval.

Procurement of Site Fencing completed.

Procurement of the demolition of the existing Basketball Court and skatepark completed. Site walk undertaken.

Procurement of the contractor for Basketball Court and Skatepark completed.

Playground tender has been completed and tender awarded. Playco refining concept to comment.

Christine Hawthorne issued final landscaping and perimeter pathway documentation. Currently being reviewed.	
Key Project Risks	**Mitigation of Risk**
Resource Consent processing times	Draft conditions agreed to. Maintaining good communication with FNDC to get signoff
Market capacity to deliver	Procurement planning
Community Engagement - Community buy in is KEY, the community might argue they didn't want it in the first place	Agreement of a Working Group to steer matters
Downstream Impact – Ongoing future operation costs	Value Engineering during design
Supply Chain – getting services and materials needed	Early procurement

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Community Scoping	Aug- Jan 2021	Completed	Workshop held
Developed Design	Feb - Apr 2021	Completed	
Detailed Design	May – Aug 2021	90% Completed	
Procurement	Jan-Aug 2021	Ongoing	
Construction	Aug-Dec 2021	Site establishment underway	Awaiting Resource Consent

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$ 3M	*$ 0.02M - Design fees*	*$ 3M*

Project Name: Freese Park Coastal Erosion – Design and Consenting

Project Phase: Options Assessment

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Consultation collateral design and content is underway, and the Engagement Plan has been finalised with the FNDC Engagement team. A detailed action plan has been agreed - initial engagement with iwi and hapu partners to occur first.
Scope	**Green**	**Green**	No changes in scope
Schedule	**Amber**	**Amber**	Delay due to set up of initial hui with hapu
Cost	**Green**	**Green**	No impact on project costs to-date
Project Risk	**Green**	**Green**	As per below

Monthly Summary:

The project team have met with FNDC Engagement to identify roles to support implementation of the agreed engagement approach. The collateral and content to support initial discussions with iwi and stakeholders is underway.

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

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

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$199,404	*$97,677*	*$199,404*

TOURISM INFRASTRUCTURE FUND

August 2019 Applications:

Project		Status	Notes
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)	Approved with Funding Agreement	Completed subject to issuing of Code of Compliance.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	The new extension block has been completed. A local supplier has submitted a comprehensive and well-priced proposal to complete the conversion of the old block. Contractor has been engaged to complete the works.
2	Pungaere Road Seal Extension	Completed	Project complete with the exception of some minor follow-ups. Final report underway to close off MBIE project.
3	Cable Bay Carparks	Approved with Funding Agreement	Detailed design is underway. Procurement process started for physical works contractor.
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	Weather has delayed start due to soft ground conditions. (For EWP Truck)
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Final report drafting is under final formatting and peer review.
8	District Boat Ramp Operational Plan Study Grant	Completed	Completed

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

April 2021 TIF Applications: ***<u>All applications have been successful and are awaiting Funding Agreements.</u>***

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

NEW CONNECTIONS AND FNDC CONSENT REVIEW

Activity		July 2021	YTD '22	YTD '21	
Applications for new Water and Wastewater connections		16	16	7	16 requests to connect to Council water and wastewater services were received in July 2021. Year to date Council has received 16 applications (compared to 7 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	56	56	57	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	121	121	144	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)

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

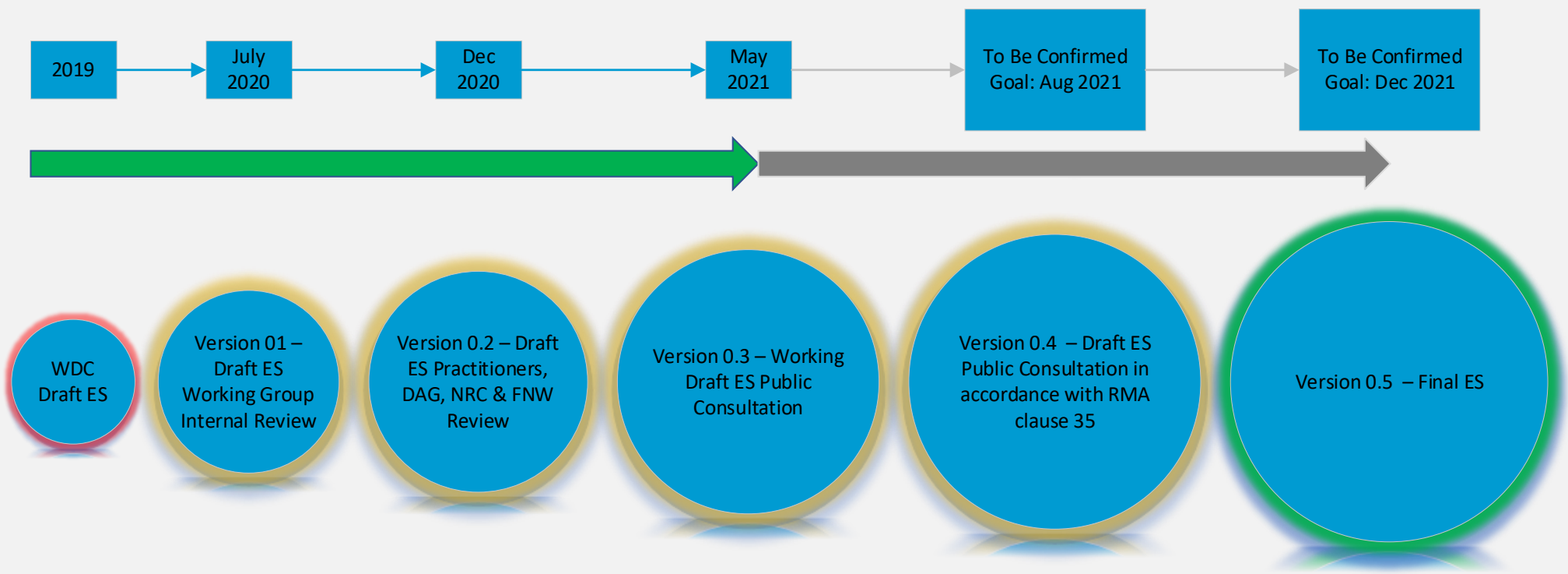


Figure 1 Key Milestone Flowchart

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:

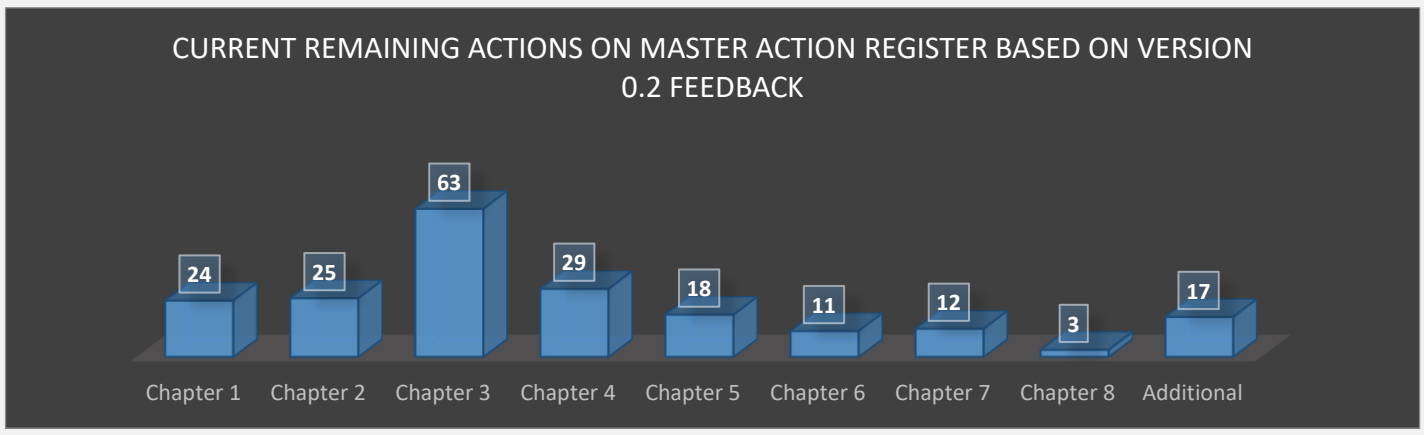
The Engineering Standards will be incorporated by reference in the proposed district plan. Making available a working draft allows for ongoing exchanges and refinement designed to maximise the integration of the technical document with the new district plan provisions.

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 Aug 2021	Issue 0.4	Draft ES – May 2021 version is produced. The Draft ES will be sent out for public consultation in accordance with the provisions of Clause 35 of Schedule 1 of the Resource Management Act 1991. Review period to be confirmed.
To be confirmed. Goal Aug 2021	Issue 0.5	Final FNDC ES

ES SCOPE OF WORK

Remaining Actions



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

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

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

PROGRAMME DARWIN

To lead best practice enterprise asset management in New Zealand.

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

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

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

EXECUTIVE SUMMARY

Program Darwin continues to progress and is on track to gain momentum within the 3rd quarter as a number of key vacancies are set to be filled. The SoW 1b submitted by the Technology workstream was approved and the delivery plan will be finalised for Phase 1 as the vendor has provided a final schedule. Data cleansing is continuing and the results from the analysis into the optimality of the process will be presented to the PSG in August. Two workstream lead positions remain vacant.

Far North District Council
Te Kaunihera o Tai Tokerau ki te Raki

HE ARA TĀMATA
CREATING GREAT PLACES
Supporting our people

Programme Darwin Status Report

Programme Details

Reporting Period	July 2021	**Report Date**	03 August 2021
Programme Sponsor	Andy Finch (GM – IAM)	**Programme Manager - EAM**	Chris Grobler

Programme Vision & Mission

Vision: Leading best practice enterprise asset management in NZ

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

Status Indicators

Overall	→	The status of the programme has remained stable over the reporting period. An updated Delivery Roadmap for the AMS Project is in the process of been drafted on the back of the configuration schedule that is being developed by INFOR. The data cleansing and migration processes is progressing at a consistent cadence. Subject to the feedback from INFOR, a timeline for the delivery of Phase 1 has been set for Q4-2022; the validity of the duration will be statistically tested. A business case for funding the Process and Stakeholder workstream leads will be submitted to the SLT in August.
Benefits		No change; remains the basis of performance framework for 2022 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		A budget of $316,350 was made available to the Asset Management System Project within Programme Darwin to cover Project related Capex expenses. The current forecasted spent remains within the budgeted sum. A business case for the approval of funds to resource the Process and Stakeholder workstreams will be submitted to the SLT.
Roadmap		Revised timelines, deliverables and expectations detailed in the November 2020 update to Elected Members are being reviewed. Better evidence for the velocity, at which data cleansing is being performed, has been gathered. An updated Roadmap will be developed once feedback is received from INFOR on their rollout schedule for Phase 1b and the probability of completing the data cleansing and migration work within the specified duration is calculated.
Risk		A number of variables relating to resourcing and the rate of delivery contribute to the volatility in the programme. Also, the proposed Three Waters Reform Programme is creating uncertainty within the delivery team.

State of Play

Last Month

Programme: Workshop to gauge gaps in scope within the workstreams other than the AMS Project.

Residual risk scores and treatments added to risk register.

Workstream

- **Technology:** Commenced with execution on the revised SoW to ensure organizational expectations are met once Phase 1 is delivered.
- **Process:** Asset condition assessments continued.
- **Transformation:** N/A.
- **Stakeholders:** Continued ad hoc engagements with partners.

Next Month(s)

Programme: Follow-up workshop for AMS Project Team (plus related IAM staff), and Watercare to share knowledge and learn from each other's experiences on implementing the IPS Suite.

Risks related to Darwin to be finalised on IAM risks register. One risk to be escalated to ARF Committee.

Workstream

- **Technology:** Continue with execution on the revised SoW to ensure organizational expectations are met once Phase 1 is delivered.
- **Process:** Drive process to secure funding for the appointment of a Workstream Lead. Asset condition assessments to continue and accelerate.
- **Transformation:** Change management plan to be developed for Programme.
- **Stakeholders:** Drive process to secure funding for the appointment of a Workstream Lead. Continue ad hoc engagement with data supply chain partners on Darwin journey.

Programme Workstreams

Name	Type	Status	Programme Comment
TECHNOLOGY: Integrated Asset Management System (IPS Suite)	Project		Full operational use of IPS Suite will only be possible once all the data loads have been migrated (mid-2022), and the system has been configured (towards the end of 2023). The status reflects the anticipated updated schedule from the AMS project based on the revised timelines from INFOR. The team continues to experience delays within the data cleaning process due to urgent BAU tasks. The status of the project is expected to move to Green within the next quarter.

← Programme Workstreams

Name	Type	Status	Programme Comment
PROCESS: Asset Life Cycle, Processes, Condition Assessments, Data & Analytics	Operational		Process initiated to secure funding that will allow for the recruitment of a Workstream Lead. The delivery of the pilot LAMP has been moved out with 18 months to December 2023. 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. WinCan is positioned to be adopted as the preferred solution to address these requirements for SS and WW.
TRANSFORMATION: Roles & Responsibilities, People & Culture Change Management	Improvement		Initial survey completed (FieldForce4). Original transformational plan will not be pursued as Tony McCartney (PraCxus) has stepped away from the programme. A new plan to be developed by Helen Ronaldson and Alison Carnaby. Andy Dowdle was appointed to the programme to caretake the change management effort.
STAKEHOLDERS: Upwards, Downwards, Outwards & Sideways	Improvement		Process initiated to secure funding that will allow for the recruitment of a Workstream Lead. 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 Workstream Lead.
Define Stage completed	31/12/2022	Continues		Operational demands on project resources along with discovered issues relating to data quality, data mapping and data access have delayed progress until the availability of condition data and the working system environment is resolved. Also, the deliverables for the Process and Transformation workstreams have not been scoped. The expertise of a Business Analyst will be required to provide a high-level estimate of the quantum of work and execution effort that will be required to deliver on the scope of work for particularly the Process and Transformation streams.
Execute Stage completed	30/12/2023	Continues		Delivery date extended to reflect the adaptation necessary once the Process and Transformation teams come online.
Product Review Stage completed	Beyond 2023	Continues		Project & workstream delivery will be staggered over 2022-2023 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 staff 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 workstreams lead roles) may lead to an adjusted risk profile.	Possible	Major	Deteriorating	The SLT was made aware of this risk and assistance requested to resolve the same.	PrgM – EAM	Jul 2021
14	Investigation into budget management have identified some potential issues with coding of time.	Probable	Significant	Improving	Changes to budget allocation have been mostly resolved.	PrgM – EAM	Jul 2021
15	Three waters reform investigations/ negotiations impact both progress and team willingness to advance program.	Possible	Major	Stable	Programme leadership commitment and organisational information governance committee oversight.	PrgM – EAM	Jul 2021

← Programme Financials

	Approved Budget	Spend to Date	Forecast Cost to Complete	Commentary
Capex				Darwin does not currently have a formal budget. Costs appear to reflect against the budgets allocated to respective projects. $316,350 was made available to Darwin to cover Capex related expenses within the AMS Project.
Opex				Budget required to fund two workstream lead positions.
Totals				-

INFRASTRUCTURE PLANNING

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

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

EXECUTIVE SUMMARY

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

- Staff are preparing resource consent renewals for the Kaitaia and Kaikohe Wastewater Treatment Plants, with a lodgement date of 31 August 2021.
- Staff are developing a Process and Engagement Plan that seeks to identify preferred wastewater disposal to land sites for each of the communities of Kaikohe and Kaitaia, for which preliminary design can be undertaken, as per a resolution from the May 5th Infrastructure Committee Meeting.
- Staff are working with the Kaitaia Golf Club and Te Rūnanga o Te Rarawa, and supported by technical experts, to progress investigations into the feasibility of irrigating land at the Golf Club with treated wastewater from the Ahipara WWTP.
- Staff from the Infrastructure Planning team continue to work with Strategic Planning and Policy team on key pieces of work including:
  - Parking policy and bylaw
  - Water supply bylaw review
- Staff are underway with a project to review the current wastewater and water supply service areas, which will support future planned work programme intended to improve the way FNDC manages its service areas, including the preparation of a connections policy, and best practice method for demarcating the service areas.

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Transport

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
District Transport Strategy		•	•	•		FY19/20	The Integrated Transport Strategy document is complete and preparations are now underway to hand over to NTA to implement the Integrated Transport Plan recommended programme of projects and activities. The team will maintain a Programme Management role to ensure that benefits are being realised controlled and reported to council and Waka Kotahi New Zealand Transport Agency. Meetings and discussions on programme funding subsidy are continuing with Waka Kotahi. An announcement on award of subsidy is expected in October 2021The Integrated Transport Strategy document is complete and preparations are now underway to implement the Integrated Transport Plan recommended programme of projects and activities. Meetings and discussions on programme funding subsidy are continuing with Waka Kotahi New Zealand Transport Agency.
Sludge Strategy – End Use		•	•			Ongoing	Making good use of the sludge as a resource is a challenge. The 2018 Sludge Strategy identified a number of potential options for end use, including identification of a preferred end use (quarry rehabilitation), however initial development of this option identified a number of potential hurdles. Staff are reviewing end use options with the intention of determining a preferred option. Further work, in terms of implementing the preferred overall sludge management approach (the centralised strategy option) is required to facilitate the current review of the end use options outlined in the sludge strategy.
Paihia Network Model Upgrades		•	•	•		Mid 2021	Both the WS and WW model rebuild and analysis projects are nearing completion. Final WS and WW System Performance Reports are expected to be issued in August, these reports will set out recommendations to improve existing aspects of each network, followed by recommended network upgrade options. Both consultants are intended to provide a presentation to relevant FNDC staff of the model and the improvements and options recommendations, and hand over the completed models to FNDC. The project completion date for the external funding by MBIE is 31 August 2021, final costs will be invoiced in August, however the presentations to FNDC staff may occur in September, to fit in with planned site visits to other networks that our consultants are working on.
Balance of WW and WS Model Upgrades		•	•	•		Ongoing	FNDC has secured DIA funding via the 3W Reform to update as many of our WS and WW models as we are able to, within the funding timeframe available, to 31 March 2022. Each model update project is staged as follows: Stage 1 Data Review and Gaps Analysis; Stage 2 Data Acquisition; Stage 3 Model Build/Update and Calibration; and Stage 4 Model Analysis. Purchase orders have been issued to three separate consultants, each with seven networks to undertake Stage 1 data review and gaps analysis of. Kick off meetings were held with each of the consultants in July, and data review is largely complete. Consultants identified data gaps that require additional survey, and also produced flow monitoring plans for each network. At this stage cost restraints mean that only priority networks will have flow gauging and site surveys completed (scheduled to commence in August). A kick-off meeting for these projects is planned for early July and Stage 1 projects are targeted for completion by 20 August. The outputs of Stage 1 will be used to inform the RFQ's to be issued later this year for Stage 2 and 3 of each model update project.
Water and Wastewater Demand Forecasting		•	•	•		Mid 2021	The Consultants engaged to develop the methodologies implemented them on the pilot community of Paihia, and staff are now scheduling implementation of the balance of the schemes, as time permits. Peer review of implementation is expected to be obtained for at least one WS and WW scheme.
Wastewater Disposal to Land Investigations		•	•	•		Ongoing	Policy D.4.3 of the Proposed Regional Plan for Northland sets out that a resource consent application to discharge municipal wastewater to water will generally not be granted unless a disposal to land option has been considered and found not to be economically or practicably viable. FNDC staff developed a desktop method to assess and identify sites potentially suitable for wastewater disposal to land (WWDTL). The desktop analysis indicated that WWDTL is potentially feasible for the communities of Kaitaia and Kaikohe. Staff developed Engagement Plans for Kaitaia and Kaikohe, to engage with landowners and mana whenua on the project of identifying a preferred site for each community and undertaking site investigations and preliminary design for each preferred site. The Engagement plans are not yet finalised, however some early introductory mana whenua engagement has been scheduled for August. Staff continue to participate in stakeholder engagement planning for the Hihi community project. Staff have also largely completed a desktop analysis of land surrounding the Kaeo WWTP, for the purpose of identifying land that may be suitable for land-based disposal of treated wastewater from the Kaeo WWTP.
Ahipara Wastewater Disposal to Golf Course Investigations		•				Ongoing	In July Beca undertook soil sampling site investigations on four locations at the Kaitaia Golf Club course, to determine whether land-based disposal of treated wastewater from the Ahipara WWTP to the golf course would be possible. Results of those site investigations are due in late August. Initial engagement with local marae representatives was initiated in July, however the general response was a preference for formal engagement with relevant mana whenua to be arranged once the site investigation results are able to be discussed.

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Transport

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Parking Policy and Bylaw		•	•			June 2022	Work continues on the Parking Policy and Bylaw to ensure that the June 2022 deadline for implementation of the bylaw is met. The Project and Engagement Plan has been approved and meetings will now be scheduled with internal and external stakeholders to discuss the Parking Policy. The schedules are now substantially complete following site audit and the draft bylaw and consultation document has been completed for approval to consult by Strategy and Policy Committee 7 September. GIS work is also substantially complete. The Policy which will guide the development of the Strategic Implementation Plan will require significant engagement and public consultation beyond the bylaw deadline. It is therefore likely that updates of the new bylaw will be required following adoption of the Policy, Strategic Implementation Plan and any Area Parking Management Plans
Wastewater and Water Supply Service Areas Review		•					FNDC have commenced a project to review how the water supply (WS) and wastewater (WW) service areas are currently managed in the Far North District. In July Beca provided staff with a draft review of FNDC's management of its WS and WW service areas, and how connection applications are managed. The next stage of this project is to investigate options to improve management of the service areas. Beca are engaged to support staff in the options investigation stage which is scheduled to occur in August and September. Future stages of this project are expected to include development of best practice methodologies for demarcating service areas and development of a connections policy.
Consent Applications/Authorisations							
Kaikohe WWTP Renewal		•				August 2021	The Kaikohe wastewater treatment plant (WWTP) services the urban areas of Kaikohe and Ngawha. The existing resource consent authorises the discharge of treated wastewater into the Wairoro Stream. The existing consent expires 30 November 2021. The technical work to support the application to continue the discharge to water has been completed. Lodgement of the application will be in mid-August. Staff are continue to engage with Tangata Whenua on this project alongside the discharge of wastewater to land project.
Puketotara Stream water take consent renewal		•	•			August 2021	Staff are working with ecologists to respond to the small information request before the resource consent can be granted. The replacement resource consent will allow for more flexibility in when water can be taken from the stream and allow for greater resilience for water supplies.
Kaitaia WWTP Renewal		•				August 2021	The technical work to support the application has been received and is available on the new WWTP webpage for Kaitaia, this includes a completed CIA from Te Runanga o Te Rarawa. Oturu Marae are currently completing a Cultural Impact Assessment

Activity	Comment
Collaboration and Engagement	
Strategic Planning and Policy Development	The Infrastructure Planning team are working closely with the Strategic Planning and Policy development team on a number of projects requiring cross team collaboration. These include development of a district spatial plan, delivery of a Parking Policy and Bylaw, a new Road Use Bylaw and joint review and update of all transport related policies. It is expected that this review will then focus on all other Infrastructure related policies.
District Planning	The Infrastructure Planning team are working closely with the District Planning team on review of the District Plan in a joint effort to ensure that it effectively implements the Integrated Transport Strategy, Plan and Engineering Standards requirements. Additionally, it is necessary to ensure that upcoming regulatory changes specifically relating to transport infrastructure and land use are adequately reflected.
Disability Action Group	The team remain actively engaged with the Disability Action Group. Recent activity includes confirming to the group that their engagement in the Integrated Transport Strategy has led to the inclusion of several projects and activities in the transport programme which will address the lack of facilities and services for people with disabilities. For example, we are working closely with NRC to expand the Total Mobility scheme into the Far North. Our engagement with the group is providing valuable insight into matters that need to be included in the new Engineering Standards.
Regional Council	The Transport team are active members in the Regional Land Transport Plan working group with a key objective to ensure that the Far North Transport Strategy and Programme are fully incorporated and fairly represented alongside our neighbouring Districts in the RLTP. We were part of the team that road showed and promoted public interest in the RLTP around the region in March. Deliberations on feedback were considered by the Regional Transport Committee in May and have now been incorporated in the final RLTP. The decision on distribution of National Land Transport Funds to regions and districts is now eagerly awaited.
Water Supply Bylaw	FNDC's current Water Supply Bylaw is due to be revoked on 16 October 2021; SPP staff, with support from IAM staff, continue to work on revising the content of this necessary bylaw, including seeking input from relevant internal users of the current bylaw. Key content of the revised bylaw will enable FNDC to implement water restrictions on water supply schemes, in preparation for or times of drought.

Activity	Comment
On-site water storage options paper	On-site water storage has been suggested as a possible solution to improve the resilience of the district's water supply schemes. SPP staff, with support from IAM staff, drafted a briefing paper for the Strategy and Policy Committee meeting held on 09 February, which set out relevant work undertaken by FNDC regarding on-site water storage, and summarised the current stance of other local councils regarding the potential for on-site water storage to improve water supply resilience. This briefing paper is intended to be followed up later in 2021 with a workshop with Elected Members, and an in-depth report that analyses the problem of water supply resilience and will include consideration of on-site water storage, along with other options, to improve resilience of FNDC's water supply schemes. IAM staff support will be integral to the drafting of the follow-up report, with the completion of work streams described above, such as the demand forecasting work, required to inform the in-depth report on water supply resilience. Due to work prioritisation within the SPP team, it is understood that this work is not currently being progressed by SPP.
Web platforms for WWTPs and associated projects	Alongside SPP's engagement team, webpages are being developed for each WWTP. The webpages will include an explanation of the type of treatment that occurs at each WWTP and any associated projects, for example consent renewal projects and treatment upgrades.

INFRASTRUCTURE COMPLIANCE

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

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

EXECUTIVE SUMMARY

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

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

The primary goal of the Compliance function within 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

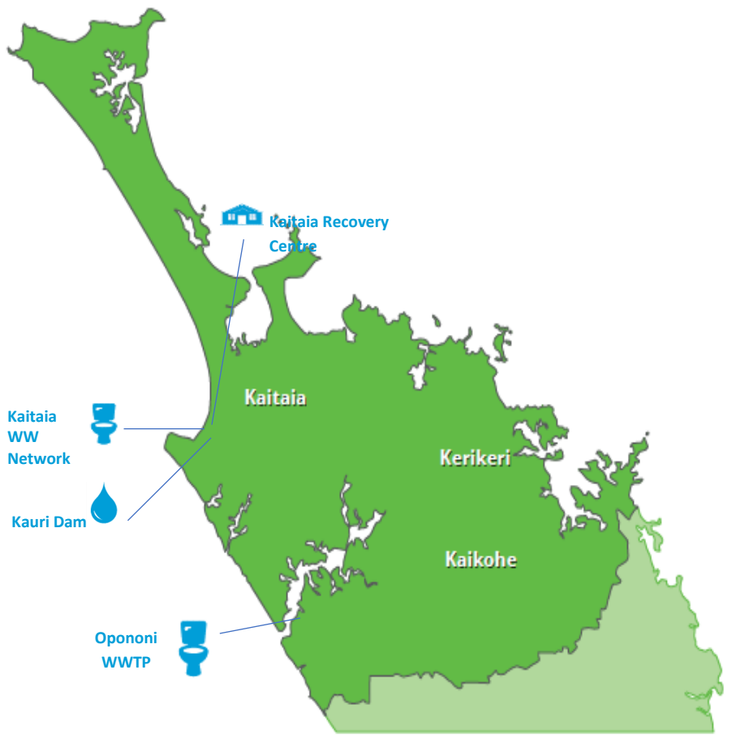
This project is ready to commence the final phase of the delivery with the proposal from Jacobs NZ Ltd being accepted and the resultant Procurement Plan approved by the Tender Panel. Earlier deliverables from Jacobs will be fully reviewed during August so they can be used as the base of the work moving forward once all approvals are received for this next phase based on the schematic and timeline shared last month.

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

There has been no further change to information received about Taumata Arowai's proposed compliance rule this month.

Summary of Abatement Notices

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

Location	Asset	Asset Type	Non-Compliance	Action Underway
	Kaitaia Recovery Centre		• The abatement notice issued Nov 2018 • Stormwater runoff from bins at site may contaminate waterway	The Interceptor / oil separator has been installed. A meeting has been arranged with the Infrastructure Compliance Lead and the Northern Monitoring Officer to arrange an inspection of the separator.
	Opononi WWTP		• The abatement notice was issued in Apr 2016 due to the plant evidencing non-compliance with the E. coli limits.	The preferred upgrade strategy which derived from the 'Issues and Options' report was: chemically assisted solids removal, UV disinfection, with an external ammonia removal package, including the maintenance of harbour discharge. This upgrade strategy has supported the resource consent renewal application and has been put forward in the Long-Term Plan.
	Kaitaia WW Network		• The abatement notice was issued in April 2016 due to unconsented network overflows • Unconsented network overflows	Screens have been installed at the overflow location and programme of work is underway to reduce frequency of overflows. An Action Plan has been created to prioritise the creation of a Leak Detection Plan as a result of the planned zonal monitoring.
	Kauri Dam		• The abatement notice was issued in July 2021 due to only one meter being used to measure water taken from both the Okahu stream and Kauri Dam	FNW are installing a second meter prior to the required date of 19 August 2021. This will make us compliant with condition 4 of the water take consent.

WATER AND WASTEWATER RMA COMPLIANCE REPORT – JULY 2021

Sites	Compliant	Detail	Comment
Kaitaia	●	Compliant	
Kaikohe	●	Compliant	
Kawakawa	●	Compliant	
Kerikeri	●	Compliant	
Okaihau	●	Compliant	
Opononi	●	Compliant	
Paihia	●	Compliant	
Rawene	●	Compliant	
Russell	●	Compliant	
Ahipara	●	Condition 10 - Faecal Coliforms Condition 2 -Leachate	• Council is investigating land disposal options at Ahipara. The leachate flows from Ahipara Landfill needs to be investigated.
Hihi	●	Compliant	• The project to upgrade plant is in its initiation phase.
Kaeo	●	Compliant	
Kaikohe	●	Ammonia	• The replacement resource consent application is in progress. Jacobs consultants have provided recommendations to achieve compliance.
Kaitaia	●	Compliant	• DWF Status: Compliant
Kawakawa	●	Compliant	
Kerikeri	●	Compliant	• DWF Status: Compliant
Kohukohu	●	Compliant	• DWF Status: Compliant
Opononi	●	Condition 19 - TAN, E.Coli.	• An issues and options report has been commissioned by FNW Process Engineer and wetland maintenance recommendations have been sent to NRC. • Wetland maintenance was carried out. Wetland cells that had been bypassed were reconnected. Waiting to see if this resolves water quality issue. • DWF Status: Compliant
Paihia	●	Condition 9 - NH4-N Condition 13 - pH	• A performance and report and long-term solution proposal has been finalised which has now been sent to Far North District Council Asset Management and Project Delivery for approval which is still underway. • DWF Status: Compliant
Rawene	●	Compliant	• DWF Status: Compliant
Rangiputa	●	Compliant	• DWF Status: Compliant
Russell	●	Condition 9 – infiltration efficiency report Condition 8 – land instability	• PDP has started work on infiltration and land instability reports. • Asset managers have scheduled improvements to the inlet screen, pond liner, UV unit and bores. • Pump station leaks at Hope Street are being investigated.
Taipa	●	Condition 2	• Resource Consent issued on 8 March • DWF Status: Compliant
Whatuwhiwhi	●	Condition 8 – TSS	• To assist in the mitigation of TSS (algae biomass), FNW and FNDC are in discussions with regards to prioritising desludging. • DWF Status: Compliant

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

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

July has seen the start of the new FY21/22 financial year and with that, renewed energy and focus.

A large focus of work throughout July has been completion of scopes of work for the capital delivery programme of FY21/22.

Asset management is integral to strategic, operational and financial planning. It links together Far North District Council's (FNDC) objectives with the levels of service needed to deliver them, the work required on the assets to sustain those levels of service, and the finances needed to support that work.

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.

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

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
Combined Asset Management Plan (3 Waters and District Facilities)	All	•	•	•	•	FY21/22	As part of the Long-Term Plan (LTP) process, a combined draft Asset Management Plan for 3 Waters and District Facilities was prepared and provided to Audit ***(this is required for audit purposes only)***. Final audit sign-off is expected at the end of August 2021 and is currently in use across the Asset Management teams.
Annual Plan (AP)	All	•				FY21/22	Contribute to Annual Plan as required.
Stormwater Strategy		•	•	•		FY21/22	A draft strategy is complete with our first planned 'internal' workshop held on 29 July 2021. A 2nd workshop is planned for 23 August to work through identified issues and we as well as have the current draft report independently peer reviewed. Following this, the direction will be set for what is required / next steps going forward.
Asset Identification / Condition Assessments							
Prioritised Scheduled Asset Condition Assessments	All	•	•	•		FY21/31	As part of the LTP (adopted 24 June 2021), a budget of $1.6m for FY21 to FY23 has been approved. A Project lead for the Asset Condition and data capture Programme has been appointed. Proposed packages of work and the related timeline for this programme are currently being developed.
Other							
Asset Management System	All	•	•	•		FY21/23	Full operational use of INFOR ('Go Live') is now expected for January 2022 ***(please refer to Programme Darwin for full details).***
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.
Water modelling requirements		•	•			FY21/24	Funding to update the 3 Waters models was secured through the 3 Waters DIA funding reform. A 3 Waters Modelling Lead has been recruited and consultants will be engaged to review all FNDCs current models and assess priority and way forward for updating of all FNDC models. This work will assist in establishing a development contributions (DC) policy for FNDC as well.
Wastewater modelling requirements		•	•			FY21/24	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.

SUMMARY

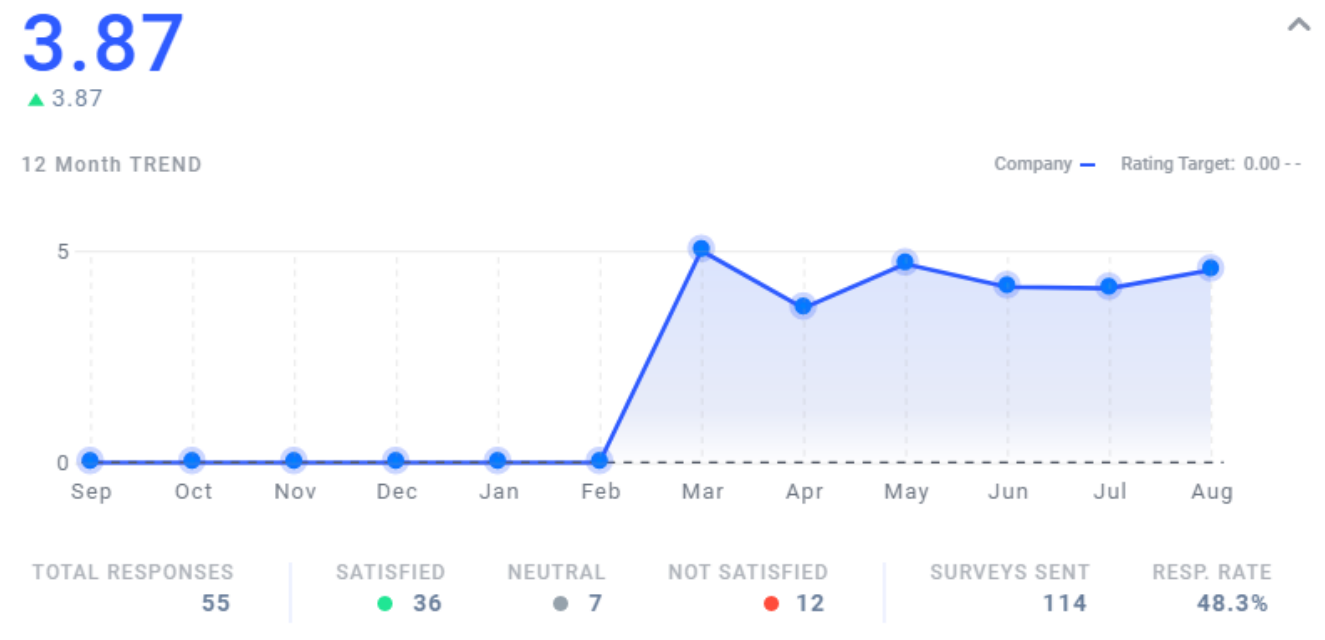
- Another busy month for the District Facilities staff.
- On top of BAU, District Facilities staff have been involved in contract negotiations and renewals concerning the Russell Transfer Station and Landfill, RSL variations, OCS cleaning contract and Crewcut who provide lawn-mowing services to the HFE sites.
- Staff have also been focused on finalizing the 2020-21 financial requirements while setting up the new P0's for 2021-22 and communicating this information to our many and varied providers and suppliers.
- Increasing numbers of encroachments and lease requests continue to be received and processed.
- New District Facility Request for Service (RFS) codes have gone live, reducing the number of codes from 33 to 12.

Positive Feedback – July

- *A customer Earl wanted to pass on how clean Kerikeri CBD looked Saturday morning (late July). He believes a clean-up was carried out by RSL early morning and wanted to pass on what a good job had been done.*
- *The personal one on one great stuff – re an illegal dumping RFS*
- *Great communication, excellent explanation, quickly done, was able to leave with new tag – re an illegal dumping RFS*

CUSTOMER EXPERIENCE PROGRAMME

Constant number of RFS's per month continue to be received.



District Facilities – Ask Nicely

HEALTH AND SAFETY UPDATES

Recreational Services

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

Non-Serious Harm:

- Bent over to pick up a piece of rubbish and twisted back
- Moving furniture at FNDC involved moving a trolley that holds a stack of chairs. Roller wheel caught in lip of the door and fell to the side of the ramp. Chairs fell and I had to jump to the side of the ramp to avoid them and I landed on my hip.

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					
Vehicle / machinery near miss	0	0	0	0	0	0	0					
Non-serious harm	0	0	0	0	0	0	0					

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
Serious harm	0	0	0	0	0	0	0					
Vehicle / Machinery accident	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 '20	Sept '20	Oct '20	Nov '20	Dec '20
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

Non-serious harm:

- Site operator – whilst working at the Kaikohe RTS had pollen/dust blow into his eye causing irritation. He used eye wash onsite to wash out the irritant. It was recommended the wearing of supplied PPE in this case, safety glasses.

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

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

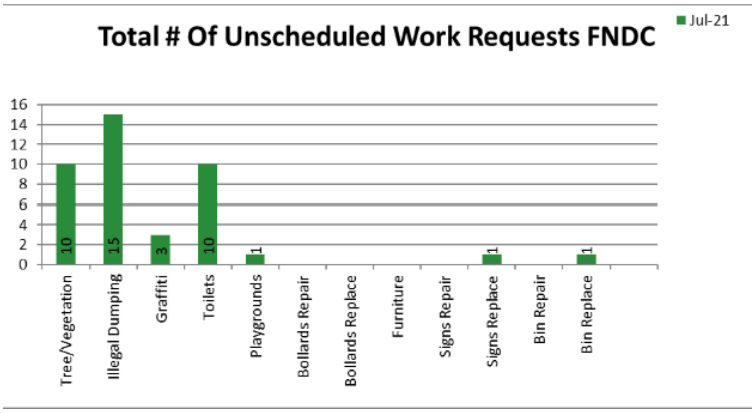
Ventia *(Russell RTS and landfill)*

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

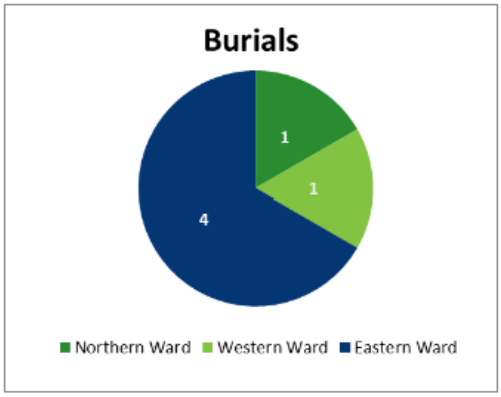
CBEC Eco Solutions *(Waste Education Contract)*

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

RECREATIONAL SERVICES



Number of unscheduled works requested by FNDC



Number of burials at Council public cemeteries

RSL Internal Audits

LOCATION	Jan '21	Feb '21	Mar '21	April '21	May '21	June '21	July '21	Comment
Mowing	100		97.7	98	100	99.5	99.1	
Edging	100		100	99.4	98.1	95	100	
Gardens	100		98.6	99.1	97.2	100	100	
Playgrounds	100		100	99.4	92.9	98.8	93.7	
Town maintenance	91.7		98.8	97.2	95.7	95.2	99.1	
Toilet maintenance	98.7		96.4	96.8	96.2	93.7	96.1	
Cemeteries					100	100	100	
Furniture	100		100	99.4	100	100	100	
TOTAL INTERNAL	**97.9**		**98.6**	**98.3**	**97.6**	**96.9**	**98.7**	

Council Audit of RSL

2020-21	Jan '21	Feb '21	Mar '21	April '21	May '21	June '21	July '21	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20
Met	16	8	8	11	21	26	8	NC	16	10	6	0
Not met	0	1	0	0	0	1	1	NC	0	2	0	0
Non-performance Notice	0	0	0	0	0	0	0	0	0	0	0	0

June 21 - AUDIT DETAILS	Met	Not met	Non-performance notice	Not met / comments
Reserve mowing	2	0	0	
Edge control		0	0	
Playground		0	0	
Cemetery	1	0	0	
Toilets	5	1	0	Ohaeawai Toilets (not met) • Ladies toilet with changing table, floor not mopped; • Men's Toilets – floor not clean, build-up of grime in corners and sides of wall, odour apparent • Disabled toilet – floor not cleaned • Grime buildup on floors, in corners and walls not clean
Litter and Town Maintenance	1	0	0	
CONTRACT AUDIT				
Unscheduled	0	0	0	
Contract	9	0	0	
TOTAL	9	0	0	

District Facilities staff are trialling the use of the same style of contract auditing form as used by RSL. This should result in a level of consistency across all audits between RSL and Council.

PARKS AND RESERVES

Fairy Pools Access, Kerikeri

Now that the occupiers have been moved on, options to reduce vehicular traffic accessing the far end of the accessway continues. It is proposed a gate, barrier or similar is put at the end of the concrete driveway. The need for this barrier was reinforced as it was found that some persons had attempted to chop down several trees. As a result, an Arborist was engaged to remove them as they were in a dangerous situation that with recent winds, could have fallen putting people using the reserve and accessway at risk.

Lily Pond Lane, Haruru

Unfortunately, a Council fence that separated a neighbouring private property and reserve was almost destroyed as the fence wires were cut in numerous locations, posts and support poles smashed etc. This matter was reported to the Police and fence reinstated.

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 disinter the bones is being carried out by HNZ in conjunction with local Hapu and is planned for November. The area is in the process of being temporarily fenced off.

Northern Reserves

Several reserves have had the old wooden picnic tables replaced with concrete picnic tables. The new tables were installed at Hihi Reserve, Doubtless Bay, Karikari Peninsula, Whatuwhiwhi, Kaimaumau, and Te Ngaere Bay Reserve.

Western Parks

An increase in tagging in and around Lindvart Park was reported by the Sportsville Administrator. This was also around the same time as considerable tagging was done in and around Rawene resulting in the toilet block and water tanks being tagged. All incidents have been reported to the Police.

PLAYGROUNDS

The project being completed by the Asset Management Team continues to progress with the installation of new soft fall onto playgrounds around the district.

SHADE-SAILS

Shade-sails located in Centennial Park - Kaitaia, Kerikeri Domain and Johnson Park - Kawakawa have been temporary removed to receive their annual deep clean, repair work if required and will be re-instated late October / early November in preparation for the hot summer months. It is programmed going forward this will happen every 2 years but alternate between North and East / West.

There is an increasing number of requests being received by council to consider the installation of shade sails in many other playgrounds. Such requests are being managed by the Asset Management team.

TREE MANAGEMENT

WILDLING PINE REMOVAL PROGRAM

Wilding pine removal a joint initiative involving FNDC, NRC & DOC continues at Ramp Rd, Karikari - in the reserve behind the public toilets. These toilets are temporarily closed during the Wildling Pine removal project as is the reserve. These works are being monitored by the DoC and the Kaitiaki Rangers to ensure public safety and awareness. Work has been temporarily haltered while NRC work with the contractor to resolve a H&S audit issue with the contractor.

PALMS

A report has been prepared by staff covering many of the palms within high profile area across the district highlighting the need for ongoing regular maintenance and the estimated costs to carry out such works. The report covers palms within townships, some roads, parks or associated with Council owned facilities and provides a recommendation to schedule routine 6 monthly maintenance. What will need to be considered will be whether those palms that are causing the greatest risks to people and / or people, should be removed.

TREES

Increasing issues associated with trees are being reported. Mainly associated with issues as a result of leaf drop, dead hanging branches but also nuisance trees where they are of a size that they are interfering with neighbouring properties. Some trees are being removed if it is proven they are a risk to people / property, or their health is in such a decline that death is inevitable.

CEMETERIES

Staff continue to monitor recent grave burials to ensure graves are not sinking.

PUBLIC TOILETS

Klinac Lane, Waipapa

The project work to have these toilets serviced by a Council owned system is complete and the system operational. Termination of the agreement with RCG has been processed with the final payments to be completed. This should result in some minor budget savings however will eliminate the number of NRC abatement notices requiring immediate attention due to increasing discharge volumes exceeding permitted volumes esp. over the busy visitor periods.

Stone Store Public Toilets - Koropiro Pa Walkway, Kerikeri

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 onto the new Council low pressure wastewater system in Kerikeri.

Ramp Road, Tokerau

These toilets are temporarily closed during the Wildling Pine removal project as the is the reserve. These are being monitored by the DoC Kaitiaki during the project.

Opononi, near the Four Square

One toilet cubicle is open for use. The other two are undergoing project work to bring them to an accessible standard. All three cubicles will be fully operational as soon as possible.

General

All public toilets continue to display COVID QR codes.

ENCROACHMENTS

General

Encroachment issues continue to be received and investigated however due to other priorities and staff capacity some matters are not being investigated as quickly as expected. Progress continues establishing a process that clearly identifies roles and responsibilities.

Location	Background	Status		
		Investigation	Enforcement	Recommendation
Deeming Road	Details to be confirmed	Work in progress		
Wharau Road Reserve	Resident has built structures on Council reserve. Issues associated with this encroachment also involve disputes with neighbours and Heritage NZ.	Legal services currently investigating.	Letter sent to the person concerned 17 August concerning encroachments. Requested structures moved 26 November. This will be challenged.	Encroachments removed by 26 November 2021.
Te Wahapu, Russell	Areas of encroachment being investigated	Work in progress		
Korora Park, Ahipara	As part of a project proposed for the upper park, a number of buildings including gardens have been built on the park.	Initial investigation completed by Compliance and Monitoring. Decision needed as to next course of action.		
Cable Bay	Buildings, gardens, steps and a shower built on an open space legally described as 'Road'. Letters sent to owners of both lodges identifying issues with a copy of the survey that identifies the specific offending structures etc.	Encroachments confirmed	Letters sent advising structures to be removed by 31 December 2021. On-going communication being had with owners who are looking at developing the site and will resolve the encroachment issues as part of the development work.	Structures to be removed by December 2021
Hihi Bay Road	Complaint from a neighbour complaining about another who has placed a number of horticulture tunnels on reserve land.	With legal looking at property details. Will look at requesting the structures are removed.		
Doves Bay Road, Kerikeri	As per a RC application, a number of structures have been identified as being built on Council reserve land.	Yet to be started		
Hansen Road, Kerikeri	Details to be confirmed with Monitoring and Compliance team	Yet to be started		
Williams Reserve, Paihia	Resident has built structures on Council reserve.	Encroachments confirmed	In communication with property owner concerning the removal of the structures	
Waterfront Drive, Houhora	An historic issue: 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.	Boundary survey competed and discussions to be had about where to next. Main areas of encroachments with Heritage NZ, NZ Walking Commission and NRC.		
Major Bridge Drive, Russell	Boatsheds constructed on council reserve.	Initial investigation completed by Compliance and Monitoring. Decision needed as to next course of action.		
Scenic Reserve, Paihia	Historic Issue: Private dwelling located a courtyard and other structures on Council reserve.	Legal services currently investigating options as owner not keen on removing structures, happy to pay a charge / find alternative solutions.		
Koutu, Opononi	Issues with access to the Koutu boulders has identified that several property owners may have included public accessways as part of their private property.	Legal services currently investigating.		
Otiria	Issues with access to the Otiria waterfall has identified that several property owners may have included public accessways as part of their private property.	Legal services currently investigating.		
Heron Hill, Kerikeri	A historical situation where a boatshed and boat ramp built over an esplanade reserve.		Requested items be removed.	Aug 21 - Staff to visit site to ensure items have been removed.

SOLID WASTE

Waitangi Community Recycling Centre

The contract variation for the new community recycling centre has been signed off. Work has started to source plant and prepare the site. We are hoping to have this open on October 1st.

Range of plastics accepted at FNDC sites

Plastic markets continue to be volatile, and it is hard to determine what markets for products are available and will continue to be available. Coloured #1 plastics (e.g. sprite, L&P bottles) are very hard to move.

Progress is being made regarding expanding the range of plastics accepted to include coloured #2 plastic (e.g. cleaning product bottles) and #5 plastic (ice cream containers, yogurt pottles) The contractors may ask for a subsidy to enable them to cover the cost of processing these materials as the price paid for them is low.

Ministry for the Environment Weigh Bridge Grants

An application was put for a weigh bridge for the Russell landfill. A more detailed project will be required if we get through to the second stage in the funding application.

Refuse Transfer Station Resource Consents

At the June meeting of the Northland Solid Waste Working Group, the Northland Regional Council advised the three northern district councils of the need to obtain resource consents for all refuse transfer stations. The consent conditions will be related to discharges to land and air. FNDC has 13 transfer stations that will need consents. The consents team has been advised and supplied with WDC's applications as a starting point for this process.

Russel Landfill

Northland Waste Limited was awarded the contract by Council at its July Council meeting. Northland Waste Limited commenced the contract on 31 July 2021 Northland Waste Limited will be working with Resilient Russell to deliver the community aspects of this contract.

Council has also temporarily closed the landfill, due to possible subsidence issues. An independent expert will be engaged to assess the viability, stability, and future options for the landfill. During the temporary closure of the landfill, all waste destined for the landfill will be transported and disposed at the Puwera Landfill at Whangarei. Northland Waste has worked in partnership with Council to ensure that this temporary change comes at no additional cost to Council

Members of the public and community are able to use the Russell Landfill and Recycling facility, and the temporary closure of the landfill should not disrupt the service provided although there may be some minor inconveniences until Northland Waste sources more appropriate equipment to deliver this change in services.

Over the coming months, Northland Waste Limited together with Resilient Russell will be introducing a number of initiatives from better recycling facilities, a new layout of the facility, improved sorting facilities, community gardens and greater awareness of recycling waste.

ECOSOLUTIONS WASTE MINIMISATION JULY REPORT

A busy end to the term for schools and an engaging month within the community for Plastic Free July.

Schools: 49 lessons taught, and 15.6 hours of school support offered.

We took **Peria school** on a school trip to Arama Gardens. The whole school came in different time slots, in three separate groups throughout the day. We covered with Aaron a short hot compost delivery to each group and then kids got a hands-on experience to see and feel the hot compost in action. Students also got to see first-hand the compostable waste that has been collected from local

schools for the lunch in schools' program. The students got really present to the problem that is being created and how unsustainable it is. There was a range of emotions from angry, sad and just confused to why this is being allowed. There was also a lot of pride that they are a school who is NOT contributing to this problem. We are planning to take more local schools to Arama Garden this term.

We have been getting a great response with up cycling pallets, old wood & furniture destined for landfill into bug hotels. **Bloomfield Special School, Peria Primary, Peria Play Centre & Kaitaia Home School Group** have all participated in these lessons in July and more schools and community groups are booked in for August. There has also been requests to up cycle into bird feeders, cat scratchers and Weta homes which we are currently looking into.

Doubtless Bay Kindy and **Peria Playcentre** got creative with beeswax wraps. Along with Nude food, which is always a favourite for us to cover for the teachers as they find it impacts on what is being sent in lunch boxes.

After a waste check and discussion with staff and Management. We have identified the need to spend some time in Taipa Area School reviewing and strengthening the waste systems and working with the staff from management through to teachers. They have also requested for us to continue our waste warriors lunch time litter clean ups.

Events: The Matariki Celebrations at the Oromahoe Lights festival were supported with the great result of 93% of all waste being diverted of an event with well over 400 visitors coming through on the night

Kaitaia Market

EcoSolutions and Kaitaia Cycle are collaborating to provide recycling services at Kaitaia Market, there was a 75% decrease in waste from the market in July, due to the removal of compostable waste to The Good Life Projects

compost bins, and the recyclables being taken to the RTS. The next step is to decrease their dependence on packaging and increase a reuse culture in the market. We would appreciate council support to make this culture change permanent, such as providing an option for recyclables to be removed for free at the end of each market rather than just rubbish removal.

Communities:

Kawakawa Library had a Plastic Free July Workshop with Kawakawa library's Sustainable Saturdays with a focus on making produce bags and zero waste cleaning products.

Movie Screening: Community film screening and discussion in Kaeo for Plastic Free July, was well attended by 20 people and another movie screening was held in Paihia about 'trashed' and the effects pf plastic pollution.

There were zero waste re use nappies workshops both in Kaitaia and Kaikohe.

EcoSolutions are supporting The Ano Ano sewing bee in Kaitaia who are now sewing cup sleeves for jars which several cafes use as they move away from single use compostable cups.

Businesses

EcoStar

There is increased interest in reducing compostable waste going to landfill, Kaitaia is now picking up paper towels from six locations and composting them. We are in the process of setting up a similar system in Kaikohe and Kerikeri.

Coastal Homes a Doubtless Bay **EcoStar** have requested a sit down to discuss the state of plastic film recycling and have discontinued the use of the recycling bays provided to their organisation by CBEC as they feel there is no longer sufficient quantities of recyclables accepted by Northland Waste. We will be following this up with Northland Waste.

We have had many EcoStar organisations provide feedback that coloured no 1 and 2 plastic is not being accepted by Northland Waste.

Community Compost Connection

The community compost connection program has kicked off with the programme being rolled out all across Northland. Two Kaitaia workshops and one in Kingston House Kerikeri, were both well attended, and were open to all members of the public.

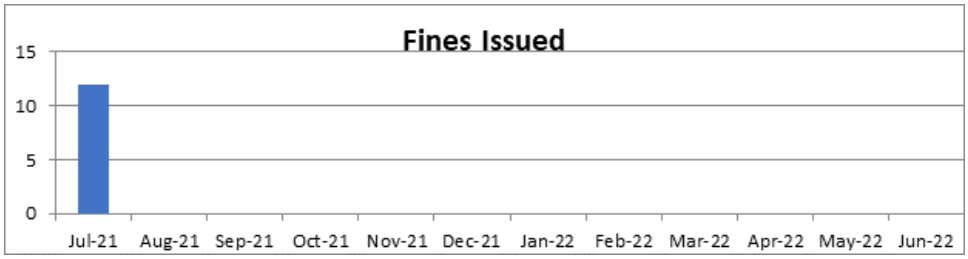
Para Kore EcoSolutions have offered to bolster the Para Kore presence in Te Hiku through their MFE EcoStar contract and are now running the Para Kore Kaupapa in Te Hiku with three new staff members. As 16 hours a week for one Kaiako was insufficient to cover the 37 Marae and kura across the region which have signed up to this Kaupapa, EcoSolutions have increased this to 33 hours a week.

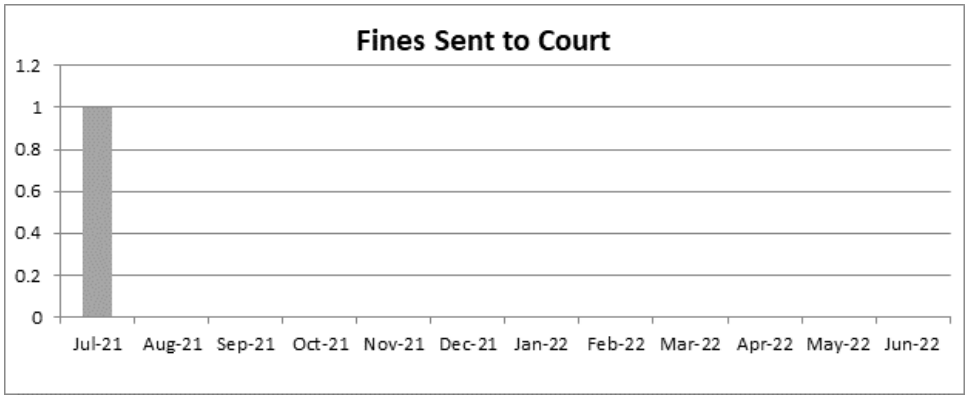
LITTER INFRINGEMENT ACTION

JULY actions:

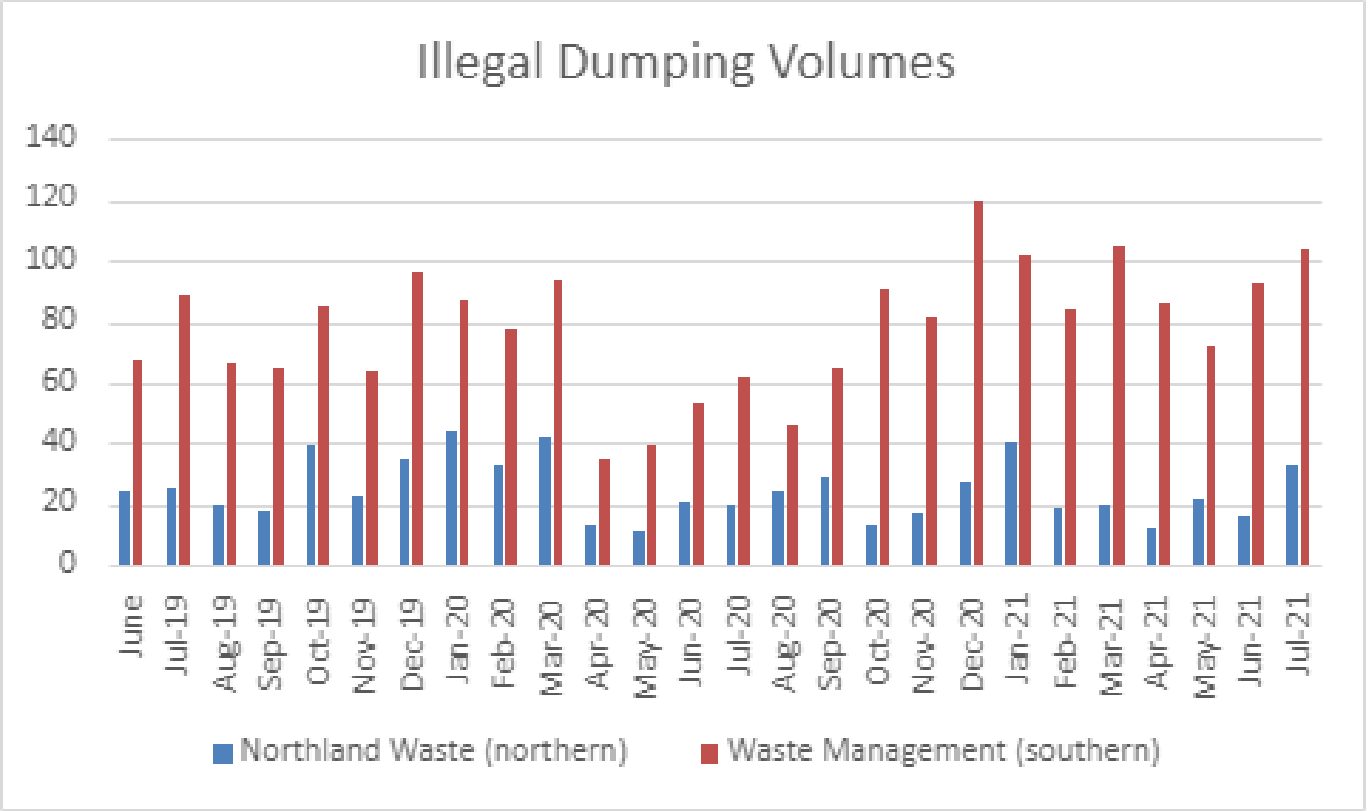
Notice Number	Offence Date	Offence Type	Status	Balance	Location Details
39	17/02/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Runaruna Road, Broadwood Location: PAWARENGA ROAD INTERSECTION, BROADWOOD
40	17/02/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Runaruna Road, Broadwood Location: PAWARENGA ROAD INTERSECTION, BROADWOOD

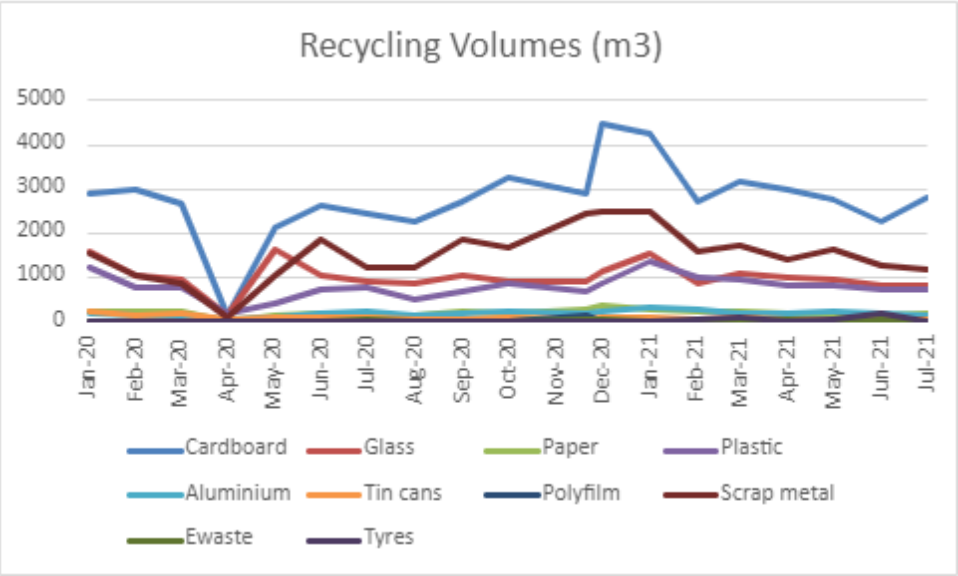
Notice Number	Offence Date	Offence Type	Status	Balance	Location Details
41	01/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD, AWANUI
42	01/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD, AWANUI
43	01/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD, AWANUI
44	01/03/2021	Deposited litter in/on a public place $250 20-120	Issued	$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD INTERSECTION
45	01/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD INTERSECTION
46	09/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Kohumaru Road, Mangonui Location: STATE HIGHWAY 10 INTERSECTION, MANGONUI
47	03/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Kaitaia-Awaroa Road, Herekino Location: HEREKINO REFUSE TRANSFER STATION
48	03/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Ruaroa Road, Kaitaia Location: STATE HIGHWAY 1 INTERSECTION, KAITAIA
49	03/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Ruaroa Road, Kaitaia Location: STATE HIGHWAY 1 INTERSECTION, KAITAIA
50	12/03/2021	Deposited litter in/on a public place $250 20-120L	Issued	$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD INTERSECTION, AWANUI

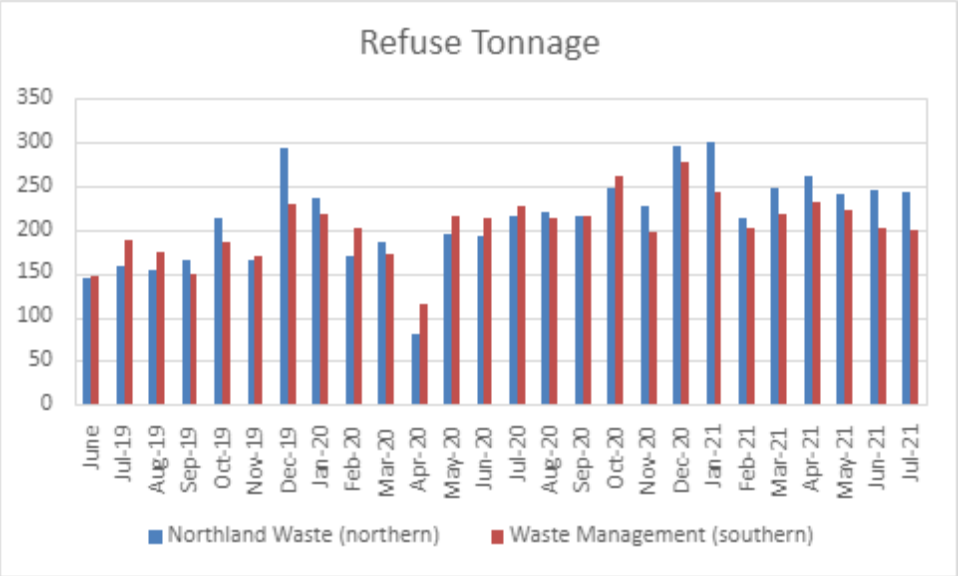




SOLID WASTE STATS







SWIMMING POOLS

The pools are now closed for the winter season and the winter maintenance programme has been received. Overall, there continues to be concerns with leaks at all the pool sites which reflects the age and condition of the assets.

Te Hiku Sports Hub work has started, meaning Council will need to look at decommissioning the current pool facility over the next 1 – 2 years.

In the meantime, the following works have been identified and priced, which has yet to be agreed to.

Kaitaia Pool

- Replace faulty floodlight: requesting renewal funding as light will cost approx. $4,000

Kerikeri Pool

- Replace shut-off valves approx. $3,000
- Waterblast and paint dive pool (partially to mitigate water loss) $14,000
- Electrical mains require servicing (price to be confirmed)
- Dry storage shed roller door needs replacing approx. >$1,000

Kaikohe Pool

- Replace shut-off valves, remove old fittings and construct new manifolds etc. approx. $10,000

- Due to leaks, recommendation to reseal expansion joints and paint outer realm of the pool and relocate the sparge line. Estimated costs may be up to $80,000.

The works as noted will be to what is effectively MoE / school assets but will be a cost that Council may need to cover should the pools open for the Summer season.

A meeting with Northland College is planned for August to discuss the future of this operation.

COMMUNITY / COUNCIL FACILITIES

OCS Audits

LOCATION	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Aug '21	Sept '21	Comment
Kaikohe Headquarters - Lockwood	97.4	97.4	96.1	97.0	95.6	96.4	95.79			
Kaikohe Headquarters – Annex and upstairs	97.3	96.8	95.1	96.1	96.6	96.1	96.0			
Kaikohe Headquarters – Publications	92.1	97.5	97.1	97.0	96.5	97.2	97.3			
John Butler Centre – Level 2	97.5	98.1	97.2	96.7	96.3	96.5	95.79			
John Butler Centre – Level 1	98.2	98.2	97.2	97.9	97.2	97.4	95.6			
John Butler Centre – Ground floor	98.1	98.0	97.47	96.0	96.3	97.3	96.7			
Rawene Service Centre	NA	97.6	NA	97.0	NA	NA	NA			
Kaeo Service Centre and Library	98.2	97.4	NA	NA	NA	NA	96.0			
Procter Library	97.3	96.1	96.0	96.8	95.7	95.1	95.58			
Paihia Library	96.4	97.0	NA	96.3	95.6	95.9	95.37			
Kaikohe Library	94.3	91.9	97.1	96.0	96.8	97.3	97.6			
Bay of Islands Information Centre	95.9	NA	NA	96.1	NA	NA	95.7			
Hokianga Information Centre	NA	97.8	NA	96.8	NA	98.1	NA			

HOUSING FOR THE ELDERLY

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

		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
# units vacant ***Ready for refurbishing***		1	0	3	0	3	0	3	1	2	2	0	0
	North			Oxford Puckey		Oxford St		Oxford Puckey	Puckey		Kohukohu		
	West	Waima		Kaikohe		Rawene		Rawene		Kaikohe Rawene	Omapere		
	East					Kawakawa							
# unit ***Upgrades in progress***	TOTAL	8	8	8	11	7	5	5	6	7	6	8	8
	North	Awanui (2), Oxford	Awanui (2), Oxford	Awanui (2), Oxford	Awanui (2) Oxford Puckey	Awanui (2) Puckey	Awanui	Awanui	Awanui Oxford (2)	Awanui (2), Oxford, Puckey	Awanui (2), Oxford, Puckey	Awanui (2), Oxford, Kohukohu	Awanui (2), Oxford, Kohukohu
	West	Rawene, Kaikohe (2), Omapere Kohukohu	Waima, Rawene, Kaikohe (2), Omapere	Waima, Rawene, Kaikohe (2), Omapere	Waima Rawene (2) Kaikohe (3) Omapere	Waima Rawene Kaikohe Omapere	Waima Kaikohe Omapere	Waima Kaikohe Omapere	Kaikohe (2)	Kaikohe (3)	Rawene, Kaikohe	Rawene, Kaikohe, Omapere	Rawene, Kaikohe (2), Omapere
	East						Kawakawa	Kawakawa	Kawakawa				
# units completed ***(returned for tenanting)***	TOTAL	0	1	1	1	2	3	0	1	1	3	0	0
	North			Ahipara	Oxford		Awanui, Puckey				Puckey		
	West		Kohukohu			Kaikohe (2)	Rawene		Rawene		Kaikohe (2)		
	East									Kawakawa			

Oxford Street – a block of 3 units have been vacated and tenants re-housed in neighbouring units as a result of large cracks appearing throughout the block.

An assessment of the footpaths was completed by RSL which highlighted several areas of concern. Those high-risk priority areas have been forwarded to the project management team to scope and resolve while the District Facilities staff are attending to the vegetation matters as noted. Other issues identified will be added to the three-year programme of works proposed.

COUNCIL / COMMUNITY BUILDINGS

Raihara Storage, Kaikohe

The lease over this facility has been extended to 30 September 2021 to allow sufficient time to remove all items stored inside including several IT and CDEM items/drought equipment. Surplus water bottles have been distributed to schools, sports clubs, women's refuge, mid north budgeting services, elderly rest home and community food cupboards while other items are being assessed and relocated as needed.

BUILDING WARRANT FITNESS COMPLIANCE (BWOF)

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

BWOF status for JULY

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	Lot 1 DP 37319, SH 10	30-Apr	Monthly /Annual	Compliant

Site Name	Ward/Area	Address	Expiry date	Testing frequency	STATUS
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	Non-compliant DEFECT: emergency lighting failure
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	Lot 1, DP 32087 Waipapa Loop Rd	28-Mar	Monthly/Annual	Non-complaint DEFECT: water damage to speaker circuit
Pear Tree Restaurant**	EASTERN	215 Kerikeri Rd	30-Jun	Monthly/Annual	Compliant
DHB Nurses Consultancy	EASTERN	25 Homestead Rd	31-Jul	Monthly/Annual	Complaint

LEASES / AGREEMENTS

A number of leases and agreement are being progressed including:

- Cobham Road – dump station agreement: rolled over for 12 months
- Te Hundertwasser Trust re the Hundertwasser toilets, Te Hononga toilets, car park and reserve 2021-22 agreement: negotiating
- Russell Tennis Club – lease negotiations and proposed club room plans: progressing
- Mangonui Netball Club – lease negotiations involving Te Hiku Sports Hub Trust: progressing
- Rolands Wood Trust transfer: progressing
- 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, construction of the seal extension works managed to complete 4 of the 5 sections, before the construction season window closed and the decision was made to hold off the sealing of the last section to ensure we were managing the quality risks.

At Ngapipito Road, construction works have continued into the winter months, as we have been able to focus on drainage and subbase pavement construction on this site. This will set us up nicely to complete the final stabilisation and sealing work prior to the December completion milestone.

We now have final designs complete for the initial 6 bridges identified for strengthening works. There have been a further 2 bridges identified that required additional investigation and design work, but these are very close to being ready for construction too, so will not impact on the construction.

Ruapekapeka Road is well underway, with earthworks and drainage complete on stage 1, and the final pavement overlay will continue next month in preparation for the final stabilising and sealing before the end of October. The delivery mechanism for Stage 2 is to utilise the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. We are now in tender evaluation phase with a supplier recommendation expected before the end of August.

SUMMARY - July

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.

Seal extension construction works at Peria Road has been split into 5 sections, with Sections 1, 2, 3 and 4 fully completed last season. Good progress was also been made on Section 5 with Fulton Hogan undertaking clearing, earthworks, drainage and shoulder/pavement undercuts prior to preparing the site for winter. The final pavement construction and surfacing is programmed for early next construction season.

Winter has thrown Peria Road some curveballs, with heavy rainfall events in July causing some slips on previously completed sections. We are investigating these with geotechnical engineers to identify the causes and ensure permanent repair of these is appropriate.

Bridge upgrades

The design work for the first 6 bridges is complete and we have requested prices for this work. We are still on track for completion of bridge strengthening work by December 2021.

Ngapipito Road

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

To date, clearing/earthworks has been completed on Sections 1 - 4. Drainage and culvert upgrades are complete on Sections 1 - 3 and nearing completion on Section 4. Subbase pavement layer has been overlayed and compacted on Sections 1 - 3.

Last month's activities for Ngapipito Road focused on continuing to cart in aggregate to bring the subbase to level, completing the drainage and continuing pavement construction for Section 1, 2 and 3 as weather has allowed.

Pavement construction will continue, with final stabilisation and sealing programmed for early next season (on track for completion by December 2021).

Ruapekapeka Road

Stage 1

Earthworks, drainage and subbase road pavement are complete. The relocation of the main fibre optic cable feeding the Far North has been completed.

Progress of the unsealed portion to Hays Road intersection continued, with the exception of the big earthworks cut site, with the majority of the earthworks is now complete. Subbase and basecourse aggregate were overlayed and compacted completing majority of the unsealed pavement section. Now that the fibre cable has been relocated, earthworks, subbase and basecourse will recommence on the big earthworks cut site when the weather allows.

Last month's activities for Ruapekapeka Road Stage 1 focused on getting earthworks consent to move the fill from the large cut into the Department of Conservations carpark. This will ensure the large cut can be undertaken when the fine weather returns. In the meantime, during winter we are maintaining the new subbase pavement along the sealed section, and basecourse overlay is programmed early in the construction season, with surfacing programmed for completion by 30 October 2021.

Stage 2

The tender for Stage 2 closed in July and is under evaluation now.

The delivery mechanism for Stage 2 is to utilise 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. The tender was released in mid-June, with award on track for early September.

Consultation with affected landowners has ramped up this month and it is pleasing to report that all affected parties have been very supportive and willing to work with us to achieve the best outcome for this project.

Stage 2 includes the State Highway intersection improvements, but this scope of work has been separated from the seal extension tender. The design of the intersection has been completed. The engineer's estimate is higher than expected, due to unforeseen constraints for the right turn bay and we're working through a value engineering exercise.

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 been taking place with Te Ruapekapeka Trust for their inclusion of the intersection Pou.

PROGRAMME OVERVIEW

Priority 1 Routes

A variation has been agreed with MBIE regarding the completion dates to milestones for the Priority 1 Roads; Design capacity in the local market meant that there was a delay at design stage for Ngapipito Road.

At this stage we are comfortable with the current milestones. There is a potential risk that the bridge work will take longer than expected due to potential global materials supply issues, but it is too soon to know that and we will get a better indication once we have the contractor programmes for this work confirmed.

▶ Priority 1 Routes Programme Milestones

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

Ruapekapeka Road

Achievement of funding agreement milestones started relatively well for this project, but we have required 2 minor variations to address the early consenting delays and more recently the impact of the fibre optic cable on Stage 1 works.

Unfortunately, we have had to request an additional variation that relates to the completion dates for Stage 2 works. We are still pushing ahead with December 2021 as our target at this stage of course, with Stage 2 construction and the intersection works likely to be close to 70% complete by December 2021. However, the feedback we are getting from the consenting teams and the contractors is that this date is unrealistic given the scope of work included for Stage 2 and the additional consenting requirements. We have requested the completion dates for Stage 2 Construction complete, and Final completion of surfacing are changed to **April 2022.**

▶ **Ruapekapeka Road Programme Milestones**			
Deliverable	**Original Completion Date**	**Approved Variation Completion Date**	**Status**
• Funding Agreement executed by both parties • Investigation and design underway	August 2020	Achieved	
• ECI agreement in place • Stage 1 investigation and design complete • Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020.	30 September 2020	Achieved	
• Stage 2 design complete • Stage 2 construction underway • MSQA reporting and monitoring paperwork	31 December 2020	28 February 2021 - Achieved	
• Stage 1 construction complete • MSQA reporting and monitoring paperwork	31 December 2020	30 October 2021	
• Stage 2 construction complete • MSQA reporting and monitoring paperwork	31 March 2021	***30 November 2021***	
• Final completion of surfacing • MSQA reporting and monitoring paperwork	30 June 2021	***30 December 2021***	

FINANCIAL OVERVIEW

▶ **Strategic Roads**	
Total Claimed to Date	$7,030,944
Total Contract Value	$14,200,000
▶ **Ruapekapeka Road**	

▶ Strategic Roads	
Total Claimed to Date	$1,025,371
Total Contract Value	$6,500,500

The Redevelopment of Strategic Roads - Priority 1 Roads Project has identified potential savings in both the 'bridge strengthening' and 'intersection improvements' scope of work. This 'potential surplus budget' could be reallocated 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. Peria Road - Potential 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.
2. Rainfall events in Peria during July have caused damage to recent road widening earthworks and rock walls. Some require geotechnical investigation and will have cost implications.

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

1. For Ruapekapeka, the cost estimates for stage 2 works including the intersection improvements, still exceed the budget allocation, largely due to the quantity of earthworks required, the retaining walls below the Pa site and the stream realignment at the intersection. We continue to identify value engineering opportunities and this has reduced costs significantly. We will still require some level of funding reallocation from 'Priority 1 Roads Project'.
2. Transfer of funding from Strategic Routes to Ruapekapeka (linked to item 1. Above) – agreed in principle with MBIE but requires ministerial signoff. Stage 2 construction tender pricing will give a better indication of the amount required, then approval will be sought.
3. Fibre Optic Cable on Ruapekapeka Road – we know it's there and will manage early location and relocation as required.

STAKEHOLDER COMMUNICATION

Landowner consultation has continued this month along Ruapekapeka Road. Some properties are significantly affected by the proposed works and we will require their approval for road alignment and consenting purposes. Discussions will continue through the consent process, but early indications are that the proposal is well received.

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
Strategic Roads	42	23	35
Ruapekapeka Road	14	9	30

TE HIKU O TE IKA REVIATLISATION

EXECUTIVE SUMMARY

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

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

Overall, the project aims to provide:

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

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

SUMMARY - July

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

AHIPARA UPDATES

The rock wall has now been completed ready for the new footpath to be installed.

Procrete who are working under the guidance of Stonecraft Construction have the foundations ready for the first 3 sets of concrete bird seats which will be delivered on 10 August.

The playground design has been selected by the evaluation team and agreed by the Project Working team along with the community of Ahipara via the Ahipara Aroha meeting held on the first Wednesday of the month. The feature theme is the impressive 'whale' equipment (see image below), which will be unique not just to Northland but to NZ. It is imported from France which is the 16 week lead time.

Rock wall retaining has been completed and the pathway is ready to be poured

Spraying out location of bird seats by Procrete

Updated rock wall & footpath at Panorama, Ahipara

Final Korora Park Design for Ahipara supported by PWG & Ahipara Aroha Committee

KAITAIA MARKET SQUARE

One of the projects is called the "Market Square" where the abandoned warehouse building has been a topic of conversation in the community as it was becoming an "eyesore" with the graffiti. The project is adorning the exterior of the building with a range of artwork. Last month we featured the back wall on SH1 and although the majority of people loved it, we did have some kick back from local iwi on the Te Reo names of beaches and some macrons missing so these have now been rectified so that everyone in the community is happy. Below is the wall created by Kiri Clark and her son Grayson. This is a success story where Kiri and Grayson have been through multiple MSD courses to learn about going into business and they have done it by starting with this project opportunity. From this work, Kiri and Grayson were invited to contribute to the large beach alleyway murals too and have been subcontracted by those lead artists.

ABUNDANCE OF FOOD ALLEYWAY

The final alleyway in Kaitaia's main street has started to capture how Kaitaia got its name. This art works is a series of food images by artist Mark Daniells and represents our food sources. Across the road will the history and culture of Kaitaia's name but this work isn't due to be installed until Christmas time.

The final touches were completed for the Dalmatian Alleway with the undulating walkway resurfaced to give an even surface. The life size corten steel gumdigger was installed with a rustic iron backdrop to lead people down the alleyway as well as provide a photo opportunity for our visitors.

AWANUI UPDATES

Excitement for the township of Awanui as more action in the park with the preparation and pouring of the concrete bases for the new concrete tables in the park.

PROGRAMME OVERVIEW

The current programme aligns closely with the deliverables specified in the project agreements shown in the following table, however we have 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. Last month we said the Kaitaia town square and Market Square are likely to be underway by August but not completed. FNDC have not yet secured the Foodstuffs property where the Town Square would be developed so August is not likely; we are aiming for December now. The Market Square has just had the procurement information sent through but it has not yet been presented to the panel for approval so more likely to be September start.

The deliverables for Payment #1 were achieved, unlocking the first claim value of $3.5m last November. Deliverables for 30 May 2021 are mainly underway with some of the procurement plans approved for the pump-tracks and playgrounds. We have not yet spent the initial upfront payment of $3.5M, so no claim is due for this milestone.

▶ Te Hiku O te Ika

Deliverable	Completion Date	Status
• The agreement executed by both parties. Project is 'shovel ready'	30/10/2020	
• Surveying, detailed plans and preparation for works at Ahipara, Awanui and Kaitaia. Recipient to provide evidence to the Ministry that the previous instalment has been spent.	28/02/2021	
• Awanui carpark & playground underway Recipient to provide evidence to the Ministry that the previous instalment has been spent and that the consent has been granted.	30/05/2021	
• Kaitaia Town square and market square complete Streetscaping completed Ahipara, Awanui and Kaitaia Pump park completed in Kaitaia and Ahipara Recipient to provide evidence to the Ministry that the previous instalment has been spent.	31/08/2021	

▶ Te Hiku O te Ika		
Deliverable	**Completion Date**	**Status**
• Awanui carpark and playground completed Ahipara carpark and playground completed Cultural Art erected Awanui Jetty completed Ahipara walkways completed	30/11/2021	
• All works completed and project finishes	30/06/2022	

FINANCIAL OVERVIEW

▶ Te Hiku O te Ika	
Contract	
July Claim Amount	**$281,426**
Total spend to date	$1,127,087

KEY RISKS AND OPPORTUNITIES

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

1. 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.

2. 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. We have also been recently made aware of the need for thorough consultation on the use of Te Reo using correct place names and macrons in our signage.

3. 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.

4. 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. Regular fortnightly meetings are now in place to keep abreast of progress for all gateways.

Upskilling the local workforce

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

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

CIVIL DEFENSE EMERGENCY MANAGEMENT

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

NATIONAL EMERGENCY MANGMENT AGENCY (NEMA)

The National Emergency Management Agency, (NEMA) recently finalised its Strategic Framework to guide the sector in meeting the Government's vision for Aotearoa New Zealand's emergency management system. The framework is informed by more than a year of conversations with NEMA staff, partners, and stakeholders.

New Zealand's emergency response community has been enhanced with a third cohort joining **the New Zealand Emergency Management Assistance Team. (EMAT)** Thirteen new members have been appointed bringing the total to 46. The Emergency Management Assistance Team provides a national cadre of specially trained experienced emergency managers who can go wherever needed at very short notice to assist and support local teams to manage emergencies across all hazards and risks.

NORTHLAND CDEM GROUP

The Northland CDEM Group have been successful in their bid for **$30k from the NEMA resilience fund** to develop a Welfare Needs Assessment System (WELNAS). This system uses the NRC's ArcGIS Enterprise system commonly referred to as Portal to meet security and privacy requirements. The development of the software for this project is to be completed by June 30.

Northlands four councils have made the following provisions in their LTPs 2021-2031 for the Northland Civil Defence Group priority projects:

Organisation	Project	Funding	Year
Northland Regional Council	Multi-Agency Coordination Centre	$5.5 million capex $90k opex	2022-2023 2023 onwards
	Tsunami Siren upgrades	$2 million capex $1 mil per year $20k opex	2021-2022 2022—2023 2022 onwards
	Rural drinking water resilience projects	$500 capex/opex Yearly	2021 onwards

Organisation	Project	Funding	Year
Whangarei District Council	Multi-Agency Coordination Centre	$683k grant $11,200 opex ($5,600 Year 3) ($11,200 year 4–10)	2023-2024 2023-2024
	Tsunami Siren upgrades	$562k capex $1.791 million capex	2022-2023 2023-2024

Organisation	Project	Funding	Year
Kaipara District Council	Tsunami siren upgrades	$200k capex ($100k per year)	2022-2023 2023-2024

Organisation	Project	Funding	Year
Far North District Council	Tsunami Siren upgrades	$1.2 million capex ($400k per year)	202102022 2022-2023 2023-2024

As a result of northland councils LTP funding to replace the current **Northland Tsunami Siren Network Upgrade** key points are:

- The tender has been awarded to HSS Engineering Warning System Solutions
- The project will run over the next 3 + years to align with allocated LTP funding as it becomes available.
- There will be public education, consultation and Maori engagement for the placement / location and operation of the new alarms.
- The upgrade project will run alongside the existing network
- The old alarms will be decommissioned and removed from service as the new alarms are installed.
- Funding from council LTPs will be included in the annual renewal of the Shared Services Service Level Agreements and held by the Northland Regional Council to fund the project.
- Resource consents will be sought from the relevant councils.
- The project is to replace the current network assets.

Siren information - These are high powered voice electronic sirens – i.e.: siren will sound and have voice messaging capability. Rather than have an external party activate them (i.e.: Top Energy or North Power as is

currently the method) they are activated via an in-house control centre (Northland CDEM Group) with activation capability and silent testing mode (live health checks on each siren). They have remote activation capability, activation via satellite, cellular networks, and data networks.

They are connected to mains power supply, with solar back up for 6 days and a 30-minute activation life while running on solar power. Two sizes of siren are recommended. A 5 cell larger siren for industrial / city locations with a higher background noise capable of 153dB @ 1metre and a slightly smaller 3 cell siren for coastal communities with a lower background noise capable of 149dB @ 1metre. Life expectancy of siren = 30 years

Malinda Meads has been appointed the responsible Regional Emergency Management Adviser for supporting the Northland and Waikato CDEM Groups. Malinda spent two days in the North Hokianga and the Far North in June on a familiarisation visit to better understand the northland hazardscape and the challenges that brings with the remoteness of the FNDC communities.

The **Northland Youth in Emergency Services** programme was run throughout May and June, culminating in the final combined services exercise in challenging weather conditions followed by the graduation ceremony for the participants on 11 June. Although the planned programme had to be postponed in 2020 due to COVID-19, this was the was the eighth to have been run in Northland since 2014.

Below are some of the comments collected in feedback surveys from this year's participants:

- *The opportunity, the helicopter, loved all of it!*
- *I loved the first aid with St John and learning more about CPR. The final scenario day was the best.*
- *It helped me improve my decision making and gave me insight into the emergency services*
- *I enjoyed the Fire and Emergency stuff as it incorporated a lot of cool skills and aspects of firefighting, like first aid and other cool stuff. I also really enjoyed the helicopter*
- *It showed me what is needed for my future in becoming a paramedic*
- *I am very appreciative that civil defence gave me the opportunity to do this. Loved it and learnt so much. Have already signed up to be a volunteer firefighter.*

The Ministry of Youth Development (MYD) are continuing to support the Northland programme in 2021/2022. An application has been submitted with confirmation expected in the next few weeks.

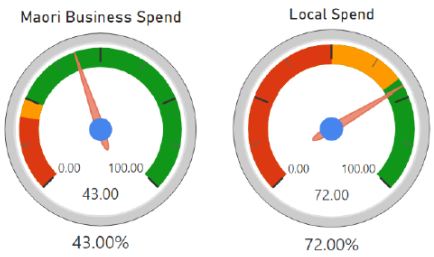
Far North meetings attended to improve community understanding and preparedness of CDEM for the month of June include, Ngati Kuri Iwi, Motuti Marae, Te Roroa Iwi, Kaumaumau Community Response Group, Kaitaia Business Association.

APPENDICES

SOCIAL PROCUREMENT

Social Procurement: Kerikeri Domain. Waipapa Sports Hub, Otiria Rugby , Te Hiku Revitalisation

Spend Data	
Procurements	81
Total Value	*Awaiting EOY report*
Local Companies Engaged	61
Average Value	*Awaiting EOY report*
Local Spend	*Awaiting EOY report*
Maori Business Spend	*Awaiting EOY report*



Based on Procurement commitments

Employment Data	
Total Working (accumulative)	210
Previous Unemployed	10
Maori	96
Apprentices	5
Women	90
Local	177

SITEWISE

Businesses Engaged	Early Stages	Progressing	Newly Qualified	Improved Score
42	13	5	14	10

SiteWise and Safety Training: District Wide

Safety Training	
Elevated Work Platform	19
Working at Heights	12
Confined Spaces	24&25 Aug
Hazardous Substances	28 Sep

FUNDING INITIATIES PROJECTS

Animal Shelters –
Northern Shelter

- Construction Completed by KPH Construction on 9th July 2021
- Practical Completion issued 15th July 2021, official opening of the facility Friday 23rd July.

Southern shelter

- Building Consent on hold for further information,
- Minor amendments to be made to plans to decrease QS where possible,
- Resource Consent Granted 7th July 2021,
- QS received amendments to be made to QS once amended plans are completed.
- Tender Award - delayed (Sept).
- Construction - delayed (due to commence Sept)

Kawakawa Safety and Streetscape Improvement Project - (SPL)
Project Status:

- Implementation ongoing: mural, flags, on-road artwork all designed.
- Local partner Kings Creative and contractor Downer working together to ensure smooth delivery.
- All planters built.
- FNDC web page online including surveys for feedback from public and additional info from local partners.
- Additional comms/messages around what was cut from plan in production with local partner – will be provided to FNDC's comms team.

Next Milestone:

- Monitoring July, August, September.

Kerikeri Domain Improvements - (SPL)

- Resource consent due August - then safety fencing, ramp decommission and demolition will follow shortly after.
- Site fencing will be installed week commencing 9 August.

- Skate Ramp Decommissioning - Decommissioning to commence mid-August weather permitting.
- Blessing - with Ngāti Rēhia and CE's office on Monday 16th August from 7am.
- Demolition contract awarded to local contractor TarMac. Prestart site walk taking place on Monday. the 9th August. Site establishment to commence Mon 16 Aug.
- Skatepark Construction - Circle D Construction (Dave Crabb) awarded contract to start Mid-September.
- Basketball - Local Maori Contractor (Buildflex) to start construction Early October.
- Playground - PLAYCO refining design to working party comment and site constraints. Updated concept to be provided to working party as soon as possible.
- Park path and softscape - Christine Hawthorne Landscape DRAFT drawings received. Currently being reviewed for amendment and final issue.
- BBQ areas - Stellar in direct contact with Urban Effects for supply. Urban effects supplying northland BBQ contracts so consistency in product selection.
- Fitness Equipment - PLAYCO to provide options to the Working Party Group with final playground layout.
- Finalised Overall Landscape plan - Combined landscape plan to be created before next working party meeting.
- Lighting - Awaiting final drawings.

Lindvart Park/Sportsville Kaikohe - (Griffiths)
- Resource consent granted dependent on stormwater work.
- List compiled of local civil works companies and process started.
- Contractor now on board.
- Canam have taken original Akau designs and are reworking them before building consent is applied for. Development is to be staged. We are looking at where cost reductions can be made and are talking to funders. This will not impact upon the build as paid for by the PGF but will lead to staged landscaping and fittings. There have been issues highlighted in wastewater.

Mangonui Waterfront Development - (FNHL)
- Detailed design complete. Building consent exemption granted by FNDC.
- Tender awarded to United Civil Construction Ltd. They have spent July procuring materials. They will establish onsite in August, and plan to complete works in early December.
- Most of the boardwalk construction works will be done via a barge. This will reduce disruption to road users and pedestrians.
- FNHL finalising amenity lighting design for the boardwalk.

Moerewa Safe Streets - (SPL)
Project Status:
- Implementation ongoing.
- Local partner AKAU and contractor Downer working together to ensure smooth delivery.
- Stencils for on road artwork created.
- FNDC web page online including surveys for feedback.

Next Milestone:
- Monitoring July, August, September.

Nga Haerenga - The NZ Cycle Trail Fund - Complete

Ngawha Innovation Park - (FNHL)
- Earthworks and civil work continues on both sites.
- 5 Tenants confirmed and others being worked on.
- Rain has severely hampered progress across all sites. This will affect completion times.
- 2 Construction Contracts have been awarded.

- Henwood Construction Ltd have been awarded the contract for the Innovation Hub Building.
- JR & LM Pattinson have been awarded the contract for Regent Training Centre.
- No work on Olivado site due to weather, and being stabilised until Sept/Oct.
- 4ha of poly tunnels completed.
- Internal roading for Berry site underway. Fertigation pad being prepared.

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 is currently not accepted by Bay of Islands Vintage Rail (BOIVR). Vintage Rail issued a Rail Access Track proposal report, and a review response was issued by Cycleway Team. It was agreed with the NAX Development Manager to resolve the final Stage 1 concept design in a Design Workshop (scheduled 24 Aug) attended by technical engineers for the Rail and Cycleway, the concept design agreed by the Engineers is to be recommended to NAX, FNDC and Vintage Rail.
The only works proceeding on the Cycle Trail are:

- Stage 1 Geotechnical investigation rescheduled for 26 July - 6 August. Complete. This was delayed from the original commencement date of 8 June due to caveats placed on the works by Bay of Island Vintage Rail.
- Archaeological Survey of Stage 2 & 3 area - survey complete with report pending.
- Topographical Survey to be carried out in August and will follow Te Raupo Rd.
- Te Raupo Rd: Maintenance gravelling works are complete, with tree removal to occur in August.
- Additional passing bay works completed.
- Ongoing consultation with Te Raupo residents is being led by Suzie Hati-Scott.
- Bridge design for Bridge T49 replacement in progress.
- Topographical Survey is to be rescheduled for August on further consultation with Te Raupo residents regarding their concerns.

Otiria Rugby Club - (Pamela-Anne Ngohe-Simon) Complete.

- Final report (JUL 2021) issued to MBIE (received complimentary feedback).
- Of the 7 businesses engaged, all 7 are locally owned (from Moerewa and surrounds).
- At the height of the Project, there were 15 ½ people working on it. 100% of people working on this project were local.

Before and after - shows external refurbishment of club, repaired

boundary fence, upgraded entrance and carpark

Local suppliers - Ngawati Diggers increased their Sitewise score to 58 to become an FNDC Supplier

Working at Heights Training conducted at the Otiria Rugby Club, provided FOC

Paihia Waterfront Development - (FNHL)

- Detailed Design underway.
- Detailed design of the eastern abutment ongoing.
- Dredging tender to be released early August with works to start by October. This will enable dredging to be completed and the new navigation channel created before the breakwaters are constructed. While there is some slippage of our internal programme, overall, we are on track to meet the 2023 completion date.
- FNHL met with the hapu at the Te Tii Marae on 7 July to discuss the project. Discussions ongoing.
- FNHL seek to engage local marae in kaitiaki and environmental monitoring roles during construction.
- Design of eastern abutment and beach width progressing- changes required due to lowered height of northern breakwater.

Pukenui Wharf - (FNHL)

- Detailed design complete.
- Resource consent granted, Exemption BC granted.
- Pukenui and Unahi tenders awarded to Total Marine Ltd. Pukenui Wharf demolished in June, with the contractors now delivering materials onsite to start construction of the new wharf.
- Commercial fishermen have been informed of programme well in advance and most are planning on using Mangonui Wharf during construction.
- Sea wall construction almost complete.
- 95% of the precast wharf deck panels and headstocks have been fabricated. Completion scheduled for November 2021.

Rangitane Boat Ramp - (FNHL)

- Detailed Design Underway.
- Consenting Underway.
- Fast track application approved by MfE.
- EPA application to be made in August with consent issued in December.
- Reports from ecologists, engineers and landscape architect show no adverse effects arising from the development.
- Residents group 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 –

- Seal extension construction works at Peria Road has been split into 5 sections, with Sections 1, 2, 3 and 4 fully completed last season. Good progress was also been made on Section 5 with Fulton Hogan undertaking clearing, earthworks, drainage and shoulder/pavement undercuts prior to preparing the site for winter. The final pavement construction and surfacing is programmed for early next construction season.
- Winter has thrown Peria Road some curveballs, with heavy rainfall events in July causing some slips on previously completed sections. We are investigating these with geotechnical engineers to identify the causes and ensure permanent repair of these is appropriate.

Ngapipito Road -

- To date, clearing/earthworks has been completed on Sections 1 - 4. Drainage and culvert upgrades are complete on Sections 1 - 3 and nearing completion on Section 4. Subbase pavement layer has been overlayed and compacted on Sections 1 - 3.
- Last month’s activities for Ngapipito Road focussed on continuing to cart in aggregate to bring the subbase to level, completing the drainage and continuing pavement construction for Section 1, 2 and 3 as weather has allowed.

- Pavement construction will continue, with final stabilisation and sealing programmed for early next season (on track for completion by December 2021).
- Bridge Upgrades - The design work for the first 6 bridges is complete and we have requested prices for this work. We are still on track for completion of bridge strengthening work by December 2021.

Strategic Roads - Ruapekapeka Road - (HC)

- Stage 1 is well underway with earthworks, drainage and subbase road pavement are complete.
- The relocation of the main fibre optic cable feeding the Far North has been completed.
- Progress of the unsealed portion to Hays Road intersection continued, with the exception of the big earthworks cut site, with the majority of the earthworks is now complete. Subbase and basecourse aggregate were overlayed and compacted completing majority of the unsealed pavement section. Now that the fibre cable has been relocated, earthworks, subbase and basecourse will recommence on the big earthworks cut site when the weather allows. Last month's activities for Ruapekapeka Road Stage 1 focussed on getting earthworks consent to move the fill from the large cut into the Department of Conservations carpark. This will ensure the large cut can be undertaken when the fine weather returns. In the meantime, during winter we are maintaining the new subbase pavement along the sealed section, and basecourse overlay is programmed early in the construction season, with surfacing programmed for completion by 30 October 2021.
- The delivery mechanism for Stage 2 is to utilise the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. The design for Stage 2,The tender for Stage 2 closed in July and is under evaluation now.
- The delivery mechanism for Stage 2 is to utilise 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. The tender was released in mid-June, with award on track for early September. Consultation with affected landowners has ramped up this month and it is pleasing to report that all affected parties have been very supportive and willing to work with us to achieve the best outcome for this project. Stage 2 includes the State Highway intersection improvements, but this scope of work has been separated from the seal extension tender. The design of the intersection has been completed. The engineer's estimate is higher than expected, due to unforeseen constraints for the right turn bay and we're working through a value engineering exercise. 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 been taking place with Te Ruapekapeka Trust for their inclusion of the intersection Pou.

Tai Tokerau Kaikohe Safe Streets - (SPL)

Project Status:

- Implementation ongoing – on road artwork in Recreation Rd has been marked out
- Local partner AKAU and contractor Downer working together to ensure smooth delivery
- Stencils for on road artwork created
- Signage install started
- FNDC web page online including surveys for feedback

Next Milestone:

- Monitoring July, August, September

Te Ha o te Ao - (Jitka Hyde)

- Memorandum of Understanding has been drafted and sent to Waka Kotahi 8/7/21. This is required by us before signing the Agreement as to Works to ensure all parties are in agreement with the obligations, and responsibilities. Now received 12/8/21.
- Now that we have Waka Kotahi's MoU points, providing FNDC and us agree, we will sign agreement. Estimate next two weeks.
- We are then planning to start actual construction on site with first task being installing the guard rail. The winch option has been chosen. Transport has been organized for the birds from Dunedin (Van Brandenburg Architecture) to Kerikeri via Toll transport company.

Te Hiku o te Ika Revitalization - (HC) –

- The current programme aligns closely with the deliverables specified in the project agreements, however we have 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. Last month we said the Kaitaia town square and Market Square are likely to be underway by August but not completed. FNDC have not yet secured the Foodstuffs property where the Town Square would be developed so August is not likely; we are aiming for December now. The Market Square has just had the procurement information sent through but it has not yet been presented to the panel for approval so more likely to be September start.
- Alleyways - Opening is scheduled for 14 Aug.
- Playgrounds Tender has been completed with the working group having a final say on the preferred supplier. Procurement is underway.
- 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.
- FNDC and the project team have set up an initiative to assist local, smaller contractors achieve Sitewise accreditation who don't currently meet this prequalification criteria. To date, 31 contractors have registered for this assistance. In addition to allowing them to work on this project, this accreditation will prequalify them for future continued work with FNDC. Through this process these contractors will be upskilled specifically in the Health and Safety at Work Act and their systems and processes will improve, resulting in safer workplaces.

Te Tai Tokerau Worker Redeployment Package - Complete

Te Tai Tokerau Worker Redeployment Package Var1 – Complete

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 Pukenui Excavators and Stonecraft as local subcontractors. Pukenui and Unahi to be awarded to the same contractor to save on establishment costs. Project works to start in July 2021.
- Total Marine fabricating precast concrete deck panels. Have procured materials.
- PE sleeves delivered to Pukenui Wharf ready for transport.
- Scheduled for completion Dec 2021

Waipapa Sports Complex - (SPL)

- Physical works for the improvements around the SH10 junction started.
- Once the tree felling was completed, it was discovered that the main Fibre cable running from Auckland to Kaitaia, a 200 Copper cable runs directly within the roots swell of the tree roots that needs

to be removed. The roots cannot be removed without damage to the cable. The cables need to be relocated. Chorus has completed the costing quote and awaits approval. This is delaying the SH10 works progress.

- After comments from the pre-application meeting, the concept layout was adapted to address some concerns from NTA. The new layout was presented to the working group and FNDC and accepted as the final layout.
- The Resource Consent was submitted in mid-July.
- Community engagement was undertaken at the end of July.
- Key work completed in the month of July 2021:
    - Acceptance of the new revised concept layout
    - Receipt of the draft Architectural concept design and agreement from the working group
    - Receipt of the draft landscape concept
    - Receipt of the draft lighting report and drawings

TE TAI TOKERAU WORKER REDEPLOYMENT PACKAGE – MONTHLY REPORT

PROVINCIAL GROWTH FUND TUAWHENUA

SUMMARY

Attached is the “Whangarei District Council Te Tai Tokerau Redeployment Package” CLOSE-OUT report.

Location and Region:	Te Tai Tokerau\Northland
Contracted Amount:	NZD$13,320,000 made up of: • $9.32M (original), plus • $4M (FNDC/WDC Storm Variation
Report Date:	19th July 221
Programme Outcomes:	• prioritise the employment of local workers displaced by the COVID economic crisis; • occur at pace, time being critical; and • assist in meeting the social procurement objectives agreed between the parties

Purpose

With work associated with the Te Tai Tokerau Worker Redeployment Funding programme now complete, this close out report has been compiled to cover the specific points outlined within the funding agreement.

I. Analysis of how the funding has allowed the Recipient to achieve the key outcomes of the Project;

Through administering the funding contract through Whangarei District Council, via the Northland Transportation Alliance (NTA), staff were able to leverage off existing Maintenance Contract arrangements to initiate works quickly and enable engagement of smaller local contractors. Several of these contractors faced uncertain futures following the level 4 restriction period and the injection of funding provided surety of forward works for a 6-month period allowing contractors to engage additional resources with confidence.

Early collaborative engagement with key stakeholders including Northland Council representatives, local MBIE staff, Ministry of Social Development (MSD), Te Puni Kōkiri and Northland Inc. ensured the programme Social Procurement objectives were developed and agreed to support the achievement of the programme deliverables.

Through relationships with MSD, workers impacted by COVID-19 were identified and engaged on short, fixed term contracts, with a significant number of these transitioning to full time employment following the completion of the funding.

The funding also provided the ability to provide formal training to many of the newly engaged workers, positioning them well to take advantage of employment opportunities in the future.

The original funding allowed for previously identified, high labour content works such as hazardous and self-seeded tree removal, roadside weed clearance, roadside litter collection, parks and waterways clean-up, footpath and walkway construction etc. to be undertaken. A significant portion of this work had not historically been able to be completed by Councils due to insufficient funding and, through this programme, the levels of service in these areas have been lifted significantly for the wider Northland Community.

II. How the funding has reduced the economic impacts of COVID-19 in Te Tai Tokerau Region;

The engagement of at least 294 workers on this programme (111 of whom were previously unemployed) ensured that a significant proportion of the funding returned through the Te Tai Tokerau local economy.

Approximately $5.035m (54% of Original Programme funding) reported as being awarded to, and completed by, Locally owned Northland enterprises. The balance of the expenditure was completed by Northland's Tier 1 roading maintenance Contractors (Fulton Hogan, Downer, Ventia) who, although not locally owned, provide for significant local employment and procurement of goods and services.

III. The number of jobs created, and number of workers redeployed, during and resulting from the Project;

Final reconciliation of employment numbers has confirmed that of the total 294 people reported as working on aspects of the original programme, 111 of the workers engaged on programme works were previously unemployed (an increase of 13 compared to the 98 previously reported).

With the majority of the funded works associated with the engagement of previously unemployed workers finishing between November 2020 and February 2021 it is extremely encouraging to note that at least 85% (103) of those employed specifically for the programme remain permanently employed in July 2021, either through transitioning to fulltime employment with the respective contractors or utilising the skills and training acquired on the programme to secure alternate employment.

Funding Employment Outcomes summary	Total People Working	Previously Unemployed	Youth (15-24)	Māori	Pasifika	Women
Funding Items 1 -> 15	294	111	72	126	25	50
Original Target	165	50	30%	45%	5%	20%
Comparison to Original Trarget	+129	+61	44%	76%	15%	30%
Redeployed worker reported as being retained in continued employment		103				
Percentage of redeployed workers reported as being retained in continued employment		93%				

An example of the employment success is feedback received in July 2021 on the redeployed workers engaged to complete the Northland Regional Council works, completed in November 2020:

- Of the 11 people we had employed on the "River Toa" project:
  - *8 have carried on into full time employment*
  - 2 have gone into further training/tertiary education, and
  - *Only 1 has returned onto benefit.*
- *Of those 8 people that have stayed in full time employment all have completed a level 2 qualification and one of those* is *now a crew supervisor.*

In addition to the employment opportunities provided, employers engaged in the works facilitated upskilling and training of the redeployed workers. In addition to basic company induction, on-boarding and workplace safety training, across the programme formal training provided to redeployed workers included:

General Safety training:

- Demonstrate knowledge of workplace health and safety requirements (NZQA ID 497)
- Apply safe work practices in the workplace (NZQA ID 17593)
- Apply hazard identification and risk assessment procedures in the workplace (NZQA ID 17602)
- First Aid / CPR training
- Sitewise Green accreditation
- Construct Safe

Traffic Management training:

- Traffic Controller
- Site Traffic Management Supervisor (STMS)

Vegetation & Arboriculture related training:

- Growsafe certification (A practical course for those working under supervision and first-time agrichemical users who need practical training)
- Demonstrate knowledge & rules of chain saw use (NZQA ID 6916)
- Demonstrate basic chainsaw knowledge (NZQA ID 6917)
- Tree Felling Machine Assist Qualification
- National forestry qualification - Level 2
- National certificate in arboriculture - Level 4
- Forestry Foundation - Level 2
- Working in Harvesting Operations - Level 3
- Advanced Harvesting Operations - Level 4

Through the provision and completion of this training, most of the redeployed workers gained formal NZQA qualifications, positioning them well to take advantage of employment opportunities in the future.

IV. How the project has increased social inclusion and participation;

Contractors involved in the delivery of the programme liaised closely with local Community groups where appropriate to maximise employment opportunities and enable input to achieving successful outcomes. This included:

- Arrangements put in place with contractors focussed on working collaboratively with community and other groups to reuse by-products where possible.
- T8 communicated the availability of wood via social media and a give a little page for local distribution
- Profits from the firewood generated work on Waipapa Rd were used to support Junior Rugby in Kerikeri.
- Waterways Ltd is a small locally owned business focussed on the noxious weed and rubbish clearance from wetland areas, irrigation ponds and the like. Waterways were involved with pest plant eradication and wetland area clean-up at Mangawahi Community Park and as part of the delivery of this works worked with Youth Space to provide work and upskilling opportunities for several youth.
- Hauraki and Sons has a new young work force that are developing a range of skills on the job through formal and informal training pathways.

V. How the project has contributed to Maori development (if applicable);

Approximately *$1.38m (15% of Original Programme funding)* reported as being awarded to, and completed by, Local Maori / Pasifika owned Northland enterprises

At least 126 staff engaged in delivering the programme were recorded as Maori, with a significant number engaged in formal training and development programmes.

VI. How the project has contributed to New Zealand's climate change commitments and environmental sustainability (if applicable);

The programme funding provided for approximately $900k of roadside litter collection work to be completed along Northland state highways and local roads, with a further $205k contributing to targeted clean-up of illegal dump sites endangering Northland's waterways. The volume of rubbish collected was estimated as:

- **NRC Waterways –** over 20 tonnes of illegally dumped refuse removed from Northland rivers and roadsides.
- **Council roadside** – Over 2000 individual bags of rubbish, several fridges and tyres removed from berms areas along Northland Council's local roads
- **State Highways component -** Over the duration of this programme up to 20 tonnes of litter was been collected from roadsides on the Northland State Highway network

As part of the Waka Kotahi programme 21 anti-litter signs were also installed at identified litter hot spots.

Further environmental initiatives associated with the programme works included:

- Wood from FNDC activities was offered to the Fred Hollows fund raising group for firewood sales
- Firewood and mulch have been stockpiled for use by local residents
- Most of the wood removed from the Waihue site has been stockpiled in the Awakino Road refuse centre for future processing into firewood and made free for the community.

- The works being undertaken by Orang Otang Tree Trimmers included mulching of tree waste for reuse as ground cover, recovering of gum stems for use as landscape edging and recovery as firewood for community groups.
- The works undertaken by Turf Tamer involved a process of mechanically mulching in-situ which provide an initial ground cover prior to further treatment/revegetation.
- Wood and mulch distributed to Lions, Matea Trust & local residents.
- The removal of pest plants by predominantly using cut and paste method reduced the chemical usage in the environment.
- Chipping of the self-seeded roadside trees for use as mulch reducing green waste to landfill.
- At Ruakaka Wildlife Refuge a great environmental outcome and the recent inspection found Pingao and Spinifex establishing well, sand starting to build up around new plants, recent target of Ice Plant across foredunes dying back, Buffalo Grass throughout Muehlenbeckia dying off and the Training Daisy outbreak all dead
- 80% of the new fence on Tikipunga cycleway was re-constructed from re-cycling the existing fence, reducing waste to landfill.

VII. How the Project has increased regional and national resilience by improving critical infrastructure and/or growth and diversification of the economy;

The additional $4m storm response variation ($2m FNDC / $2m WDC) provided the ability for these two Councils to not only accelerate completion of repairs from the July 2020 storm, but also to undertake

these repairs in a way the allowed for upgrading of the infrastructure to lessen the likelihood of similar damage in the future. This included upsizing of culverts, installation of curb & channel, undertaken flood plain mapping etc.

VIII. Additional information - Funding expenditure summary

As demonstrated in the summary table below, programme expenditure was reduced on high material / plant items (e.g. sight rail improvements and grading) to allow for targeted and increased focus on labour intensive works that generated and supported employment opportunities.

Programme expenditure summary by actvity type

Project Element	MBIE Funding Received	Final Project Expenditure	Variance as @ end June 2021
Waka Kotahi - State Highway Activities			
1. Removal of self seeded roadside trees	$ 300,000	$ 1,260,000	$0.00
2. Roading sightline improvements and vegetation clearance	$ 460,000		
3. Roadside litter collection and clean-up	$ 500,000		
	$ 1,260,000	***$ 1,260,000***	***$ -***
Northland District Councils - Roading Activities			
4. Removal of known Road side hazardous trees	$ 1,800,000	$ 1,852,548	$52,548.23
5. Removal of self-seeded roadside trees	$ 870,000	$ 912,099	$42,099.39
6. Roadside litter collection and clean-up	$ 470,000	$ 460,432	-$9,567.78
7. Spot Spraying Noxious Weeds	$ 250,000	$ 277,498	$27,497.64
8. Sight Rail Improvements (3# districts)	$ 200,000	$ 147,073	-$52,927.16
14.New Footpaths (3# districts) missing links in existing urban network	$ 1,500,000	$ 1,501,000	$1,000.00
15.Accelerated Unsealed network grading program	$ 370,000	$ 199,451	-$170,549.32
	$ 5,460,000	***$ 5,350,101***	***-$109,899***
Northland Councils - Parks & Waterways Activities			
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangi	$ 1,600,000	$ 1,604,952	$4,951.99
10.Whangarei District Council Parks - Vegetation clearance & clean ups	$ 200,000	$ 600,000	$0.00
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	$ 400,000		
11.Far North District Council Parks - Vegetation clearance & clean ups	$ 200,000	$ 205,573	$5,572.66
12.Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	$ 200,000	$ 202,451	$2,450.68
	$ 2,600,000	***$ 2,612,975***	***$12,975***
WDC & FNDC - Additional Storm Funding			
16.WDC Flood Damage repairs	$ 2,000,000	$ 2,074,524	$74,524.36
17.FNDC Flood Damage repairs	$ 2,000,000	$ 2,115,617	$115,617.46
	$ 4,000,000	***$ 4,190,142***	***$190,142***
Total	***$ 13,320,000***	***$ 13,413,218***	***$93,218.15***

Expenditure Notes –

- *Expenditure figure re-confirmed for all activities as at 30th June 2021*
- *All activities related to this work are 100% funded by MBIE with any related overspend covered by the entity concerned*
- *Expenditure figures above exclude any costs associated with internal Council programme support resourcing*

IX. Additional information - Funding activity example photos

Roadside tree clearance

Before *After*

Before *After (reverse view)*

Litter Clearance

Jude and Karyn are Kaipara locals who are passionate about their community, seen here with Deb Harding (social procurement support) and have a personal sense of satisfaction clearing away the litter and leaving "Papatuanuku" healthier. They love working in the outdoors although are challenged with the hazards of overtaking cars, broken glass and steep drains. Within 500 metres they have filled 10 rubbish bags. The most collected rubbish items are disposable baby nappies, plastic lunch containers, alcohol bottles and cans. Some positives are that locals stop to thank and acknowledge them for their work, and they have retrieved old toys that that they have recycled and given a new life!

Illegal dumping clearance of Northland's waterways

Example NRC Identified dump site

Weed clearance - Ruakaka wildlife refuge project

2 Rec Services workers (left hand side) and 2 new workers.

Footpath works

First stage of Tikipunga shared path

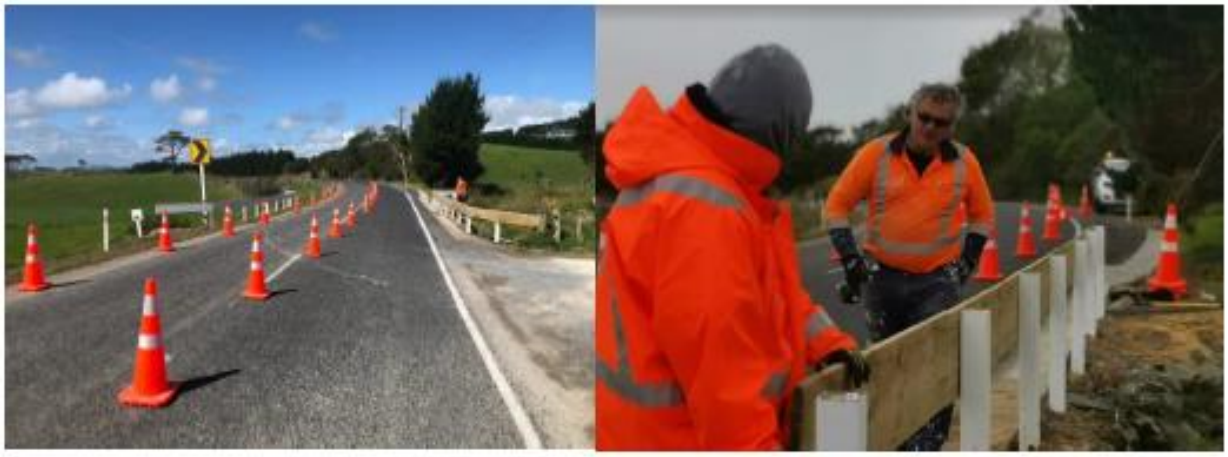
Gillingham Road

Matakohe Shared Path

Taipa Point

Signal Staion Road

Sight rail upgrades



Storm damage upgrades

Mine Rd Stage 1 Water table reconstruction

Puna Rere Dr Water-table Restoration

Whangarei Heads Rd Stormwater control

Memorial Dr Footpath Retaining wall

FNDC 20/21 CAPTIAL AND RENEWAL PROGRAMME UPDATED

JUNE UPDATE ***(NOTE – as budgets are yet to be finalised – updates will come through in September)***

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
125 - Footpath Maintenance	Footpath Renewal	Te Hiku Ward: Refer RAMM for list of sites.	100%	Complete	Complete	3	
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.	100%	Completed	Completed	3	
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.	97%	Completed	Completed	3	
140 - Minor Events	General Maintenance	Iwitaua Road RP 14005	100%	Complete	Complete	3	
140 - Minor Events	General Maintenance	Paponga Rd RP8886 Slip Remediation	100%	Complete	Complete	3	
140 - Minor Events	Resilience	Waikare Road - various locations	91%	Construction was completed during the period under review	Completed	3	
141 - Emergency Works	Resilience	Diggers Valley Rd	100%	Complete	Complete	3	
141 - Emergency Works	Resilience	Fairburn Rd	100%	Complete	Complete	3	
141 - Emergency Works	Resilience	West Coast Rd RP 9563	100%	Complete	Complete	3	
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552	100%	Completed	Completed	3	
141 - Emergency Works	Resilience	PLACEHOLDER	#DIV/0!	n/a	n/a	1	$82,350.08 of budget made surplus in May 2021 as projects constructed within budget.
212 - Sealed Road Resurfacing	Sealing Chip seal	North region (CS - 31.4km, TAC - 0.632km)	100%	100% complete with exception of one site (Fairburn Road)	complete	3	Nil
212 - Sealed Road Resurfacing	Sealing Chip seal	South Region (CS -37.99km)	100%	Chip sealing complete	complete	3	Nil
212 - Sealed Road Resurfacing	Unsubsidised Resurfacing	various	36%	Program completed	Complete	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Rehab design and investigation and t/Sheet	n/a	Testing in progress	Testing in progress	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Broadwood road	115%	Site complete	close to PCC issue and commencement of DLP	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	101%	Completed.	issue PCC when RAMM data received	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Okaihau Road	139%	Complete	Project close, issue of PCC, commencement of DLP. Need RAMM data.	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Pawarenga Road	94%	Site2/3 pavement build up for 21/22 rehab section laid, to remain unsealed during winter season. 20/21 rehab completed. RAMM data received.	Issue PCC and commence DLP. monitor unsealed section for surface and running course maintenance	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	120%	complete	DLP period	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Purerua Road	109%	complete	DLP period	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Waimatenui/Mataraua Road	87%	PCC issued, RAMM data complete		3	
214 - Sealed Road pavement rehabilitation	Rehabs	Contract management fixed cost.	100%	n/a	n/a	2	
215 - Structures Component Replacement	Bridge	Churtons Road Bridge C13	-30%	Tender Documents ready for next financial year's tendering.	Ready to tender. On hold until LTP and RLTP approved	3	
215 - Structures Component Replacement	Bridge	Contingency for any overruns and testing, designing for next FY and T/Sheets	0%			3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
215 - Structures Component Replacement	Bridge	General Bridge maintenance	93%	Practical Completion	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Grove Road Bridge M28	48%	Tender Documents ready for next financial year's tendering.	Ready to tender. On hold until LTP and RLTP approved	3	
215 - Structures Component Replacement	Bridge	Heavy Bridge Maintenance (Nth & Sth)	100%	Defects liability period for South. Scope for North 19/20 contract has been added to this year's General Bridge Contract 20/21.	Defects liability period for South.	3	
215 - Structures Component Replacement	Bridge	Hihi Road Bridge F07	84%	Tender Documents ready for next financial year's tendering.	Ready to tender. On hold until LTP and RLTP approved	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D42	92%	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D47	16%	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	3	
215 - Structures Component Replacement	Bridge	Kenana Road Culvert E94	46%	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	3	
215 - Structures Component Replacement	Bridge	Matai Bay Road Bridge C03	53%	Tender Documents ready for next financial year's tendering.	Ready to tender. On hold until LTP and RLTP approved	3	
215 - Structures Component Replacement	Bridge	Scour protection (North and South)	49%	Defects liability period	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Scour protection across the network	119%	Practical Completion	Defects liability period	3	
324 - Road Improvements	Lighting	District wide	97%	Completed	Complete	3	
341 - Low Cost Low Risk	Assoc Improvements	Northern & Southern Area: Associated improvements on 2020/21 pavement rehabilitation sites	94%	Construction	Completion	3	
341 - Low Cost Low Risk	Bridge	Puhata road	101%	Tender Documents ready for next financial year's tendering.	Ready to tender. On hold until LTP and RLTP approved	3	
341 - Low Cost Low Risk	Bridge	Kaihikatoa Road	96%	Tender Documents ready for next financial year's tendering.	Ready to tender. On hold until LTP and RLTP approved	3	
341 - Low Cost Low Risk	Bridge	Kaitaia-Awaroa Road Culvert D41 Replacement	82%	Tender Documents ready for next financial year's tendering.	Ready to tender. On hold until LTP and RLTP approved	3	
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	102%	Defects liability period	Defects liability period	3	
341 - Low Cost Low Risk	Bridge	Quarry Road (Awanui) Culvert B13 Replacement	112%	Design is ready. Physical Works moved to 22/23 as per latest FWP.	Design is ready. Physical Works moved to 22/23 as per latest FWP.	3	
341 - Low Cost Low Risk	Bridge	WekaWeka Road Culvert J18 Replacement	129%	Design is ready. Physical Works moved to 22/23 as per latest FWP.	Design is ready. Physical Works moved to 22/23 as per latest FWP.	3	
341 - Low Cost Low Risk	Bridge	West Coast Road G01	61%	Temporary crossing done and demolition of one abutment.	Piling activities on-hold due to Top Energy not issuing close proximity permit.	1	1.) On-going Panguru flood mitigation project adjacent to the bridge. 2.) Likely not going to be completed this financial year due to Top Energy issue.
341 - Low Cost Low Risk	Cycleways	Keith Kent 20/21 & 21/22 projects. Ped & Cycle Traffic Calming Improvements	90%			2	No updates provided from safety team
341 - Low Cost Low Risk	Future designs	PLACEHOLDER for advance design of 21/22 projects	#DIV/0!	n/a	n/a	1	Will not be delivered in 20/21 as have not received programme or brief
341 - Low Cost Low Risk	Lighting	Various District Roads	103%	Construction mostly complete other than a few aspects that require Top Energy involvement.	Completion of small portion of works once Top Energy have completed their part.	2	Some minor works to be completed in July.
341 - Low Cost Low Risk	New Footpath	North Park Drive - Whangatane Drive, Kaitaia	100%	Completed	Complete	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	143%	Construction	Completion	2	Project overun into July to complete additional externally funded improvements as directed by council
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln	135%	Construction	Completion	2	Project overun into July to complete additional externally funded improvements as directed by council
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - Dominion Road	194%	Construction progressing	Complete construction	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue	178%	Completed	Complete	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd Rangikapiti Rd to Richmond Rd link	100%	Construction deferred as agreed with CB.	n/a	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd to Rangikapiti Rd	62%	Construction deferred as agreed with CB.	n/a	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: SH1 Harbour View Rd to private access	157%	Construction	Completion	2	Construction overun into July to accommodate additional externally funded improvements on Foreshore Rd as directed by council.
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	103%	In construction	Issue PCC and complete PACE assessment	3	
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Te Taipui Rd to Matauri Bay School Link	113%	Completed	Issue PCC and complete PACE assessment	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound	100%	In construction	Issue PCC and complete PACE assessment	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	100%	In construction	Issue PCC and complete PACE assessment	2	Delays to resolve resident concerns have increased costs (de/remobilise) and affect delivery this financial year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95	99%	Completed	Issue PCC and complete PACE assessment	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Opononi Footpath - Waianga Place	100%	Completed	Completed	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Taumataiwi St Opononi	101%	Completed	Issue PCC and complete PACE assessment	3	Completed
341 - Low Cost Low Risk	Pedestrian Improvements	Hobson Ave Ped Crossing	54%			2	No updates provided from safety team
341 - Low Cost Low Risk	Resilience	Kaitaia Awaroa 26991 (c/o from 19/20 currently in construction)	110%	Construction largely complete - some defects still to be resolved	Construction largely complete - some defects still to be resolved	3	
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Taupo Bay Road RP 8816 & 9169	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Wainui Road RP 7200	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	West Coast Rd RP16005	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Long Beach Road RP 294	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Resilience	Panguru Road	87%	Issued PCC for works completed last year November	Completed but additional modelling is underway to address some minor defects.	3	
341 - Low Cost Low Risk	Resilience	Waikare Road - mitigation contract	79%	Completed	Completed	3	
341 - Low Cost Low Risk	Resilience	Wharekawa Rd RP 3633	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Resilience	Unallocated	#DIV/0!			3	Costs redistributed to relevant prioritised projects
341 - Low Cost Low Risk	Resilience	Aucks Road RP2016	73%	Additional site investigation completed and nearing completion	Finalize Detailed Design	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Resilience	Beach Road RO400	92%	Additional site investigation completed and nearing completion	Finalize Detailed Design	3	
341 - Low Cost Low Risk	Resilience	Powell Road RP209	99%	Contract Award and construction	construction	2	Delivery extends in to 2021-22
341 - Low Cost Low Risk	Resilience	Powell Road RP92-169	116%	Almost completed	Defects phase	3	
341 - Low Cost Low Risk	Resilience	Sullivans Road	97%	Completed	Practical completion and defects period	3	
341 - Low Cost Low Risk	Safety	Keith Kent 20/21 & 21/22 projects. Audible Tactile Profile/Structural Road Markings (HRRR WC341)	97%	Coastline on site - works on-going	On-going construction at various sites	2	Contractor behind programme establishing on site but has provided assurance that has sufficient resources on site to complete works.
341 - Low Cost Low Risk	Safety	Keith Kent 20/21 & 21/22 projects. Roadside Barriers (Guardrails) and Associated Improvements	67%	Ventia on site - works on-going	On-going construction at various sites	2	Contractor behind programme. Risk of wet/cold weather in June adversely affecting delivery.
341 - Low Cost Low Risk	Safety	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	100%	Completed	Complete	3	
341 - Low Cost Low Risk	Safety	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294-330	80%	Completed	Issue PCC and complete PACE assessment	3	
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Long Beach Road improvement	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Panorama Ln Improvements	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaeawai (Te Ahu Ahu & Old Bay Roads)	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	BOI-Whangaroa Ward: Ped Bridge near Main St Bridge	100%	Plan and bridge options design completed	Approach NZTA and NRC for consent requirements and draft timelines to complete the final design and forward procurement schedule	3	
341 - Low Cost Low Risk	Safety	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	64%	Construction	Complete construction	2	Delivery extends in to 2021-2022
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	103%	Inspections for Practical Completion are underway.	Defects phase	3	
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	121%			3	Project added to programme November 2020 for delivery through safety team. Updates pending.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017	99%	Final sealing and linemarking completed in April.	Confirmation of decision for safety audit items and installation of any items as required. To be followed by post completion snag list audit. RAMM data needed.	3	Site now complete - noted Logging operation in progress on side road within site, may pose some stress to new sealed surface - monitor
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	117%	site complete	project close to issue of PCC, commence DLP. RAMM data to supply	3	low minimal issues.
341 - Low Cost Low Risk	Sealing Chip seal	Parapara Rd 0-250	99%	Updates to be supplied by NTA Maintenance team	Updates to be supplied by NTA Maintenance team	3	
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	No progress made	Shift this project to next year 2021-2022 delivery plan	1	Ongoing delays on agreeing location of pou with hapu is impacting programme. Hence will not deliver this financial year.

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
Footpath Renewal Unsubsidised	Footpath Renewal	SH12 Opononi	86%	Complete	Complete	3	
New Footpaths - Unsubsidised	New Footpath	North Park Drive - Whangatane Drive, Kaitaia	100%	Complete.	Complete	3	
New Footpaths - Unsubsidised	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	103%	Construction commenced Apr 21	Continue construction	2	Scope increase to include externally funded improvements as directed by council impact ability to complete works package by end June.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	0%	In construction	Issue PCC and complete PACE assessment	2	Delays to resolve resident concerns have increased costs (de/remobilise) and affect delivery this financial year.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward:Placeholder - Community Board to advise	0%			1	CB have chosen not to spend this surplus. Surplus used for overspend on other KHCB footpath projects.
New Footpaths - Unsubsidised	New Footpath	Long Beach Road footpath corner to carpark-Russell	100%	Completed	Completed	3	
New Footpaths - Unsubsidised	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	84%	Construction	Complete construction	2	Delivery extends in to 2021-2022
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	16%	Completed	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	100%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	100%	Complete	Complete	3	
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	100%	Complete	Complete	3	
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	100%	Completed	Defects period ends Oct 2021	3	
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	93%	Completed	Defects phase	3	
Resilience - Unsubsidised	Resilience	Panguru Road	70%	Site inspected and snags identified have been remedied appropriately. Also issued PCC.	Complete post construction safety audit, design for power pole lifting and probably commence pole lifting.	1	Will not fully complete project this FY due to dependencies on separate bridge improvement project which is currently being constructed but delayed. Accordingly, pavement tie-in to the bridge and lifting of non-compliant poles deferred to next FY.
Seal Extension - Unsubsidised	Seal Extension	Balance of carry-over amount from 19/20	0%			2	
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380	87%	Site complete	issue PCC and start DLP when RAMM data complete	3	
Seal Extension - Unsubsidised	Seal Extension	Puketi Rd RP 0 - 1000	75%	Site complete	issue PCC and start DLP when snag list and RAMM data complete.	3	
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road	95%	sealing 98% complete. 100m to complete post cattle underpass completion.	complete (driveway and drainage) snag lists. Awaiting completion of cattle underpass and associated drainage work. Complete drainage improvements. Repair storm damaged roadside drains, clear drop pipe and culverts. Installation of guardrails and shoulder support improvements to complete post underpass.	3	
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	81%	Completed	Defects period ends Sep 2021	3	
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	111%	program 80% complete	Complete	3	Nil
Walking Facilities - Unsubsidised	New Footpath	Contingency	99%			3	Contingency for New Footpaths programme. Cost exceeded budget for Signal Station Road and additional budget was used from Walking Facilities ($56,273.5 has been paid for additional cost for the Road)

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

EXECUTIVE SUMMARY

July was as close to a "routine" month as we have had all year with the inevitable Winter slow down finally arriving but for only a short time. We attended to a few after hours call outs with some smaller localised weather events. The most decent was on 13/7 with trees and slips coming down in a couple of areas, fortunately no significant impacts on the network.

Ngapipito Rd and Pungaere Rd works continued to progress well, and both are in a good position heading into Spring for an early completion.

Ventia held the first of two presentations to the team which was also attended by some NTA/FNDC staff along with various sub-contractors to introduce our new critical risk protocols, the morning was well received with some good discussion from around the room on certain points.

The last link to be added in the footpath from Haruru to Waitangi was completed and has received a lot of good feedback, it was a great job to be involved in with a lot of aspects involved to retrofit into the existing levels/shape of the carriageway.

Some not so good news again is the sign vandal has started to appear unfortunately which is costing us all time and money. Nobody has caught him yet but lots of us are keeping an eye out.

A great afternoon of shared experience between the Ventia branches - Kaipara, Puketona and NTA staff was held to learn more about each other's networks and improve relationships. The learnings then extended into a ten pin event and dinner to celebrate year 3 of the contract coming to an end and a chance to reflect on a busy year for all.

In late August we are looking to commence the preseals and pavement rehabilitation preliminary works to get a good start on the busy construction season ahead of us all.

WORK PROGRAMME

A total of 1595 individual work items were completed throughout the month of July which 1498 were routine find and fix issues, 35 were cyclic or part of annual rounds, 34 were programmed works, 2 were renewals/capital projects, and 27 were callouts or emergency response works.

August 2021 forward works programme has been submitted in RAMM.

Kerikeri Rd & Aucks Rd (13/7/21) –
Tree down and Slip Removal

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in July:

- 65 sealed potholes repaired
- 1806 unsealed potholes repaired
- 321 km of unsealed roads graded equating to 40% of the total unsealed network.

Waiare Rd – Pothole Repairs

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in July:

- 297 Culvert ends cleared
- 313m of heavy water tabling
- 25m of light water tabling
- 0m Culvert pipes replaced/new

Hupara Rd – Routine culvert end clear with small section of water tabling to ensure adequate drainage.

ROUTINE INSPECTION REPORT

Sealed - There are currently 0 sealed inspections running overdue.

Unsealed - There are currently 2 un-sealed inspections running overdue.

Drainage - There are currently 0 drainage inspections running overdue.

	Contractors Monthly Inspections (km)	
	North Area	**South Area**
Week 1		108.628
Week 2		608.887
Week 3		510.890
Week 4		416.801
Week 5		**298.708**
Total		**1943.905**

ORDERED WORKS

345m² of footpath replacement/renewal were completed in July.

The footpath team spent the majority of July completing the guardrail/footpath installation on SH11 Haruru.

Near the end of the month, they headed over to Rawene to pour the approaches to a newly paved speed table installed near the Hospital to slow traffic down heading down to the bottom end of town. Final touches

being completed in the first week of August.

Parnell St, Rawene – Speed Table installation

METALLING TOTALS

2044m3 of maintenance metal was applied to the unsealed network.

Pakaru Rd – Maintenance Metalling

Oetzman Rd – Maintenance Metalling on a blue bird day

ROAD FURNITURE ACTIVITY

- 39 new signs installed or replaced (damaged or missing)
- 22 signposts replaced/new
- 75 signs re-re-erected or straightened
- 6 signs/posts cleaned
- 11 posts painted

Waimatenui-Mataraua Rd – Bridge end marker replaced

Kerikeri Inlet Rd – New PW66 installed on new posts following vandalism

PAVEMENT REHABILITATIONS

Seal Extensions

Pungaere Rd – RP8820 - 12410

Drainage improvements completed in the last week of July with the final pavement seal past the box culvert booked in for early September.

Pungaere Rd – Concrete pumping a new swale in a high discharge area

Ngapipito Rd – RP3500 - 8435

Subbase placement continued through July with a push in August to run in basecourse through some sections to be able to stabilise and seal from September to October. Large 1200mm culvert replacement still in planning phase with NRC.

Ngapipito Rd – Culvert Installation along with a bit of on-the-job dumpy level training by Tony

Ruapekapeka Rd – RP4500 – 5800

In a holding pattern through winter until a September recommencement with basecourse placement booked.

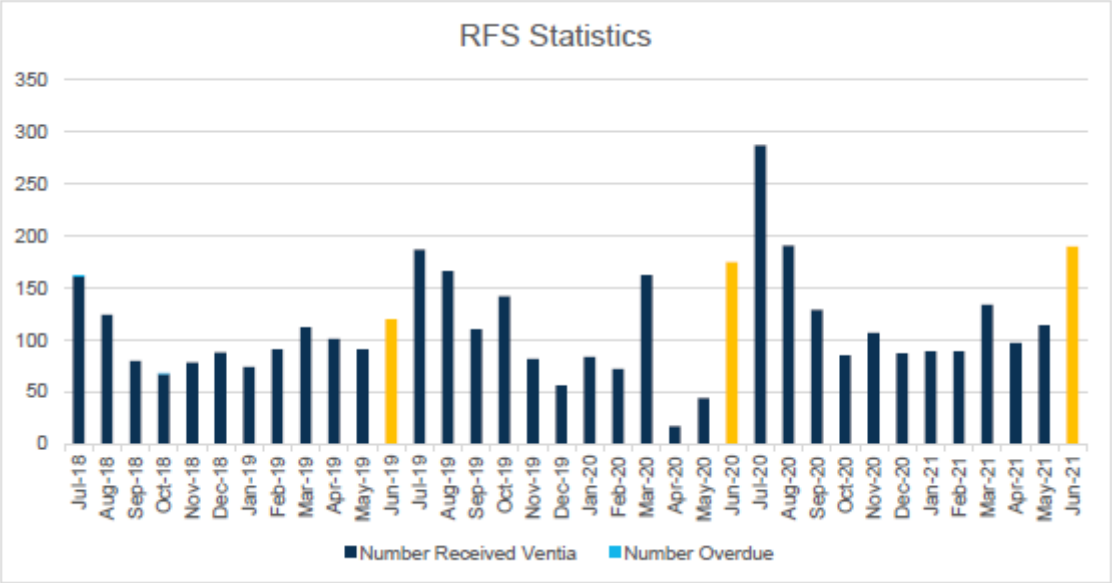
21/22 pavement rehabilitation preparation continued with designs well underway. Survey of each site completed, safety audits received and an early start to the footpath replacement commencing in August on Kings Rd, Paihia. Making the most of the tourist off peak season and the concrete team's gap in programme.

ROAD ACCIDENT REPORT

No road accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for June were available at the time of this report. Ventia received 190 service requests during June 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. In June year on year being a Winter month we receive a lot of RFS's which are water related from shoulder wash outs, blocked drains to slips and potholes on the unsealed network. June 2021 was no different as you can see by the highlight bars below.



COMPLIMENTS

We received the following compliments in July:

1) Subject: SH 11 Waitangi to Haruru Footpath Complete EXCELLENT

Tena koutou

Steve Mutton, Jacqui Hori-Hoult, Peter de Graff

The footpath is now complete so it is safe to walk and cycle the "loop" from Waitangi to Haruru Falls and back to Paihia.

The completed work looks excellent.

Nga mihi 'customer'

Paihia

2) Subject: Re: RFS 4067xxx

Kia Ora Cheryl

I have noticed the grader has been around on the Horeke/Taheke Road, doing a great job on those corrugations. Much appreciated to the workmen out on the roads doing their darnest.

Thanks for the response. Awesome keep up the great communications.

Nga Mihi 'customer'

RAMM ISSUES

Some glitches and error messages reported by the patrols in Pocket RAMM, 1 ticket sent to RAMM support. Issues were fixed by deleting database and maps on tablet and doing a fresh sync. No other issues reported.

HEALTH AND SAFETY

No lost time injuries in July. A summary of near misses and incident reports is included as a separate file to this report.

At Ventia it is a mandatory requirement to carry out first aid training every 2 years as a refresher. This year was a particularly big year with over 30 staff retrained through June and July.

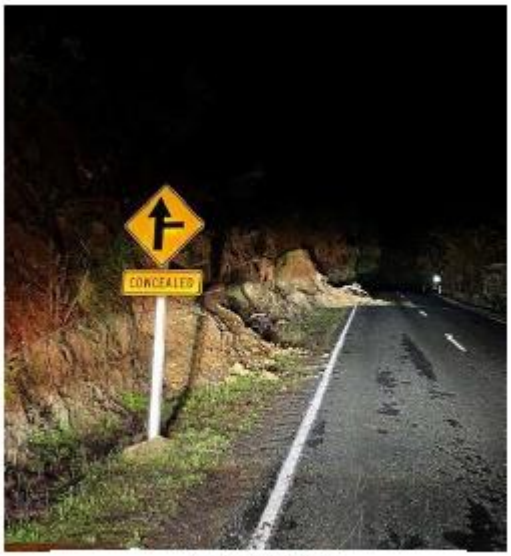
In July Ventia introduced there new CRP (Critical Risk Processes). Part 1 of 2 done with all sub-contractors invited along to promote a culture of all contractors working towards a safer, better prepared industry.

Cummo practicing his first aid on Neville. Lying around.

ENVIRONMENT

In July we had no notifiable incidents to report.

A small number of minor slips occurred during the month due to short intense weather events.



Aucks Rd Slip

ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

Routine and cyclic rounds start at the financial year.

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

COMMUNITY ENGAGEMENT

In July we helped sponsor a great cause assisting Autism New Zealand with an event for the children and their caregivers at the Far North Special Needs Children's movie night. It was a hit with the kids!!!

AUTISM NZ
Every step together

A good news story from last year's MBIE redeployment; Gaylene has been an excellent positive member of our temporary labour team since September 20 on the various MBIE projects and as a result in July 21 has been brought on as permanent member of Ventia.

Rob and Hamish completed their class 2 full training in July allowing them to drive small to medium sized trucks now.

Pokai and Ray handed in two booklets for their pipelaying construction and maintenance certificate through Connexis training currently in progress.

With the Moerewa Asbestos Removal complete, 2 x brand new Busck tables made locally in Whangarei were donated by us at Puketona to the community of Moerewa to allow them to enjoy the newly made park over a paper road. We hope the local community make the most of the area and even get the green fingers out with a vegetable patch going forward. The grass has been sown so expect the park to start looking lush and green in the coming month and a bit.

Ranfurly Reserve – Foot traffic and one of two new tables supplied by Ventia

TENDERED WORKS FOR FNDC

Our construction team completed the remaining guardrail installation and sealing of shoulders on sites in Rawene, West Coast Rd, Kapiro Rd, Kaitaia-Awaroa Rd. The last remaining items are sweeping and linemarking.

Kaitaia-Awaroa Rd (Left), Old Bay Rd (Right) – Guardrail Installation

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

SUMMARY

Attached is the Fulton Hogan monthly report for July 2021.

REHABS

Project	Completed this month	Programmed next month
Pawarenga Rd Rehabilitation 2020-21	Site being held for winter.	
West Coast Rd Flood Mitigation 2019-20	Power poles relocated.	Complete
Church Rd Seal Extension 2020 – 21	Complete.	Awaiting post construction safety audit recommendation for guardrail.
Peria Rd Seal Extension 2020-21	Site being held for winter.	Geotech Investigations required for slips.
Pavement Rehabilitations 2021-22	Material testing underway. Pavement designs underway. Survey's completed. Enabling works priced.	Design work to continue.
Seal Extensions 2021-22		Programme required ASAP so that pavement investigations can commence.

Peria Road Seal Extension

Figure 1: Section Four Underslip

Figure 2: Section Five Underslip

MAINTENANCE SUMMARY

Unsealed Maintenance

- Grading 245km
- Potholes 3,119ea
- Maintenance Metal 1,488m3
- Heavy Metal Overlay 0m3
- Envelope Mowing 0km

Sealed Maintenance

- Potholes 149ea
- Edge break 2m
- Berm mowing 137km

Drainage

- Routine Maintenance 0ea
- Heavy water tabling 12.7km

Figure 3: Foreshore Rd Seawall Repair / Footpath Prep

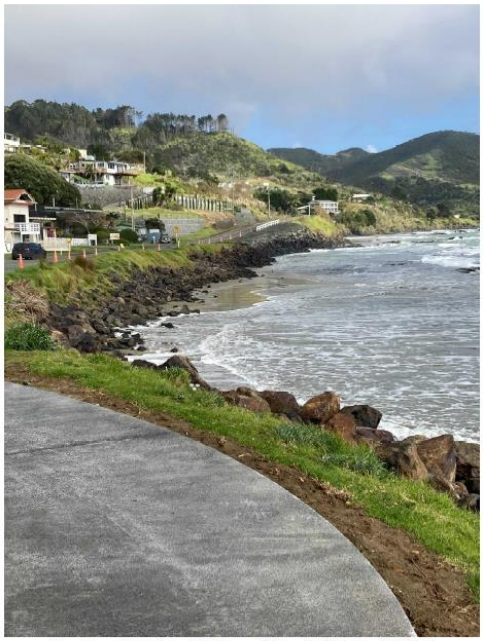


Figure 4: Foreshore Rd Seawall Repair / Footpath Build

Figure 5: Foreshore Rd Seawall Repair / Footpath Prep

Figure 6: Roma Rd Pre Reseal Watertabling

Figure 7: Roma Rd Pre Reseal Watertabling

Figure 8: Roma Rd Pre Reseal Watertabling

Figure 9: Kaitaia Awaroa Rd Pre Reseal Watertabling

Figure 10: Kaitaia Awaroa Rd Pre Reseal Watertabling

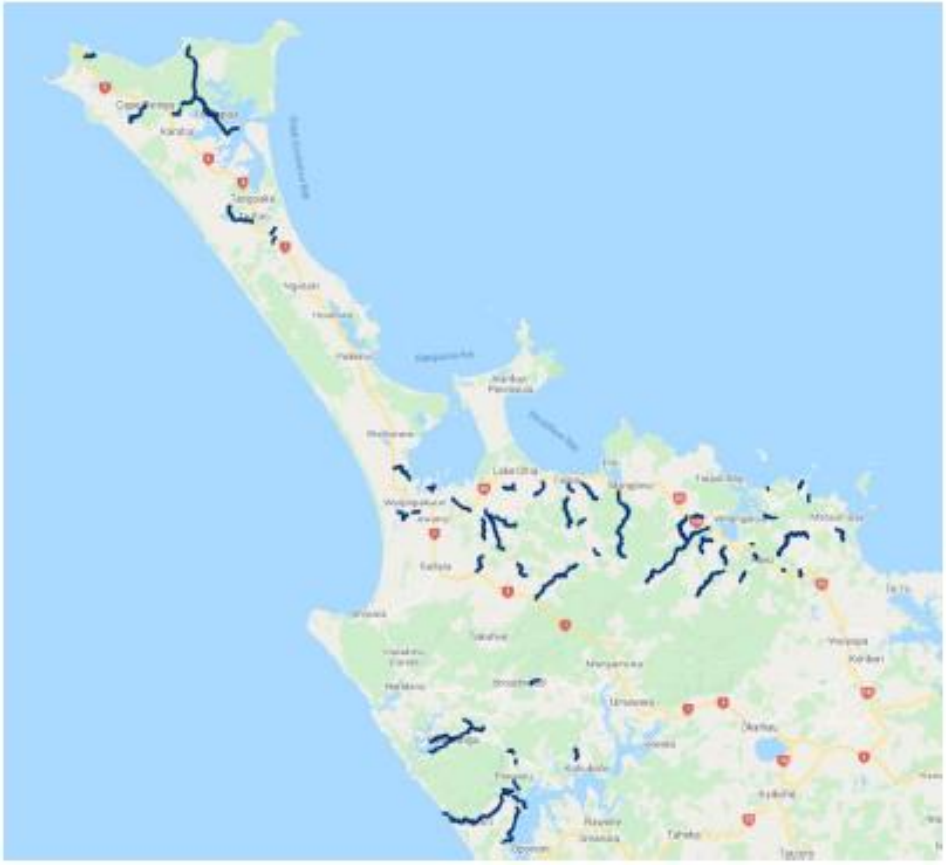


Figure 9: Routine Maintenance Grading Completed July 2021

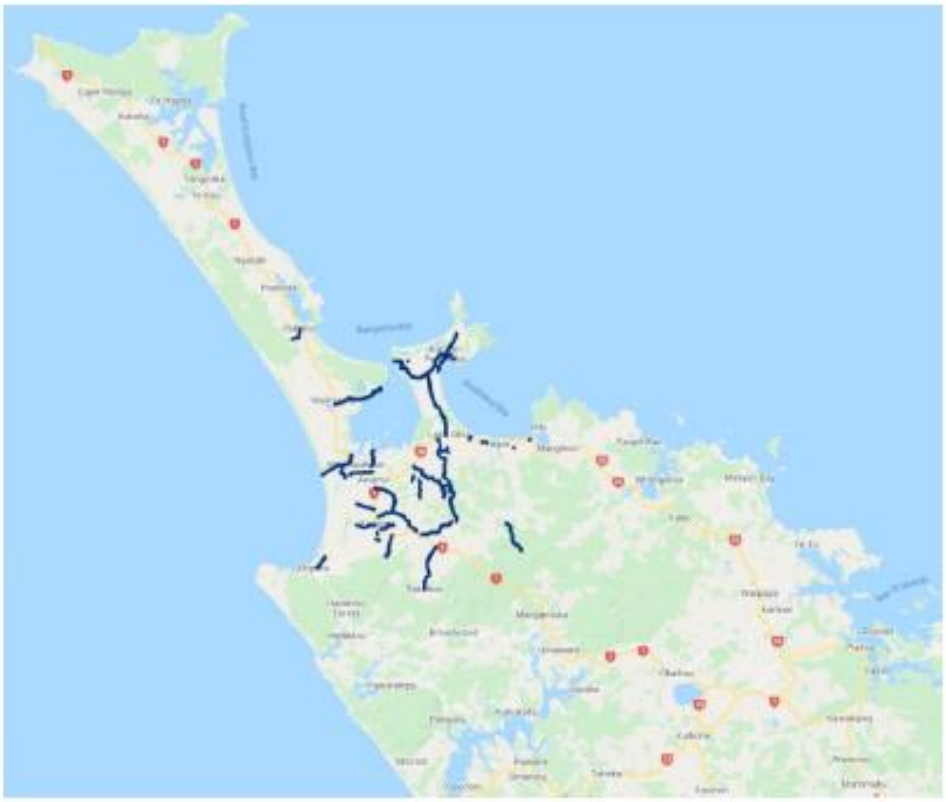


Figure 10: Routine Mowing Completed July 2021

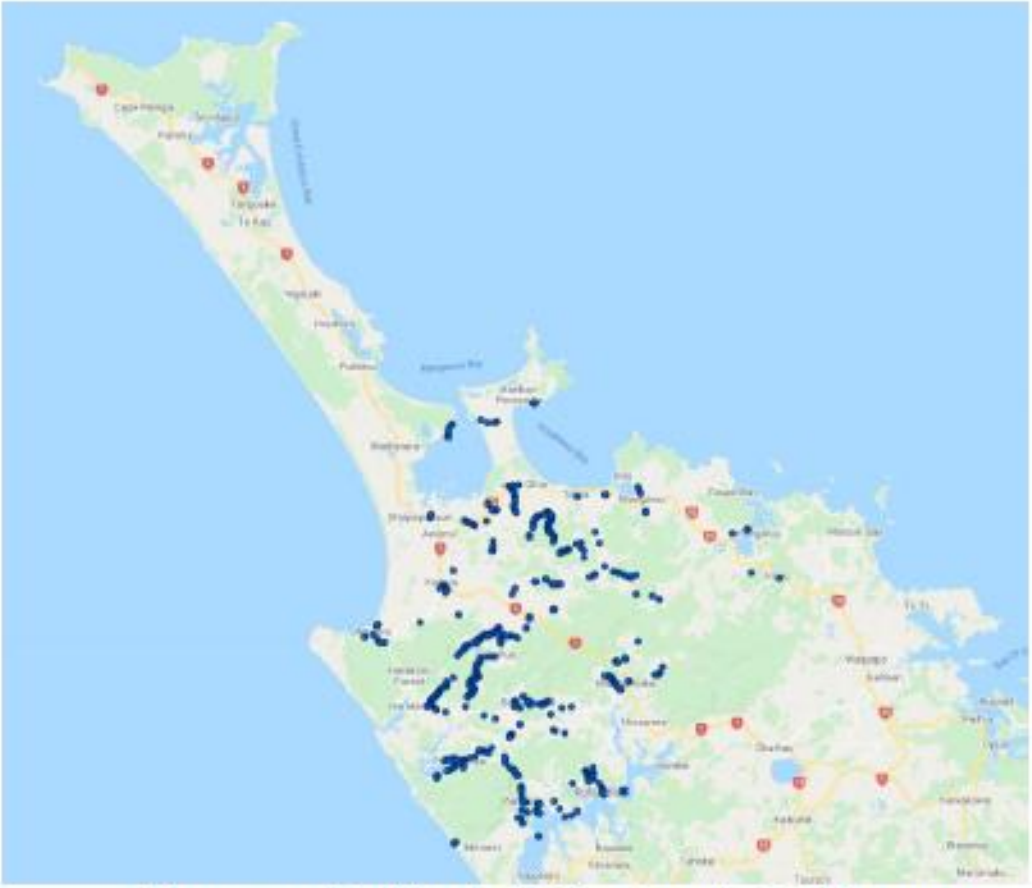


Figure 11: Routine Potholes Completed July 2021

Figure 12: Maintenance Metal + Heavy Metal July 2021

HEALTH & SAFETY

No injuries this month.

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	0	2	293
Medical Treatment Case (MTC)	0	1	61
First Aid Injury (FAI)	0	0	1100

QUALITY AND TRAINING

Environmental non-compliance notices issued

- Nil non-compliances to report.

Notice to Contractor issued

- NTC 77 West Coast Road Flood Mitigation Section(s) A, B & C – Practical Completion

Training

- Annual health Monitoring

RAMM Issue for the month

- Nil

RFS *Report*

- Not received from Council

FEEDBACK

19th July 2021 – Te Hiku Footpaths

Thank you for the fantastic effort showed by the FH team and your subcontractors Stonecraft.

AUGUST PROGRAMME

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

Ordered works activities include the following:

- Intersection improvements – Masters Access Rd, Doel Rd, etc.
- Omaunu Road – Watertabling and unsealed digouts.
- Heavy metal overlays once program confirmed.

NORTHLAND ACTIVITY UPDATE

Activity	2021-24 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	$91,550	0	Red	The team are working through the final program and a total of 167,6 lane kilometres will be delivered. This value is higher than the previous year. Construction season start in September. Mangamuka Gorge is now open to traffic.
Low Cost / Low Risk	$5.3M	95%	Green	***Far North District Council Projects*** Resilience projects: SH1 Otiria Flood Mitigation physical works - completed; SH10 Bush Point works completed. Walking and Cycling Projects: SH11 Haruru Falls SUP – FNDC have now completed this project. Mountain Rd to Te Hana shoulder widening – Work is complete. SH12 Omapere to Opononi 3km – Detailed Design for Stage 1 completed, Survey completed for whole route Awaiting confirmation of funding to proceed to physical works. SH1 Kawakawa Ped Crossing – A preliminary design has been completed for a raised platform and pedestrian crossing place to the east of the township, we are working with FNDC Innovative Streets Project team. ***Kaipara District Council Projects*** Resilience: SH12 Oparakau Slip – All retaining walls completed, pavement work to be completed, ***Other*** LC LR Safety: SH15 Permanent Warning Signage Improvement – 20/21- Detailed design for the whole corridor completed, physical works differed awaiting additional funding. SH11 Opua to Te Haumi Delineation Improvements – All works completed. SH1N Cape Reinga to Te Hapua Signage Upgrade – All works completed. SH10 South of Mangonui Signage and Delineation Improvements – All works completed. SH16 Waimauku to Helensville Fatigue Improvements – Detailed design for the whole corridor completed, ATP work has been differed due to R2Z Project. Wide Centre line to be installed at Flush median being installed at southern end of Helensville. Mangamuka Gorge: Currently open to all traffic except those requiring oversize permits. Traffic is still one lane at the main slip while final works are undertaken but these may be put off until the spring, in which case the road will be fully open to all traffic over two lanes. SH1 Mangamuka Gorge | NZ Transport Agency
SH1: Dome Valley Safety Improvements	$31.7M	Late-2021	Green	Work continues in stages 3 and 5, either side of the Dome peak. This work is planned to be completed in early 2022 SH1 Dome Valley | NZ Transport Agency
Northland speed review		2021	Green	Waka Kotahi's engagement phase on nine Northland and two north Auckland corridors took place between **3 May and 14 June 2021,** with iwi and hapu partners, local communities and stakeholders. 1,022 pieces of feedback were received. **Activities included:** 18 hui with iwi and hapu partners, 10 pop-up events with technical experts and communications staff, online feedback using an interactive mapping tool, e-newsletters, emails to key stakeholders, media releases, information flyers and posters. **Key themes which emerged in feedback were:** Road conditions and maintenance across the corridors, the need to lower speed limits before and within urban areas as well as near schools and marae, retaining 100 km/h speed limits in rural environments and areas where the road is suitable, and concerns over driver behaviour. Waka Kotahi is reviewing technical assessments and the feedback received, with a view to presenting a more detailed proposal as part of a formal consultation process. We look forward to discussing this with you at the start of the consultation period. Speed Review Locations | NZ Transport Agency

Activity	2021-24 NLTP	Completion	Progress	Commentary
SH1 Whangārei to Wellsford Standard Safety Intervention (Road to Zero)	$4M	Underway	Green	Pre-implementation underway for Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford). Some light construction (media barriers, etc) will commence from late 2021, with main construction expected to commence mid-2022 (subject to funding and approvals). SH1 Whangarei to Wellsford | NZ Transport Agency
SH1 Warkworth to Wellsford		Route protection	Green	On 25 March Auckland Council granted resource consents, subject to conditions, for the Warkworth to Wellsford project. Council has also recommended Waka Kotahi confirm the Warkworth to Wellsford Notice of Requirement (NoR) which will complete the route protection phase for this project and provide long term certainty to the adjacent communities. The appeal period for the NoR decision closes on 18 June. Waka Kotahi does not anticipate any works on the corridor commencing this decade. Council also recommended Waka Kotahi confirm the NoR. 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. 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. Completing the route projection phase for this project will provide long term certainty for property owners, adjacent communities and the wider region. SH1 Warkworth to Wellsford
SH1 Whangārei to Te Hana - **Whangārei to Port Marsden Highway - NZ Upgrade Programme** - **Port Marsden Highway to Te Hana**		TBC		To meet climate change and housing objectives, and manage debt responsibly following COVID-19, the Government has decided to make changes to some of the projects within the NZ Upgrade Programme. For Whangārei to Port Marsden Highway, the Government has instructed Waka Kotahi to implement a new option for the corridor that focuses on safety improvements along the existing state highway, and the construction of a new rail line to Northport. The new option will support Northland's economic growth, improve supply chain resilience, reduce emissions and improve road safety. The current proposal to upgrade State Highway 1 to four lanes will not continue. 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. SH1 is recognised as a strategic route and further changes in the future will be required to meet the demands of the region. The Port Marsden Highway to Te Hana section is not funded by the NZ Upgrade Programme and therefore funding is required to complete the SSBC. Whangarei to Te Hana | NZ Transport Agency || Whangarei to Port Marsden Highway
SH1 Loop Road Safety improvements	$48.76M	Early 2022	Amber	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. 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. Consent hearing for the dual-lane scheme (additional southbound lane and new bridge) was held in March and Council's decision on resource consents, and recommendation of NoR decision, is pending. SH1 Loop Road Safety Improvements | NZ Transport Agency
SH10 Kaeo bridge	$32.6M	Late 2022	Amber	Additional funding has been confirmed. Negotiations with contractors are continuing before construction can commence. Kaeo Bridge | NZ Transport Agency

Activity	2021-24 NLTP	Completion	Progress	Commentary
SH10 Waipapa corridor improvements	$24.5M	Early 2021	Green	Most works (roundabout, SH10, Waipapa Road and Skippers Lane) for this project are complete. We are working with local hapū on cultural design elements, which are now in construction. Bridge over the Whiriwhiritoa Stream is completed. Work is progressing on carpark at the end of Waipapa Loop Road. Completion date for this project is scheduled for late August 2021. SH10 Waipapa Corridor Improvements | NZ Transport Agency
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	$6M	Mid 2021	Green	Traffic is flowing through operating roundabout and works are complete. Completion event with Minister scheduled for late August. Cultural design elements (pou, wall carvings) have been designed and constructed with local iwi. Project to be completed late June 2021.
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	$15M	Mid 2021	Green	This project is now completed. Unveiling and completion event attended by Hon Kelvin Davis and other dignitaries was held on 14 July 2021.

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

- H&S: During the month of July, Far North Waters experienced no LTIs and 1 MTI. We are currently operating with 48 days LTI free.
- H&S: Generic TMP: A new TMP has been approved by NTA and NZTA for the next 12 Months.
- RFS: 272 Request for Service (RFS) call outs in July, down from 369 in June, 402 in May and 414 in April.
- HR: One additional dispatch person (new position created), and two Treatment Operators (replacements following resignations) have started mid-July.
- HR: As of the end of July, our SCADA engineer is now retired. He will continue to work on a part time basis for three months to coach his replacement.
- SIGNAGE: All sites have been rebranded with Ventia and FNDC logos

OPERATIONS & MAINTENANCE – WATER, STORMWATER AND WASTEWATER RETICULATION

- Cable Bay 18-19 July: Wastewater spill into the Cable Bay beach area. It was reported to NRC.
- 66 Colonel Mould Drive, Mangonui: Two separate sewage spill events occurred.
- Karamea Rd, Mangonui: Heavy rain causing flooding impacted severely on local businesses, including local hire storage facilities.
- Chapel & Ashby Street, Russell: Third party damage occurred to a raw water line which services Fire Hydrants. When directional drilling for Fibre Optic lines the third party severed the pipe requiring repairs.

WATER & WASTEWATER TREATMENT

- The Kawakawa WTP clarifier duct has collapsed. As a result, the Treatment Plant lost the operation of two clarifiers and a filtration unit. Far North Waters is working with FNDC on the technical solutions for the repair.
- On the 23 July at 9.30pm communications from the Rawene WTP PLC to the SCADA system were lost. This was not discovered until 8am 26 July, as no alarms were activated. By this time the Rawene reservoir was at 6% full.
- Hihi WWTP: During July we experienced several blockages at the Hihi Marsh. We have had to rod and clear the inlet and outlet pipes to all the Marsh cells, and in doing so, we have found them to be blocked by rocks which have obviously been thrown down the pipe upstands deliberately (as well as slide valves being tampered with).
- Paihia WTP: On the 27 July, it was reported that the raw water intake from the river had a turbidity in excess of 999 NTU. High turbidity is common for winter, but this is a new high for turbidity level records.

HEALTH AND SAFETY

In June there was one minor Motor vehicle incident.

Safety Lag Indicators

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

Risks and Opportunities

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

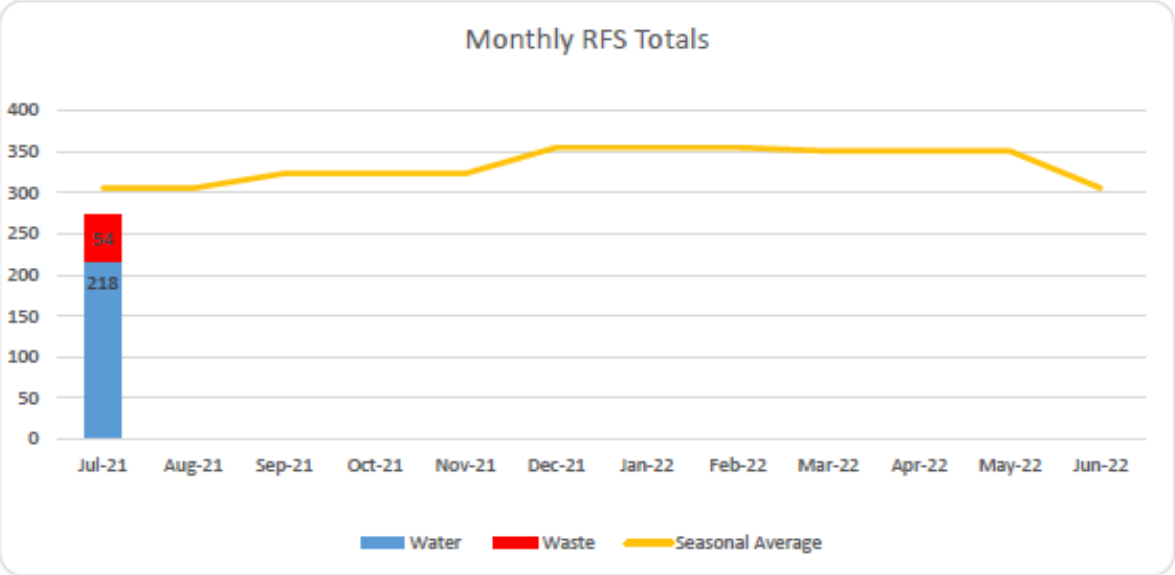
Key Activities:

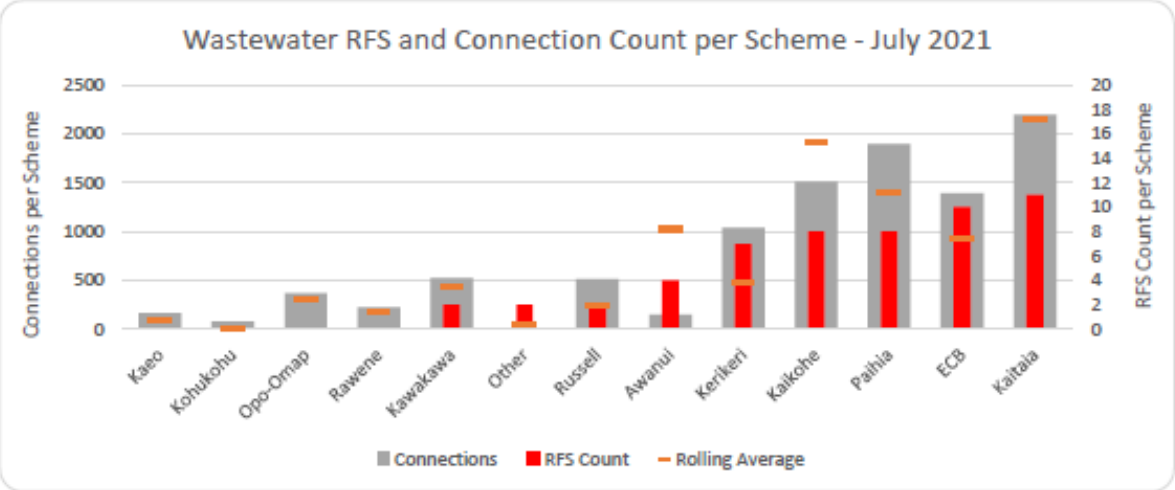
- Health and Safety all staff 8th July 2021
- Regional HSE meeting scheduled 29th July 2021.
- Hep A&B vaccination program (blood tests - Ongoing)
- Asbestos awareness training completed

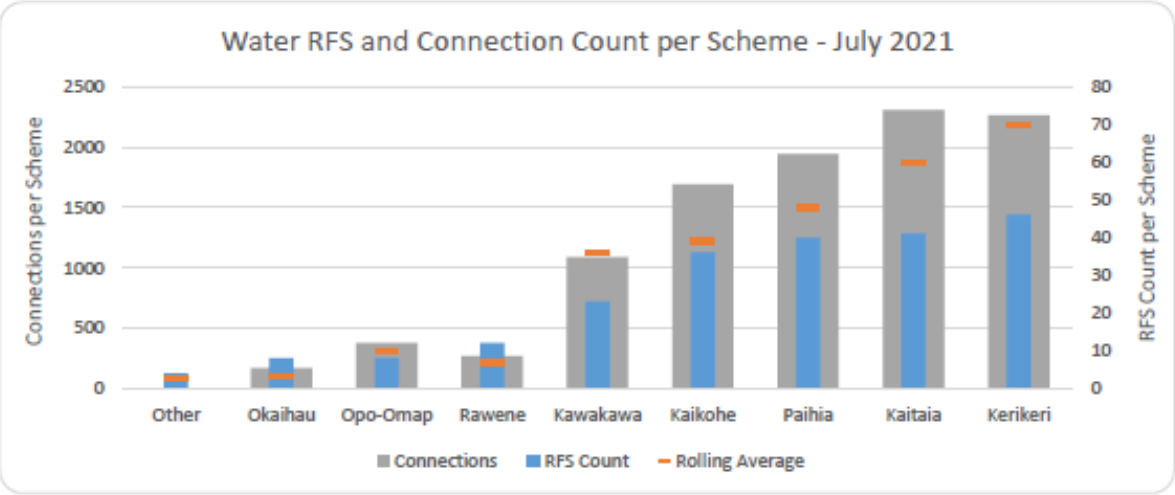
Incident ID	Incident Date	Severity	Description
VEN-EVT-436	01/Jul/2021 10:35 AM	Injury/Illness Sustained	Water leak repair, IP was broken a concrete joint with hammer on a pipe when dirt went in his eye, despite the safety glasses
VEN-EVT-512	02/Jul/2021 09:08 AM	Close Call	FNDC Employee (Alliance member) walked down the stairs from the MMF valve to the ground level, he slipped over the edge of one step: fell with his left hand and elbow.
VEN-EVT-704	19/Jul/2021 08:49 AM	Environment	Report Only. Client Event - Ventia Operational Response. During a heavy rain event, air valve failed in a valve chamber causing sewage to overflow from manhole into the sea.
VEN-EVT-920	22/Jul/2021 10:00 AM	Environment	Client Event - Operational Response Only - Sewerage spill from reticulation to ground, that flowed towards a Stormwater run-off. Cause was a blockage in the pipeline.
VEN-EVT-954	22/Jul/2021 01:30 PM	Equipment/Property Damage	Clearing vegetation from storm water drains with a 2-tonne digger, this has stalled and got stuck in the creek bed
VEN-EVT-939	27/Jul/2021 10:39 AM	Equipment/Property Damage	At Paihia Ponds operator went through gates when entering operator parked to then close the gates, as one of the gates was caught by the wind it has hit the taillight and cracked it.
VEN-EVT-924	30/Jul/2021 09:00 PM	Close Call	Report Only - Client Event - Ventia operational response: Gantry duct between clarifier and water tank collapsed. no injuries, reported this possibility of occurrence several times to the FNDC.

CUSTOMERS

The request for service (RFS) total for July was 272, down from 369 in June, 402 in May and 414 in April. This includes 72 RFS's for the North region, and 200 for the South region. The total for July 2019 was 342, and July 2020 was 349.


Monthly RFS Totals
400
350
300
250
200
150
100
50
0
54
218
Jul-21
Aug-21
Sep-21
Oct-21
Nov-21
Dec-21
Jan-22
Feb-22
Mar-22
Apr-22
May-22
Jun-22
Water
Waste
Seasonal Average


Wastewater RFS and Connection Count per Scheme - July 2021
Connections per Scheme
RFS Count per Scheme
2500
2000
1500
1000
500
0
20
18
16
14
12
10
8
6
4
2
0
Kaeo
Kohukohu
Opo-Omap
Rawene
Kawakawa
Other
Russell
Awanui
Kerikeri
Kaikohe
Paihia
ECB
Kaitaia
Connections
RFS Count
Rolling Average


Water RFS and Connection Count per Scheme - July 2021
Connections per Scheme
RFS Count per Scheme
2500
2000
1500
1000
500
0
80
70
60
50
40
30
20
10
0
Other
Okaihau
Opo-Omap
Rawene
Kawakawa
Kaikohe
Paihia
Kaitaia
Kerikeri
Connections
RFS Count
Rolling Average

DIA REPORT – July 2021

Sewerage Overflows Attend / Resolve KPI DIA/LTP/Alliance

Total Sewerage Overflow Submissions

8

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

1.38

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

4.42

Water Urgent Attend/Resolve KPI DIA/LTP/Alliance

"Water-Urgent" Submissions

1

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

1.52

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

3.5

Sewerage Overflows Attend / Resolve KPI % LTP/Alliance

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

62.5

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

50

Sewerage Non-Urgent Attend/Resolve KPI Alliance

Total "Sewer Non-Urgent" Submissions

5

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

1.5

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

2.67

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

"Water Non-Urgent" Submissions

80

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

21.7

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

22.8

Dry Weather Overflows per 1000 Connections DIA/LTP/Alliance

No of Dry Weather Overflows

0

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

0

Water Other - Water Connections Alliance

"Water Other" Submission Connections Only

3

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

217.22

Sewerage Customer Satisfaction KPI DIA/LTP/Alliance

No of Sewerage Faults/Complaints

17

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

1.47

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

Water Quality/Continuity Faults

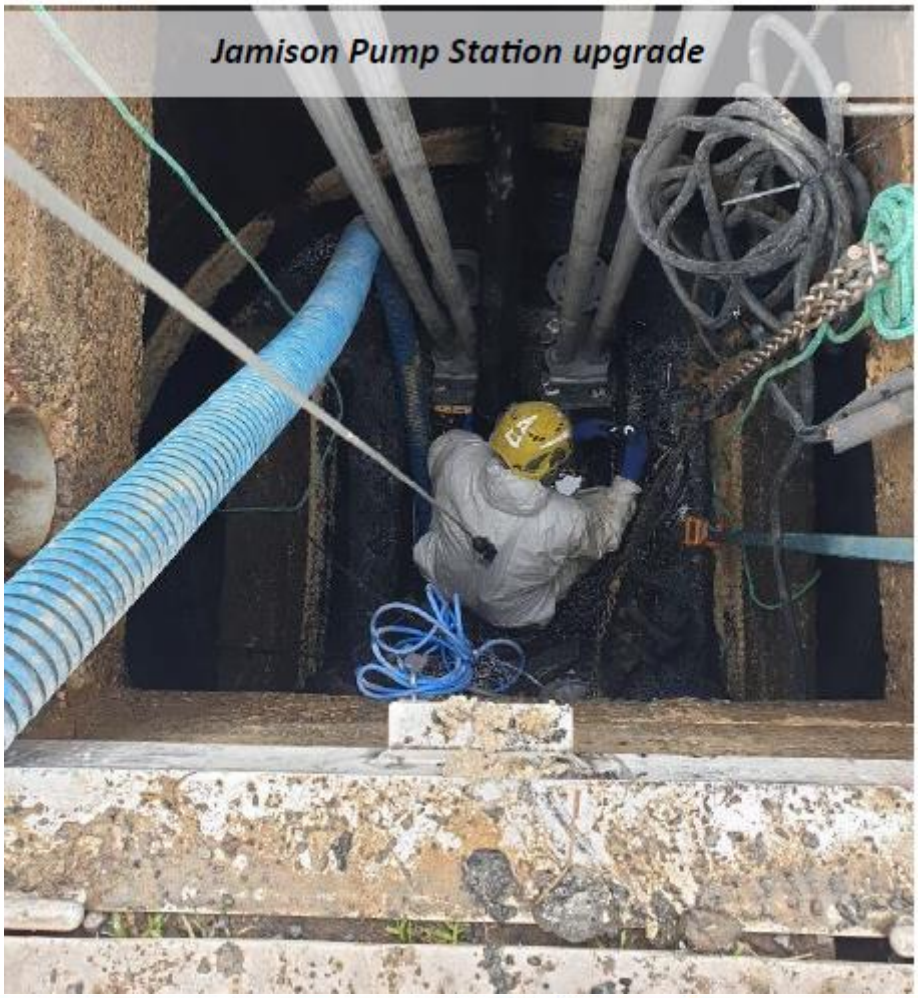
6

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

0.59

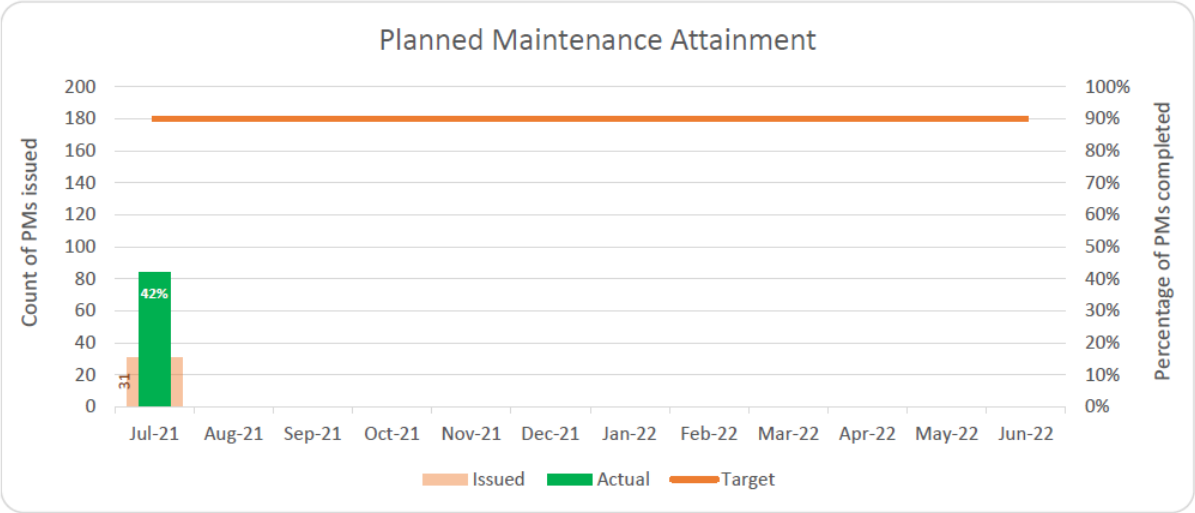
PROJECTS

- Projects team had zero health and safety incidents this month.
- Work volumes are becoming an issue. We are desperate to get work for the 2021-2022 FNDC financial year
- Approval for work to get water treatment plants compliant is still an issue
- Focus is on Health and Safety for all tasks the project team undertake to ensure we are compliant. Work is starting on the areas highlighted by the recent audit.
- Focus on the new Stormwater work, ensure we meet expectations for future work.
- Projects Contract Management plan to be produced.



ASSETS

- Work on the comprehensive Risk Register for individual water treatment plants throughout the district has been put on hold again. A generic template is still to be completed which will be used as the basis for individual plant risk registers.
- The MEX asset maintenance programme is still being interrogated by the Asset Manager and will continue to be for some time. Current maintenance programmes are being assessed and evaluated for appropriateness and completeness. A new annual programme for wastewater pumping stations has been developed and implemented with the first work orders from the new programme to be issued for August 2021
- A Working Group is being proposed to discuss plan and implement new requirements and processes to meet the new Drinking Water Operational rules under Taumata Arowai.



- The table above would appear to reflect a poor performance in terms of PM attainment, with only 42% completion however, the information provided is based on paperwork received back from the field, enabling PM's to be closed off as opposed to work being completed.

COMPLIANCE

Sites	Asset Group	July Status		Comment
		Compliant	Detail	
Ahipara		●	Condition 10 - Faecal Coliforms Condition 2	• An analysis and recommendation report of the inter stage testing has been commissioned and sent to NRC for analysis and comment. Awaiting response.
Ahipara		●	Condition 10 - Faecal Coliforms Condition 2 - Leachate	• Council is investigating land disposal options at Ahipara. The leachate flows from Ahipara Landfill need to be investigated. • Meter calibration has been conducted and CSVue needs to be updated. • Liaison group will be meeting to discuss discharge to land options. • Wastewater management plan review – clarify NRC expectations.

Sites	Asset Group	July Status		Comment
		Compliant	Detail	
				• Wetland maintenance has been carried out to increase volume of wetland and retention time.
Kaikohe		●	Ammonia	• The replacement resource consent application is in progress. • Replacement outflow meter required
Opononi		●	Condition 19 - TAN, E.Coli	• Wetland maintenance was conducted. It was found that 2 wetland cells were being bypassed. This has now been corrected. We are waiting to see if this affects TAN and e.coli.
Russell		●	Condition 9 – infiltration efficiency report Condition 8 – land instability	• PDP Ltd has started work on reports. • Asset Managers have scheduled several improvements; -Inlet Works (screen),-UV Unit Replacement,-New or Refurbished disposal bores,-Pond liner replacement. • High rainfall and peak demand risk contingency could be using hydrochloride post UV. • Investigating PS3 leaks/levels.
Whatuwhiwhi		●	Condition 8 – TSS	• To assist in the mitigation of TSS (algae biomass), FNW and FNDC are in discussions with regards to prioritising desludging. Also considering covering pond to reduce temperature.

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

KAWAKAWA ROUNDABOUT

UPDATE - July

- There will be night works at Kawakawa intersection tonight, 8th July 21, to install the base for the Pou which will be erected in the near future.
- Manual traffic control will be in place from 7.00pm to 6.00am, with a 30km temporary speed limit. We need to lift the base into place and pour the concrete surround so will be occupying a portion of the road. Please take care if you are driving through the area.