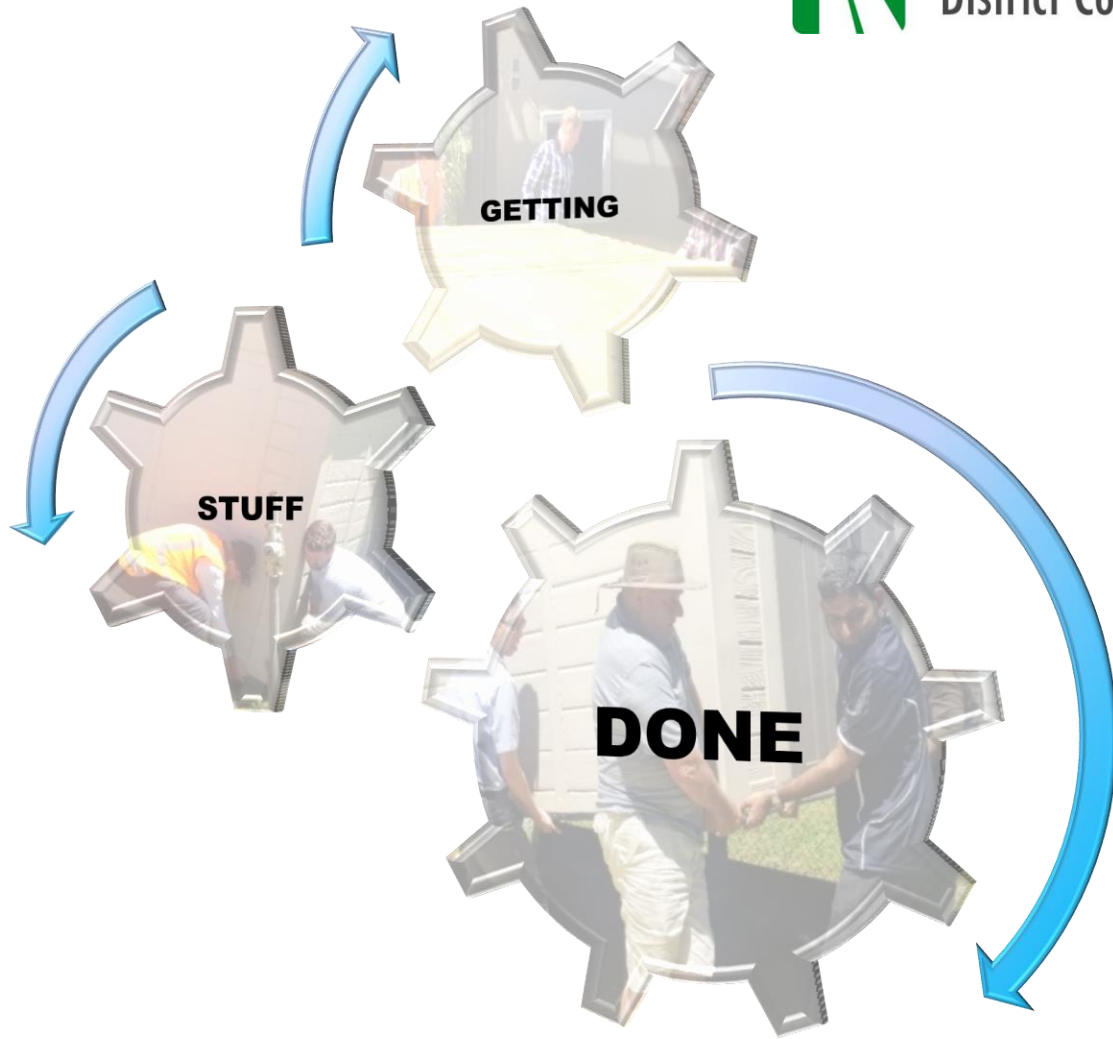




Far North
District Council



Infrastructure and Asset Management

Monthly Business Report

MAY 2021

HE ARA TĀMATA
CREATING GREAT PLACES
Supporting our people

IAM

Infrastructure & Asset Management

Project Delivery

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

3 Waters

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

Compliance

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

District Facilities

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

Customer Experience

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

Getting Stuff Done

Roading

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

Infrastructure Planning

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

Asset Management

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

Civil Defence

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

Programme Darwin

To lead best practice enterprise asset management in New Zealand.

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SUCCESSSES



DISTRICT FACILITIES

Some fantastic feedback – check it out [here](#).

Simon was helpful and efficient with good customer communication skills.

A quick answer from the right person, an informed response.

That a plumber was sent very promptly to attend to my concerns

Your contractors are doing a great job attending my RFS ... Thank you

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**



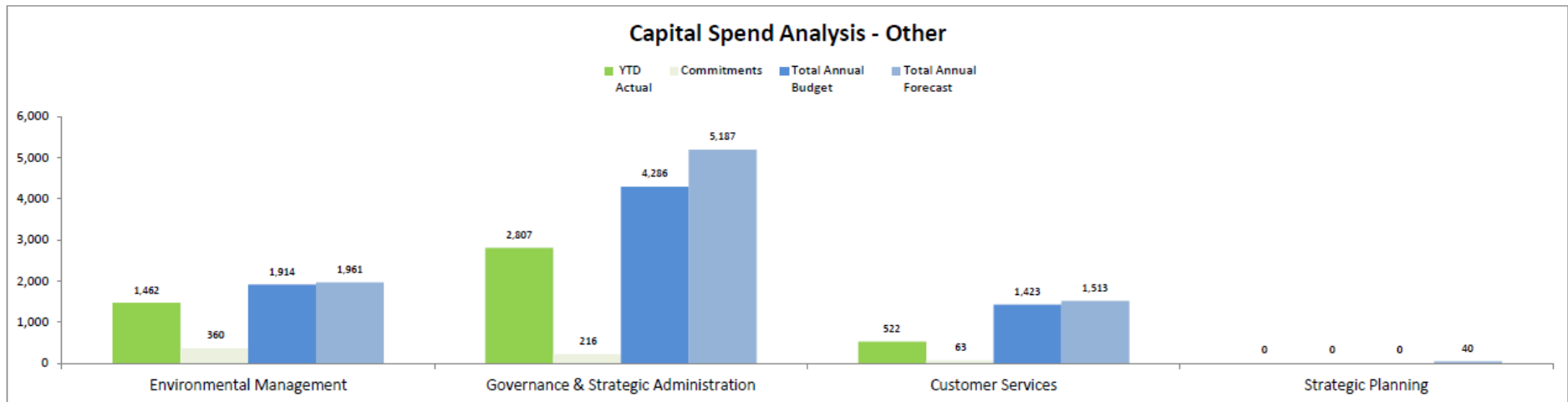
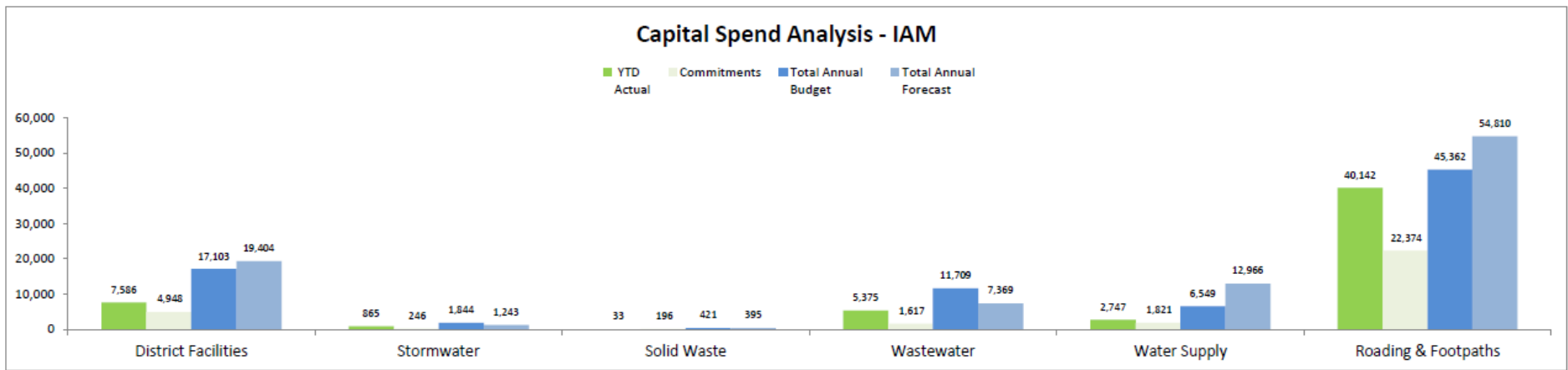
Capital Spend Analysis

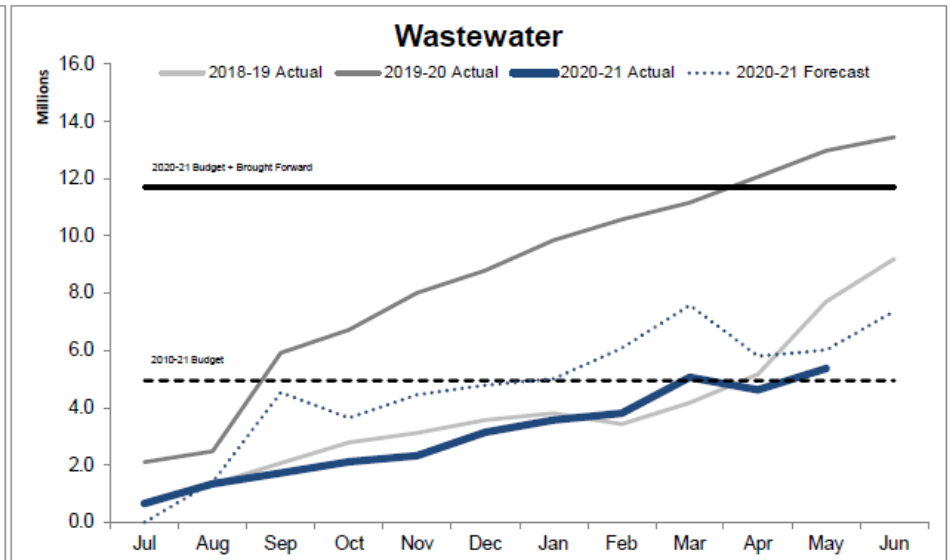
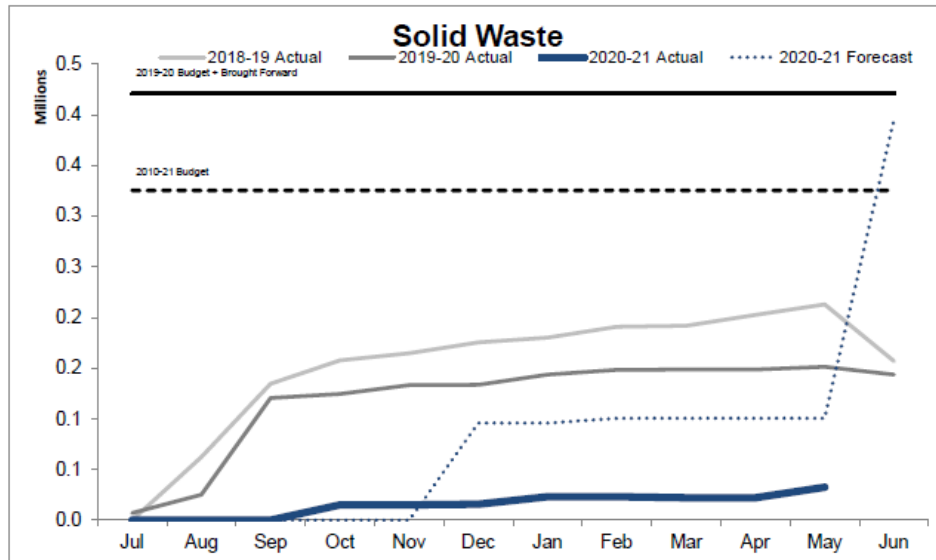
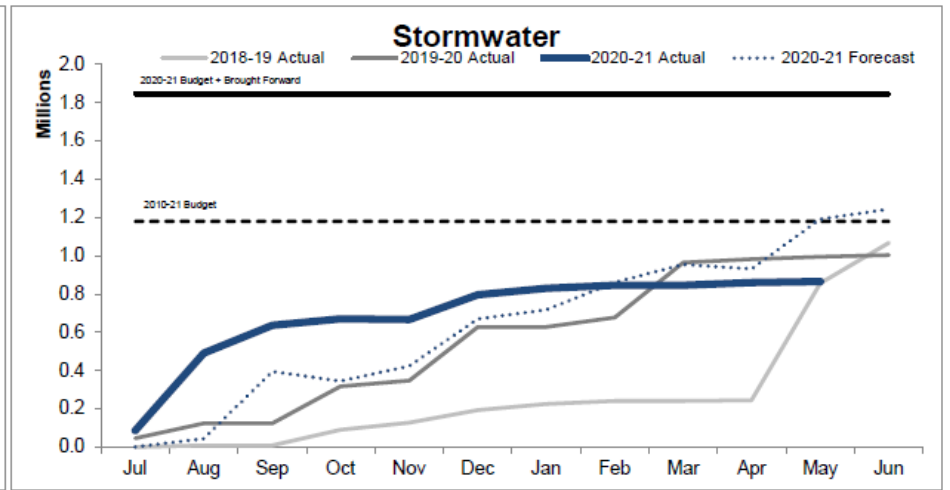
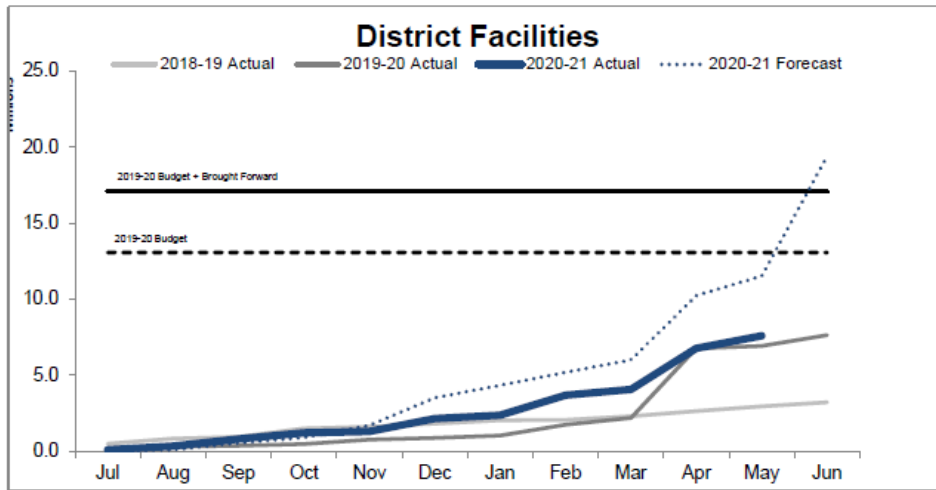
as at 31-May-2021

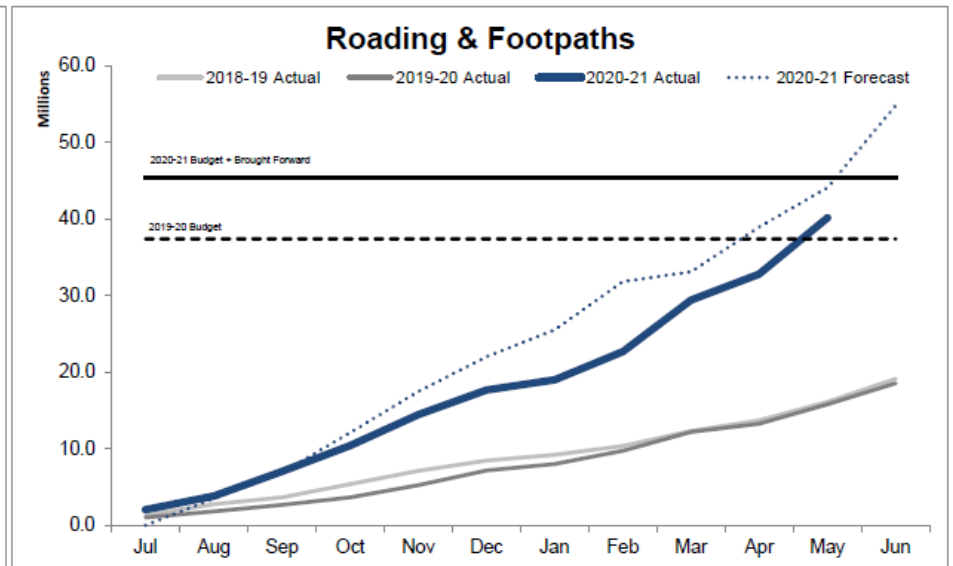
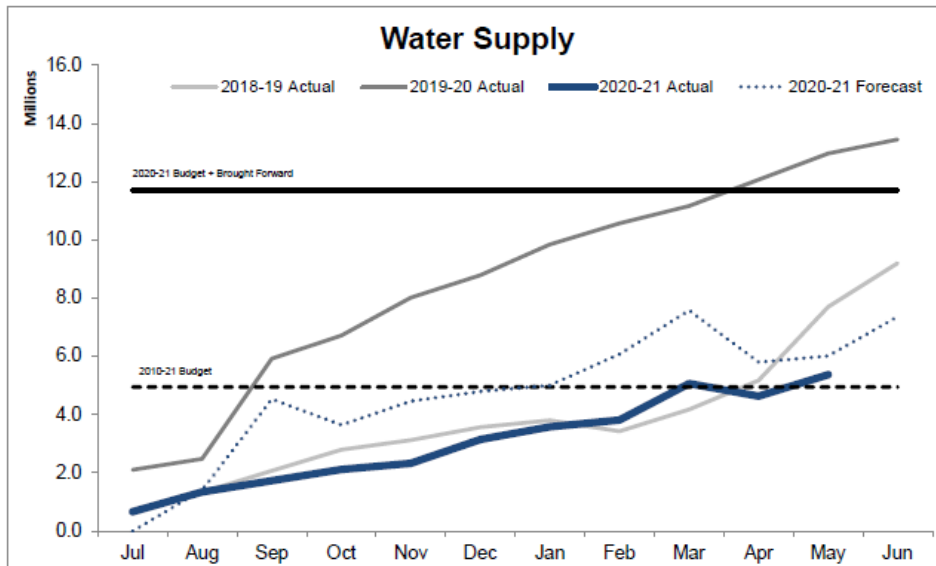
LTP Group	YTD (\$000's)	Commitments	Full Year (\$000's)							
	YTD Actual		LTP Budget	Carry Forward Budget	Total Annual Budget	Actual vs Budget %	Total Annual Forecast	Actual vs Forecast %	Forecast vs Budget %	Forecast vs Budget Variance
District Facilities	7,586	4,948	13,072	4,031	17,103	44.4%	19,404	39.1%	113%	2,302
Stormwater	865	246	1,179	666	1,844	46.9%	1,243	69.6%	67%	(602)
Solid Waste	33	196	325	96	421	7.7%	395	8.2%	94%	(26)
Wastewater	5,375	1,617	4,949	6,760	11,709	45.9%	7,369	72.9%	63%	(4,340)
Water Supply	2,747	1,821	4,495	2,054	6,549	41.9%	12,966	21.2%	198%	6,417
Roading & Footpaths	40,142	22,374	37,388	7,974	45,362	88.5%	54,810	73.2%	121%	9,448
IAM Total	56,748	31,202	61,408	21,580	82,988	68.4%	96,187	59.0%	116%	13,199
Environmental Management	1,462	360	0	1,914	1,914	76.4%	1,961	74.6%	102%	47
Governance & Strategic Administratio	2,807	216	2,334	1,952	4,286	65.5%	5,187	54.1%	121%	900
Customer Services	522	63	490	933	1,423	36.7%	1,513	34.5%	106%	90
Strategic Planning	0	0	0	0	0	0.0%	40	0.0%	0%	40
Other Total	4,791	639	2,824	4,800	7,623	62.9%	8,700	55.1%	114%	1,077
Total	61,539	31,841	64,231	26,380	90,611	67.9%	104,887	58.7%	116%	14,276

Comments:

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







ROADING

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

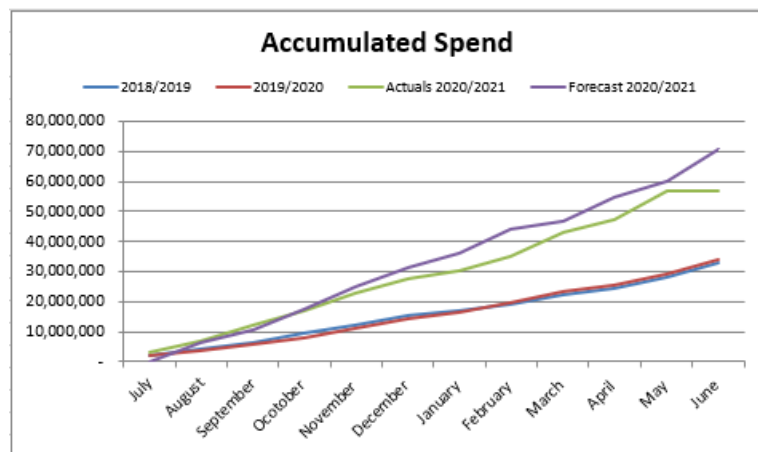
EXECUTIVE SUMMARY

On Monday 31st May Waka Kotahi Waka Kotahi provided FNDC with advice on the indicative funding approvals for the Maintenance, Operations and Renewals (MO&R) and Road Safety Promotion programmes for 2021/24. The notification from Waka Kotahi is high-level indicative funding approval for only a portion of the total transport budget subsidy request, noting that they have not provided any approval indications relating to the balance of the Capital portion, with this approval and notification anticipated in September 2021.

The Road Safety and Traffic Planning team received 33 applications in May (vs. 12 month rolling average of 36). Recruitment activities has commenced for a new Senior Development Engineer (Transportation) and Graduate Engineer to further improve service quality and timeframes in this area.

As shown in the graph below, transport works delivery continues to track well leading into the end of the financial year, with expenditure to the end of May (\$57m) nearly double that of the same period in each of the last two financial years, with a record \$9.571m of work completed and invoiced in May.

Full Year Comparison - Roading Expenditure



Included within this month's report is the first draft of the new Maintenance & Operations Achievement and Maintenance Inspection reports developed by the NTA Strategy and Maintenance teams to provide additional transparency of actual activity quantities being delivered through the Maintenance Contracts and inspection activity across the network.

The overall number of Customer Interactions (CIs) has reduced by over a further 5.1% month on month, including a 17.5% reduction in requests related to 'Potholes, Edge Breaks and Corrugations' which is encouraging as Winter approaches.

2021/24 AMP DEVELOPMENT PROGRESS

On the 31st May Waka Kotahi provided FNDC (and all New Zealand Council's) with advice on the indicative funding approvals for the Maintenance, Operations and Renewals (MO&R) and Road Safety Promotion programmes for 2021/24, indicating a reduction in funding compared with the originally submitted request.

The notification from Waka Kotahi is high-level indicative funding approval for only a portion of the total transport budget subsidy, noting that they have not provided any approval indications relating to the balance of the Capital portion of the total transport budget subsidy submission (i.e. Low Cost Low Risk programme), with this approval and notification anticipated in September 2021.

The NTA's Asset Management team have completed an initial assessment of the indicative funding for the three Northland District Councils (FNDC, KDC and WDC). This analysis has provided each Northland Council with the consistent recommendation that as we are yet to receive confirmation of which categories¹ the reduction relates to it is presently not possible to assess any change in level of service or budget. e.g. the reduction may affect unsealed or sealed roading which have different budgets and levels of service. Therefore, at this stage it is not clear if this indicative funding affects the programme and there is insufficient information to assess the full impact on the LOS.

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

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

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

The Regional Transport Committee formally deliberated on the submissions on Tuesday 11th May 2021, with staff subsequently making the necessary changes to both Plans for tabling these at the June 2021 RTC meeting with a recommendation they be approved for forwarding to the Northland Regional Council for their approval for submission to Waka Kotahi by 30 June 2021.

CENTRAL GOVERNMENT POLICY SUBMISSIONS

NTA staff are presently working on assessing and compiling submissions for the following two items:

- Northland State Highways speed limit review (for more information and to subscribe to updates follow this [link](#)), and;
- Land Transport Rule: Setting of Speed Limits (more information, including a copy of the proposed rule and an overview of the rule, can be found on the Waka Kotahi website [here](#)).

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

Work on the roading, parks and flood mitigation work covered by the \$2m storm funding component was mostly completed by the end of May 2021, with remaining tasks reported as being on track for completion before the contractual end date of Friday 18th June 2020.

¹ Local Road Maintenance, Operations and Renewals (MOR) categories broadly covers the following work activities: Sealed Pavement Maintenance, Unsealed Pavement Maintenance, Routine Drainage Maintenance, Structures Maintenance, Environmental Maintenance, Network Services Maintenance, Network Operations, Cycleway Maintenance, Footpath Maintenance, Level Crossing Warning Devices, Minor Events, Network and Asset Management, Unsealed Road Metalling, Sealed Road Resurfacing, Drainage Renewals, Sealed Road Pavement Rehabilitations, Structures Component Replacement, Bridge and Structures Renewals, Environmental Renewals, Traffic Services Renewals and Footpath Renewals.

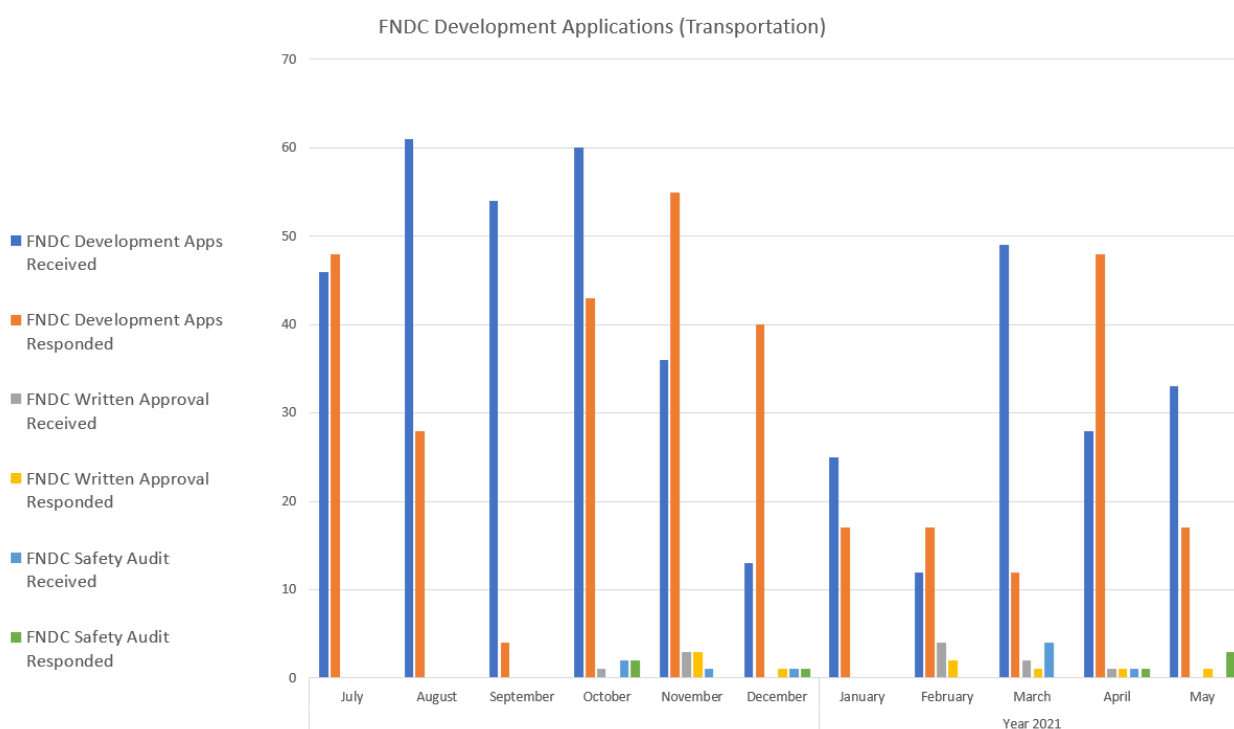
A final project summary report summarising all completed funding works and related social procurement objective achievements is to be produced on completion of the remaining activities (end of June 2021).

DEVELOPMENT APPLICATIONS (Transportation)

The below graph shows a processing record of development applications. After April’s drop in application numbers (28 vs. 12 month rolling average of 36), the Road Safety and Traffic Planning team received 33 applications in May and to date have processed around half of the total application received (17).

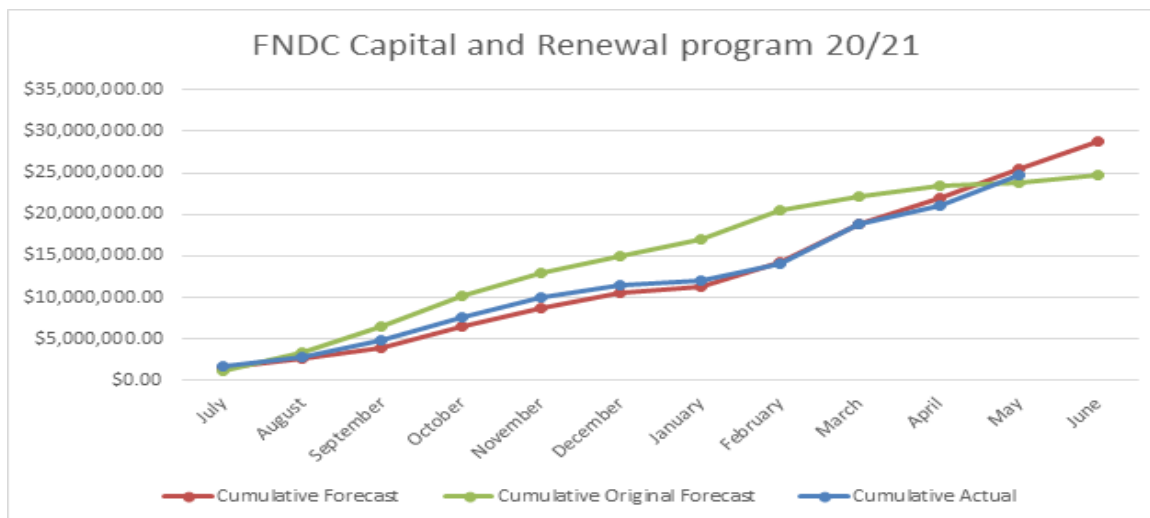
Recruitment activities has commenced for a new Senior Development Engineer (Transportation) and Graduate Engineer to further improve service quality and timeframes in this area.

		FNDC					
		Development Apps		Written Approval		Safety Audit	
		Received	Responded	Received	Responded	Received	Responded
Year 2019	October	0	0	0	0	0	0
	November	12	2	0	0	0	0
	December	4	12	0	0	0	0
Year 2020	January	13	4	0	0	0	0
	February	17	8	0	0	0	0
	March	24	34	0	0	1	1
	April	17	16	2	1	0	0
	May	34	31	2	3	0	0
	June	28	24	2	2	0	0
	July	46	48	0	0	0	0
	August	61	28	0	0	0	0
	September	54	4	0	0	0	0
	October	60	43	1	0	2	2
	November	36	55	3	3	1	0
	December	13	40	0	1	1	1
Year 2021	January	25	17	0	0	0	0
	February	12	17	4	2	0	0
	March	49	12	2	1	4	0
	April	28	48	1	1	1	1
	May	33	17	0	1	0	3



FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

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



Projects started in May

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

Projects due to start in June

Category	Sub activity	Location
341 - Low-Cost Low Risk	Safety	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd
New Footpaths - Unsubsidised	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd
341 - Low-Cost Low Risk	Resilience	Powell Road RP209

Significant Projects

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities
341 - Low-Cost Low Risk	Bridge	Otaua Road M28 N28	100%	Defects liability period	Defects liability period
341 - Low-Cost Low Risk	Resilience	Panguru Road	100%	Completed	Complete but some minor defects to be addressed
341 - Low-Cost Low Risk	Safety	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te Ahu Ahu & Old Bay Roads)	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	100%	Completed	Complete
341 - Low-Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	78%	Inspections for Practical Completion are underway	Complete all sign installation and road marking work
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	No progress until location of Pou is provided by Hapu	None
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on North Park Drive	100%	Completed	Complete
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	100%	Completed	Complete
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	100%	Completed	Complete
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	100%	Completed	Complete
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	100%	Completed	Defects period ends Oct 2021
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Station Road, Omapere	100%	Completed	Issue PCC and complete required MSQA Documentations
Resilience - Unsubsidised	Resilience	Panguru Road	54%	In construction	Design and resource consent for power pole relocation
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	100%	Completed	Defects period ends Sep 2021
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	80%	Program 80% complete	Complete

Photo Wall



Ahipara Foreshore/New Footpaths



Church Rod/ Seal Extension



Koropewa Road/Seal Extension



Pungaere Road/Seal Extension



Horeke Road to Cemetery 294-330/Footpath construction



Opononi Footpath - Waianga Place/Footpath construction

FNDC MAINTENANCE & OPERATIONS DELIVERY

MAINTENANCE ACHIEVEMENT REPORT

The NTA Strategy and Maintenance teams have developed a Maintenance Achievement Report to provide additional transparency of actual activity quantities being delivered through the Maintenance Contracts. The report is presently being refined for inclusion in each monthly report for the next financial year, with an example below provided with data from March and April 2021.

North 21					South 22				
Northern Area Far North District Council					Southern Area Far North District Council				
Road Length					Road Length				
423.63 sealed					455.05 sealed				
836.66 unsealed					791.66 unsealed				
Activity Description	Prev mth	This mth	Mthly Average Prev 24 Mnths	FYTD	Activity Description	Prev mth	This mth	Mthly Average Prev 24 Mnths	FYTD
Unsealed Maintenance Gravel (cum)	662.00	1050.00	2743.17	16799.00	Unsealed Maintenance Gravel (cum)	148.00	731.00	2126.54	13426.00
Unsealed Compacted Gravel (cum)	0.00	0.00	472.33	25454.00	Unsealed Compacted Gravel (cum)	0.00	0.00	1016.54	12636.00
Unsealed Road Grading (km)	205.65	272.55	234.06	2442.65	Unsealed Road Grading (km)	132.37	206.84	200.66	1823.96
Wet Roll and Grade (km)	0.00	0.00	0.25	5.96	Wet Roll and Grade (km)	0.00	0.00	2.02	63.61
Unsealed Road Potholes (ea)	595.00	933.00	967.58	11072.00	Unsealed Road Potholes (ea)	1317.00	3679.00	1034.50	20344.00
Sealed Road Potholes (ea)	81.00	28.00	129.42	927.00	Sealed Road Potholes (ea)	123.00	67.00	176.63	2442.00
Sealed Road edgebreak (m)	221.00	2.00	286.58	262.00	Sealed Road edgebreak (m)	348.00	632.00	102.67	1951.00
Sealed Road Pavement Repairs (sqm)	0.00	0.00	1414.08	16155.00	Sealed Road Pavement Repairs (sqm)	0.00	0.00	659.13	5566.00
Sealed Road Surface Repairs (sqm)	0.00	0.00	11.46	0.00	Sealed Road Surface Repairs (sqm)	222.00	0.00	68.25	619.00
Water Cutting (sqm)	0.00	0.00	0.00	0.00	Water Cutting (sqm)	0.00	0.00	138.79	0.00
Roadside mowing (km)	97.64	58.33	126.12	1160.23	Roadside mowing (km)	110.24	48.10	69.24	307.73
Roadside Spraying (km)	534.74	326.42	120.72	1670.50	Roadside Spraying (km)	599.46	415.89	349.14	2964.42
Vegetation Envelope Cleared (km)	53.77	55.27	64.46	445.97	Vegetation Envelope Cleared (km)	21.34	13.74	6.56	77.13
Roadside Drainage Cleared (m)	3145.00	7361.00	2035.21	31116.00	Roadside Drainage Cleared (m)	121.00	812.00	1445.79	11079.00
Roadside Culverts Cleared (ea)	5.00	1.00	83.67	252.00	Roadside Culverts Cleared (ea)	289.00	202.00	117.83	1523.00
Culvert Markers Replaced (ea)	0.00	26.00	20.54	254.00	Culvert Markers Replaced (ea)	36.00	38.00	22.88	160.00
Cesspit Grates Cleared (ea)	0.00	114.00	25.33	169.00	Cesspit Grates Cleared (ea)	148.00	87.00	144.46	862.00
Kerb & Channel Cleaned (km)	0.00	0.00	1.02	0.30	Kerb & Channel Cleaned (km)	65.70	0.25	13.73	109.63
Routine Surface Detritus Removed (#)	0.00	0.00	0.17	0.00	Routine Surface Detritus Removed (#)	73.00	44.00	17.38	411.00
Overslip Material Removed (cum)	0.00	0.00	0.10	1.30	Overslip Material Removed (cum)	0.00	0.00	1.01	1.62
Routine Signs Maintenance (ea)	21.00	7.00	36.63	553.00	Routine Signs Maintenance (ea)	101.00	335.00	86.50	1241.00

While the above report is highlighting that the majority of the FNDC activities were below typical monthly averages for March & April (with exception of vegetation control) this is reflective of both significant resources committed to completing the numerous renewals and capital works sites before winter set in and the seasonality delivery dependencies of some of the activities (i.e. Unsealed Maintenance Gravel).

This also emphasises the importance of keeping pressure on Contractors to deliver core BAU works in tandem with the big jobs à hence the development of this report is a useful tool to make this expectation ‘very real’ to our Contractors, with the ability to compare contractor performance enabling us to apply tension across the entire Region’s Maintenance and Renewals Contracts, with a full picture of comparison at a high level.

The Financial Year to date (FYTD) column gives reassurance that these BAU activities in FNDC have been successfully carried out in the preceding months. For example, the following items are all exceeding the previous financial years annual achievements, with still 2 months remaining;

- Unsealed Compacted Gravel,
- Unsealed Road Pothole Filling,
- Roadside Drainage Clearing,
- Routine Signs Maintenance,
- Sealed Road Potholes, and
- Sealed Road Edgebreak

MAINTENANCE INSPECTION DATA

The table below provides detail on the km’s of network covered during May through Contractor inspections, along with the distance covered by our NTA inspectors investigating customer complaints and undertaking Contractor Audits.

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	240.140	417.463	24.0	41.8	144.646	203.055
Week 2	362.110	189.879	36.2	19.0	98.972	81.719
Week 3	153.733	408.46	15.4	40.8	286.826	295.851
Week 4	312.522	785.045	31.3	78.5	575.987	408.948
Total	1068.505	1800.847	107.9	180.1	1106.431	989.573

As highlighted in the table above, Council roading staff cover significantly more than the 10% contractual minimum audit length, evidence that staff are actively looking at the roads out there and not placing full reliance on Contractor provided information. [**NB:** this excludes any inspections carried out by Capital Works Staff etc.]

Final technology issues are presently being resolved to enable the source data from the above table to be displayed in a geographical coverage map for future reports.

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.

The revenue collected to May 2021 is \$637,099.12, which is significantly higher than the same time in the previous financial year (\$467,053.62), noting that last year was impacted severely by Covid-19.

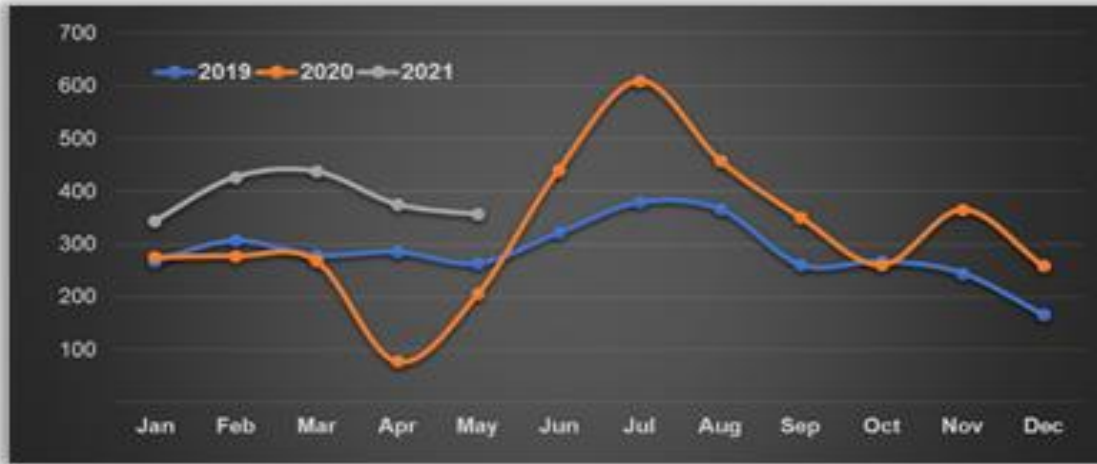
UTILITY SERVICES – CAR (Corridor Access Request) & TMP (Traffic Management Plan)

- **UFB**
 - Haruru Falls area; work is now complete for the laying and the backfill & reinstatement is under way
 - Okiato is totally complete.
 - Opuia is progressing.
 - Ohaeawai will start shortly.
 - Russell has started.
- **Fibre Connections**
 - Well under way in Paihia
 - Works continue in Kaitaia, Ahipara, Coopers Beach, & Kerikeri.
 - Occasional connections are still occurring in Kaikohe, Kawakawa & Moerewa.
- **Street Lighting**
 - Kerikeri Rd – Well under way with most of the drilling work for ducting now complete.
- **Roundabouts**
 - Waipapa – is nearing completion and the new bridge on Maritime Lane is nearing completion. The final road works linking Kahikatea Road and Waipapa Loop will be completed shortly.
 - Puketona & Kawakawa are both being finalised.

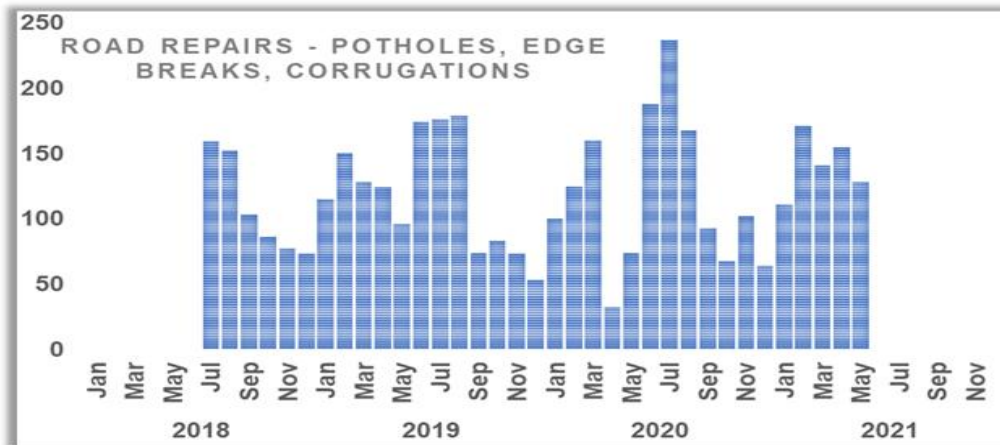
THE CUSTOMER EXPERIENCE

REQUEST FOR SERVICE

The overall number of Customer Interactions (CIs) has reduced by a further 5.1%, month on month. Almost all this reduction is accounted for by the previously mentioned improved communication and education with the call centre, with a continued reduction in the number of 'Roading Correspondence' CIs.



Noteworthy and encouraging is the 17.5% reduction of 'Potholes, Edge Breaks and Corrugations' as Winter approaches.



LAND INFORMATION MEMORANDUM (LIM)

This aspect remains reasonably high when the seasonal Winter lull approaches and will continue to be monitored.



PROJECT DELIVERY

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

EXECUTIVE SUMMARY

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

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

Project Phase: Design

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Building Consent on hold for further information, Traffic Impact Assessment received for Resource Consent sent onto planner for processing
Scope	Green	Green	Scope confirmed
Schedule	Green	Green	Schedule confirmed
Cost	Amber	Amber	QS received, minor adjustments to be made
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, Traffic Impact Assessment received for Resource Consent and sent onto processing planner, QS received.

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

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

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,443,489.00	\$111,191.01	\$1443,489.00

Project Phase: Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Construction nearing completion
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:

Prewire and pipeout completed, Hyvac ducting completed, power mains installed, Far North District Council inspections passed, all kerbs, channel drains and concrete paving completed, all roofing/exterior wall linings/spouting completed and checked. Villaboard lings 80% complete, interior doors hung in place, Gib ceiling complete and started gib wall linings, gib stopping started, woodtex ceilings on-site ready to start fixing, exercise yard metalwork 80% completed fabrication ready for galvanizers.

Key Project Risks	Mitigation of Risk		
Funding	Strict financial management. Funding no longer a risk due to MBIE funding		
Tender	No longer a risk Awarded to KPH Construction Limited		
Key Project Milestones	Expected	Status	Comment
Tender award	Late September	Awarded	Awarded to KPH Construction
Construction	Currently under construction	On Track	Completion early July 2021

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,470,989.00	Construction: \$1,322,581.57 Project Management Time, Professional Fees, & BC Fees: \$36,462.66	\$1,470,989.00

Project Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Mitimiti: Construction is completed at Mitimiti & CCC achieved; Toilet is Operational
	Green	Amber	Opononi: Construction has been completed and we have CCC, facility is being handed over to Operations ready for opening.
	Amber	Amber	Waitangi: Building Consent is approved; Resource consent is granted; this time-consuming process has caused considerable delays to programme.
	Green	Amber	Haruru Falls: Construction of prefabricated build is well underway. Once site blessing is completed, we can move forward with services and then delivery and installation.
Scope	Green	Green	<p>Waitangi: Scope is clear and approved by Stakeholders</p> <p>Mitimiti: Construction complete.</p> <p>Opononi: Construction complete.</p> <p>Haruru: Scope is clear and defined. We are taking power feed from pump station back to site to run pump.</p>
Schedule	Amber	Green	Projects currently tracking behind programme due to consultation and legal agreement delays. An extension of time has been granted from MBIE until Dec 2021, COVID 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	<p>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.</p> <p>Waitangi Toilet will require Archaeological monitoring and there is potential for delays during the construction programme at this known historical site</p>

Monthly Summary:

- Haruru – Blessing of Site now completed, and Installation begins in June 2021
- Waitangi – Blessing of Site completed. Tender Documents being drafted for approval – Open Tender on GETS
- Opononi - construction completed, CCC gained & handover to operations underway

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

Key Project Milestones	Expected	Status	Comment
Waitangi Toilet – Iwi Engagement	July 2020	Completed	Site Blessing Completed
Opononi Construction	October 2020/ Feb 2021	Met – Late Start (November) & finish (May 2021)	Construction Completed & CCC issued
Haruru – Prefab installation	May 2021	Tracking behind schedule, expectation is June for install and completion	Supply chain disruption – Timber products

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1,045,688 (combined)	\$700,914	\$1,045,688 (combined)

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Physical Works contract for SP1 was awarded to Ventia and the Contract is planned to be signed on 03 June 2021. The current strategy is to award the Preferred Route in two Separable Portions with a decision on northern preferred route to be reached hopefully be the end of July 2021. Additional work will be undertaken on the different route options to understand the cost and time implications. Fencing contractor to start fencing off property bought by FNDC in first week of June 2021. Top Energy to commence with Electrical Infrastructure for supply to Sweetwater in June 2021. Work will be broken up in portion to allow for permanent works not to be delayed.
Scope	Amber	Amber	Scope might change depending on the final route under investigation
Schedule	Red	Red	Delay in procurement award due to Easements not being secured has increased as commercial negotiations have not been successful.
Cost	Amber	Amber	Current tender construction costs are within budget allowance but alternative routing and constructing the work in tow separable portions have impacted the costs and also the phasing might result in a decrease in spend this FY.
Project Risk	Amber	Amber	Property and Easements are subject to commercial negotiations and Potential redesign to appease landowner if appeal to district court is in favour of landowner. Winter works, rain delays and permits required for wetland works are project related risks. Lizard study can only be done in warmer months when lizard activity is better and capture for relocation can happen if required.

Monthly Summary:

The risk profile for the legal process has changed and due to unforeseen delays in the Local Government Act (2002) process to obtain entry for construction, and where possible, acquire an easement over the pipeline for the Kaitaia Water project, it is now unlikely that the process will be concluded by the end of June 2021 as previously advised.

The current strategy is to award the Preferred Route in two Separable Portions with a decision on Preferred vs. Northern route required to be instructed to the Preferred Tenderer by end of July to enable a practical completion date of 14 December 2021. Guidance was sought from the Project Steering Group on 11th May 2021.

The Project Steering Group (PSG) has advised the project to continue with the current strategy, but to review the costs, timeline and risks associated with the Northern route(s) and for a new route proposed by Elbury Holdings’ independent engineer. Additional work is required on the various options to understand the cost and time implications. Other property agreements are progressing, it will not be possible to resolve some easements until the route with Elbury Holdings has been agreed.

Actions for the next month are:

- Update the cost and timeframes for the preferred route and northern route. This should also include a commentary on the procurement implications and risks.
- Property assessment on the Hawthorne Geddes route.
- WSP to provide an OOS for a detailed design of the northern route.
- WSP to provide an OOS for a concept design for the Hawthorne Geddes route.
- Investigation to be done on the backwash ability at exiting Kaitaia Water Treatment Plant.
- Blessing of site. Invitation was sent for the 14th of May but has been postponed until further notice.
- Ecologist inspection that is required on site prior to start of construction.
- Top Energy to start with electricity project.
- Property Group to reengage with the Panthers and Brereton’s.
- Lizard survey with a short report to NRC to meet consent condition.
- Contractor to fence off land bought by Council from Tony Hayward and further negotiations for additional work like removal of trees and trenching work for Top Energy. Construction to start on 02 June 2021.
- Site preparation and contractor to compile list of requirements before construction can commence.

The estimated delay to contract award has increased. If contract get signed on 03 June 2021, it would have resulted in a 27-week delay to contract award.

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

Project Costs		Time delay and alternative route option will delay project costs. Construction scope be delivered in two Separable Portions which is affecting the constriction costs.	
Key Project Milestones	Expected	Status	Comment
Award SP1 construction contract	Nov 2020	In progress	Awarded, signing scheduled for 03 June 2021
Alternative route design for separable portion	End of July 2021	Awaiting offer of service	WSP given instruction on 11 May 2021.
Practical completion	September 2022	Delayed	To be revised however delay to contract award will likely increase this to beginning of 2022.
Project Budget Status			
Approved Budget		Actual Spend to Date	Forecast Total Spend
<i>Finance to provide</i>		<i>Finance to provide</i>	<i>Finance to provide</i>

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 nearing completion and received a total of 264 signed off letters to date by end of May 2021 (From the 312 low pressure sewer connections and 16 gravity connections). United Civil has submitted the delay claim and in process to be evaluated. All physical work was completed by end of May 2021, with only two electrical connections to be done by a sub-contractor. United Civil busy preparing handover documentation.
Scope	Green	Green	Scope creep from design issues due to awarding contract without "IFC" drawings, is managed and the HAZOP has been revised for the new site and is completed.
Schedule	Green	Green	Physical construction for plant is completed. Defects and Liability period until October 2021. Practical Completion Certificate for Reticulation work is outstanding.
Cost	Red	Red	Reticulation – United Civil submitted delay claim on 08 April 2021 and are being evaluated. Further supporting documentation have been provided and ETC to make recommendation by 20 June 2021.
Project Risk	Amber	Amber	Official handover of Plant to Far North Waters was done. Unforeseen Health and Safety and operational issues were picked up by Far North Waters during operation. A final list with costs and a risk register was submitted and FNW is awaiting budget confirmation to get issues resolved. All defects and contract related issues have been resolved. Reticulation Delay claim and additional VO's to be managed. 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. Quotes have been received for all the Health and Safety and Operational issues but waiting for formal submission by FNW/Broadspectrum to the project team. The plant is being monitored by Far North Waters and Mott MacDonald. The plant has been performing well and producing compliant effluent from a biological aspect. In order to ensure the plant continues to produce compliant effluent, the following key steps needs to be followed:

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

Reticulation - The reticulation project is nearing completion and we have received a total of 264 signed off letters to date (From the 312 low pressure sewer connections and 16 gravity connections). United Civil has submitted the delay claim and are being evaluated. Physical work has been completed and only two electrical connections and tidying up work outstanding. There are a few RFS's from property owners and United Civil is busy addressing them. Awaiting handover documents in order to issue the Practical Completion Certificate.

Key work completed during May 2021

Treatment Plant

Construction

- Flow Meter relocation at WAS Tank.

Design (All by Mott MacDonald)

- Investigating and commenting on the Health and Safety and operational issues raised by FNW;
- Attend to report list required by FNDC for audit;
- Asset Data Sheet was updated and issued to the Asset Management Department from FNDC; and
- As built drawings were updated and issued.

Commissioning

- Ongoing testing and analysis 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.

Reticulation

Construction

- All 328 Properties connected. 268 signed off property letters received;
- As Builts - Surveyor full time on site;
- Slab for generator at Terminal Pumpstation;

- Planning and pricing the Cobham Road Bridge connection;
- Top soiling and finishing off and obtaining signed off sheets of remaining properties; and
- Attending to complex properties.

General

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

Main activities planned on the Treatment Plant for June 2021 are to capture the Asset Data Register and finalising the quotes for the Defects and the safety and operational issues raised by Far North Waters.

Reticulation – Completion of the electrical connections of the problematic sites and finalizing of all handover documents by Project Team.

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	Assess design odour control efficiency during operations
Design changes increase schedule and cost	Facilitate alignment between design and construction
Managing stakeholder expectations	Communicating of timeframes ongoing through monthly newsletters and direct communications by staff and Project Manager. RFS from community are ongoing and critical that all homeowners are satisfied with the reinstatement by contractor on the reticulation project.
Commissioning Phase 6 - Unforeseen and results not being achieved	Defects picked up by Operators that will require adjustments or additions.
Covid-19 level changes	Far North Waters ready to implement any level changes.
Cost Management of Reticulation Contract	Delay claim and variation orders on Reticulation Project
Project to be capitalised	Getting the necessary as-builts and asset data from contractors to capitalise project in time for rates adjustments of 1 July 2021.

Key Project Milestones	Expected	Status	Comment
Asset Data Register update and capitalising of Project	31/06/20	Pending	Draft Asset Data for both projects submitted to FNDC. Finalising comments received and further breakdown of some components and costs.
Practical Completion of Kerikeri WW reticulation and Close Out	31/06/21	Pending	First and second stage completed. Stage 3 started in December 2020 and will continue until June 2021.
Decommission existing Kerikeri WWTP	tbc	Pending	Budget to be confirmed.

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

Project Name: Monument Hill Deep Bore Project

Project Phase: Stage 2 Drilling - Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	<p>The drilling of the production bore that started in December 2020 and was completed on 24 February 2020. Test pumping was performed in March 2021. The data from the test pumping is now being analysed to determine the sustainable (long term safe) yield of the bore, and the effects of pumping on the shallow aquifer and springs. The report from Williamson Water and Land Advisory (WWLA) is now only expected in May 2021. The outcome of the report will determine the fate of stage 3.</p> <p>Stage 1: Bore Design and Quality Testing (Complete)</p> <p>Stage 2: Sustainable Yield Assessment & Consenting to provide a sustainable supply of highly secure potable water for the Kaikohe community (In progress)</p> <p>Stage 3: Reticulation and Electrical Design</p>
Scope	Green	Green	<p>The physical works for stage 2 scope is confirmed. The outcome of stage 2 and testing will determine the fate of stage 3. (Will only be done if test results in Stage 2 are satisfactory). The physical works for stage 3 will entail installing a pump and laying a trenched pipe to connect to the Monument Hill Water Treatment Plant. Electrical upgrades at the water treatment plant and public infrastructure will be required. Scope to be determined.</p>
Schedule	Amber	Amber	<p>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.</p>
Cost	Green	Green	<p>Project on budget.</p>
Project Risk	Amber	Amber	<p>Landowner agreements to be finalised.</p> <p>Preliminary estimation indicates a sustainable yield delivery of around 350m³/day. (Current bore sustainable yield = 363m³/day, predicted sustainable yield was 600m³/day and).</p> <p>Impact of Bore on groundwater might restrict project. Waikotihe Trust relationship to be monitored.</p>

Monthly Summary:

Construction

- De establishment of contractor and reinstatement of area to condition prior to drilling of bore.

Design

- WWLA will run the two below scenarios for the modelling to determine the impact and efficiency.
- Use of the deep bore exclusively in summer, use of the existing bores in winter to allow the deep aquifer to recover.
- Use of a combination of the existing bores and the deep bores and recovery of both over the winter.
- The scenarios will be evaluated against the impact on the springs and other surface water resources and response during dry periods to define the likely management options.

General

- Waikotihe Trust relationship and consent to be managed - obtain the Trust consent to proceed with the project.
- Meeting is scheduled with Waikotihe Trust for 16 June 2021 to present the results of the pump test by the project team.

Key activities planned for June 2021:

Design

- WWLA to estimate the operational costs of the new bore; and
- WWLA to complete the modelling and groundwater effects impact and compile and lodge the resource consent application with NRC early June.

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. Meeting is arranged for 16 June 2021 with Waikotihe Trust for WWLA to present findings of Stage 2.

Key Project Risks	Mitigation of Risk
Land Stakeholder Engagement and Approval	Agreement with Landowner to be managed by FNDC legal team. Waikotihe Trust relationship and consent to be managed - obtain the Trust consent to proceed with the project.
Water Quantity	The sustainable yield from new bore to be determined. Preliminary estimation indicates a sustainable yield delivery of around 350m ³ /day. The above is to be determined/confirmed
Water Quality	Williamson Water and Land Advisory performed water quality tests on exploratory bore and did not smell and was clear. The dissolved iron concentrations were identified as a water quality risk and needs to conform to DWSNZ standards.
Existing Water Treatment Plant	Possible amendment to existing Water Treatment Plan and electrical requirements to new setup remains a cost and timing risk.

Key Project Milestones	Expected	Status	Comment
WWLA to complete the modelling and groundwater effects impact and compile	End of June 2021	Pending	

and lodge the resource consent application with NRC			
Presenting of test results to Waikotihē Trust	16 June 2021		Project Team to meet in Kaikohe.
Resource Consent outcome	8 to 12 weeks (Expected end of September 2021)	Awaiting outcome of Stage 2 testing	On the assumption that it will be a Non-Notified application. Delayed by three months as a results of test report.

Further milestones to be determined after outcome of testing

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$1 180 000	\$190 383.60	\$1 180 000

Project Name: Paihia WWTP Upgrade - Alkalinity Adjustment Project

Project Phase: Planning and Design – Chemical Dosing

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	With the completion of Contract 6-18-500 all references have been removed and reporting is on Alkalinity Adjustment as a separate project. Chemical dosing requirements have been confirmed, project is in planning and design phase.
Scope	Green	Green	WSP have been engaged to carry out the design and technical specification
Schedule	Green	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
Project Risk	Amber	Amber	HAZOP has identified site restriction issues that will need to be resolved.

Monthly Summary:

Three possible sites were inspected for operational suitability and constructability followed by a HAZOP. The HAZOP process eliminated two sites due to the traffic safety restrictions that are impractical to overcome, restrictive access, available room for chemical delivery and transfer. The third site has several site restrictions issues that need to be resolved before detailed design can continue. Council staff are actively looking for other possible sites.

Accomplishments:

- Site Inspection Completed
- HAZOP Completed.

Expected Accomplishments:

- Site Survey Completed
- Geotechnical review completed.

Key Project Risks	Mitigation of Risk
Breach of consent conditions because of the low alkalinity	Continue 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 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	No changes in scope.
Schedule	Green	Green	Completed
Cost	Green	Green	Cost of project did not exceed budget.
Project Risk	Green	Green	None

Monthly Summary:

All physical work 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.	
Getting Asset Data from Ventia		Follow up with project team and manager	
Key Project Milestones	Expected	Status	Comment
Asset Data Sheets	30/05/21	In progress	Awaiting info from Ventia
Formal acquisition by Gazettal process	30/06/21	In progress	Submitted, awaiting approval

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
\$946,665	<i>Finance to provide</i>	<i>Finance to provide</i>

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	<p>Currently the project is tracking slightly behind the original programme, this is due previously mentioned delays and some further planning delays.</p> <p>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.</p> <p>Additional Specialist Reports is required as part of the Notified Resource Consent applications.</p> <p>Upon completion of various Specialist Reports additional planning and design is required before Resource Consent can be submitted.</p>
Cost	Green	Green	The project is running within budget.
Project Risk	Amber	Amber	<ul style="list-style-type: none"> - Resource Consent processing times - NTA approvals - Any changes to approved concept layout would be a risk to the project. <p>Meeting procurement objectives results in a longer procurement process.</p>

Monthly Summary:

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

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

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

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

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

Key work completed in the month of April 2021:

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

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

Key Project Milestones	Expected	Status	Comment
Initiation	03/08/2020	Completed	
Resource Consent	Jun 2021 – Oct 2021	Planning	Pre-app meeting held. S92 items identified. RC will be notified consent
Concept Design	Jan 2021	Ongoing	
Developed Design	Jul – Aug 2021	Underway	

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 \$0.02M - Design fees	\$11M

Project Name: Kerikeri Domain Revitalisation

Project Phase: Concept Stage

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

Monthly Summary:

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

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

A live survey for input into the proposed play space closed on 02 May 2021. Results will be incorporated into design brief.

Landscape designer has been appointed.

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

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

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	Options have been presented to Council in conjunction with discussions around the legal implications of investing in new coastal protection structures. Council has given approval to proceed with the stakeholder engagement phase of the project providing the options presented includes a managed retreat option. A draft engagement plan has been provided to the elected members as requested.
Scope	Green	Green	No changes in scope
Schedule	Amber	Amber	Delay due to hold up over Council meeting.
Cost	Green	Green	No impact on project costs to-date
Project Risk	Green	Green	As per below

Monthly Summary:

Presentation to Council on 13 May resulted in approval to engage with key stakeholders over proposed options, plus a managed retreat option.

Stakeholder engagement plan issued to Council as requested.

Initiate collation of collateral for stakeholder engagement.

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

Key Project Milestones	Expected	Status	Comment
Presentation to Council of work to date including options considered and proposed consultation strategy.	Mid May	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	Construction is completed and system is operational. Minor landscaping and project close-off remaining.
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. Construction is anticipated to be completed next month.
2	Pungaere Road Seal Extension	Approved with Funding Agreement	Works onsite has progressed well with completion of the full Pavement overlay and stabilisation throughout the 3.5km length of the site. The sealing of 3.4km of the total 3.5km site has been completed with the sealing of the Waiare Road intersection completed in May. The 100m section at the stock underpass to be sealed once the stock underpass is completed. Road-marking has been completed throughout 3.3km of the site, with the 100m at intersection with Waiare Road to be marked in early June when surface conditions allow.
3	Cable Bay Carparks	Approved with Funding Agreement	Agreement has the construction phase scheduled in the next financial year. A local designer has been approached to schedule the design process. Design is scheduled to be completed in July with procurement taking place in August and will be aligned with the Te Hiku PGF project to maximise productivity and local economic benefits.
4	Taipa Beach Pohutukawa Protection	Completed	Remedial work completed.
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)	Completed	Drainage issue resolved and shower installation is now complete.
6	Stone Store Lighting	Approved with Funding Agreement	Final design completed and long lead time materials have been ordered. Still targeting July.
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	Approved with Funding Agreement	Final report completed. Infrastructure committee received the report on the 5 th May 2021. Now closing off with MBIE.

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: Under evaluation with MBIE

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

Applications have been submitted for the following projects:

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

NEW CONNECTIONS AND FNDC CONSENT REVIEW

Activity		May 2021	YTD '21	YTD '20	
Applications for new Water and Wastewater connections		18	100	95	18 requests to connect to Council water and wastewater services were received in May 2021. Year to date Council has received 100 applications (compared to 95 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	28	498	325	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	150	1818	1232	IAM's consents technician input into Land Information Memorandums by completing soil reports and assessing development contributions.

ENGINEERING STANDARDS

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

EXECUTIVE SUMMARY

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

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

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

Key issues on the draft ES:

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

Document

Link: [Engineering Standards Far North District Council \(fndc.govt.nz\)](https://fndc.govt.nz)

ES Table of Content

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

INTRODUCTION

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

The FNDC ES scope is as follows:

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

ES REVIEW STATUS & MILESTONES

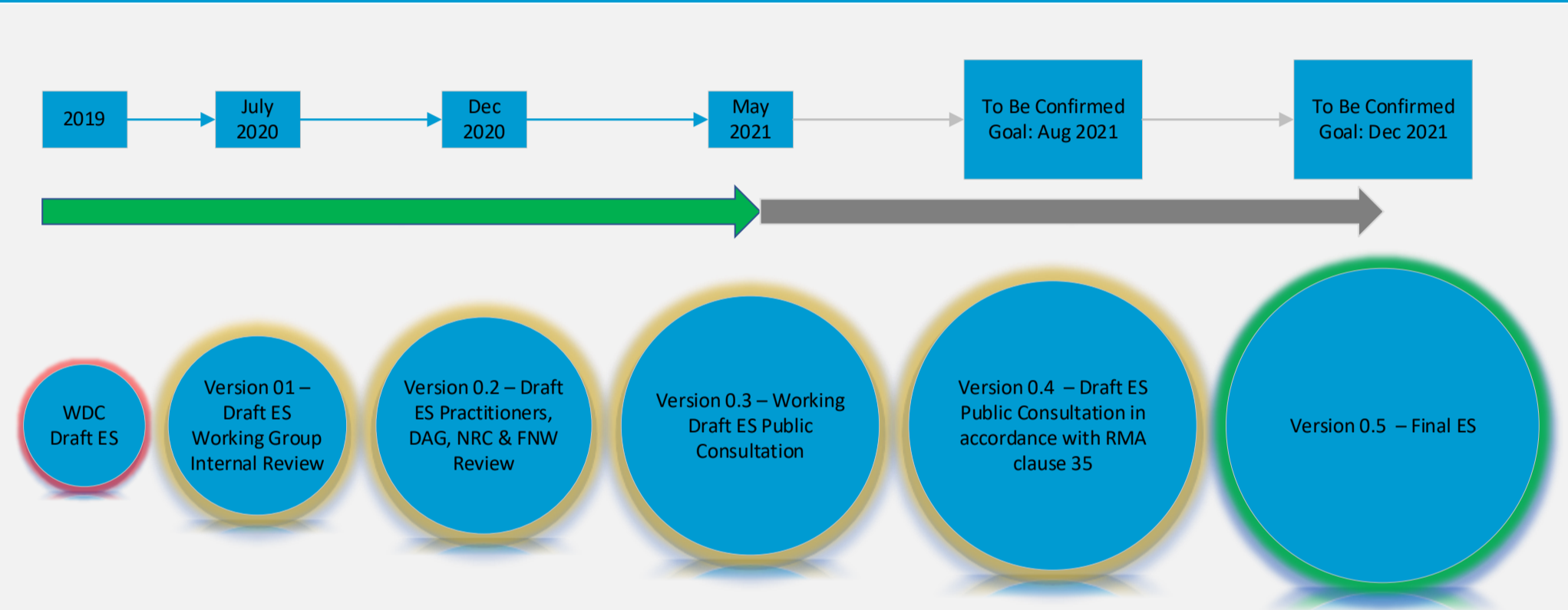


Figure 1 Key Milestone Flowchart

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

Note:

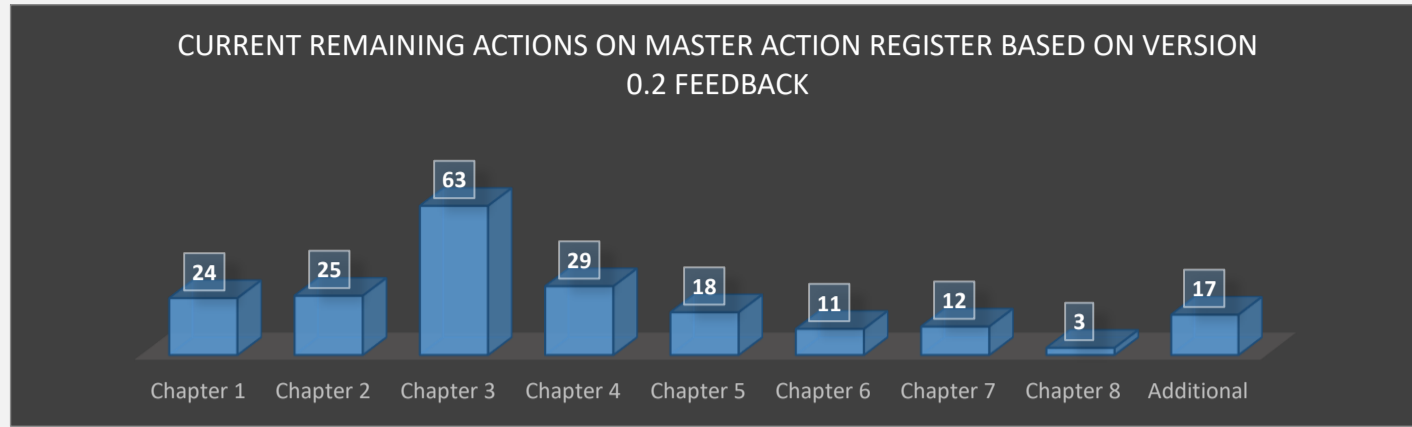
The Engineering Standards will be incorporated by reference in the proposed district plan. Making available a working draft allows for ongoing exchanges and refinement designed to maximise the integration of the technical document with the new district plan provisions.

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

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

PROGRAMME DARWIN

To lead best practice enterprise asset management in New Zealand.

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

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

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



EXECUTIVE SUMMARY

Program Darwin continues to advance albeit at a moderate rate. No significant change in status. Technology workstream has submitted a revised SoW, data cleansing is continuing but delivery timelines remain uncertain. Process workstream lead identified, appointment to be confirmed. Stakeholder workstream lead position remains vacant. Reset session scheduled for 21 May 2021 better aligned organisational understanding on what Darwin means and the impact it will have, setting a common forward direction for Darwin.

Programme Darwin - Status Report

← Programme Details

Reporting Period	May 2021	Report Date	04 June 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	→	No significant change in status. Technology workstream has submitted a revised SoW which is under review, data cleansing is continuing, however, timelines to completion remain uncertain. A Potential Lead has been identified for Process workstream; this needs to be authorized with her Manager. Stakeholder workstream lead position remains vacant. Reset session run on 21 May 2021 that aligned understanding and set a common forward direction for Darwin.
Benefits		No change; remains the basis of performance framework for 2022 and outyears.
Capability		Challenges remain with project delivery resourcing across the project team, including asset SME's, IT project support and supply chain capacity to support project inputs.
Leadership		Programme leadership has been strengthened with the appointment of a permanent Manager Asset Management & Infrastructure Planning to foster greater integration and task prioritisation and the appointment of the Programme Manager – EAM.
Budget		Darwin does not have a budget. Currently project budgets appear within forecasts, however, actual spent and staff claims against budgets remain under investigation. 2022 and follow-on year budgets yet to be defined.
Roadmap		Revised timelines, deliverables and expectations detailed in November update to Elected Members are unrealistic. The Reset session will provide guidance towards a revised Roadmap. The velocity at which data cleansing is being performed remains an issue.
Risk		A number of variables, resourcing, workstream budgets, rate of delivery etc. still plague the programme. Also, the uncertainty surrounding proposed three waters reforms.

← State of Play

Last Month	Next Month(s)
<p>Programme: Mapped out the programme of work for AMS Project Phase 1b.</p> <ul style="list-style-type: none"> Technology W/S-1: Revised the SoW to ensure organizational expectations are met once Phase 1 (a & b) are delivered. Process W/S-2: Condition assessments to continue and accelerate. Transformation W/S-3: Reset session run. Stakeholder W/S-4: Continued engagement with all data supply chain partners e.g., Far North Waters on system requirements. 	<p>Programme: Gain SLT approval for revised programme of work to be delivered by AMS Project Phase 1b.</p> <p>A risk workshop will be held to identify the key risks that may impede the programme of delivering on its mandate.</p> <ul style="list-style-type: none"> Technology W/S-1: Review the SoW to ensure organizational expectations are met once Phase 1b is also delivered. Process W/S-2: Condition assessments to continue and accelerate. WS Lead to be appointed. Transformation W/S-3: Workshop to be held following Reset session, once WS leads are appointed. Stakeholder W/S-4: Continued engagement with all data supply chain partners e.g., Far North Waters on system requirements.

← Programme Workstreams

Name	Type	Status	Programme Comment
1-TECHNOLOGY: Integrated Asset Management System (IPS)	Project		Full operational use of IPS Suite will only be possible once all the data loads have been migrated (mid-2022), and the system has been configured (towards the end of 2023). The status has been updated to reflect the updated schedule from the AMS project manager reflecting the revised timeline. The team is experiencing delays within the data cleaning process.
2-PROCESS: Asset Life Cycle, Processes, Condition Assessment, Data & Analytics	Operational		Workstream lead vacant. No budgetary changes, the planned LAMP pilot is not expected to be ready by June 2021. Currently, the completion of a pilot LAMP is projected to be delivered December 2023. Condition surveys are progressing, ensuring the process, and tooling for the capturing of field data will provide for an efficient process, correct asset fields and accurate data. WinCan is being proposed as a potential solution to address these requirements.

← Programme Workstreams			
Name	Type	Status	Programme Comment
3-TRANSFORMATION: Roles & Responsibilities, People & Culture	Improvement		Initial survey completed (Field Force). 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 R and Bonnee H.
4-STAKEHOLDERS: Upwards, Downwards, Outwards & Sideways	Improvement		Workstream lead vacant. Engagement program yet to be initiated. Communications Framework to be reinvigorated.

← Programme Milestones				
Milestone	Baseline Date	Actual Date	Status	Comment
Identify Stage completed	N/A	Continues		The programme of work agreed for Phase 1a will not deliver on Council's business requirements without adding Phase 1b; Phase 2 & 3 delivery plans to be workshopped with the stakeholder group over the coming months.
Define Stage completed	31/12/2022			Operational demands on project resources along with discovered issues relating to data and data access have delayed progress until the availability of condition data and working system environment is resolved.
Execute Stage completed	30/12/2023			Delivery date extended to reflect the adaptation necessary once the team begins with condition data importation.
Product Review Stage completed	Beyond 2023			Project & workstream delivery will be staggered to ensure each value release builds on prior releases over 2022-2023. The reduction in condition budget may foil the delivery of a fully mature system by June 2022.

← Top Programme 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. This issue is 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 constrains may lead to an adjusted risk profile.	Possible	Major	Stable	The SLT was made aware of this risk and assistance requested to resolve same.	PrgM – EAM	May 2021
14	Investigation into budget management have identified some potential issues with coding of time.	Probable	Significant	Improving	Changes to budget allocation still being worked through.	PrgM – EAM	May 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	May 2021

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

INFRASTRUCTURE PLANNING

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

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

EXECUTIVE SUMMARY

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

- The 2021-2051 Infrastructure Strategy is largely completed, and staff are currently addressing audit feedback.
- 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 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 have commenced 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



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
District Transport Strategy		●	●	●		FY19/20	The Council endorsed Integrated Transport Strategy Programme Business Case awaits NZTA Board approval. The programme has been incorporated into the draft Regional Land Transport Plan and NZTA suggested modifications have been effected to ensure improved chances of gaining subsidy. RLTP Deliberations on feedback were undertaken by Regional Transport Committee. The Transport Strategy development project is now being prepared for closure and preparations are underway on next phase implementation planning. The FNDC website has been updated with the draft Transport Strategy. LTP deliberations will be undertaken in May
Sludge Strategy – End Use		●	●			Ongoing	Making good use of the sludge as a resource is a challenge. The 2018 Sludge Strategy identified a number of potential options for end use, including identification of a preferred end use (quarry rehabilitation), however initial development of this option identified a number of potential hurdles. Staff are reviewing end use options with the intention of determining a preferred option. Further work, in terms of implementing the preferred overall sludge management approach (the centralised strategy option) is required to facilitate the current review of the end use options outlined in the sludge strategy.
WWTP Consent Replacement Programme		●	●	●		Ongoing	A programmed approach has been initiated to support the consent replacement process for Councils wastewater treatment plants. An initial planning assessment has now been completed to cover the consent replacements that need to be lodged over the next five years. That work provides key planning considerations, risks and technical information requirements for each consent application. Commissioning of urgent technical work required to support the Kaikohe and Kaitaia wastewater treatment plants is largely complete.
2021-2051 Infrastructure Strategy	 	●	●	●		Ongoing	The Local Government Act requires that all Local Authorities prepare an infrastructure strategy as part of the long-term plan. The infrastructure strategy sets down Council's strategic response to address major long-term infrastructure challenges. The strategy is largely completed, and staff are currently addressing audit feedback.
Paihia Network Model Upgrades		●	●	●		Mid 2021	Separate projects are underway to update and calibrate the water supply and wastewater network models for Paihia. Both projects are on track to be completed within the project completion deadline.
Balance of WW and WS Model Upgrades		●	●	●		Ongoing	FNDC has secured DIA funding via the 3W Reform to update as many of our WS and WW models as we are able to, within the funding timeframe available, to 31 March 2022. 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. Offers of service have been received from three consultants, which collectively will result in Stage 1 Data Review and Gaps Analysis is being carried out for the remaining 21 networks (WS and WW). Purchase orders for Stage 1 work, along with initial data packages are expected to be issued to the consultants in early June. An output of Stage 1 is the scope of model update required for each model, based on the findings of the data analysis and gaps review. This output will be used to inform the RFQ's to be issued later this year for Stage 2 and 3 of each model update project.
Water and Wastewater Demand Forecasting		●	●	●		Mid 2021	Reports outlining the recommended methods for forecasting demand for water supply and forecasting additional wastewater flows have been issued by the consultants engaged for this purpose. Currently the programme is on track to have the methodologies developed, and implemented with regards to the Paihia schemes, by mid-2021.
Wastewater Disposal to Land Investigations		●	●	●		Ongoing	Policy D.4.3 of the Proposed Regional Plan for Northland sets out that a resource consent application to discharge municipal wastewater to water will generally not be granted unless a disposal to land option has been considered and found not to be economically or practicably viable. FNDC staff developed a desktop method to assess and identify sites potentially suitable for wastewater disposal to land (WWDTL). The desktop analysis as applied to the communities of Kaitaia and Kaikohe indicated that WWDTL is potentially feasible for both communities. These findings, along with high level economic analysis of the cost to establish WWDTL in each community, and the expected rating impact, were reported to the Infrastructure Committee Meeting dated 05.05.21. Staff were directed via resolution to engage with stakeholders to identify a preferred site for each community and progress each preferred site to WWDTL preliminary design stage, and additional funding to undertake this work was recommended for inclusion in the LTP. Staff continue to work on a desktop analysis for WWDTL in the community of Hihi and participate in stakeholder engagement planning for the Hihi community project.
Ahipara Wastewater Disposal to Golf Course Investigations		●				Ongoing	An assessment of the potential viability of disposing treated effluent from the Ahipara WWTP to the Kaitaia Golf Course has been provided to interested parties, specifically including the Kaitaia Golf Course, for their consideration. Following considerations, interested parties have indicated that further investigations are supported, and staff have issued an RFQ to consultants to undertake a concept level investigation into the feasibility of discharging treated wastewater to the land at the Kaitaia Golf Course, which will include preliminary geotechnical testing, and an outline of potential discharge methods.
Parking Policy and Bylaw		●	●			June 2022	The current Parking and Traffic Control Bylaw was not reviewed and will be automatically revoked on 17 June 2022. The district-wide parking policy and associated bylaw project is underway with significant research undertaken in-house. The Project Brief has been modified to address risk associated with policy development timeline impact on delivery of the bylaw by 17 June 2022. A Project Plan will be developed to establish the programme of consultation and

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
						engagement activities for interested and affected parties. Council's Engagement team will help facilitate this essential element contributing to the successful adoption of this critical and very topical project.	
Wastewater and Water Supply Service Areas Review		●				FNDC have commenced a project to review the current water supply (WS) and wastewater (WW). An RFQ has been issued to consultants to assist FNDC with undertaking a review of the current service areas, and how connection applications are managed. The RFQ also requires identification of best practice approaches to managing WW and WS service areas, and recommendation of a draft connections policy. 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. It is known that the nutrient levels in the discharge will need to be reduced to improve water quality and to meet appropriate environmental standards. To achieve this, it is likely that the treatment plant will need a significant upgrade. Technical work to support the application has been commissioned. The preferred upgrade option has been identified along with high level costs for input into the LTP. Community and Tangata Whenua engagement continues.
Kaitaia WWTP Renewal		●				August 2021	The Kaitaia wastewater treatment plant (WWTP) services the urban areas of Kaitaia. The existing consent expires 30 November 2021. An application to renew the consent will be lodged with the NRC prior to 30 August 2021. The technical work to support the application has been received in draft and will be finalised and available on the new WWTP webpage for Kaitaia by mid-June. Community and Tangata Whenua engagement continues and Te Runanga o Te Rarawa have offered to complete a Cultural Impact Assessment.
Motutangi Drainage District Concession application		●	●	●		TBC	In late 2019 DOC advised that the draft concession report would be peer reviewed and then be sent to Kaitaia's Operations Manager for approval. However, despite continued requests for updates no information was provided until recently. In late August staff were advised DOC had a new Operations Manager in Kaitaia and that the concession application would be approved (or otherwise) by the new manager. The change in management has required a complete review of the application and it is understood the Manager is seeking an internal legal opinion on the drainage activity in the Kaimaumau Scientific Reserve. Once that has been received staff will continue to work with DOC to progress the concession application.
Southern Animal Shelter		●	●			April 2021	Resource consents from both NRC and FNDC are required to construct the new southern animal shelter. Applications have been lodged and are currently being processed. It is expected that the consents will be issued in June.
East Coast / Taipa WWTP WG		●	●	●	●	March 2021	The recently issued resource consent required working group (WG) consisting of senior council staff, Ngati Kahu hapu and community representatives to be established. The group met in April and will continue to meet monthly over the next year. The first milestone to be achieved by the WG is to assess the options for disposing of treated wastewater (including land disposal options) and to provide a report to NRC with the best practicable option (BPO) by 1 September 2022. If the BPO is land disposal then NRC must be notified by 1 July 2023 whether or not Council, it is committing to the land disposal option.

Activity	Comment
Collaboration and Engagement	
Parking policy and bylaw	A collaboration project with the Strategic Planning and Policy department is underway to write a district-wide parking policy and associated bylaw. The need for a parking policy is clear having been identified throughout the Integrated Transport Strategy and Plan. The current Parking and Traffic Control Bylaw was not reviewed and will be automatically revoked on 17 June 2022.
Disability Action Group	The team remain actively engaged with the Disability Action Group. Recent activity includes confirming to the group that their engagement in the Integrated Transport Strategy has led to the inclusion of several projects and activities in the transport programme which will address the lack of facilities and services for people with disabilities. For example, we are working closely with NRC to expand the Total Mobility scheme into the Far North. Our engagement with the group is providing valuable insight into matters that need to be included in the new Engineering Standards.
Regional Council	The Transport team are active members in the Regional Land Transport Plan working group with a key objective to ensure that the Far North Transport Strategy and Programme are fully incorporated and fairly represented alongside our neighbouring Districts in the RLTP. We were part of the team that road showed and promoted public interest in the RLTP around the region in March. Deliberations on feedback will be undertaken in April and be reported to the Regional Transport Committee for deliberation in May.

Activity	Comment
Water Supply Bylaw	FNDC's current Water Supply Bylaw is due to be revoked on 16 October 2021; SPP staff, with support from IAM staff, continue to work on revising the content of this necessary bylaw, including seeking input from relevant internal users of the current bylaw. Key content of the revised bylaw will enable FNDC to implement water restrictions on water supply schemes, in preparation for or times of drought.
On-site water storage options paper	On-site water storage has been suggested as a possible solution to improve the resilience of the district's water supply schemes. SPP staff, with support from IAM staff, drafted a briefing paper for the Strategy and Policy Committee meeting held on 09 February, which set out relevant work undertaken by FNDC regarding on-site water storage, and summarised the current stance of other local councils regarding the potential for on-site water storage to improve water supply resilience. This briefing paper is intended to be followed up later in 2021 with a workshop with Elected Members, and an in-depth report that analyses the problem of water supply resilience and will include consideration of on-site water storage, along with other options, to improve resilience of FNDC's water supply schemes. IAM staff support will be integral to the drafting of the follow-up report, with the completion of work streams described above, such as the demand forecasting work, required to inform the in-depth report on water supply resilience. <u>Due to work prioritisation within the SPP team, it is understood that this work is not currently being progressed by SPP.</u>
Web platforms for WWTPs and associated projects	Alongside SPP's engagement team, webpages are being developed for each WWTP. The webpages will include an explanation of the type of treatment that occurs at each WWTP and any associated projects, for example consent renewal projects and treatment upgrades.

INFRASTRUCTURE COMPLIANCE

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

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

EXECUTIVE SUMMARY

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

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

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

WATER SAFETY PLANS PROJECT

The Water Services Bill 2020 continues to progress through the select committee stage, and the subsequent establishment of *Taumata Arowai* the Water Services Regulator. The Bill effective date has moved to a later date of 1st November 2021.

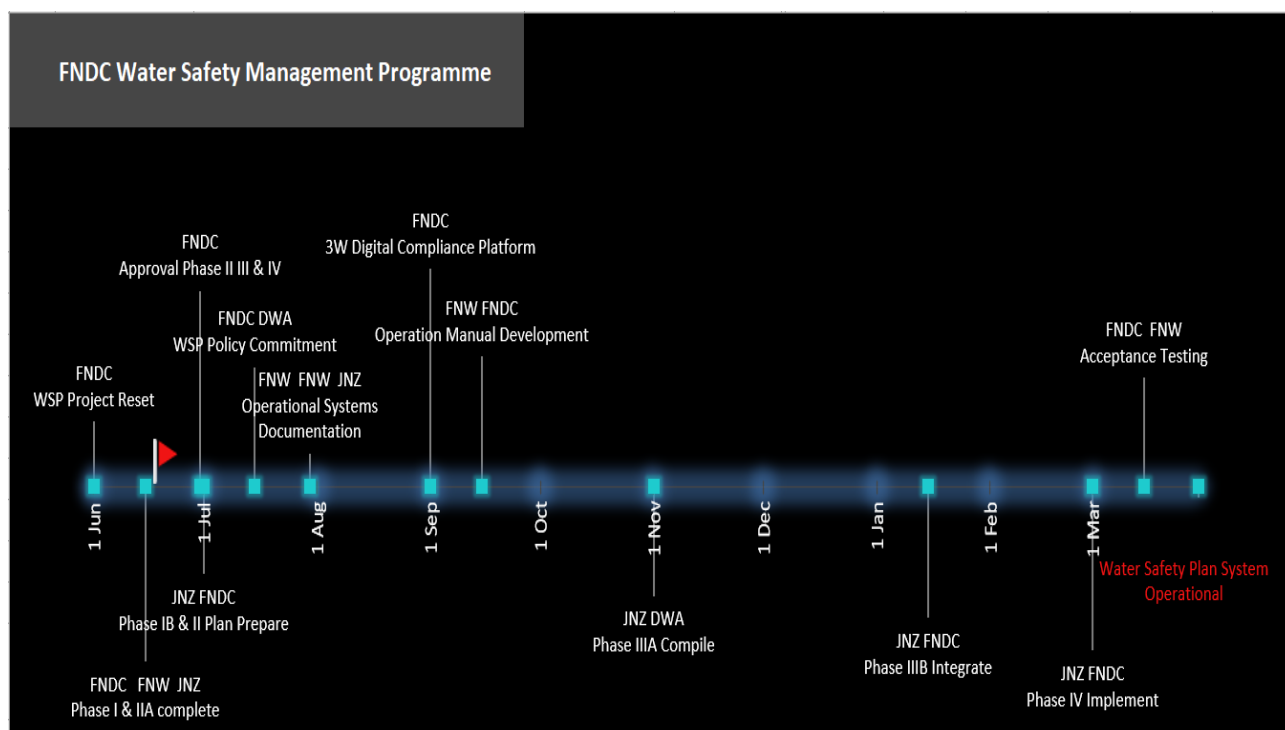
Along with review of Council’s Water Treatment and Supply Bylaw’s there is continued emphasis for the FNDC Asset Compliance Team to meet the milestones in development of the updated Water Safety Plans. The Drinking Water Assessor (Northland District Health Board) has been kept informed of developments and offered some additional direction of new information from Health networks.

In the last month the work has centered on an internal audit review, carried out by the IAM Compliance Group, to examine costings and approvals. At this date the project is fully within approval and costings are within budget contingency. Looking ahead a further round of approval will sought for next phases of the WSMS programme.

FNDC WATER SAFETY MANAGEMENT SYSTEM PROGRAMME

The work in extrapolating existing water safety system approaches and building new Water Safety Plans (WSP’s) for each of the 8 water treatment plants FNDC control, continues. A feature of the new WSP regime is that the monitoring and reporting on Water Quality should reside on a single wholistic source encompassing the total FNDC Drinking Water Supply Network.

The WSMS Programme has been recast to include necessary adjacent workstreams with input into the WSP development project. See programme timeline table below. The orange flag indicates present progression.



Project Milestones		
Date	Milestone	Assigned To
1/06/2021	WSP Project Reset	FNDC
15/06/2021	Phase I & IIA complete	FNDC FNW JNZ
30/06/2021	Approval Phase II III & IV	FNDC
1/07/2021	Phase IB & II Plan Prepare	JNZ FNDC
15/07/2021	WSP Policy Commitment	FNDC DWA
30/07/2021	Operational Systems Documentation	FNW FNW JNZ
1/09/2021	3W Digital Compliance Platform	FNDC
15/09/2021	Operation Manual Development	FNW FNDC
1/11/2021	Phase IIIA Compile	JNZ DWA
15/01/2022	Phase IIIB Integrate	JNZ FNDC
1/03/2022	Phase IV Implement	JNZ FNDC
15/03/2022	Acceptance Testing	FNDC FNW
30/03/2022	Water Safety Plan System Operational	

DRINKING WATER STANDARDS – *Monitoring strategy and Risk Reporting*

Taumata Arowai’s recent DRAFT ‘Drinking Water Supply Operational Compliance Rules’ [DRAFT drinking water supply Operational Compliance Rules \(dia.govt.nz\)](#) has set out the requirements that drinking water suppliers must meet to demonstrate that they are not exceeding the maximum acceptable values (MAV) for microbiological, organic, inorganic, cyanotoxin and radiological determinands which are set out in the ‘New Zealand Drinking Water Standards 2005 (revised 2018) effective 1st March 2019’. A determinand is a constituent or property of the water that is determined, or estimated, in a sample. The National Environmental Standard uses the term ‘determinand’ rather than ‘contaminant’ because it has a specific and narrower meaning, as defined in the Resource Management Act (1991).

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

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

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

- Calibrations of online analyses monthly rather than quarterly
- Surface water takes requiring 4 log treatments.

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

WATER MONITORING SOFTWARE

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

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







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

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



















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







Summary of Abatement Notices

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

Location	Asset	Asset Type	Non-Compliance	Action Underway
	Mangonui Handrail		<ul style="list-style-type: none"> The abatement notice was issued in May 2018 Erection of a safety rail on the Mangonui boardwalk required 	As agreed by Northland Regional Council, 80m of handrail was installed in September 2018 in high-risk area. A Resource Consent issued for boardwalk improvements. Initiations to cancel the existing abatement notice are actioned in early 2021.
	Kaitaia Recovery Centre		<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> The abatement notice was issued in Apr 2016 due to the plant evidencing non-compliance with the E. coli limits. 	The preferred upgrade strategy which derived from the 'Issues and Options' report was: chemically assisted solids removal, UV disinfection, with an external ammonia removal package, including the maintenance of harbour discharge. This upgrade strategy has supported the resource consent renewal application and has been put forward in the Long-Term Plan.
	Kaitaia WW Network		<ul style="list-style-type: none"> The abatement notice was issued in April 2016 due to unconsented network overflows Unconsented network overflows 	Screens have been installed at the overflow location and programme of work is underway to reduce frequency of overflows. An Action Plan has been created to prioritise the creation of a Leak Detection Plan as a result of the planned zonal monitoring.
	Kerikeri WWTP (application to cancel after 18 December)		<ul style="list-style-type: none"> The abatement notice was issued in July 2020 due to a non-compliance with the wastewater discharge criteria. 	A full update on the WWTP performance and request to withdraw the current abatement notice was given to the NRC Monitoring Officer on 12 March demonstrating continual compliance.

WATER AND WASTEWATER RMA COMPLIANCE REPORT – May 2021

Sites	Asset Group	May Status		Comment
		Compliant	Detail	
Kaitaia		●	Compliant	
Kaikohe		●	Compliant	
Kawakawa		●	Compliant	
Kerikeri		●	Compliant	
Okaihau		●	Compliant	
Opononi		●	Compliant	
Paihia		●	Compliant	
Rawene		●	Compliant	
Russell		●	Compliant	
Ahipara		●	Condition 10 Condition 2	<ul style="list-style-type: none"> An analysis and recommendation report of the inter stage testing has been commissioned and sent to NRC
Hihi		●	Compliant	<ul style="list-style-type: none"> The project to upgrade plant is in its initiation phase. DWF Status: Compliant
Kaeo		●	Compliant	
Kaikohe		●	Compliant	
Kaitaia		●	Compliant	<ul style="list-style-type: none"> A zonal metering program for Kaitaia has been scheduled for this financial year. This zonal monitoring will identify all catchments where leaks are present. All 7 chambers have been installed and there is a final step with regards to the monitoring system used to complete the install. DWF Status: Compliant
Kawakawa		●	Compliant	
Kerikeri		●	Compliant	<ul style="list-style-type: none"> DWF Status: Compliant
Kohukohu		●	Compliant	<ul style="list-style-type: none"> DWF Status: Compliant
Opononi		●	Condition 19 - TAN, E.Coli	<ul style="list-style-type: none"> An issues and options report has been commissioned by FNW Process Engineer and will be sent to NRC upon completion. DWF Status: Compliant

Sites	Asset Group	May Status		Comment
		Compliant	Detail	
Paihia		●	Condition 9 – NH4 – N Condition 13 - pH	<ul style="list-style-type: none"> A performance and report and long-term solution proposal has been finalised which has now been sent to Far North District Council Asset Management and Project Delivery for approval. Further update will be provided in March's report. In the short term, the planned daily chemical dosing began on 6 November demonstrating compliance. DWF Status: Compliant
Rawene		●	Compliant	<ul style="list-style-type: none"> DWF Status: Compliant
Rangiputa		●	Compliant	<ul style="list-style-type: none"> DWF Status: Compliant
Russell		●	Condition 9 - infiltration efficiency report Condition 8 - land instability report	<ul style="list-style-type: none"> Infiltration efficiency and land stability reports commissioned and will be sent to NRC upon completion.
Taipa		●	Condition 2	<ul style="list-style-type: none"> Resource Consent issued on 8 March DWF Status: Compliant
Whatuwhiwhi		●	Condition 8 – Total Suspended Solids	<ul style="list-style-type: none"> 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

May has seen continuation of the key projects previously noted:

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

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

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

Key: ● Complete ● In progress ● Parked



Stormwater



District Facilities



Wastewater



Water



Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
Living Asset Management Plan (LAMP)	All	●	●			FY21/21 – FY22/23	Due to the delays with the implementation of INFOR a draft of the LAMP has been set back and is not likely to be realised until June 2023. (Please refer to Programme Darwin section for further details).
Combined Asset Management Plan (3 Waters and District Facilities)	All	●	●	●	●	FY20/21 – FY21/22	In the absence of a LAMP, and as part of the Long-Term Plan (LTP) process, a combined draft Asset Management Plan for 3 Waters and District Facilities was prepared and provided to Audit (this is required for audit purposes only) . Upon finalisation of the LTP and audit sign-off, the AMP will be made available to EMs and posted on Council's website. This will likely occur in September 2021 (post audit sign-off in August 2021).
Asset Management Strategy	All	●				FY22/23	To be developed based on review being done for the 30 Year Infrastructure Strategy by Infrastructure Planning for the next LTP (FY21/31). The aim is to have a strategy in place by end of June 2023.
Annual Plan (AP)	All	●				FY21/22	Contribute to Annual Plan project, coordinated by Strategic Planning & Policy. Not required again until FY21/22 due to current LTP work in FY20/21.
Long-Term Plan (LTP)	All	●	●	●	●	FY19/20 to FY20/21	Asset Management commenced planning for the FY21/31 LTP in February 2020. The current LTP is being looked at in-depth and future asset planning being considered for the next round. The 2 nd round for Auditing the LTP consultation document and processes is w/c 12 April and 17 May 2021 respectively. Full audit sign-off to occur end of June will adoption of LTP to be July 2021.
ISO55000	All	●				FY21/22	To be investigated. This will align with the current International Infrastructure Management Manual (IIMM) and will need to incorporate the National Metadata standards being developed.
Stormwater Strategy		●	●	●		FY20/21 – FY21/22	Underway. A draft strategy is complete, and a way forward is being planned for with an initial 'internal' workshop set for 29 July 2021. Following this, the direction will be set for what is involved going forward which is likely 'External' workshops with key stakeholders namely EMs / Iwi / Hapu etc.
Stormwater Catchment Management Plans		●	●	●		Underway	Underway – FY19/20 to FY21/22 (3-year process)
Vesting Assets to Council Policy	All	●				FY22/23	Consulted with Audit, Risk and Finance and a process is to be drafted / process mapped. Other parts of Council i.e. SPP, Legal and Finance will be consulted in due course.
Asset Identification / Condition Assessments							
Prioritised Scheduled Asset Condition Assessments	All	●	●	●		FY21/31	A 10-year programme has been developed which amounts to a total spend of \$9mil over 10 years. A procurement package for the \$1.5 mil spend for this FY (FY20/21) is underway and will be out to market by April 2021. A Project lead for the Asset Condition Programme for the next 3 years (Years 1-3 of the LTP) is being recruited for on a fixed-term contract for 18 months. We hope to have this lead in place by July 2021.
Inventory Assessment - DF Assets		●	●	●	●	Ongoing	n/a
Major Project Pipeline – Initiations - Includes planning, feasibility studies, options assessments, business casing etc. before handover to Project Delivery							
Hihi WWTP		●	●	●		FY22/23	Plant upgrade is required. Resource consent being applied for through Infrastructure planning team. The report, with supporting Business Case, was presented to Infrastructure Committee 24 March 2021 for endorsement to Council. Resolution was passed for said. The report, with supporting Business Case and passed resolution, was rescinded at Council meeting on 8 April 2021. New Resolution passed and is being worked through accordingly.
East Coast (Taipa) WWTP		●	●	●		FY20/21 – FY22/23	The recently issued resource consent required working group (WG) consisting of senior council staff, Ngati Kahu hapu and community representatives to be established. The group met for the first time in March and will meet monthly over the next year. The first milestone to be achieved by the WG is to assess the options for disposing of treated wastewater (including land disposal options) and to provide a report to NRC with the best practicable option (BPO) by 1 September 2022. If the BPO is land disposal then NRC must be notified by 1 July 2023 whether or not Council, it is committing to the land disposal option.
Other							
Asset Management System	All	●	●	●		FY20/21- FY22/23	Full operational use of INFOR ('Go Live') is now expected for January 2022 (please refer to Programme Darwin for full details).

Key: ● Complete ● In progress ● Parked



Stormwater



District Facilities






Wastewater



Water



Roading

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Stormwater modelling requirements		●	●	●		FY20/21 – FY21/22	As per the SW Catchment Management Plan (CMP) strategy, the models for SW will take in excess of 2 years for full implementation updates.
Water modelling requirements		●	●			FY21/22 – FY23/24	Funding to update the 3 Waters models and to recruit a project lead for this work, was secured through the 3 Waters DIA funding reform. A 3 Waters Modelling Lead is currently being recruited for on a fixed-term basis for 18 months. Consultants will be engaged to review all FNDCs current models and assess priority and way forward for updating of all FNDC models. This work will assist in establishing a development contributions (DC) policy for FNDC as well.
Wastewater modelling requirements		●	●			FY21/22 – FY23/24	As above
Data Cleanse / Tidy Up	All	●	●	●	●	Underway	A continual process but aim to have it completed prior to Phase 1A implementation of the new AMS (December 2021).

DISTRICT FACILITIES

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

SUMMARY

- Another busy month for the District Facilities staff.
- The Technical Officer position is yet to be filled although the position has been advertised three times.
- Work progresses to ensure the MBIE Flood funding received is spent and work programme is completed by 31 May 2021.
- Increasing number of illegal dumping, encroachments and lease requests are being received.
- Moreton Bay and the Redwood tree reports have been presented to the BOI-Whangaroa Community Board.

Positive Feedback – May

RFS feedback has been positive with a number of customers thanking staff e.g.:

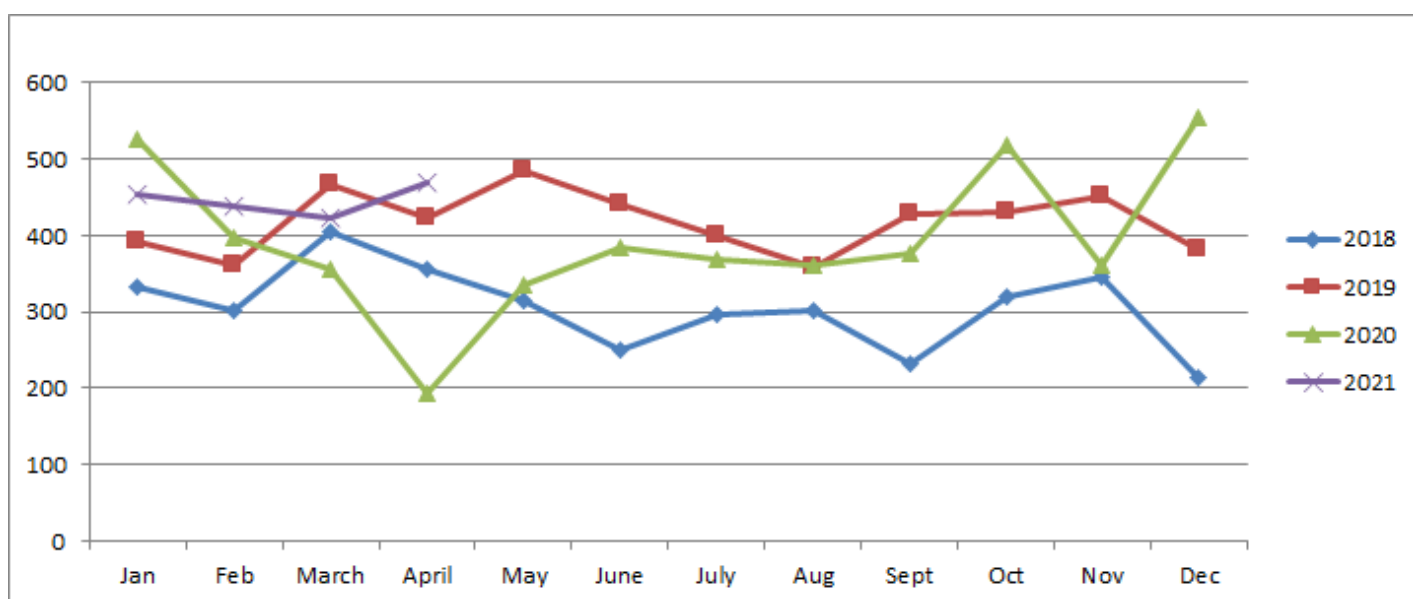
- *'Simon Millichamp was helpful and efficient with good communication skills.'*
- *'Everyone was so helpful'*
- *'That a plumber was sent to the site very promptly to investigate my concerns.'*

CUSTOMER EXPERIENCE PROGRAMME

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

Unfortunately due to an issue with the reporting tool, the May figures showing how many RFS's District Facilities received cannot be extracted at this stage.

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



District Facilities – Monthly RFS numbers

HEALTH AND SAFETY UPDATES

Recreational Services

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

Vehicle/Machinery near miss:

- While mowing a high-profile site with the walker mower, a bolt hidden in the grass was hit by the blade, breaking the blade.

- The operator was driving up Causeway Road after mowing the reserve and saw a car coming down the hill. The car stayed in the middle of the unmarked road and had to take evasive action by driving the mower into the ditch until the car had passed.
- While mowing the park, an operator hit a hammer with the mower that was hidden in the long grass.

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							
Vehicle / machinery near miss	0	0	0	0	0							
Non-serious harm	0	0	0	0	0							
Serious harm	0	0	0	0	0							
Vehicle / Machinery accident	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 '20	July '20	Aug '20	Sept '20	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	1	0	0	1	0	0	0	0
Non-serious harm	0	1	0	1	0	0	4	0	0	0	0	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident	0	0	0	0	0	0	0	0	0	0	0	0

Near Miss

- A rechargeable headlamp used in regular operation at Kaikohe RTS was charging in the office when it burst into flames. The operator was in the immediate vicinity and was able to throw the headlamp outside and extinguish the flames.

Northland Waste (Northern RTS and CRC's)

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

Non-serious harm:

- Member of the public cut arm on edge of a sign at Waipapa. The original sign was replaced due to it being dangerous (sharp).

LTI

- Staff member hurt wrist while trying to make space in a refuse hook load bin.

Ventia / Broadspectrum (Russell RTS and landfill)

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

CBEC Eco Solutions (Waste Education Contract)

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

HAPORI AQUATICS (Swimming Pools)

Kerikeri Pool : No incidents to report this month

ACCIDENT TYPE	Jan '21	Feb '21	Mar '21	Apr '21	May '21	June '21	July '21	Aug '21	Sep '21	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0					0	0	0
Non-serious harm	1	3	2	0	0					0	3	6
Serious harm	0	0	0	0	0					0	0	0
LTI	0	0	0	0	0					0	0	0
Vehicle / Machinery accident	0	0	0	0	0					0	0	0
Incident only	2	0	2	0	0					0	0	0

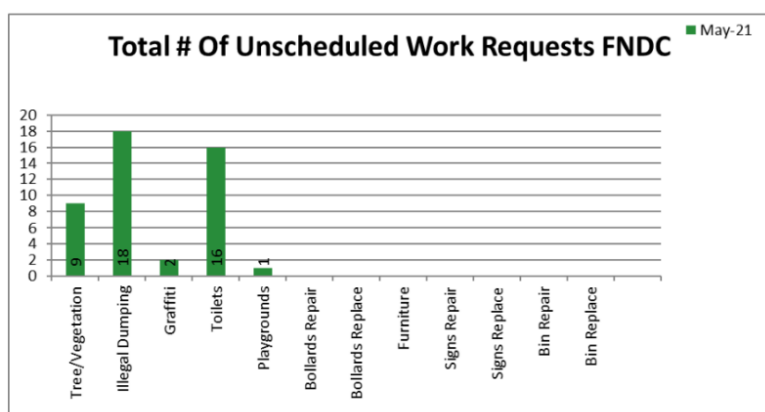
Kaitia Pool : Security light rusted through and fell from height to ground. Fortunately, the pool was closed at the time resulting in a near miss.

ACCIDENT TYPE	Jan '21	Feb '21	Mar '21	Apr '21	May '21	June '21	July '21	Aug '21	Sep '21	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	1					0	0	3
Non-serious harm	0	0	1	0	0					0	0	0
Serious harm	0	0	0	0	0					0	0	0
LTI	0	0	0	0	0					0	0	0
Vehicle / Machinery accident	0	0	0	0	0					0	0	0
Incident only	3	1	5	0	0					0	0	0

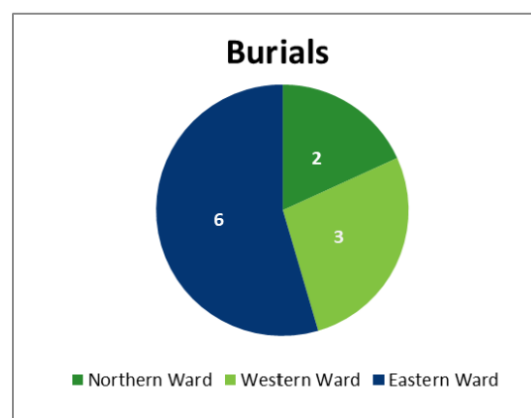
Kaikohe Pool : No incidents to report this month

ACCIDENT TYPE	Jan '21	Feb '21	Mar '21	Apr '21	May '21	June '21	July '21	Aug '21	Sep '21	Oct '20	Nov '20	Dec '20
Near Miss	0	0	0	0	0					0	0	1
Non-serious harm	0	0	1	0	0					0	1	0
Serious harm	0	0	0	0	0					0	0	0
LTI	0	0	0	0	0					0	0	0
Vehicle / Machinery accident	0	0	0	0	0					0	0	0
Incident only	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			
Edging	100		100	99.4	98.1			
Gardens	100		98.6	99.1	97.2			
Playgrounds	100		100	99.4	92.9			
Town maintenance	91.7		98.8	97.2	95.7			
Toilet maintenance	98.7		96.4	96.8	96.2			
Cemeteries					100			
Furniture	100		100	99.4	100			
TOTAL INTERNAL	97.9		98.6	98.3	97.6			

Council Audit of RSL

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

May 21 - AUDIT DETAILS	Met	Not met	Non-performance notice	Not met / comments
Reserve mowing	6	0	0	
Edge control	4	0	0	
Playground	2	0	0	
Cemetery	0	0	0	
Toilets	5	0	0	
Litter and Town Maintenance	1	0	0	
CONTRACT AUDIT				
Unscheduled	3	0	0	
Contract	18	0	0	
TOTAL	21	0	0	

PARKS AND RESERVES

Doubtless Bay

Water Safety signage have been installed at the following Council reserves - Cable Bay Reserve, Little Cable Bay Reserve, Coopers Beach Reserve and Taipa Reserve.



PLAYGROUNDS

Playgrounds throughout the Northern Ward received soft fall top ups.

TREE MANAGEMENT

Wildling Pine Removal Program

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

- Ramp Rd, Karikari - scheduled to start Monday 14 June in the reserve behind the public toilets.
- Russell and Bay of Islands –This area may no longer be covered by the funding program, awaiting confirmation from NRC.

Palms

Work on palms in the Kerikeri CBD area are scheduled to start early June.

CEMETERIES

RSA/Veteran Affairs Assessments

An inspection and assessment of all RSA cemeteries within the district is scheduled for early June by agents of Veteran Affairs. These are to assess the standard of service by FNDC, local community boards and or RSA representatives responsible for the upkeep of the cemeteries.

Kaitaia Cemetery

A large tree beside the cemetery (on Ministry of Education land) fell during strong winds in a recent storm. The tree fell on the house inside the property and thankfully no injuries or harm came upon the occupants. This tree could have easily fallen the other way and into the cemetery and indicates the potential harm and damage which can be caused by large trees.

PUBLIC TOILETS

Klinac Lane, Waipapa

Project work is almost complete and the toilets are now operating on the new independent system.

Stone Store Public Toilets, Koropiro Pa Walkway - Kerikeri

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

General

All public toilets continue to display COVID QR codes.

2020/21 MBIE RESPONSIBLE CAMPING FUND

Programme completed – waiting on the final report to be completed.

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.











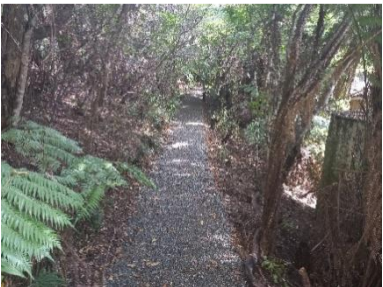

MAY





Start Date	RFS #	Location	Background	Status			Comment / Outcome
				Investigation	Enforcement	Recommendation	
2019 20-Apr	3986173 3996575	Te Hue Bay, Russell Deeming Road	Neighbour complaint about other neighbour's placement of structures including accommodation, sheds, boat etc. on Council reserve	Completed	Completed	Completed	Offending structures removed - May 2021
2021 20-Jul		Wharau Road Reserve Te Wahapu, Russell	Resident has built structures on Council reserve. Issues associated with this encroachment also involve disputes with neighbours and Heritage NZ.	Work in progress			
20-Nov		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.	Yet to be started			
20-Sep		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	Structures to be removed by December 2021	
21-May		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			
21-May		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			
21-May		Hansen Road, Kerikeri	Details to be confirmed with Monitoring and Compliance team	Yet to be started			
2020		Williams Reserve, Paihia	Resident has built structures on Council reserve.	Encroachments confirmed	In communication with property owner concerning the removal of the structures		
2021		Fairy Pools Accessway	A number of people are living in the bush area and have been since COVID. Working with the Police as the people may also be on private property.	Boundary survey underway	Looking at the possibility of trespassing the people on site that remain.		
2021		Waterfront Drive, Houhora	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 / possible destruction to archaeological features etc.	Boundary survey underway and discussions with Heritage NZ, NZ Walking Commission and NRC.			

2020/21 MBIE FLOOD FUND

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

Ward	Location	Comments	End of April:
North	Kaka Street, Ahipara - ramp	Initial works completed. Additional works will be addressed as part of BAU as ongoing deterioration is expected each time there is a considerable weather event.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Before</p>  </div> <div style="text-align: center;"> <p>After</p>  </div> </div>
North	Puckey Ave, Kaitaia Pensioner Village	The previous chip sealed driveway has been resealed. Works completed including lifting areas where low lying flooding issues previously presented.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Before</p>  </div> <div style="text-align: center;"> <p>After</p>  </div> </div>
North	Ahipara - Foreshore Road near toilets	Due to flooding from storms several rock walls and culverts along Morianukau Reserve, Foreshore Road, Ahipara had deteriorated. Repair works to the existing rock wall were required to ensure that Council public toilets were made safe.	
North	Kaitaia Cemetery	Repairs to the internal road has been completed.	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Before</p>  </div> <div style="text-align: center;"> <p>After</p>  </div> </div>

Ward	Location	Comments	End of April:	
				
North	Hihi Beach	Removal of trees on the Hihi coastline that fell during the 2020 storm, has been completed with a second round of spraying, planting and mulching to be done.		
East	Kaeo car park	Drainage work and sealing of the Kaeo Playground carpark completed 21 May 2021.		
East	Te Wahapu	Works to stabilise and improve the walkways after the 2020 weather events have been completed.		
East	Seaview lookout, Paihia	Track surface and drainage improvements completed. Signage required before project is completed.		
East	Kawakawa bowling club access	The driveway was affected by surface water flooding and in places washed out. Base preparation underway and chip-seal scheduled for 24 May.		
East	Opua-Paihia walkways	Shell dusting complete and rock stabilisation works underway.		
East	Jacks Bay walking track	Coastal erosion issues addressed		

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

SOLID WASTE

Waitangi Community Recycling Centre

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

Range of plastics accepted at FNDC sites

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

Progress is being made in regard to 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.

Ahipara Landfill closure

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

Waste Levy increases

The Ministry for the Environment confirmed on 15th April 2021 that the waste levy would be increased from the current \$10/ton as follows:

	1 July 2021	1 July 2022	1 July 2023	1 July 2024
Mixed municipal wastes from residential, commercial and industrial sources	\$20	\$30	\$50	\$60

This will be financially beneficial to Council as we currently receive more back from the waste levy than we pay into the fund. This will continue until the Waste Minimisation Act is reviewed late 2022/early 2023 when the allocations from this fund will be reconsidered.

ECOSOLUTIONS WASTE MINIMISATION EDUCATION –MAY NEWSLETTER

Schools 39 lessons taught and 38 hours school support.

Kerikeri Primary School has been busy learning about the 6rs and the school's recycling systems by having whole school visits to the classroom and learning about the 6Rs: reduce, refuse, repair, rethink, rot and recycle.

Te Puna Aroha at Kaitaia College has been learning rubbish and recycling, worm farming and they made beeswax wraps.

Kaikohe West School had a visit and learnt about the 6Rs, made beeswax wraps and had a session on Plastics in the ocean. Kaingaroa school was introduced to worm farming and Oruaiti had lessons on plastics in the ocean.

Newbees ECE had wrap around education learning about composting, plastics in the ocean, made beeswax wraps and the centre now has wet-bags upcycled from old tents where tamariki were learning how to use a sewing machine and learn about reduce, reuse and recycle.



Kowhai Corner Childcare and Education Centre

18h • ✨

Kia Ora whanau...we had an exciting afternoon with Roze from Eco solutions...to work with our tamariki "beeswax wraps."

we also invited our [Kaikohe Library](#) Librarian Emma to come join us.

We absolutely had an amazing time w8th everyone's own unique designs



EcoSolutions is continuing to work hard to ensure that feeding tamariki in the lunches for schools programme isn't creating an environmental nightmare with regards to waste. They have been offering advice, support and education to schools and providers about the sustainability of single use options used for lunches and how to deal with compostable packaging. We have also been working with providers on reusable options. Among the schools that were worked with are Kaitaia College, Intermediate and Primary, Pukepoto, and Taipa Area School. Peria School has utilised a bento box reuse system that we are sharing and advocating for.



Online

175K people are reached through various online posts about a waste minimisation activity happening in the area such as Earthcare in Peria, outlined below.

Communities

Kaeo had a composting workshop with eight keen participants learning about home composting, bokashi and worm farming in the Whangaroa Teaching gardens.

EcoSolutions also organised a clean-up in Kaeo and with the help of Plastic free Kaeo and other more than 14 bags of waste were found in the township alone!

The Seventh Day Adventist beeswax wrap workshop was a hit and some beautiful creations were generated.

Businesses

Hair on Earth in Kaeo has had their annual waste assessment done and is per usual a gold ecostar business, showcasing that sustainability in a hair salon is achievable with a stunning .5 kilograms of waste generated over 2 months. Alzheimers' Northland also had their waste assessment done and found they have some room for improvement before they are ready for a new audit. New signage and systems have been installed.

Exterior to the Contract

With assistance from the Akina Fund, EcoCentre, Arama community Gardens and the MFE Community Compost Connection project, we have started up a new social enterprise which is collecting food and packaging waste from schools that are getting lunches in schools, from Kaeo to Pukenui.

In just over two months Far EarthCare has diverted 6 tonnes of compostable waste from landfill. We are now looking at replicating the project in Kaikohe where our Waste Wise Schools, and the Waste Management Manager alerted us that 4 skip bins of compostable waste are heading to landfill each week. We are finding this a challenge to deal with but are doing our best to install systems to divert this waste in schools. We are supporting the lunch in schools providers to find better solutions through the MFE EcoStar Network.

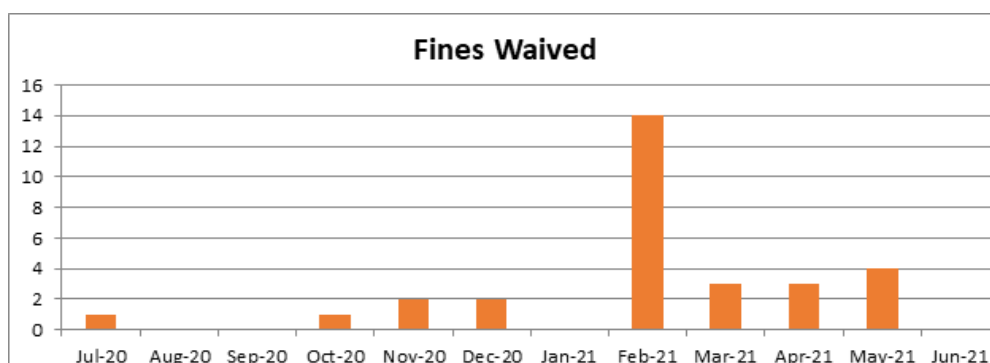
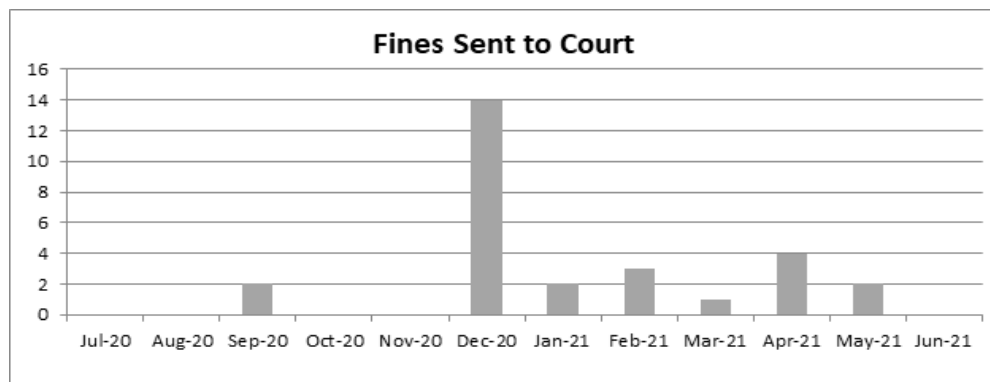
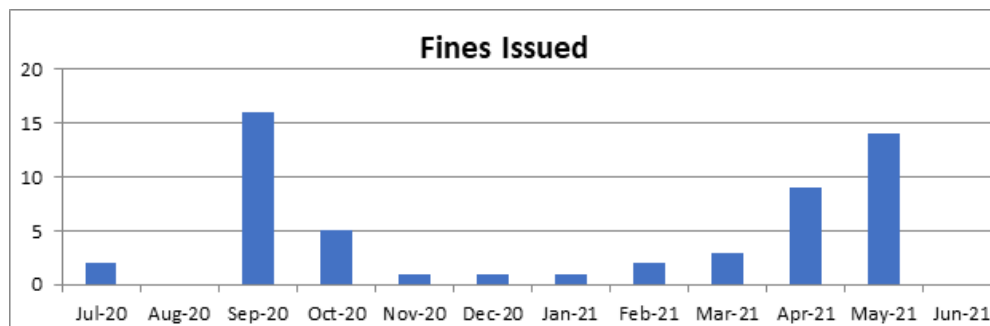
We are preparing a report to the Ministry of Education outlining concerns and highlighting the need to support schools more fully in this. We have been involved in Nationwide consultation on solutions for this problem and are offering assistance to the Ministry of Education.

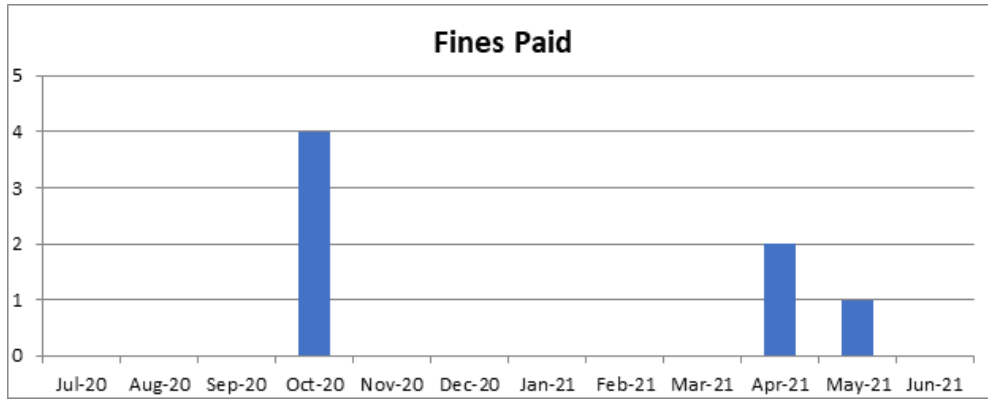
LITTER INFRINGEMENT ACTION

May actions:

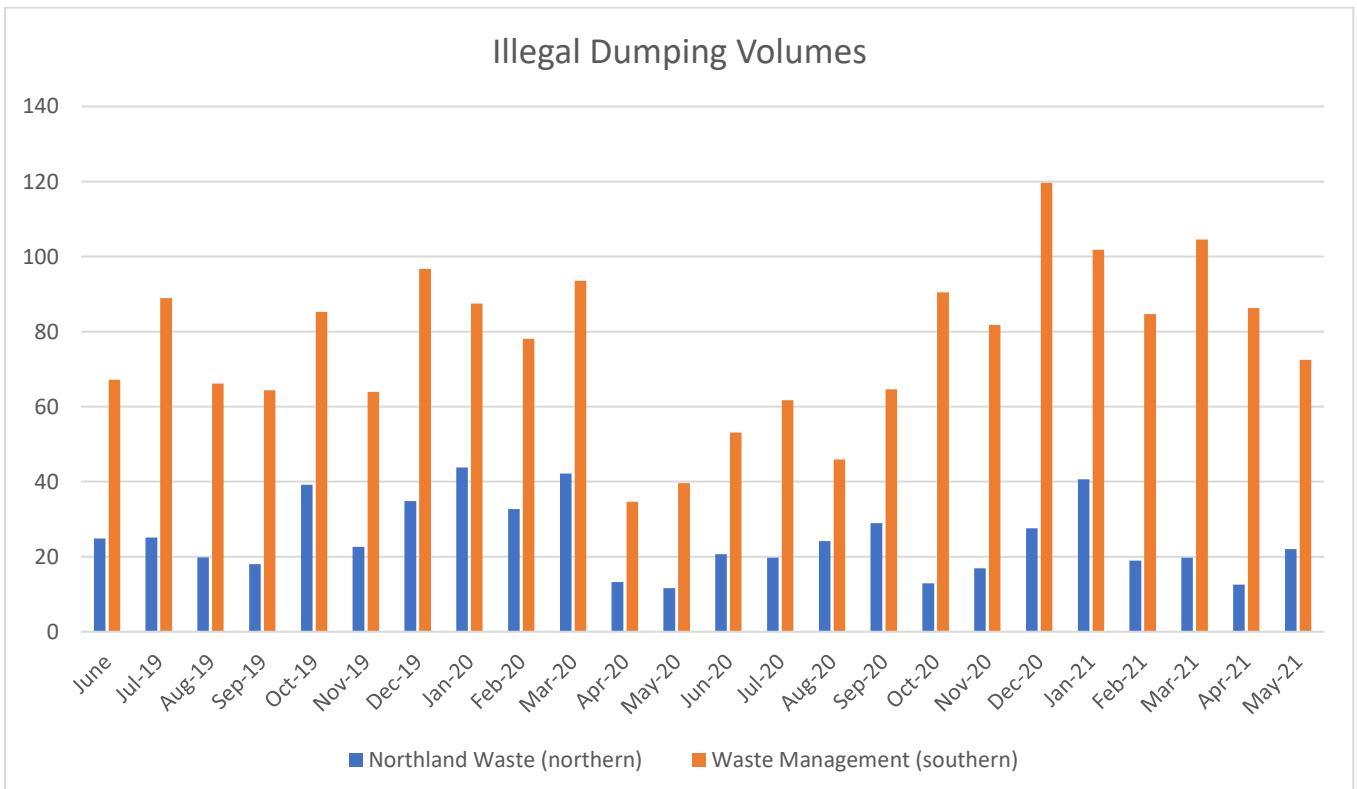
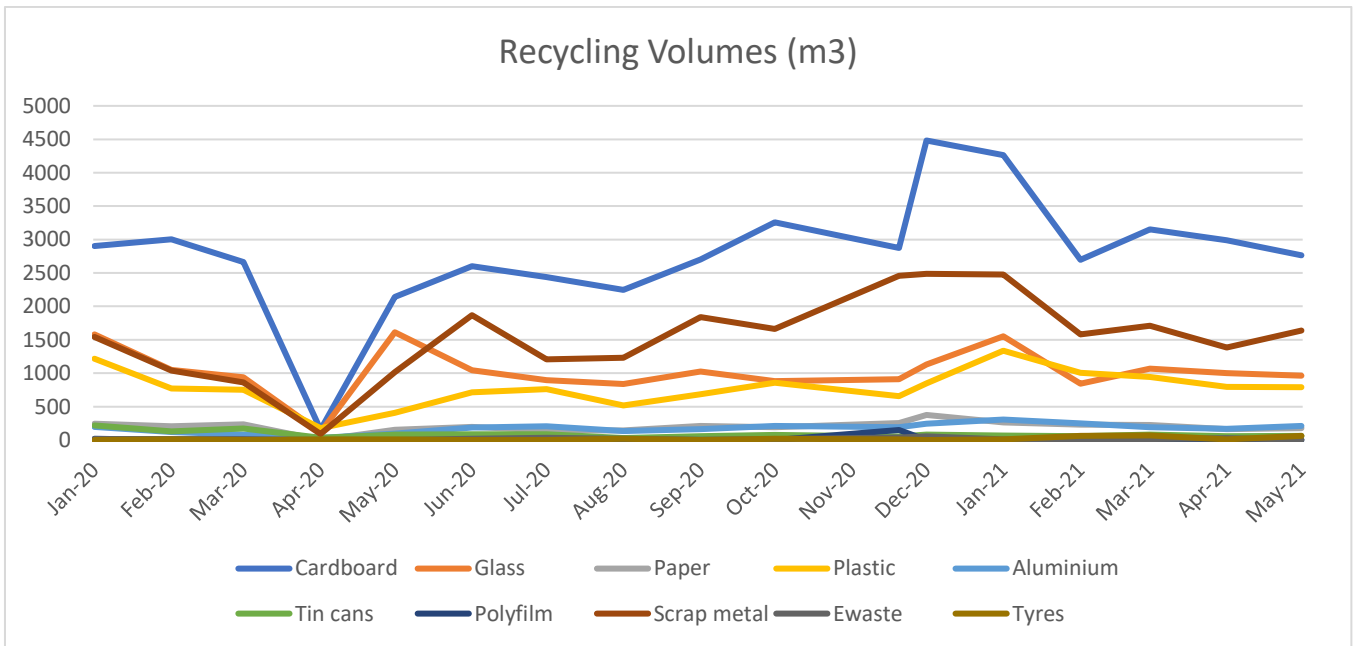
Offence Date	Offence Type	Status	Balance	Location Details
30/04/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Onekura Road, Kerikeri Location: PUNGAERE ROAD INTERSECTION
9/02/2021	Deposited litter in/on a public place \$250 20-120L	Completed (Exemptions)	\$0	On Street: Kohumaru Road, Mangonui Location: STATE HIGHWAY 10 INTERSECTION, MANGONUI
9/02/2021	Deposited litter in/on a public place \$250 20-120L	Completed (Exemptions)	\$0	On Street: Otangaroa Road, Kaeo Location: STATE HIGHWAY 10 INTERSECTION, TOTARA NORTH
10/02/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Larmer Road, Kaitaia Location: STATE HIGHWAY 1 INTERSECTION, KAITAIA
10/02/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Larmer Road, Kaitaia Location: STATE HIGHWAY 1, KAITAIA
17/02/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Runaruna Road, Broadwood Location: PAWARENGA ROAD INTERSECTION
5/02/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD, KAIMAUMAU INTERSECTION

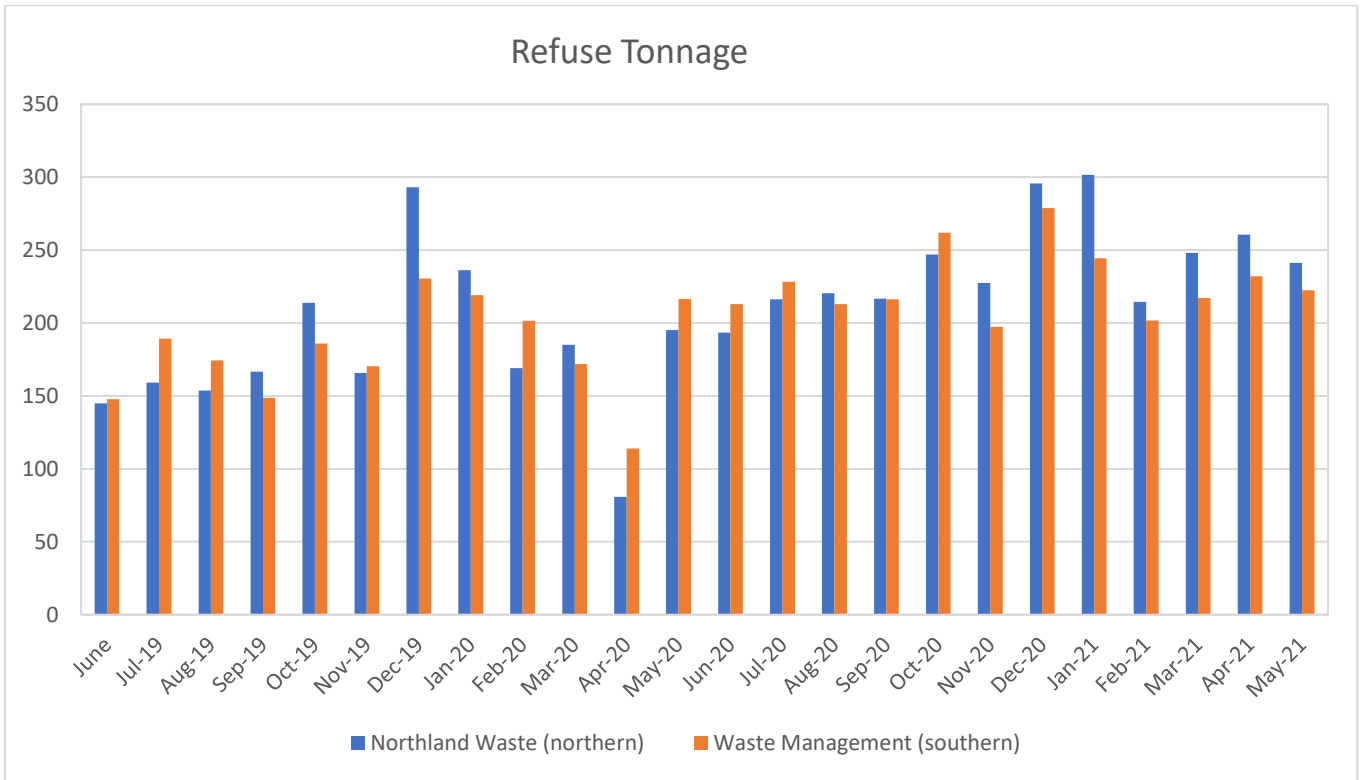
Offence Date	Offence Type	Status	Balance	Location Details
5/02/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Kaimaumau Road, Waiharara Location: FAR NORTH ROAD INTERSECTION, KAIMAUMAU
9/02/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Kohumaru Road, Mangonui Location: STATE HIGHWAY 10, MANGONUI INTERSECTION
10/05/2021	Deposited litter in/on a public place \$250 20-120L	Completed (Exemptions)	\$0	On Street: Onekura Road, Kerikeri Location: PUNGAERE ROAD, KERIKERI INTERSECTION
10/02/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Kaitaia-Awaroa Road, Herekino Location: HEREKINO REFUSE TRANSFER STATION
10/05/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Onekura Road, Kerikeri Location: PUNGAERE ROAD INTERSECTION
10/05/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Onekura Road, Kerikeri Location: PUNGAERE ROAD INTERSECTION
10/05/2021	Deposited litter in/on a public place \$250 20-120L	Issued	\$250	On Street: Onekura Road, Kerikeri Location: PUNGAERE ROAD INTERSECTION





SOLID WASTE STATS





SWIMMING POOLS



Kaikohe Pool

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

Kerikeri Pool

Outstanding maintenance issues:

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

Kaikohe Pool

The MOU between Council and Northland College has now expired. A draft Service Agreement to replace this has been prepared and sent to Northland College for their review. Given that the pool is now empty, it is hoped that this can be discussed and agreed upon in time for winter maintenance to commence.

Outstanding maintenance issues:

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

Kaitaia Pool

The security lights at the Kaitaia pool have been in a poor state of repair for some time. Hapori Aquatics have carried out some remedial works which included disconnecting power to those that had become electrically unsafe and replacing one lighting units.

One of the light units finally rusted through completely and fell to the ground. Luckily this happened whilst the pool was closed so no one was hurt.

Outstanding maintenance issues:

There is now only one lighting unit working. Currently there is no renewals budget for this pool. This needs to be addressed.



Maintenance works carried out this month:

It has been decided to keep the pool running during the winter period to reduce the build-up of algae. The paint surface in the pool has degraded and hopefully preventing the build-up will prolong the life of the pool until the new Kaitaia pool becomes operational.

ATTENDANCE NUMBERS

KAITAIA SWIMMING POOL: Pools now closed for the winter

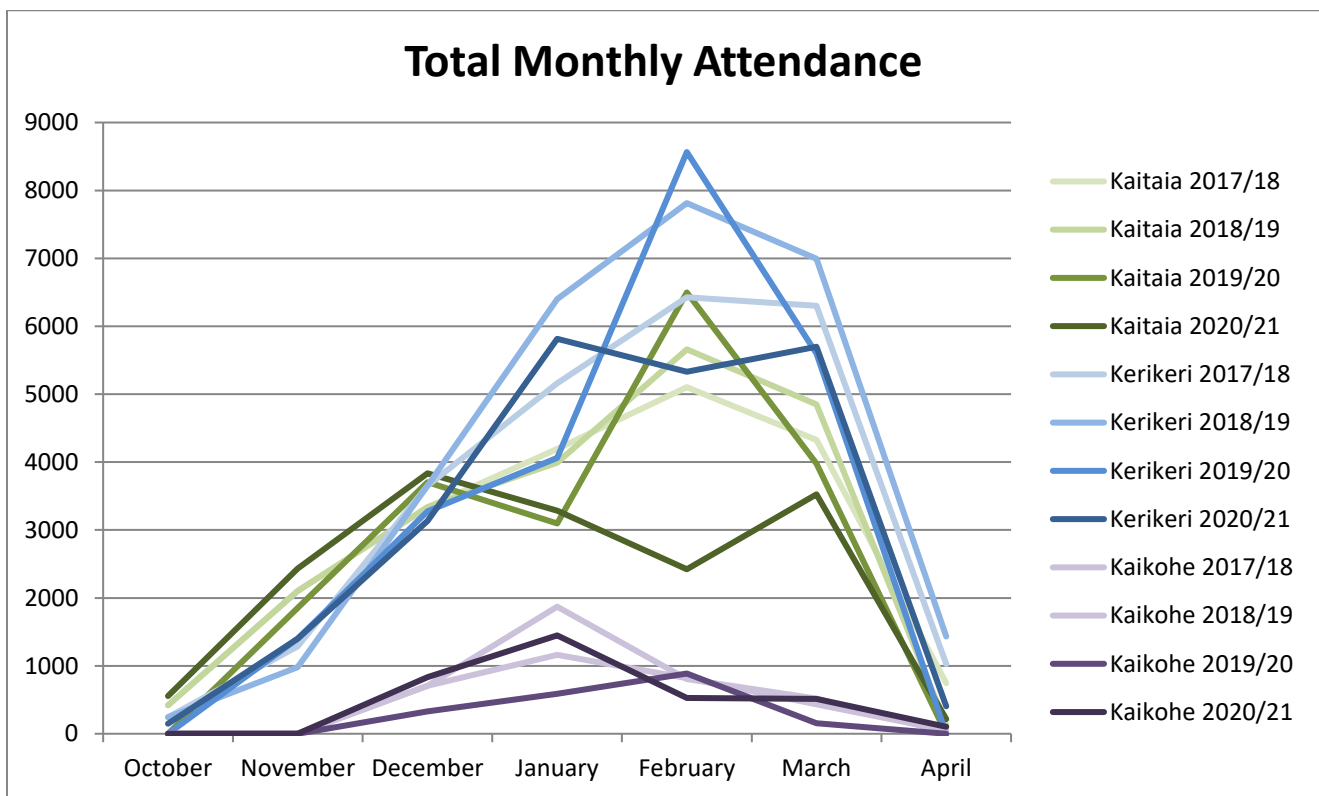
	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries	182	577	787	1404	456	165	51
Concessions	144	541	845	984	371	339	57
Under 5s	48	169	340	383	153	60	6
Supers (Gold Card)	1	58	51	83	27	48	8
Spectators	80	196	421	502	229	158	19
Lane Hire	8	26	0	10	3	51	0
Events		482	362	0	0	1287	0
Schools	93	381	1029	0	1204	1418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

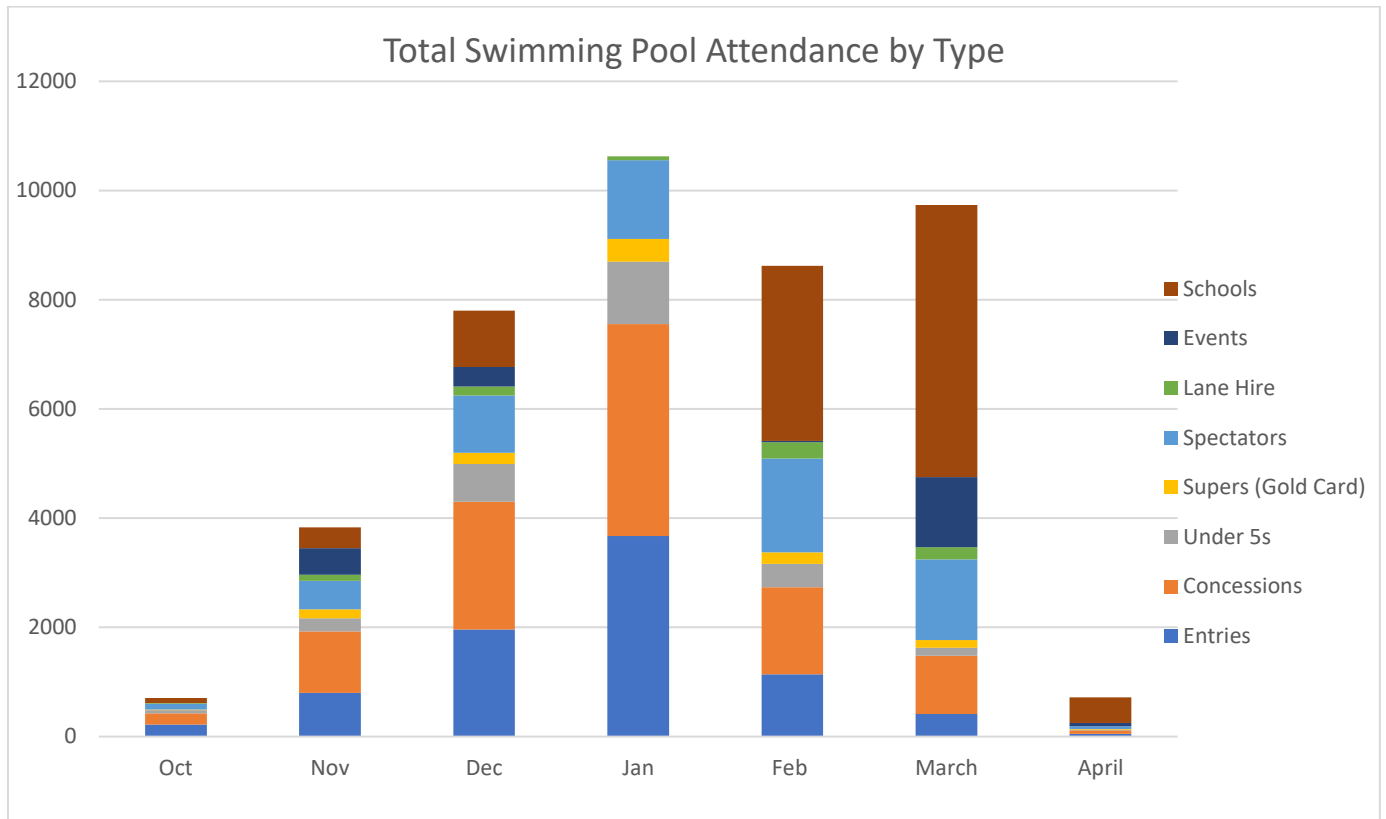
KERIKERI SWIMMING POOL: Pools now closed for the winter

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

KAIKOHE SWIMMING POOL: Pools now closed for the winter

	Oct	Nov	Dec	Jan '21	Feb	March	April
Entries			310	572	104	59	0
Concessions			290	537	270	326	4
Under 5s			116	159	53	30	4
Supers (Gold Card)			18	25	15	4	0
Spectators			99	155	68	93	35
Lane Hire			0	0	1	0	0
Events			0	0	22	0	58
Schools			0	0	0	0	0
Total			833	1448	527	512	101





POOL REVENUE *(exclusive of GST)*

KAITAIA SWIMMING POOL – Income

Month	Oct	Nov	Dec	Jan '21	Feb	March	April
Gate	\$347.82	\$3,272.00	\$4,451.00	\$6,142.59	\$1,885.22	\$760.87	\$193.00
Pool Hire	\$330.00	\$3,725.00	\$4,545.00	\$0.00	\$4,301.09	\$6,459.78	\$221.74
Shop	\$18.20	\$205.60	\$319.00	\$386.52	\$132.17	\$62.61	\$3.00
TOTAL	\$696.02	\$7,202.60	\$9,315.00	\$6,529.11	\$6,318.48	\$7,283.26	\$417.74

KERIKERI SWIMMING POOL – income

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

KAIKOHE SWIMMING POOL - income

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

TOTAL SWIMMING POOL INCOME

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

COMMUNITY / COUNCIL FACILITIES

OCS Audits

LOCATION	Nov '20	Dec '20	Jan '21	Feb '21	March '21	April '21	May '21	June '21	July '21	Comment
Kaikohe Headquarters - Lockwood	96.7	96.9	97.4	97.4	96.1	97.0	95.6			
Kaikohe Headquarters – Annex and upstairs	96.7	96.9	97.3	96.8	95.1	96.1	96.6			
Kaikohe Headquarters – Publications	96.7	96.9	92.1	97.5	97.1	97.0	96.5			
John Butler Centre – Level 2	97.6	97.6	97.5	98.1	97.2	96.7	96.3			
John Butler Centre – Level 1	98.2	97.6	98.2	98.2	97.2	97.9	97.2			
John Butler Centre – Ground floor	97.3	97.5	98.1	98.0	97.47	96.0	96.3			
Rawene Service Centre	3/M	NA	NA	97.6	NA	97.0	NA			
Kaero Service Centre and Library	3/M	NA	98.2	97.4	NA	NA	NA			
Procter Library	96.6	97.4	97.3	96.1	96.0	96.8	95.7			
Paihia Library	96.3	96.5	96.4	97.0	NA	96.3	95.6			
Kaikohe Library	3/M	91.9	94.3	91.9	97.1	96.0	96.8			
Bay of Islands Information Centre	96.9	97.4	95.9	NA	NA	96.1	NA			
Hokianga Information Centre	3/M	98.0	NA	97.8	NA	96.8	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-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	
# units vacated (received for refurbishing)			3	0	3	1	0	1	2	2	0	0	
	Northern:		Oxford St, Puckey Ave		Oxford St	Awanui		Puckey		Kohukohu			
	Western:		Kaikohe		Rawene				Kaikohe, Rawene	Omapere			
	Eastern:				Kawakawa								
# unit refurbishments progressing	7	8	8	12	7	7	7	6	7	6	8	8	
	Northern:	Awanui (2), Oxford St	Awanui (2), Oxford St	Awanui (2), Oxford St	Awanui (2) Oxford St Puckey Ave	Awanui (2) Puckey Ave	Awanui, Oxford St	Awanui (2), Oxford St	Awanui (2), Oxford St	Awanui (2), Oxford St, Puckey	Awanui (2), Oxford St, Puckey	Awanui (2), Oxford St, Kohukohu	Awanui (2), Oxford St, Kohukohu
	Western:	Rawene, Kaikohe (2), Omapere	Waima, Rawene, Kaikohe (2), Omapere	Waima, Rawene, Kaikohe (2), Omapere	Waima Rawene (2) Kaikohe (3) Omapere	Waima Rawene Kaikohe Omapere	Kaikohe Rawene, Waima	Kaikohe (2), Rawene	Kaikohe (2)	Kaikohe (3)	Rawene, Kaikohe	Rawene, Kaikohe, Omapere	Rawene, Kaikohe (2), Omapere
	Eastern:				Kawakawa		Kawakawa	Kawakawa	Kawakawa				
# units completed (returned for tenanting)	0	1	1	1	2	0	1	1	1	3	0	0	
	Northern:			Ahipara	Oxford St					Puckey			
	Western:		Kohukohu			Kaikohe (2)		Waima	Rawene	Kaikohe (2)			
	Eastern:								Kawakawa				

COUNCIL / COMMUNITY BUILDINGS

Raihara Storage, Kaikohe - The lease over this facility has been extended to 30 June 2021 to provide time to remove all items currently stored inside including several IT and CDEM items/drought equipment.

Rawene Campus - Services relating to BWOFF compliance, key access, security systems have been transferred to Te Puna o Kupe Nuku. Services relating to power, phone & internet are progressing to be transferred to TPOK.

BUILDING WARRANT FITNESS COMPLIANCE (BWOFF)

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

BWOFF - May 2021

Site Name	Ward/Area	Address	Expiry date	Testing frequen	STATUS
Oruru Community Hall	Northern	672 Oruru Road, Peria	NA	NA	CLOSED
Procter Library	Eastern	8 Cobham Road, Kerikeri	11-Dec	Monthly/Annual	Compliant
Kerikeri Sports Complex	Eastern	27 Waipapa Rd, Kerikeri	5-Dec	Monthly/Annual	Compliant
Rawene Service Centre	Western	11 Parnell Street, Rawene	31-Oct	Monthly/Annual	Compliant
Kaitaia Resource Recovery Centre	Northern	Tahuna Rd, Kaitaia	27-Oct	Monthly/Annual	Compliant
FNDC Kaikohe HQ	Western	3 Memorial Avenue, Kaikohe	31-Jul	Monthly/annual	Compliant
Lindvart Park Pavilion	Western	Penney Crescent, Kaikohe	16-Jul	Monthly/ Annual	Compliant
Awanui Sports Complex	Northern	94 State Highway 1, Awanui	30-Jun	Monthly/Annual	Compliant
Totara North Hall	Northern	4 School Road, Totara North	1-May	Monthly/Annual	Non-compliant Expired 1 May. Delayed due to site access issues. IQP inspections now booked.
Kaero Community Hall	Eastern	12 / 4171 Leigh Street, Kaero	30-Apr	Monthly /Annual	Non-compliant Expired 30 April - defect notice received for emergency lighting fault. Remedial works underway.
Opononi RSA Hall	Western	15 Hokianga Harbour Drive, Opononi	30-Apr	Monthly /Annual	Compliant
Mangonui Hall	Northern	130-132 Waterfront Drive, Mangonui	30-Apr	Monthly /Annual	Compliant
Pioneer House	Northern	6 South Road, Kaitaia	TBC	TBC	May 2021 Fire report being requested as new BWOFF required.
Rawene Community Hall	Western	9 Parnell Street, Rawene	30-Apr	Monthly /Annual	Non-compliant Expired 30 April. Delayed due to site access issues. IQP inspections now booked.
Herekino Hall	Northern	2751 Kaitaia-Awaroa Road, Herekino	30-Apr	Monthly /Annual	Compliant
Russell Community Hall	Eastern	17 The Strand, Russell	30-Apr	Annual	Compliant
Kaikohe War Memorial Hall	Western	13 Memorial Avenue, Kaikohe	30-Apr	Monthly /Annual	Non-compliant Expired 30 April - overdue BWOFF awaiting defect notice from IQP Inspector.
Waipapa Hall	Eastern	27 Waipapa Road, Waipapa	28-Mar	Monthly/Annual	
Kerikeri Domain Pavilion	Eastern	8 Cobham Rd, Kerikeri	TBC	TBC	Confirming information
Kaikohe Senior Citizens Hall	Western	Tawanui Street, Kaikohe	TBC	TBC	Confirming information
Kohukohu Town Hall	Western	Beach Road, Kohukohu	TBC	TBC	Confirming information

LEASES / AGREEMENTS

1-Jun	To do / on hold	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing	Completed this month
Western			Opononi Statue Agreement	JAN '20: Opononi Bowling Club Lease (new)	JAN '21: RAD Lease - contact had and areas that need addressing to be progressed		
			JAN '21 Northland College - Swimming Pool MOU (renew) progressing	JAN '20: Hokianga Coastguard Lease (new)	JAN '21 Rawene Campus Lease with Te Puna o Kupenuku		
				JAN '20: Hokianga Treks			
Eastern	Kerikeri College - Swimming Pool MOU (review)		OCT '20 Cherry Park House - discussions underway to consider future structure of management committees (involves SP&P)	OCT '20: Roland's Wood - signed agreement received from FORWT. Matter will proceed to the High Court to change over the Trust Deed.	ONGOING: Walls Bay	JAN ' 21: Whangaroa public toilet water supply agreement with the marina being negotiated.	
	NOV '20: Te Hue Bay Agreement to permit a picnic area and slipway to remain in place for use by the public. On hold until the new year.	FEB '21: Russell Tennis Club - contacted by Club - discussing need for a formal arrangement	AUG '19: Kawakawa Memorial Library Hall Lease (renewal?)	May '21: Kerikeri Croquet Club - request to renew lease for the 5 year period but would like larger premises long term		Feb'21 Vision Kerikeri. Volunteer agreement signed by Vision Kerikeri. Awaiting signature by Council	
	NOV '20: Waipapa public toilet agreement (on hold)		APR '21: Russell Sports Trust Lease (renewal) New Contact indicates they are now happy to sign lease.	ONGOING: Kerikeri Sports Complex Lease (Hold)			
	NOV '20: Paihia Village Green Market: on hold due to the impact of COVID and no cruise ship visits.			Investigation: * Tauranga Bay - water easement Agreement (new due to expiry)			
	NOV '20 Cherry Park House - discussions underway with EM's and staff to look at a future structure of management committees			MAR '21 Russell St Johns & Medical centre - looking for location for garage.			
	FEB '20: Look at extending land lease of Recreational Vehicle Effluent Dump Station from Licensor Melia Investment Ltd. Expires 30/06/2021			MAR '21 Russell Hall and Toilets. Work in progress to establish power supply and water responsibilities			
				APR '21 Paihia Waitangi Kindergarten lease renewal. Site visit and application complete.			

1-Jun	To do / on hold	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing	Completed this month
Northern	DEC '20: Te Hiku Sports Hub land lease	JAN '20: Hihi Community Centre Lease (new)	ON HOLD (June): Kaitaia Saturday Market Agreement (on hold)	JAN '20: St Johns Ambulance Ahipara Lease (renewal)	DEC '20: FENZ Karikari 28 Maitai Bay Road (Ena)	FEB '21: APRI - Unahi Wharf Agreement: a few more adjustments needed	
	DEC '20: Mangonui Netball Club. Request to issue a new lease received however relates to the Te Hiku Sports Hub development (meeting to be held)		JAN '20: Te Kao - public toilet Agreement (new)	JAN '20: Te Kohanga Reo o Houhora Lease (new)	JAN '21: Waiotaraire Reserve - public toilet water supply agreement is progressing		
				FEB '20: Tumanako o Kaitaia Kohanga Reo Trust (new)	FEB '21: Kaitaia Plunket Lease - negotiations around removal of old buildings before lease can be terminated		
				May '21: Omaitai Waka Ama Club. Wish to extend lease of Taipa point for a further 2 years.			
				JAN '20: Hihi Community Centre Lease (new)			
				APR '21 Te Rarawa Rugby Football Club Inc. Lease renewal and inclusion of netball, tennis and basketball courts.			
Other	Far North Holdings - property agreement						
	SP&P to do: * Paihia Village Green Management Plan						

PROVINCIAL GROWTH FUND (PGF) ROADING

EXECUTIVE SUMMARY

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

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

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

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

SUMMARY - May

Priority 1 Routes

Peria Road

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

Good progress has been made onsite with construction works at Peria which has been split into 5 sections, with Sections 1, 2, 3 and 4 completed. Since then, good progress has been made on Section 5 with Fulton Hogan undertaking clearing, earthworks, drainage and shoulder/pavement undercuts. Next month's activities for Peria Road will focus on continuing the earthworks and drainage for Section 5 so final pavement construction and surfacing can be programmed for early next construction season (by December 2021).

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



Plenty of Rock Wall construction in progress at Peria on Section 5



Shoulder support at Peria on Section 5



More Section 5 rock wall at Peria

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.

The construction delivery of the seal extension has been split into four 1.25km sections, with staging of works on each section ideally allowing multiple sections to be in constructed at once (once clearing/earthworks on section one have been completed, that crew can move to section two and so on). Good progress has been made with construction works over the last two months. Clearing/earthworks has been completed on Sections 1, 2 and 3. Drainage and culvert upgrades are complete on Section 1 and 2, and nearing completion on Section 3. Subbase pavement layer has been overlaid and compacted on Sections 1, 2 and 3.

Next month's activities for Ngapipito Road will focus on trimming up the subbase to level, completing the drainage and continuing pavement construction for Section 1, 2 and 3 and commencing drainage/earthworks on Section 4 if weather permits. Ngapipito Road seal extension delivery has been hindered by design and construction resource availability. Clearing, earthworks and pavement construction will continue, with surfacing programmed for next season (completion expected by December 2021).



Ngapipito Road drainage and culvert upgrades are complete on sections 1 and 2



Subbase pavement layer has been overlayed and compacted on Sections 1, 2 and 3 at Ngapipito.

Bridge upgrades

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

Ruapekapeka Road

Stage 1

Earthworks on the seal extension portion of Stage 1 are complete. Earthworks on the unsealed portion (end of seal to Hayes Road) were halted in previous months when Northland's fibre cable was located within the large cut. A new fibre duct has since been installed at the toe of the large cut and the fibre jointing and transition took place on the 1st of June.

Progress of the unsealed portion continued, with the exception of the big cut, with the majority of the earthworks being undertaken. 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 large cut.

Next month's activities for Ruapekapeka Road Stage 1 will focus 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 winter will be spent 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 December 2021.

Stage 2

Detailed design for Ruapekapeka Road Stage 2 (bridge to Monument Road) is complete, with the engineers estimate returning a much higher value than the available budget. Value engineering has been undertaken to reduce the scale of the structural aspects of the design. A safety audit of the detailed design is currently underway.

June's activities for Stage 2 will focus on getting the tender documentation through the review process and out to market and progressing the state highway intersection design and consenting. Completion is targeted for next construction season.

The proposed delivery mechanism for Stage 2 is to utilise the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. The tender documents are undergoing a final peer review by the NTA, NZTA and Northern Edge. The tender is expected to be released mid-June, with award on track for early September.

The last part of stage 2 is the State Highway intersection. The design is underway, with some unforeseen obstacles having appeared during the design of the right turn bay. A river diversion into private property complicates the design strategy and timeframes, resulting in further consents and a hydrological design to make a feasible intersection design within the available footprint.

Ongoing liaisons have been taking place with Te Ruapekapeka Trust for their inclusion of the intersection Pou; a hui was held on 19th May and a location agreed that satisfies the Trust and considers visibility and safety for the state highway. Next month's activities for this aspect of the project will focus on progressing the intersection design, with the completion also targeted for next construction season.



Ruapekapeka Road Stage 1 pavement construction

PROGRAMME OVERVIEW

Priority 1 Routes

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

► Priority 1 Routes Programme Milestones			
Deliverable	Original Completion Date	Variation Completion Date	Status
<ul style="list-style-type: none"> Funding Agreement executed by both parties. Investigation and design underway. Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020. 	August 2020	Achieved	
<ul style="list-style-type: none"> ECl agreement in place Stage 1 investigation and design complete 	30 September 2020	Achieved	
<ul style="list-style-type: none"> Stage 2 design complete Stage 2 construction underway 	31 December 2020	15 March 2021 - Achieved	
<ul style="list-style-type: none"> Stage 2 construction complete 	31 March 2021	30 November 2021	
<ul style="list-style-type: none"> Final completion of surfacing MSQA reporting and monitoring paperwork 	30 June 2021	30 December 2021	

Ruapekapeka Road

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

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

▶ Ruapekapeka Road Programme Milestones			
Deliverable	Original Completion Date	Variation Completion Date	Status
<ul style="list-style-type: none"> Funding Agreement executed by both parties Investigation and design underway 	August 2020	Achieved	
<ul style="list-style-type: none"> ECI agreement in place Stage 1 investigation and design complete Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September 2020. 	30 September 2020	Achieved	
NOTE: Major earthworks for Stage 1 construction have been unable to start due to delays with consenting and archaeological authority requirements. The programme was already tight and this will put us a month behind, which will have a knock-on effect on the completion date.			
<ul style="list-style-type: none"> Stage 2 design complete Stage 2 construction underway MSQA reporting and monitoring paperwork 	31 December 2020	28 February 2021	
<ul style="list-style-type: none"> Stage 1 construction complete MSQA reporting and monitoring paperwork 	31 December 2020	30 October 2021	
<ul style="list-style-type: none"> Stage 2 construction complete MSQA reporting and monitoring paperwork 	31 March 2021	30 November 2021	
<ul style="list-style-type: none"> Final completion of surfacing MSQA reporting and monitoring paperwork 	30 June 2021	30 December 2021	

FINANCIAL OVERVIEW

▶ Strategic Roads Road	
May Claim	\$797,065
Total Claimed to Date	\$6,117,854
Total Contract Value	\$14,200,000
▶ Ruapekapeka Road	
May Claim	\$81,701
Total Claimed to Date	\$864,177
Total Contract Value	\$6,500,500

KEY RISKS AND OPPORTUNITIES

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

1. For Ruapekapeka, the initial engineers estimate based on the submitted design for stage 2 works, exceeds the budget allocation, largely due to the proposed retaining wall structures required to achieve road width adjacent to (below) the Pa site. We have engaged WSP to peer review the design and identify any 'value engineering' opportunities. This has been raised with MBIE representatives, with early discussions on potential funding reallocation from 'Priority 1 Roads Project'.
2. Transfer of funding from Strategic Routes to Ruapekapeka – agreed in principle with MBIE directly but requires ministerial signoff. Design will confirm amount required, then approval will be sought.
3. December Completion Milestone for Ruapekapeka:
 - Infrastructure Committee meeting date (8 Sept) constraint for Awarding stage 2 Ruapekapeka – may request special meeting to award earlier if we're ready to.
 - Resource Consent for relocation of the stream - undertaken early consultation with landowners, already talking with NRC and NZTA to confirm most efficient consent strategy.
 - Bridges have reinforced steel and could encounter material supply chain issues – design is largely complete, early contractor involvement will be used to investigate supply and order materials as early as possible.
4. Fibre Optic – we know it's there and will manage early location and relocating as we go.

STAKEHOLDER COMMUNICATION

A hui was held with Te Ruapekapeka Trust on 19th May to agree a location for the Pou that will be sited at the state highway intersection. The agreed solution satisfies both the Trust and NZTA from a safety perspective.

Early landowner consultation has been undertaken with the property adjacent to the stream that requires relocation into their land. Discussions will continue through the consent process, but early indications are that the proposal is well received.

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 - May

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.

FORESHORE FOOTPATH EXTENSION

Progress on the Foreshore Road footpath extension is going well at Ahipara. Stonecraft Construction are sub contracted to complete this work, while Fulton Hogan are carrying out the roading portion.

A retaining wall and handrail had to be installed.

The feedback from the general public is very positive noting the wide, curved pathways.

The two girls pictured in the bottom photo are senior students in Year 12 & 13 from Kaitaia College doing Gateway work experience with Andrea at Hoskin Civil. These girls are getting an insight into what project management involves every Thursday morning.

In the same photo pictured you can see some boxing of the concrete bases that was awarded to OTO Construction, a small Maori owned business. The first 7 of these bases will be poured in June.



AWANUI AND TAITAMARIKI WORKSHOP WITH AKAU

Awanui have just completed a taitamariki workshop led by Akau. The two-day workshop was in Te Reo Maori and Suzie Clark arranged for Te Rangi Aniwaniwa to host. While five schools that feed into Awanui were invited, unfortunately, only students from Aniwaniwa could attend but the range of ages were from Year 7 to Year 13. Guest speakers, who shared the rich history of the Awanui community, from Ngai Takoto included Rangitane Marsden, Shane Jones, Myra Berghan and Desley Austen. Akau then guided the eighteen students from years 7 to 13 and developed their ideas, techniques and images from those stories, producing high quality work. The Te Hiku project working group is looking forward to the summary report and recommendations from Akau in the next few weeks which will guide some of the design and art work in and around the Awanui community.



In addition, streetscaping ideas are being drafted, building owners approached and plans drawn for carparks and the board walk down beside the Bakerman Café. Discussions have been held with land owners adjacent to the Café on either side of the council land. The general theme for Awanui is around Big River and the boats, hence the porthole artwork concept shown below.



Work has now begun in the Awanui park with the sub soil drainage work carried out in May which was necessary to complete before further development work in the park.



Gateway students getting shown the mega-flow drainage pipe and how it works with the layers of filter cloth, metal and soil by the contractor from Far North Roding doing the sub soil drainage work at Awanui Park.



AHIPARA & TAMARIKI FEEDBACK ON KORORA PARK

In May, Andrea visited every classroom at Ahipara School to show a presentation on what is happening in the community, with a focus on the park and seeking feedback and ideas from the 230 students. The response was overwhelming, with summary data to inform us during the selection of equipment from suppliers. The students are very excited about the pump track. There is a keenness for interactive equipment, such as inground trampolines, tunnels, and decent towers and slides. The procurement plan for the park equipment is expected to be approved in June as there is a 20 week lead time for equipment, the construction for the park is expected to start in November.



Ahipara Aroha have selected to spend the street scaping funds on:

- Bollard lighting in the “CBD” by the shops
- Ahipara student art workshop by Kim Noho to theme the town on how Ahipara got its name
- A new welcome sign that doubles as a community notice board

Procurement plans will be sent through in June for these projects to be approved by FNDC.



ALLEN BELL PARK

The contour and land has significantly altered in Allen Bell Park from when we first put together a park plan. The work carried out by NRC is tremendous in protecting the homes in the area and once the grass has grown back the slopes and valleys will make some great play area. However, we are going to start again with our design plans for the equipment planned and are welcoming the community, including the young people who live in the area, to attend a hui at the park on 8 July.



The Allen Bell Park Hui

Thursday 8th July 2021
3pm - 5pm

With all the earth work changes that have happened to the Allen Bell Park for the flood protection, we would like to ask for your input on future design ideas for the park including;

- Planting
- Park Equipment
- Toilet Block

For any inquiries contact
Andrea Panther at
andrea@hoskincivil.co.nz
or 021 084 11927



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. The Kaitaia town square and Market Square are likely to be underway by August but not completed.

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 procurement plans in the process 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
<ul style="list-style-type: none"> The agreement executed by both parties. Project is 'shovel ready' 	30/10/2020	Green
<ul style="list-style-type: none"> Surveying, detailed plans and preparation for works at Ahipara, Awanui and Kaitaia. Recipient to provide evidence to the Ministry that the previous instalment has been spent. 	28/02/2021	Green
<ul style="list-style-type: none"> 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	Green
<ul style="list-style-type: none"> 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	Orange
<ul style="list-style-type: none"> Awanui carpark and playground completed Ahipara carpark and playground completed Cultural Art erected Awanui Jetty completed Ahipara walkways completed 	30/11/2021	Green
<ul style="list-style-type: none"> All works completed and project finishes 	30/06/2022	Green

FINANCIAL OVERVIEW

▶ Te Hiku O te Ika	
Contract	
May Claim Amount	\$222,294
Total spend to date	\$693,446

BROADER OUTCOMES

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

Social Procurement

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

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

Local Iwi partnerships

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

Upskilling the local workforce

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

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

CIVIL DEFENSE EMERGENCY MANAGEMENT

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

recovering from emergencies.

NATIONAL EMERGENCY MANGMENT AGENCY (NEMA)

The National Warning System (NWS) has been tested as part of its quarterly testing program. The test involved sending messages via SMS, email and voice to national agencies, including government departments, territorial authorities, emergency services, lifeline utilities, welfare agencies and media broadcasters.

The purpose of the NWS is to forewarn national agencies on potential or actual threats to life, health or property so that agencies can respond effectively and provide confidence to New Zealanders. The NWS is not a public alerting system. The Emergency Mobile Alert system is used for this purpose and is tested in November.



Communication channels used to issue information in an emergency - those highlighted were those that were tested.

The NEMA Communications Unit will be launching a national earthquake and tsunami campaign with a focus on reaching those least likely to know the correct life safety action to take in an earthquake and tsunami event. NEMA have identified that these people are also often those that are disproportionately affected by emergencies. These communities include lower income families, Māori, Pacific and Asian communities, speakers of languages other than English, and those over 60 years of age.

The key message of this campaign is to know the natural warning signs of tsunami and act – Long or Strong, Get Gone. The focus is on the need to "get gone" in a long or strong earthquake, as this kind of earthquake may generate a local-source tsunami that could arrive to the New Zealand coastline within minutes, leaving no time for official warning.

As part of the Budget 2021 the Government has announced an investment of \$48.6 million for the purpose of delivering a responsive and inclusive emergency management system to empower communities to increase their resilience to natural disasters and other emergencies.

- Recognising and enabling the valued role Maori play in emergency management.
- Enabling a sharper focus on communities who are disproportionately affected in emergencies, e.g.: Maori, Pacific peoples, the culturally and ethnically diverse, those for whom English is not a first language, seniors, children and those experiencing socio-economic deprivation, disability, ill health or social and geographic isolation.
- Creating a stronger, more professional emergency management workforce enabling greater coordination and planning across all agencies involved in emergency management.
- Introducing a new standards and monitoring regime

- developing a new national lessons management system to enable continuous improvement
- improving hazard risk management expertise.

A post event review of the national response to the earthquake and tsunami threat on 5 March 2021 concluded the response was efficient and effective. There were many positives including the prompt evacuation actions by the public, the performance of the National Warning System and the use of Emergency Mobile Alerts, and the proactive engagement with the media throughout the response.

Because of the complexity of the event, several improvements introduced over the last five years to speed up and improve the delivery of tsunami warning messages showed their value during this response. These include the use of Emergency Mobile Alerting by both NEMA and the regional CDEM Groups, improvements to the National Warning System, the development of the 24/7 capability of the National Geohazards Monitoring Centre (NGMC) at GNS Science, and the focus on the development of the relationship between the NEMA and GNS Science Duty Teams.

The positive evacuation actions taken by the public showed the value and take up of the “Long or Strong, Get Gone” messaging and the importance of ongoing tsunami public education engagement. There was also demonstrated value in the proactive engagement NEMA has undertaken with the media to help improve tsunami warning understanding, and to bolster media arrangements during an emergency.

Following the comprehensive debriefing process, the following key findings have been identified that will benefit from a continued improvement focus:

- The provision of advice to the public needs to be sped up
- Further improvements to the distribution of agency responsibilities would improve the tsunami warning process
- Collaboration between agencies was supported by existing relationships
- Public understanding of what to do when there is a local source tsunami is improving
- Scientific advice from GNS Science continues to be best for New Zealand
- Activation in response was effective
- The widespread use of Emergency Mobile Alert messaging was generally effective
- Public information was disseminated through a wide variety of channels and extensive ‘reach’ was achieved
- There is continued confusion between the use of land threat versus beach and marine threat
- The events had the potential to stretch NEMA resources.

Several areas have been recommended for improvement following previous tsunami responses and have been acted on. It is acknowledged some do have quick fixes and will require a continued focus to lift the effectiveness of New Zealand’s tsunami monitoring and warning systems

NORTHLAND CDEM GROUP

The **Northland Civil Defence Emergency Management Forum 2021** was held at Forum North in Whangarei on Wednesday, 5 May. 265 delegates, with representation from Iwi and hapu, emergency services, agencies and stakeholders, community response groups, Auckland and Waikato CDEM, National Emergency Management Agency (NEMA), territorial authorities, businesses and the Northland economic sector. Key note Speakers included, Mike Bush- Former Police Commissioner, Dr Sarb Johol – Clinical Psychologist, Wayne Sharplin – Waka Kotahi, Major Kevin Williams – New Zealand Defence Force, Gary Knowles – Deputy Chief Executive Officer National Emergency Management Agency, Phill Mackasy – MacKenzie District Council, Michelle Poole – Fire Emergency New Zealand



The **Northland CDEM Group** have approached the **National Emergency Management Agency (NEMA)** to gauge their interest in supporting the Northland Multi-Agency Coordination Centre project. Suggestions have also been made to NEMA regarding the Northland multi-agency Coordination Centre becoming a support resource for the National Crisis Management Centre alternate during an emergency when the NCMC in Wellington cannot be utilised and the alternate NCMC is being activated.

Northland Regional Council have approved **four flood protection projects** in its Long-Term Plan (LTP) (some of which are benefiting from central Government 'shovel ready' funding and other grants):

- Completing the Awanui River flood scheme upgrade (which is already underway) in three years instead of the projected eight
- Otiria-Moerewa flood mitigation spillway – this was proposed as part of the 2018-2028 LTP but did not receive sufficient community support to proceed at that stage. Since then, staff have worked closely with the Taumārere Flood Management Working Group, Otiria Marae Committee and community leaders to further develop the proposal and the community's understanding and engagement in the process. Work is now proposed to commence in 2021
- A flood deflection bank to provide protection for Kawakawa's shops, with work on this likely to begin in 2024

As a result of the response to the 2019-20 drought highlighting the region's lack of water resilience, a collaborative inter-agency Te Tai Tokerau Water Resilience Working Group was formed to promote improving water resilience, and in particular access to safe adequate household water. Northland CDEM Group participates in the Working Group, along with representatives of Department of Internal Affairs, Te Puni Kōkiri, Te Kahu o Taonui, Northland District Health Board, Ministry for Primary Industries, Ministry of Social Development and the District Council. The Working Group's initial focus is on identifying water resilience improvement priorities and projects, coordinating agency support and potential funding opportunities.

Five Northland CDEM Group staff members **attended the 2021 National Emergency Management Conference** held at Te Papa, Wellington in May. The theme of the conference was *'Building Safe & Resilient Communities; the Future of the Emergency Management System.'*

A key focus was across agency Iwi engagement in New Zealand emergency management system. This focus acted as a guide for the remainder of the conference, allowing for the consideration of Māori, and their partnership throughout all aspects of emergency management. Prime Minister Jacinda Ardern reflected on the role that Civil Defence has played in the numerous responses across the country in her term and the government funding of \$46 million to NEMA, enabling emergency management capability building. Director-General of Health, Dr Ashley Bloomfield spoke on the response to COVID-19, the way forward, and reflected on CDEM's support of the health response in respective regions.

The Northland CDEM Group Plan 2016-2021 review started in December 2019. Due to several overlapping emergency responses during 2020, the focus on the review recommenced in January 2021. A CDEM stakeholders and partners workshop was held on 31 March to review the current plan and receive input from across the sector. Input was collated and incorporated into the new draft plan.

The Northland CDEM Group Plan 2021-2026 is now complete in its draft form and will be presented to the Northland CDEM Group Joint Committee to approve for public consultation. The consultation period is set to

start on Monday 21 June for five weeks. Submissions received will be reviewed and subsequent hearings will be held during August. Any updates required will be added or changed during September.

A requirement is the Minister of Emergency Management be consulted, review and approve the plan before it is approved by the Northland CDEM Group Joint Committee in the November 2021 meeting.

The Northland tsunami alarm network is reaching its expected lifespan and requires replacement. The current system is activated through the ripple control system and is managed and maintained in partnership with Northland CDEM Group members, Northpower and Top Energy.

The upgraded system will have a louder decibel rating, voice messaging, back-up power supply, remote activation and be installed on stand-alone infrastructure.

A request for tender was activated on the Government Electronic Tender Service (GETS) website for Government tenders from Monday 19 April 2021 to Monday 31 May 2021. The tender was for the provision of new tsunami siren assets which meet the national required standards and accompanying infrastructure costs. Installation costs at this stage are separate. The tender was for \$250k, funds which were provided by NEMA from the National Resilience Fund. The contract awarded is to start the siren upgrade project, with further funding dependant on Northland's four council's Long-Term Plan outcomes.

LOCAL

- On the 11th of March 2021, a presentation was delivered to the **Doubtless Bay Business and Professional Woman's Group**. This focused on the tsunami event of March 5th and local civil defence arrangements.
- As a result of the March 5th Tsunami warning, Civil Defence Officers have **attended community debriefs** at Lake Ohia, Karikari Peninsula and Russell.
- **Community meetings have been attended to update and review Community Response Plans** at Ahipara, Kawakawa, Waihaha / Waikare, Coopers Beach, Motuti Marae and Mohinui Marae. A common theme from the members of these groups is that they are suffering from a high degree of stress and burnout because of the number of events they have been exposed to over the past 16 months and lack of support and engagement from their communities. In particular, the community of Russell have decided to disband their Community Response Group as their efforts to recruit others from within their community to assist have not been successful.
- Northland CDEM Group Emergency Management Advisors **attended the Emergency Management Communications Conference** and the National Emergency Management Agency Conference held in Wellington in March and May respectively.
- Civil Defence staff have been **working with the Northland District Health Board** to assist in identifying suitable sites for Covid19 testing and vaccination sites. The District Health Board are currently working with the Far North District Council on a proposed site in Kaitaia.
- On the 12th of May 2021 **Civil Defence met with Mayor John Carter**, Councillor Collard and the Kaitaia Business Association to discuss business continuity planning within the Kaitaia area. A subsequent meeting was had with Juken Mill management regarding the tsunami hazard zones.
- On Friday 14th May 2021, Civil Defence officers **attended a powhiri at Mahimaru Marae** in support of \$8 million being given to Iwi from National Emergency Management Agency to support water infrastructure in the Far North. The money has been allocated for the purchase and installation of up to 1000 water tanks in the Far North.
- **Marae preparedness within Iwi** groups has amplified since the March 5th tsunami warning. Civil Defence Officers have met with a number of Iwi leaders to discuss Marae planning moving forward which is ongoing.

- On the 29th April 2021 **Civil Defence Officers were invited to present to Fire Emergency New Zealand's** Muri Whenua Chief Fire Officers and Deputy Chief Officers leadership meeting regarding the March 5th tsunami warning. The presentation included an overview on how tsunami warnings are received, the national warning system and the concept and importance of community response planning.
- **Presentations have been given to schools and early childhood centres** regarding emergency preparedness. Several corrective actions were identified by educational facilities as a result of the March 5th tsunami event. CDEM Northland are working with the Ministry of Education to review emergency plans relative to the school's location and hazard profile.



APPENDICES



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



**PROVINCIAL
GROWTH
FUND**
TUAWHENUA

Location and Region:	Te Tai Tokerau\Northland
Contracted Amount:	\$9.32 million (Original) + \$4 million (Storm Variation)
Report Date:	For the month ending May 2021
Programme Outcomes:	<ul style="list-style-type: none"> • prioritise the employment of local workers displaced by the COVID economic crisis; • occur at pace, time being critical; and • assist in meeting the social procurement objectives agreed between the parties

1. Project Updates

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

Project Element	Details of progress
1. Removal of self-seeded roadside trees	Funding item complete.
2. Roding sightline improvements and vegetation clearance	Funding item complete.
3. Roadside litter collection and clean-up	Funding item complete.
4. Removal of known Roadside hazardous trees	Funding item complete.
5. Removal of self-seeded roadside trees	Funding item complete.
6. Roadside litter collection and clean-up	Funding item complete.
7. Spot Spraying Noxious Weeds	Funding item complete.
8. Sight Rail Improvements (3# districts)	Funding item complete.
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangī	<p>The project works are now primarily complete, with only minor final reinstatement items to be completed in early June to complete the project. Work completed in May was:</p> <ul style="list-style-type: none"> • Mangawhai Community Park, Reinstatement of shared tracks/walkways, clearance and tidy up of sand-dune mound café area entrance and parking area. Preparation of ground areas with topsoil for revegetation planting, grassing and mulching.
10. WDC Parks - Vegetation clearance & clean ups	Funding item complete.
11. FNDC Parks - Vegetation clearance & clean ups	Funding item complete.
12. NRC - Rivers & Beaches Vegetation clearance & clean ups	Funding item complete.

13. Tikipunga cycle trail - Stage 1 - (Totara Parklands to Whg. Falls)	Funding item complete.
14. New Footpaths (3# districts) missing links in existing urban network	Funding item complete.
15. Accelerated Unsealed network grading program	Funding item complete.
16. WDC Storm Response works	Funding item complete.
17. FNDC Storm Response works	Storm Response scope activities have continued, with completion on track for revised timeline of end-May 2021. 55% of total \$2m identified works has been completed & invoiced as at 30th April 2021.

2. Redeployment Outcomes

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

Project Milestone	No. prev Unemployed	No. local	No. aged 15-24	No. Māori	No. Pasifika	No. Women
	3	6	2	4	0	1
TOTAL	3	6	2	4	0	1

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

Total People Working <i>Number of people working on the project throughout the reporting month (you can include existing employees here such as finance team members etc).</i>	Contractor* <i>Non-employee providing contractor services (such as a fencing contractor, builder, fixed term contractor etc).</i>	Consultant* <i>Non-employee providing professional advisory services (such as an engineering consultant or architect etc).</i>
8	0	1

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

Created Roles <i>Number of roles created by this project (add together contractors plus consultants)</i>	Full-time <i>How many of the Total Created Roles worked at least 30 hours a week throughout the previous month.</i>	Part-Time <i>How many of the Total Created Roles worked under 30 hours a week throughout the previous month.</i>
1		1

2.4 Please complete the following table with total numbers for previous jobs and expected jobs in the future. One (1) should be counted for any full-time, part-time, contractor or consultant. This table should be calculated excluding existing employees.

Total number of people previously but no longer working on the project	Total number of expected jobs in the future of the project
287	Nil

2.5 Please provide any additional information relating to the tables above.

As majority of originally funded activities are now complete few staff remain engaged on the programme, noting that where possible previously unemployed workers who were engaged through the programme are being retained for alternate works where possible.

3. Supplier Diversity Outcomes

Complete the following table for the number and value of each direct or sub-contract awarded to local, Māori and/or Pasifika-owned businesses during the current reporting period.

Name of business	Business type (Māori, Pasifika, local)	Contract type (direct, sub-contract)	Contract purpose (briefly describe)	Length of contract (months)	Total value of contract (\$)	No. new employees (as a result of contract)
Waterway Specialists	Local – Mangawhai	Direct	Removal of pest plants within Kaipara Parks	5 months	\$191,065 (\$28,250 this period)	5
Asset Construction Ltd	Local – Mangawhai	Direct	Reinstatement works with Parks following pest plant removal	2 months	\$94,568* (\$28,485 this period)	3 (part time)

* Total amount was incorrectly state as \$225,000 in April report

4. Social Procurement Objectives

Please provide detail in the table below (Please state N/A if the objective is not applicable).

State your Social Procurement Objectives (as agreed during contracting)	State your Social Procurement Measures (as agreed during contracting)	Show achievements to date against each of the Social Procurement Objectives
Social Procurement Outcome - Employment of targeted workers	Employment targets that apply to the 165 workers employed:	Key Programme “peak” employment figures:

State your Social Procurement Objectives (as agreed during contracting)	State your Social Procurement Measures (as agreed during contracting)	Show achievements to date against each of the Social Procurement Objectives
	<p>a. 45% Maori b. 5% Pasifika c. 20% Women d. 30% Youth (18 – 24 years)</p> <p>Note – while the above add to 100%, employed workers may cover multiple categories and therefore not all engaged workers will come from these target groups.</p> <p>Of the 165 workers employed, at least 50 are to be ‘new’ (fixed term) roles for people displaced due to Covid-19 and still unemployed.</p>	<p>a. 126 Maori b. 25 Pasifika c. 50 Women d. 72 youth</p> <p>293 FTE positions reported as working at peak of programme with 98 of these reported as workers were previously unemployed.</p>
<p>Social Procurement Outcome - Environmental Responsibility</p>	<p>Adoption of practices that enable the project to be delivered sustainably, include:</p> <ul style="list-style-type: none"> • protecting or enhancing the local ecosystem and its indigenous biodiversity. This tree removal project is focussed on removing pest species trees including wilding Conifers, invasive Poplars and Willows. • Actively seeking to minimise the carbon impact of project delivery, to support the transition to a net zero emissions economy whenever practical. • Minimising waste, re-using materials, and where possible incorporating the principles of the circular economy. Where possible tree debris will be chipped into mulch and felled trees (of appropriate size) will be made available to community groups for distribution. 	<p>WDC Roding</p> <ul style="list-style-type: none"> • Firewood and mulch continue to be supplied local households. • Local Fire wood merchant located to take large trunks unwanted by adjacent landowners • Mulch delivered to local Area School (Whangaruru) <p>KDC Parks</p> <ul style="list-style-type: none"> • Arrangements in place with contractors have been focussed on working collaboratively with community and other groups in order to reuse by-products where possible. • Open communication channels between contractor, KDC, and other stakeholder groups have been utilised to seek opportunities for re-use of by-products and recycling where possible.

State your Social Procurement Objectives (as agreed during contracting)	State your Social Procurement Measures (as agreed during contracting)	Show achievements to date against each of the Social Procurement Objectives
	<ul style="list-style-type: none"> Build resilience back into areas of work following the removal of the pest trees, (where practical) native trees will be replanted. 	
Social Procurement Outcome - Local Businesses	40% of direct contract and sub-contract values will be awarded to businesses owned and operated by people who reside in the region	Approximately \$5m (54% of Original Programme funding) awarded to, and completed by Local Northland businesses
Social Procurement Outcome - Supplier Diversity	15% of the direct contract and sub-contract values will	Approximately \$1.373m (15% of Original Programme funding)
Social Procurement Outcome - Local Businesses	40% of direct contract and sub-contract values will be awarded to businesses owned and operated by people who reside in the region	Approximately \$5m (54% of Original Programme funding) awarded to, and completed by Local Northland businesses
Social Procurement Outcome - Worker Conditions	<p>All new employees will undergo pre-employment induction, by the Employer, in accordance with Approved Codes of Practice for Health and Safety for the relevant industry standards.</p> <p>Employers will provide a documented Health and Safety Management System that is effective and meets the requirements of the Health and Safety at Work Act 2015 and the associated Regulations and Codes of Practice.</p> <p>All new employees engaged on fixed term contracts shall receive remuneration consistent with industry standards for their skill level and experience</p>	<p>All workers have completed respective organisation induction and on-boarding training.</p> <p>Several opportunities being pursued for engaged redeployed workers to transition to full time employment</p>

5. Financials

Please provide a summary of funding received and expenditure to date with actual against budgeted, for each budget area in the table below. Please use GST exclusive figures.

Note – Original budget figures can be seen [here](#)².

Project Element	Received from PGF to date	Actual Project Expenditure to Date	Notes
1. Removal of self seeded roadside trees	\$ 300,000.00	\$ 1,260,000.00	<i>Works completed</i>
2. Roading sightline improvements and vegetation clearance	\$ 460,000.00		
3. Roadside litter collection and clean-up	\$ 500,000.00		
4. Removal of known Road side hazardous trees	\$ 1,800,000.00	\$ 1,804,059.23	<i>Works completed</i>
5. Removal of self-seeded roadside trees	\$ 870,000.00	\$ 1,019,765.39	<i>Works completed</i>
6. Roadside litter collection and clean-up	\$ 470,000.00	\$ 463,901.22	<i>Works completed</i>
7. Spot Spraying Noxious Weeds	\$ 250,000.00	\$ 292,260.64	<i>Works completed</i>
8. Sight Rail Improvements (3# districts)	\$ 200,000.00	\$ 147,548.84	<i>Works completed</i>
9. Kaipara District Council Parks - Vegetation clearance & clean ups - Kai Iwi Lakes & Pou Tu o Te Rangī	\$ 1,600,000.00	\$ 1,545,002.99	<i>Final reinstatement and close-out of the project will be completed by 16th June 2021, with approx \$55k remaining to be invoiced to KDC by the 18th June 2021 to allow closure of project.</i>
10. Whangarei District Council Parks - Vegetation clearance & clean ups	\$ 200,000.00	\$ 600,000.00	<i>Works completed</i>
13. Tikipunga cycle trail - Stage 1 (Totara Parklands to Whangarei Falls)	\$ 400,000.00		
11. Far North District Council Parks - Vegetation clearance & clean ups	\$ 200,000.00	\$ 205,572.66	<i>Works completed</i>
12. Northland Regional Council - Rivers & Beaches Vegetation clearance & clean ups	\$ 200,000.00	\$ 200,000.00	<i>Works completed</i>
14. New Footpaths (3# districts) missing links in existing urban network	\$ 1,500,000.00	\$ 1,470,135.00	<i>Primary construction works completed</i>
15. Accelerated Unsealed network grading program	\$ 370,000.00	\$ 195,507.68	
16. WDC Flood Damage repairs	\$ 2,000,000.33	\$ 2,000,000.00	<i>All works complete - expenditure reported at max. \$2m / actual expenditure to date of \$2.074m with overspend covered by WDC funding</i>
17. FNDC Flood Damage repairs	\$ 1,811,501.53	\$ 1,735,228.00	<i>Final tasks on track for completion by mid-June 2021</i>
Total	\$ 13,131,501.86	\$ 12,938,981.65	

² <https://mako.wd.govt.nz/otcs/llisapi.dll/app/nodes/102484174>

6. Forward Work Programme

Outline forward work to be completed in the next month

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

7. Risks/Issues/Opportunities

Top five (5) risks and/or issues arising or expected to arise, their impact on the project and planned mitigations.

Risks / Issues	Likelihood (Low / Medium / High)	Potential Impact (Low / Medium / High)	Mitigation
Failure to complete works within revised Contracted timeframes	Low	High	Risk predominantly mitigated with MBIE approval of Contract Variation to extend Completion timeframe to new Completion date of 28/02/2021 (Completion date for items 9, 16 & 17 further revised to 18 th June 2021)
Changes to Covid-19 Alert Levels	Medium	High	Work programmes to be adapted to suit restrictions where possible. Contractor risk control plans in place

8. Communications

An update on media, marketing and communications activity for this Project

Nil to Report for May 2021.

9. Any other information


such as further opportunities arising from the project, expected and unexpected outcomes (both positive and negative) etc.

Nil to Report for May 2021.

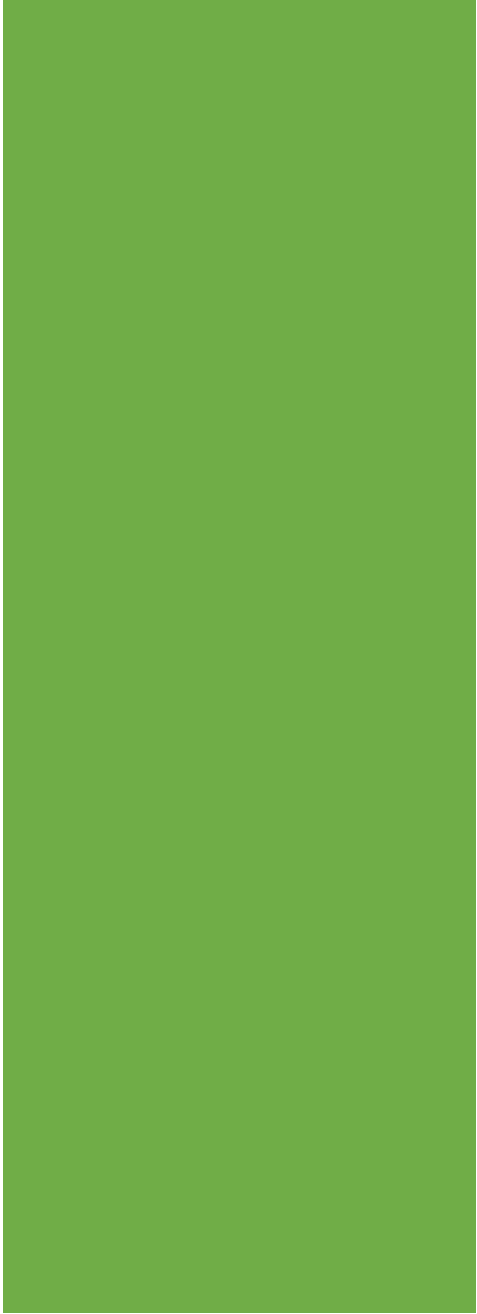
Definitions

***Contractor** - an individual who is either hired directly or via a third party to perform duties that would normally be provided by an existing staff member on the project.

***Consultant** - a company or an individual where service provision is linked to a defined outcome, typically with remuneration linked to agreed milestones, or deliverables, and where supervision of the individuals is the function and responsibility of the consultancy organisation (or shared with the client).



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



MAY UPDATE

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.	100%	In construction	Complete	3	
125 - Footpath Maintenance	Footpath Renewal	Kaikohe-Hokianga Ward: Refer RAMM for list of sites.	97%	In construction	Continue construction	3	
125 - Footpath Maintenance	Footpath Renewal	Te Hiku Ward: Refer RAMM for list of sites.	88%	In construction	In construction	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	0%	In construction	Continue construction	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	PLACEHOLDER	#DIV/0!	n/a	n/a	1	\$82,350.08 of budget to be made surplus in May 2021 as projects constructed within budget.
141 - Emergency Works	Resilience	West Coast Rd RP 9563	50%	Construction complete. Independent geotechnical peer review almost complete. Additional investigations resulting from peer review underway.	Complete independent geotechnical peer review and commission additional geotechnical investigations.	3	
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552	100%	Complete	Complete	3	
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	41%	Program completed	Complete	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Broadwood road	115%	Complete	Complete	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Contract management fixed cost.	92%	n/a	n/a	2	
214 - Sealed Road pavement rehabilitation	Rehabs	Horeke Road	101%	Completed	Practical completion and snag walk-over to be completed	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Okaihau Road	101%	Completed	Practical completion and snag walk-over to be completed	3	low
214 - Sealed Road pavement rehabilitation	Rehabs	Pawarenga Road	94%	Rehab completed	DLP walkover	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Pungaere Road	120%	completed	DLP period	3	
214 - Sealed Road pavement rehabilitation	Rehabs	Purerua Road	109%	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	Waimatenui/Mataraua Road	102%	site sealed 3rd May	minor safety works, signage, as built	3	
215 - Structures Component Replacement	Bridge	Churtons Road Bridge C13	91%	Investigation and design in progress	Continue with Investigation and design	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	92%	Physical works progressing well with close to 95 sites of 105 were completed.	Continue with physical works on major work site.	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	68%	Design done	Tender documents preparation	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D42	68%	Site investigation and options report.	Detailed design & documentation	3	
215 - Structures Component Replacement	Bridge	Kaitaia Awaroa road bridge D47	16%	Site investigation and options report.	Detailed design & documentation	3	
215 - Structures Component Replacement	Bridge	Kenana Road Culvert E94	0%	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	Site investigation and options report done. Physical Works moved to 22/23 as per latest FWP.	3	
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	Puhata road	0%	Matawherohia removed from project and added to Heavy bridge renewal works	Continue with Puhata designs	3	
215 - Structures Component Replacement	Bridge	Scour protection (North and South)	100%	Defects liability period	Defects liability period	3	
215 - Structures Component Replacement	Bridge	Scour protection across the network	119%	Continue physical works with close to 115 sites of 125 were completed	Continue with physical works which includes major work site.	3	
324 - Road Improvements	Lighting	District wide	98%	Completed	Complete	3	
341 - Low Cost Low Risk	Asso Improvements	Northern & Southern Area: Associated improvements on 2020/21 pavement rehabilitation sites	74%	Works in Progress	Works in Progress	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	98%	Defects liability period	Defects liability period	3	
341 - Low Cost Low Risk	Bridge	Quarry Road (Awanui) Culvert B13 Replacement	88%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	WekaWeka Road Culvert J18 Replacement	80%	Investigation and design in progress	Continue with Investigation and design	3	
341 - Low Cost Low Risk	Bridge	West Coast Road G01	59%	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	Bridge	Kaihikatoa Road	96%	Preparation of final designs and documents	finalise design and ready for tender	3	
341 - Low Cost Low Risk	Cycleways	Keith Kent 20/21 & 21/22 projects. Ped & Cycle Traffic Calming Improvements	35%			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	23%	Construction started (in Kerikeri)	Continue construction	2	Contractor behind program and expect to carry into 21/22
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Length of Pa Road	80%	Construction in progress but not completed this month due to delay in material supply.	Continue construction	3	
341 - Low Cost Low Risk	New Footpath	BOI-Whangaroa Ward: Te Taipui Rd to Matauri Bay School Link	22%	In construction	Complete	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath - Taheke Road to Orrs Road eastbound	13%	Construction commenced.	Complete construction	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	4%	Delays while council resolving resident concerns that halted construction are now resolved.	Recommence construction	2	Delays to resolve resident concerns have increased costs (de/remobilise) and may affect delivery this financial year.
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Lake Road 91 to 95	0%	Completed	Complete construction	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Opononi Footpath - Waianga Place	100%	Completed	Complete	3	
341 - Low Cost Low Risk	New Footpath	Kaikohe-Hokianga Ward: Taumataiwi St Opononi	209%	Completed	Complete	3	Footpath budgets not set for individual projects in FNDC system and are currently being updated by Finance team. Costs to be journalled from parent code once FNDC budgets are updated.
341 - Low Cost Low Risk	New Footpath	North Park Drive - Whangatane Drive, Kaitaia	67%	Completed	Complete	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	63%	Construction progressing	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Foreshore Road - Toilets to Panorama Ln	3%	Construction progressing	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - Dominion Road	163%	Construction progressing	Complete construction	3	
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Kaitaia - SH1 Matthews Avenue	178%	Completed	Complete	3	Footpath budgets not set for individual projects in FNDC system and are currently being updated by FNDC Finance team. Costs to be journalled from parent code once FNDC budgets are updated.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd Rangikapiti Rd to Richmond Rd link	100%	Construction deferred as agreed with CB.	Progress advance design	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: Mill Bay Rd to Rangikapiti Rd	62%	Construction deferred as agreed with CB.	Progress advance design	1	Project deferred beyond 2020/21 programme as tender price significantly exceeds budget. Deferral endorsed by Te Hiku CB in 26 Jan meeting.
341 - Low Cost Low Risk	New Footpath	Te Hiku Ward: SH1 Harbour View Rd to private access	9%	Construction progressing	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
341 - Low Cost Low Risk	Pedestrian Improvements	Hobson Ave Ped Crossing	54%			2	No updates provided from safety team
341 - Low Cost Low Risk	Resilience	Aucks Road RP2016	43%	Additional site investigation completed	Finalize the Detailed Design	3	Construction 2021-2022 pending FWP approval.
341 - Low Cost Low Risk	Resilience	Beach Road RO400	50%	Additional site investigation completed	Finalize the Detailed Design	3	Construction 2021-2022 pending FWP approval.
341 - Low Cost Low Risk	Resilience	Kaitaia Awaroa 26991 (c/o from 19/20 currently in construction)	80%	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	Long Beach Road RP 294	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Resilience	Mangamuka Road RP 7845 & 8387	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Panguru Road	101%	Completed	Complete but some minor defects to be addressed	3	
341 - Low Cost Low Risk	Resilience	Powell Road RP209	21%	Peer review of design and Tender Evaluation almost complete.	Award and Start construction.	2	Delivery will extend in to 2021-22
341 - Low Cost Low Risk	Resilience	Powell Road RP92-169	8%	Pavement restatement started	Complete the works	3	
341 - Low Cost Low Risk	Resilience	Sullivans Road	89%	Signed a contract (minor physical works) with Tarmac NZ and started construction of additional safety measures.	Complete the additional safety works	3	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
341 - Low Cost Low Risk	Resilience	Taupo Bay Road RP 8816 & 9169	100%	Complete	Complete	3	
341 - Low Cost Low Risk	Resilience	Unallocated	#DIV/0!			3	Costs to be reallocated to relevant projects
341 - Low Cost Low Risk	Resilience	Waikare Road - mitigation contract	79%	Construction completed on original scope. More sites confirmed and work to recommence.	In construction	3	
341 - Low Cost Low Risk	Resilience	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	Wharekawa Rd RP 3633	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	BOI-Whangaroa Ward: Ped Bridge near Main St Bridge	14%	Site investigation completed.	Bridge design	3	Construction 2021-2022 pending FWP approval.
341 - Low Cost Low Risk	Safety	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	28%	Design complete and procurement underway	Procure and start construction.	2	Delivery most likely extend in to 2021-2022
341 - Low Cost Low Risk	Safety	Kaikohe-Hokianga Ward: Horeke Rd to Cemetery 294-330	5%	In construction	Completed	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	Keith Kent 20/21 & 21/22 projects. Audible Tactile Profile/Structural Road Markings (HRRR WC341)	51%	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	33%	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	Long Beach Road improvement	100%	Completed	Completed	3	
341 - Low Cost Low Risk	Safety	Okaihau Triangle between SH1, SH10 and the Mungamuka's	78%	Inspections for Practical Completion are underway.	Complete all sign installation and road marking work	3	
341 - Low Cost Low Risk	Safety	OPEX including SNP & SPI Project Management	101%			3	Project added to programme November 2020 for delivery through safety team. Updates pending.
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-Ohaewai (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	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	79%	Completed	Complete	3	Costs to be journalled from parent code.
341 - Low Cost Low Risk	Seal Extension - Subsidised	Church Rd RP 13317 - 15017	93%	Final sealing and linemarking completed in April.	DLP walkover	3	
341 - Low Cost Low Risk	Seal Extension - Subsidised	Koropewa Rd RP 15 - 1833	108%	Sealing of site completed in April	DLP walkover	3	
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	

Category	Sub-activity	Location	% Complete	Monthly Update	Next month planned activities	Risk	Risk Comments
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	No progress made	Planning to 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.
Footpath Renewal Unsubsidised	Footpath Renewal	SH12 Opononi	86%	In construction	Complete construction	3	
New Footpaths - Unsubsidised	New Footpath	BOI-Whangaroa Ward: SH11 Kaipatiki Rd to York Rd	51%	Design complete and procurement underway	Procure and start construction.	2	Delivery most likely extend in to 2021-2022
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Kohukohu Road Manning to Marriner	100%	Delays while council resolving resident concerns that halted construction are now resolved.	Recommence construction	2	Delays to resolve resident concerns have increased costs (de/remobilise) and may affect delivery this financial year.
New Footpaths - Unsubsidised	New Footpath	Kaikohe-Hokianga Ward: Placeholder - Community Board to advise	268%			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	North Park Drive - Whangatane Drive, Kaitaia	593%	Complete.	Journal costs>budget to North Park Drive WC341 account	3	
New Footpaths - Unsubsidised	New Footpath	Te Hiku Ward: Foreshore Rd - Tasman Heights to Toilets	116%	Construction commenced Apr 21	Continue construction	2	Emerging risk: Scope increase to include externally funded improvements as directed by council may impact ability to complete works package by end June.
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	Issue PCC and complete required MSQA Documentations	3	
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	16%	Completed	Complete	3	Some costs to be journaled from Parent and Safety account codes to match budget.
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	
Resilience - Unsubsidised	Resilience	Panguru Road	54%	In construction	Design and resource consent for power pole relocation	2	Will not be fully complete project this FY due to dependencies on separate bridge improvement project which is currently being constructed but delayed. Accordingly, safety barrier and pavement tie-in to the bridge is 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	79%	Site complete	Rectification of driveway gradients and completion of post completion snag list close out	3	
Seal Extension - Unsubsidised	Seal Extension	Puketiki Rd RP 0 - 1000	74%	Site complete	Close out completion of minor snag list items.	3	
Seal Extension - Unsubsidised	Seal Extension	Pungaere Road	78%	Sealing of site completed in April	DLP walkover	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)	69%	program 80% complete	complete	3	Nil
Walking Facilities - Unsubsidised	New Footpath	Contingency	99%	Contingency for New Footpaths programme. Cost exceeded budget for Signal Station Road and additional budget was used from Walking Facilities (\$56,273.5 has been paid for additional cost for the Road)	Refer Signal Station Road updates	3	

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



EXECUTIVE SUMMARY

We are nearing the final run to the chequered flag on another financial year. May was busy with over \$2 million spent. The difference with this month compared to April was that it was spread across a lot more sites of smaller value meaning the team was extra busy procuring works, liaising with the public, suppliers, sub-contractors and our teams on the ground. June will be similar with the final push until we reset come first July.

The storm event on 22/23 May thankfully didn't cause any damage to the network apart from coastal debris washing up on the road in Paihia.

Both Pungaere Rd and Koropewa Rd seal extensions are looking fantastic with fresh linemarking and guardrail installed on the latter. Ngapipito Rd was a hive of action with GAP65 subbase placement commencing and culvert installation. This site will continue through the Winter months.

An intersection in Moerewa received some precast traffic islands that took all of 2hrs to install and have even been hit by heavy vehicles since and have not moved. I see more of these being installed in the future based on the feedback from the public so far. Less disruption that's for sure!

We got to try another innovation on a large culvert that was over 4m to the invert on Waimate North Rd. Not only was it deep but also tied into a significant gabion basket retaining wall. A lining was pulled through the pipe and grout was feed via gravity to fill the voids in behind. The cost savings for this approach we believe to be around \$150,000 to \$200,000. See further on for a picture of the lining completed and best of all it only took 4 days in total and not a full road closure for weeks.

Two of our pavement teams have moved from the sealed network onto the unsealed network and completed two of the larger pavement strengthening sites (Orakau Rd and Horeke Rd) with many more sites to come. Jordan Rd is our first site for June.

Both the culvert replacement and footpath teams bounced around the network keeping very busy, the culvert squad have installed 15 lines in May and the footpath crew starting in Omapere then onto Rawene and rounding out the month with some maintenance patches in Kerikeri.

Our routine crews were kept busy and are all on top of their respective fields with the seasons changing. A round of edge break reinstatement commenced in May and will run through June as well.

Of the 204 culverts to flush this year we have had 51% completed in May.

WORK PROGRAMME

A total of 3178 individual work items were completed throughout the month of May which 2128 were routine find and fix issues, 811 were cyclic or part of annual rounds, 208 were programmed works, 14 were renewals/capital projects, and 17 were callouts or emergency response works.

June 2021 forward works programme has been submitted in RAMM.

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in May:

- 123 sealed potholes repaired
- 5902 unsealed potholes repaired
- 257 km of unsealed roads graded equating to 32% of the total unsealed network.



Ngapipito Rd – Bridge Approaches

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in May:

- 275 Culvert ends cleared
- 75m of heavy water tabling
- 84m Culvert pipes replaced/new



Culvert stock at the start of May



*Waimate North Rd – Culvert Lining
(Before and After)*

ROUTINE INSPECTION REPORT

Sealed - There are currently 0 sealed inspections running overdue.

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

Drainage - There are currently 24 drainage inspections running overdue.

Kilometres inspected each week during the month of May by Ventia. Note the values below exclude the sealed inspector's data due to an issue with RAMM, we are presently working with them to resolve in time for next month's report.

	Contractors Monthly Inspections (km)	
	North Area	South Area
Week 1		417.463
Week 2		189.879
Week 3		408.45
Week 4		785.045
Total		1800.847

ORDERED WORKS

386m² of footpath replacement/renewal were completed in May.

In May a large volume of order works were carried out on these roads to name a few, Waikare Rd, Mason Ave, Norfolk Pl, Kerikeri Rd. A snippet of some of these below.

Waikare Rd Preventative Maintenance (Slips) – involving gabion basket installation to restore the width of the road using minimal amounts of funding versus a full slip repair method. This method was applied successfully last year, with minimal changes this year we completed 5 repairs in May. Look for the new sight rail to find the latest improvements.

Making the most of having the asphalt crew in the area in the last week of May - Waimate North Rd slip repair asphaltting was completed followed by Preseal repairs the following night on Kerikeri Rd/Access Rd for next seasons reseals.

Footpath repairs carried out in Omapere/Rawene to start the month with the team heading onto maintenance runs like the below sections near the end of the month.



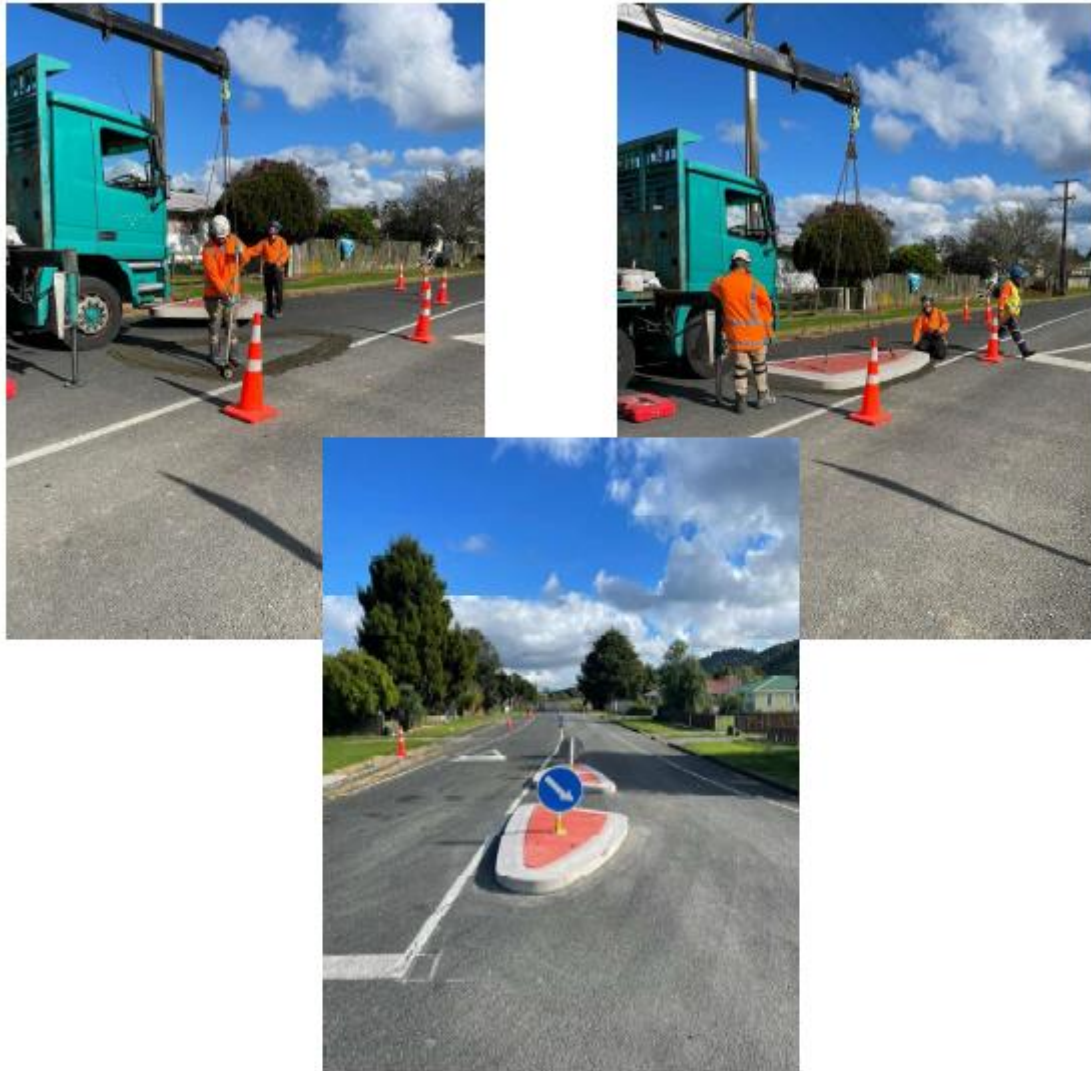
Waikare Rd – Preventative Maintenance (in progress)



Norfolk PI – Footpath Replacement (Before/After)



Hone Heke Rd – Outside Kindergarten



Mason Ave/Wynyard St, Moerewa – Pre cast Island Installation

METALLING TOTALS

923m³ of maintenance metal was applied to the unsealed network.



Whangae Rd – Maintenance Metalling

An extensive heavy metalling programme got under way in May with Horeke Rd and Orakau Rd completed. Both sites were priority sites in need of pavement strengthening before winter sets in. This programme will continue right through June.



Horeke Rd – Heavy Metalling

ROAD FURNITURE ACTIVITY

- 47 new signs installed or replaced (damaged or missing)
- 39 signposts replaced/new
- 25 signs re-re-erected or straightened
- 5 signs/posts cleaned

RESEALS/REMARKING

The remaining asphalt sites were completed in late May on Tau Henare Dr outside the Copthorne Hotel in Waitangi. Works were carried out over two nights and completed with no issues.

PAVEMENT REHABILITATIONS

Seal Extensions

Koropewa Rd

Guardrail installation and linemarking were ticked off the list in May.



Koropewa Rd – Done and dusted

Pungaere Rd – RP8820 - 12410

Site work left to complete includes - Guardrail and signage once confirmed. Box Culvert being installed for cattle underpass in June.

Ngapipito Rd – RP3500 - 8435

Physical Works – Culvert installations, pavement dig outs and pavement GAP65 works carried out in May and

will continue into June.

Target Completion – 15/10/21

Ruapekapeka Rd – RP4500 – 5800

Unsealed GAP65 and GAP40 overlay carried out in May with the Chorus cable crossed over on the last day of the month. This site will continue in September and will be completed in early October.



*Ruapekapeka Rd – Unsealed
Section widening and overlay*

With the 20/21 season coming to a conclusion, we are now starting to work on the 2021/22 Rehab investigations.



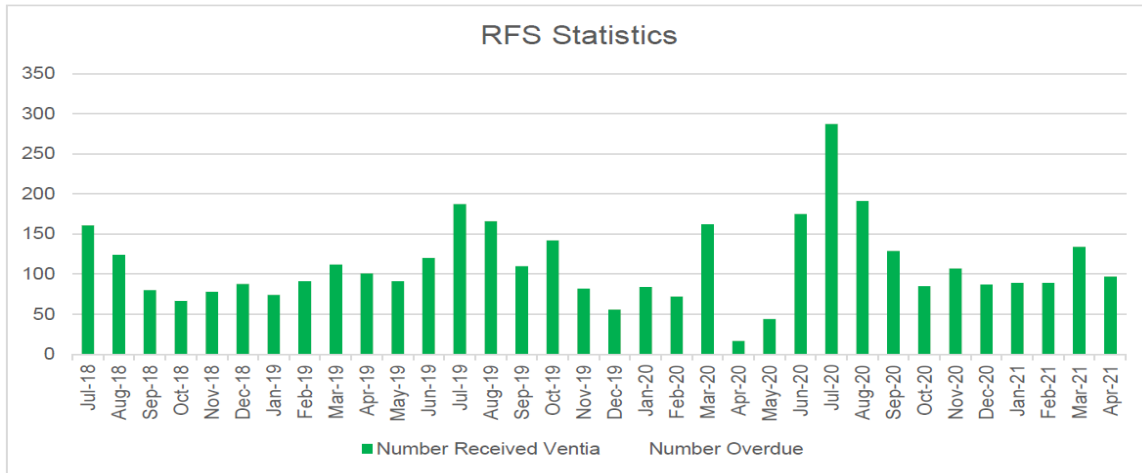
Waikare Rd Rehab – Test Pits

ROAD ACCIDENT REPORT

No road accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for April were available at the time of this report. Ventia received 97 service requests during March and had 0 overdue. The below graph shows the number of RFS' s received by our branch each month during the NTA contract and any overdue.



COMPLIMENTS

We received the following compliments in May

1) Our best/cutest compliment yet from a cool 9 year old on Pungaere Rd. Gaylene is one of the staff members we brought on through the MBIE fund last year and has been a stand out for us along with many others.



2) Subject: Re: RFS 4054897

Hi Cheryl

I just wanted to say thank you to the team that cut the small trees etc down looking left down Valencia Lane. Great job. much better view down the road thank you.

And on the corner looking towards Wiroa Road as you turn into Valencia Lane. Much better thank you.

RAMM ISSUES

No RAMM issues in May.

HEALTH AND SAFETY

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

ENVIRONMENT

In May we had no notifiable incidents to report.

Local Benefits

Ventia places great emphasis on the role that sustainable outcomes play in securing our social license to operate. We understand the importance that FNDC/NTA places in developing opportunities for, and investing in, the Northland community. As a local employer, we too are committed to developing and enhancing community outcomes. Our local labour hire agency partners and sub-contractors have strong links in the local Northland community and actively support recruitment for priority social groups, including those impacted by COVID-19.

As well as our internal recruitment we partner with both Allied Work Force and the Solomon Group. These local entities recruit and provide basic training that feeds into our business. From this we nurture and develop skills to benefit the individual, our workforce, clients and the local community. To date in 2021 we have taken **12 staff members** on permanently through these partnerships and have more in the process.



**KEEPING NZ
WORKING.**

SolomonGROUP

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	21% completed
Biannual sweeping	68% completed – first round
Urban Vegetation Spraying	16% completed – second round
Rural Vegetation Spraying	39% completed – second round

COMMUNITY ENGAGEMENT

Selwyn dropped a sponsored load of aggregate off in Moerewa for them to surface a bus shelter so the kids don't have to stand in the mud.



RESOURCES

David recently took a trip down to Cambridge to check in on our new bitumen sprayer due to arrive in December. While it doesn't look like much yet this is the back section of the sprayer or as we say the brains of the operation. Our old sprayer is over 15 years old and technology has moved on.





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



REHABS

Project	Completed this month	Programmed next month
Pawarenga Rd Rehabilitation 2020-21	Metal run into half height on final section	Install permanent signage for winter.
West Coast Rd Flood Mitigation 2019-20	Section C sealed and line marked	Complete
Church Rd Seal Extension 2020 – 21	Final tidy up.	Awaiting post construction safety audit recommendation for guardrail.
Peria Rd Seal Extension 2020-21	Section 5 overlay completed to half height. Section 5 rockwalls.	Section 5 rockwalls. Install permanent signage for winter.
Pavement Rehabilitations 2021-22	Site walkovers completed. Pavement investigations completed.	Enabling works to be priced. Commence designs.
Seal Extensions 2021-22		Programme required ASAP so that pavement investigations can commence.

West Coast Rd Flood Mitigation



Figure 1: West Coast Rd Section C Seal Complete



Figure 2: West Coast Rd Section C Seal Complete



Figure 3: West Coast Rd Section C Seal Complete

Peria Road Seal Extension



Figure 4: Section 5 Pavement Undercut



Figure 5: Section 5 Pavement Undercut



Figure 6: Section 5 Rock wall construction



Figure 7: Section 5 Tip site fencing



Figure 8: Section 5 Corner widening



Figure 9: Section 5 Rock wall construction



Figure 10: Section 5 Rock wall construction

MAINTENANCE SUMMARY

Unsealed Maintenance

- Grading 201km
- Potholes 986ea
- Maintenance Metal 2,710m³
- Heavy Metal Overlay 2,237 m³
- Envelope Mowing 6.4 km

Sealed Maintenance

- Potholes 99ea
- Edge break 5m
- Berm mowing 95km

Drainage

- Routine Maintenance 4 ea
- Heavy water tabling 10.3km



Figure 11: Maintenance Grading Completed May 2021

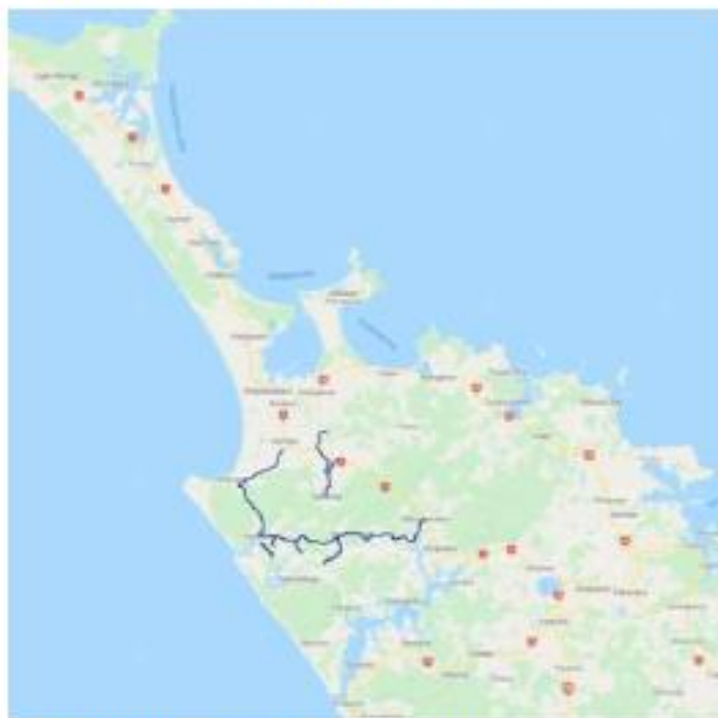


Figure 12: Routine Mowing Completed May 2021



Figure 13: Routine Potholes Completed May 2021

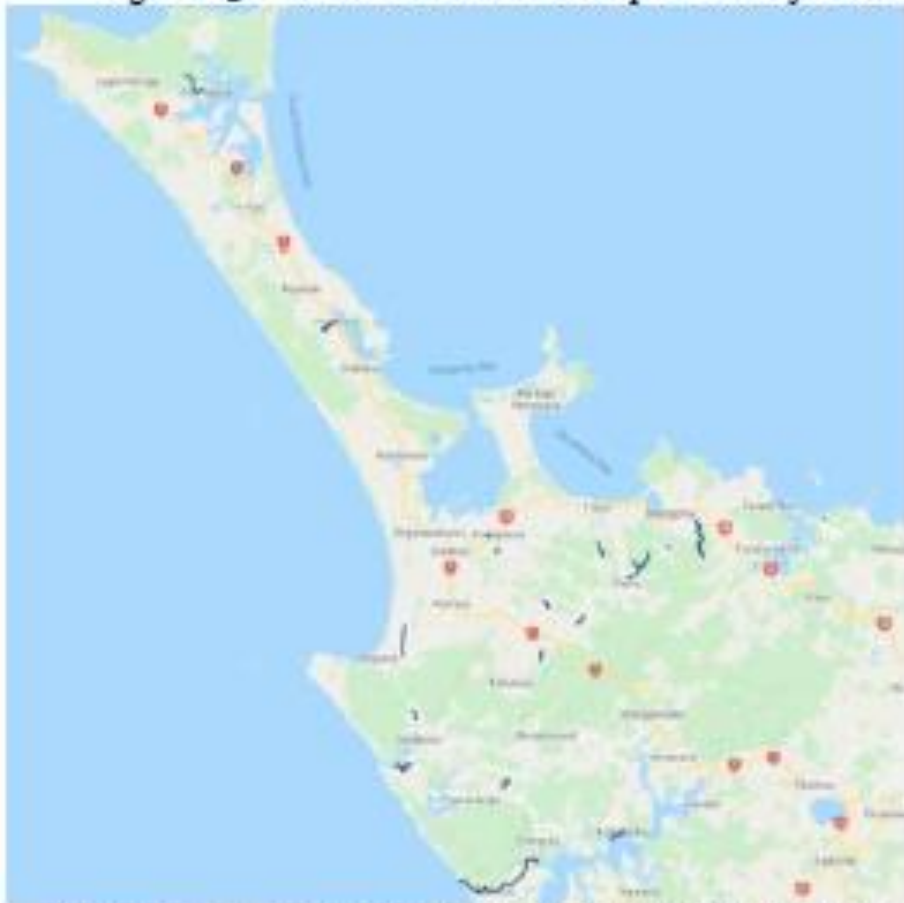


Figure 14: Maintenance Metal + Heavy Metal May 2021



Figure 15: Te Hapua Rd Heavy Metal Overlay



Figure 16: Te Hapua Rd Heavy Metal Overlay



Figure 17: Spirits Bay Rd Heavy Metal Overlay



Figure 18: Spirits Bay Rd Heavy Metal Overlay



Figure 19: Spirits Bay Rd Heavy Metal Overlay



Figure 20: Brass Road Heavy Metal Overlay



Figure 21: Brass Road Heavy Metal Overlay

HEALTH & SAFETY

No injuries this month.

Type	# during period	# to date	Days since last incident
Lost time injury (LTI)	0	2	262
Medical Treatment Case (MTC)	0	0	1069
First Aid Injury (FAI)	0	0	1069

QUALITY AND TRAINING

Environmental non-compliance notices issued

- Nil non-compliances to report.

Notice to Contractor issued

- NTC 73 NCN for Roadmarking at Kaka St
- NTC 74 Variation for Powell Rd works
- NTC 75 Unsealed Pavement Activity Scope and Basis of Payment

Training

- Inductions for Subcontractors
- Living Safely Frontline Leaders
- Envirowise & Spill Response

RAMM Issue for the month

- Nil

RFS Report

- Not received from Council

FEEDBACK

31 May 2021- Location: Henderson Bay Road

Hi, just wanted to say how good the road is now. Best I've seen it in the 20 years I've been here. Great job – you people know what you're doing! Cheers.

JUNE PROGRAMME

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

Ordered works activities include the following:

- Heavy metal overlays - Spirits Bay Rd, Brass Rd and Heath Rd.
- Watertabling Maintenance – Otangaroa Rd and Iwitaua Rd.
- Pre-reseal Watertabling – Oruru Rd, Roma Rd and Kaitaia Awaroa Rd.

Peria Road Seal Extension – Rock wall construction in Section 5 to be completed, then the site will be left over winter.

Pawarenga Road Pavement Rehabilitation – Install signage for site to be left over winter.



**WAKA KOTAHI NZ
TRANSPORT
AGENCY -
NORTHLAND
ACTIVITY UPDATE**



Activity	2018-21 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	\$75.40M	100%	Green	Waka Kotahi has completed the works deferred due to COVID19. Our finalised programme is 110 lane km's and to date we have completed 112 km. Rehab and SCRIM sites completed.
Low Cost / Low Risk	\$5.3M	95%	Green	<p>Far North District Council Projects</p> <p>Resilience projects: SH1 Otiria Flood Mitigation physical works - completed; SH10 Bush Point works completed.</p> <p>Walking and Cycling Projects: SH11 Haruru Falls Design – Final design completed, and contractor confirmed.</p> <p>Mountain Rd to Te Hana shoulder widening – Work is tracking well and will be completed by end of June, weather permitting.</p> <p>SH12 Omapere to Opononi 3km – Following review, Waka Kotahi require to have a detailed design which will cover drainage, stormwater through this township.</p> <p>SH1 Kawakawa Ped Crossing – A preliminary design has been completed for a raised platform and we are working with FNDC Innovative Streets Project team.</p> <p>Kaipara District Council Projects</p> <p>Resilience: SH12 Oparakau Slip – Building 2 small retaining walls. One wall is completed, and the second wall is at foundation stage. Pavement to be completed after the retaining walls.</p> <p>Other</p> <p>Four projects are to be delivered this financial year with signage targeting safety on SH15, SH11, SH10 and SH1 Cape Reinga. SH15 Physical work to be completed now.</p> <p>Mangamuka Gorge: Work is nearing completion, but the Gorge remains closed (due to slips from the July 2020 storm). Final drainage, pavement works and last minor slip works almost completed. Gorge opened for light vehicles on Queens Birthday weekend and project completion scheduled for end of June, weather permitting.</p> <p>SH1 Mangamuka Gorge NZ Transport Agency</p>
SH1: Dome Valley Safety Improvements	\$31.7M	Late-2021	Green	Work continues in stages 3 and 5, either side of the Dome peak. This work is planned to be complete late 2021. SH1 Dome Valley NZ Transport Agency
Northland speed review		2021	Green	Waka Kotahi is continuing its review of speeds in Northland, and is currently in the engagement phase of its review of nine corridors across Northland. From 3 May – 14 June Waka Kotahi is actively seeking feedback from local Northland communities to help inform this review. SH10 Awanui to Kaingaroa speed review – Waka Kotahi is finalising the technical aspects of this review, including safety improvements at the Kareponia marae and Mahimaru marae, to help inform its final decision on the proposed speed limits. Speed Review Locations NZ Transport Agency
SH1 Whangārei to Te Hana - Whangārei to Port Marsden Highway - NZ Upgrade Programme - Port Marsden Highway to Te Hana		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. 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. Whangareii to Te Hana NZ Transport Agency Whangareii to Port Marsden Highway

Activity	2018-21 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 (rumble strips etc) will commence from mid-2021, with main construction expected to commence mid-2022 (subject to funding and approvals). SH1 Whangarei to Wellsford NZ Transport Agency
SH1 Warkworth to Wellsford		Route protection	Green	On 25 March Auckland Council granted resource consents, subject to conditions, for the Warkworth to Wellsford project. Council has also recommended Waka Kotahi confirm the Warkworth to Wellsford Notice of Requirement (NoR) which will complete the route protection phase for this project and provide long term certainty to the adjacent communities. The appeal period for the NoR decision closes on 18 June. Waka Kotahi does not anticipate any works on the corridor commencing this decade. The finalisation of the NoR decision and appeal time frames will potentially extend through to June 2021. SH1 Warkworth to Wellsford
SH1 Loop Road Safety improvements	\$48.76M	Early 2022	Amber	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
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 June 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. Construction of retaining wall making good progress, with manufacture of carved panels underway. Other cultural design elements (pou, kōhatu) have been planned with local iwi. Project to be completed late June 2021.
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	\$15M	Mid 2021	Green	Roundabout now operating. Asphaltting has been completed. We are working with local hapū on creating cultural design elements. Construction scheduled for completion for June 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

- During the month of May, Far North Waters experienced no LTIs or MTIs, and is currently operating with 1,342 days LTI free.
- 402 requests for service (RFS) call outs in May, down from 414 in April and 427 in March.
- On the 25 May, Ventia EGM Water, Jeff Bretz visited our FNW Office in Kaikohe and some Treatment Plants in the Far North (Kerikeri WWTP and WTP, Kaitaia WTP). Jeff attended the reticulation team toolbox and met with Alliance Senior staff and the ALT.



OPERATIONS & MAINTENANCE – WATER, STORMWATER AND WASTEWATER RETICULATION

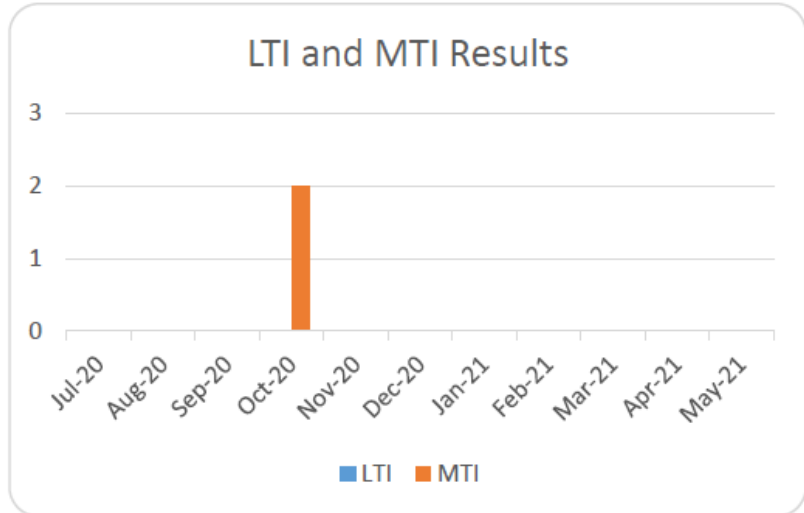
- Puckey Avenue – Kaitaia: (12 May) Wastewater intrusion in a stormwater line was confirmed by samples. NRC was advised. A CCTV camera was used in the storm water line and the closest wastewater line then significant repairs were commenced. Dye & Sample Testing was done 21 May, then cleaning with a sucker truck for few days. Repairs were completed on the 2 June.
- Sweetwater: (14 May) remaining equipment from the 2020 drought relief works at Sweetwater were removed
- Commerce Street (Kaitaia) water breakage (24 May). Due to the location of a leak in the middle of the main street, a temporary line was installed to supply businesses until repairs could be made during the night on 25 May.
- Hall Road (Kerikeri) – Two new connections on Kerikeri Road were completed overnight on 27 May, for a large development. To complete the connections, Kerikeri WTP was shut down for 4 hours during the night and water supplied by Waipapa reservoir at a low pressure.
- Roding contractor (Far North Roding) was reported (via RFS on 27 May) as taking water from the watermain on Rawene Rd. FNDC was informed. This taking of water appears to not have gone through appropriate FNDC approval channels.

WATER & WASTEWATER TREATMENT

- Monument Hill, Kaikohe – On the 16 May, bore #2 pump (21 m³/hr) failed leaving Monument hill (and thus Kaikohe Treatment Plant) with only a 9.5 m³/hr bore pump, which is not enough for the 1,250 m³ reservoirs. Pump #2 was removed on 28 May and replaced on 2 June. Water tankers were used to refill the reservoirs and to maintain a minimum water level in accordance with the DWS until the plant is back to normal.
- Taraire Hill, Kaikohe – On the 28 May, a large water leak on the raw water line from the stream to the plant was located and then repaired, however the reservoirs dropped off very quickly before the repair was made.

HEALTH AND SAFETY

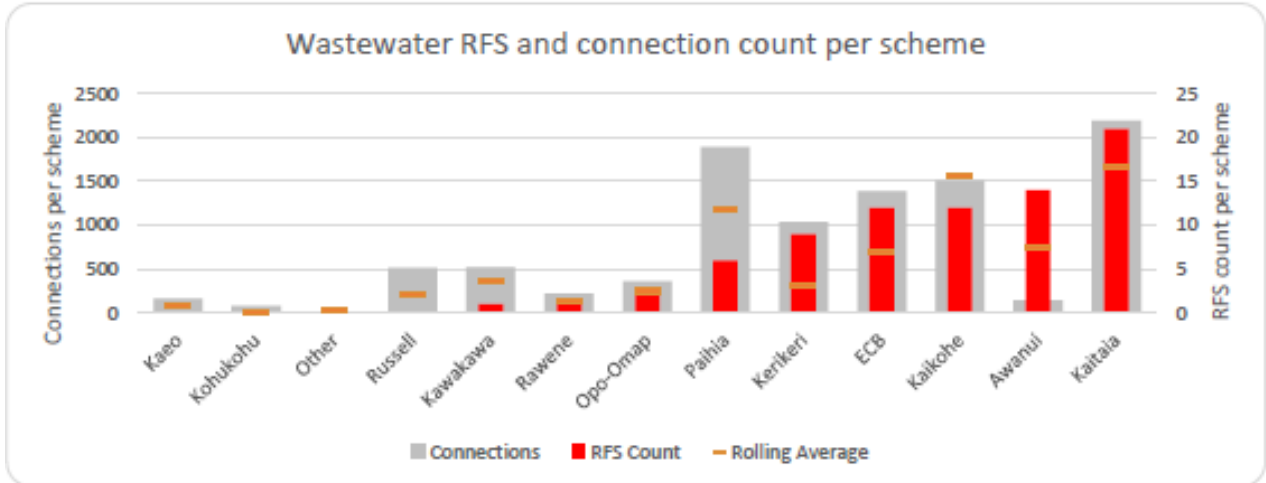
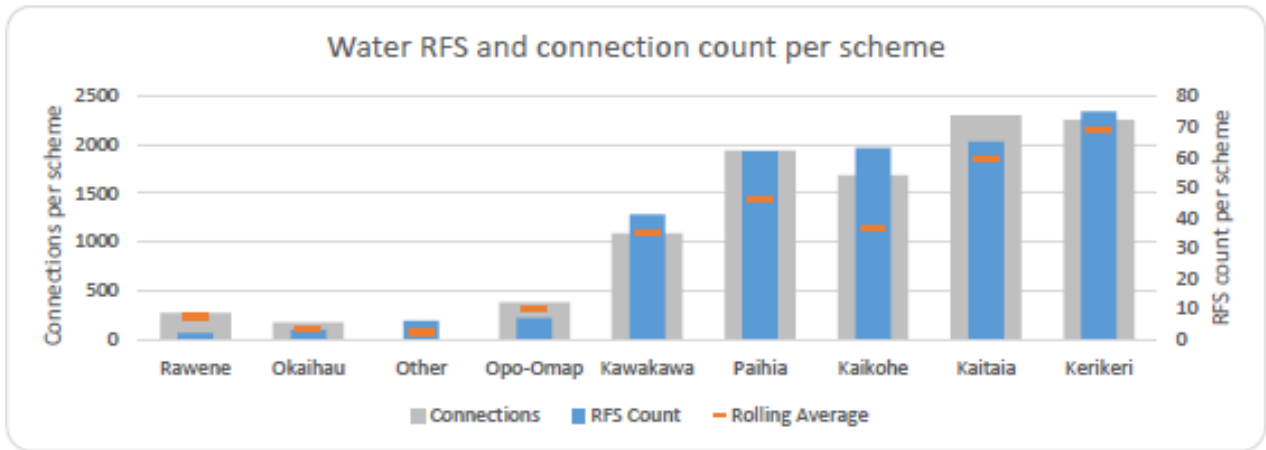
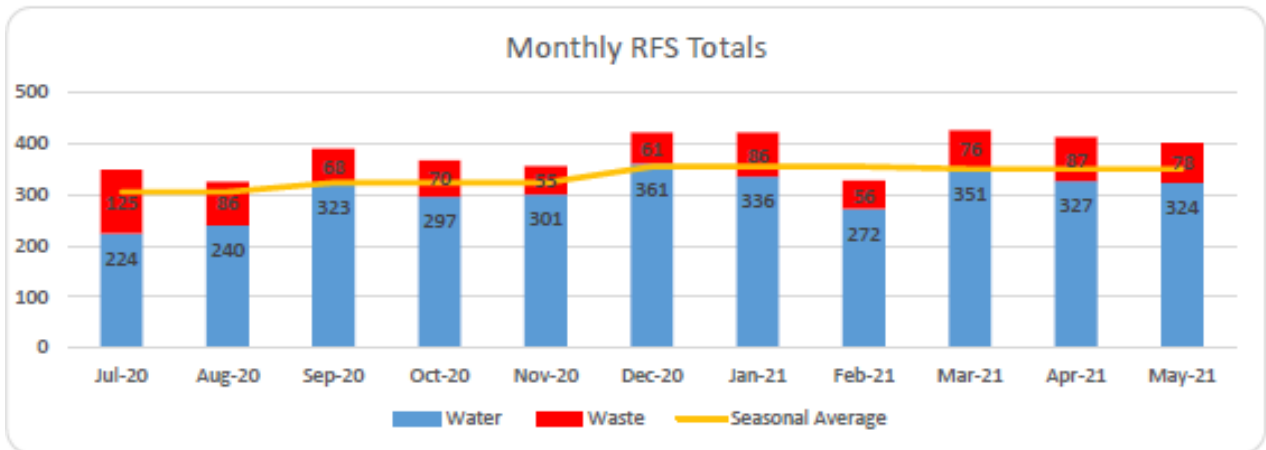
- Risks and Opportunities
 - Opportunity - Rollout of harmonised CRPs
 - Risk - Mobile plant and vehicles VOC's - Ongoing
 - Opportunity - Electrical cabinets - Pumps stations in a maintenance program
- Key Activities:
 - HSE Field staff meeting scheduled 10th May
 - Regional HSE meeting scheduled 29th May
 - Hep A&B vaccination program (blood tests - Ongoing)



Incident ID	Incident Date	Incident Type	Severity	Description
BRS-INC189627	24/May/2021	Motor Vehicle	Moderate 6	The FNW vehicle was parked on the roadside. When leaving the parked position, the intention was to perform a 3-point turn. The FNW vehicle indicated with the right indicator and waited for an oncoming vehicle and white vehicle approaching from the rear to pass. The FNW driver did not notice a dark green vehicle following the white vehicle and collided with it. The collision caused damaged to the front right corner of the FNW vehicle and to the front left fender, passenger's door, and rear door. No one was unhurt.

CUSTOMERS

The request for service (RFS) total for May 402, down from 414 in April. This includes 118 RFS for the North region, and 284 for the South region. The total for May 2020 was 368, and May 2019 was 345.



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

FAR NORTH WATERS CALLING CARD

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

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

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

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

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

Far North District Council

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

FAR NORTH WATERS

Kia Ora,

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

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

Kind Regards,
3 Waters Alliance Team,
Far North Waters and FNDC

Date: Time:

Water Wastewater Storm water

RFS number (if applicable):

Permanently fixed

Temporary fixed - we will return on:

Private issue - contact your local plumber

Issue referred for further investigation

Comments:

.....

.....

.....

DIA REPORT

DIA REPORT	
Sewerage Overflows Attend / Resolve KPI DIA/LTP/Alliance	Water Urgent Attend/Resolve KPI DIA/LTP/Alliance
Total Sewerage Overflow Submissions	"Water-Urgent" Submissions
10	4
Median Attend Time (Hours) DIA 6 (22a) LTP 3.1.3 TARGET <= 2hrs	Median Attend Time (Hours) DIA 3a (30a) LTP 2.1.3 Target <= 2hrs
5.33	0.91
Median Resolve Time (Hours) DIA 7 (22b) LTP 3.1.3 TARGET <= 4hrs	Median Resolve Time (Hours) DIA 3b (30b) LTP 2.1.3 Target <= 4hrs
12.4	9.15
Sewerage Overflows Attend / Resolve KPI % LTP/Alliance	
Attend KPI Met (%) LTP 3.1.5 Target >= 95%	
20	
Resolve KPI Met (%) LTP 3.1.5 Target >= 95%	
20	
Sewerage Non-Urgent Attend/Resolve KPI Alliance	Water Non-Urgent Attend/Resolve KPI DIA/LTP/Alliance
Total "Sewer Non-Urgent" Submissions	"Water Non-Urgent" Submissions
6	94
Sewer Non-Urgent Median Attend Time (Hours) Target <= 24hrs	Median Attend Time (Hours) DIA 3c (30c) LTP 2.1.3 Target <= 48hrs
2.76	18.7
Sewer Non-Urgent Median Resolve Time (Hours) Target <= 48hrs	Median Resolve Time (Hours) DIA 3d (30d) LTP 2.1.3 Target <= 72hrs
19.33	19.38
Dry Weather Overflows per 1000 Connections DIA/LTP/Alliance	Water Other - Water Connections Alliance
No of Dry Weather Overflows	"Water Other" Submission Connections Only
0	0
Dry Weather Overflows per 1000 Connections DIA a (20) LTP 3.1.1 Target <= 12/annum	Water Other Resolve Time (Hours) Connections Only Target <= 24hrs
0	0
Sewerage Customer Satisfaction KPI DIA/LTP/Alliance	Water Customer Satisfaction (Quality/Continuity of Supply) DIA/LTP
No of Sewerage Faults/Complaints	Water Quality/Continuity Faults
21	17
Complaints per 1000 Connections DIA 8 (23) LTP 3.1.4 Target <= 150/annum	Total Water Quality Faults per 1000 DIA 4 LTP 2.1.4 Target <=100/annum
1.81	1.67
RFs Processed in Periods Selected in Dashboard Filter (May 2021)	
279	

PROJECTS

- The current focus is to continue to complete the work in hand by the end of June 2021, including stormwater work.
- A program has been developed for the 2020-2021 schedule of work with a value of \$2,219,516.00. Other work will be required to meet targets.
- Stormwater work continues with audits starting for valves and bridges
- Pricing has been submitted for the changes to the Kaitaia Plant in preparation of the new waterline from the new Sweetwater Bore.
- Approval for work to get Plant compliant is still an issue.

Current focus:

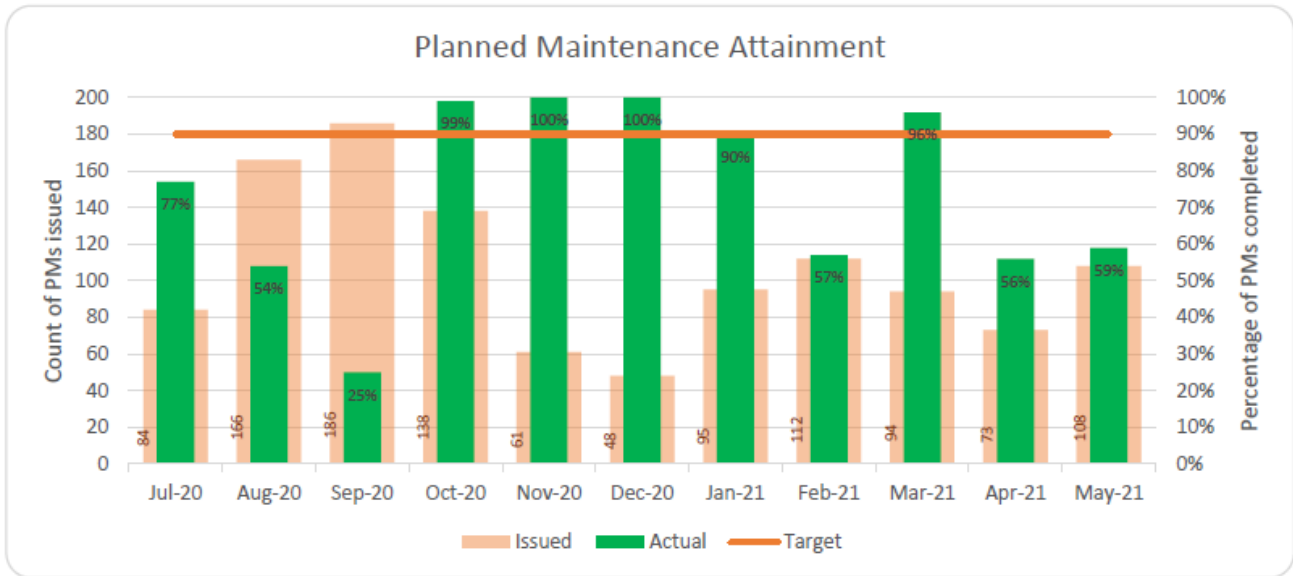
- Kaitaia Te Maire Avenue – nearing completion, ‘As Builts’ and asset data still to be completed. Reviewing financials regarding cost overrun
- Pump station upgrades – four remaining pump stations to be upgraded
- Kaitaia Water Treatment Plant – pricing has been submitted to accommodate the new Sweetwater pipeline
- Kawakawa Creek repairs – well underway with completion expected mid of June
- Kaitaia Zonal Meters – completion expected within the next 3 weeks
- Valve Inspections – pricing submitted for a further 640 valves
- Kaitaia Compliance issues – tank build currently underway
- Ahipara pump station upgrade – completion expected mid of June.







ASSETS

- The information in the Planned Maintenance Attainment table below is based on paperwork received back from the field, showing PMs to be closed off. It is expected that the percentage of completed jobs will significantly improve in the next week or so as paperwork is returned.
- 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 completeness.

- Preliminary assessment of Taumata Arowai requirements and the potential impact this will have on equipment and resource needs has been started. This is indicating that there is a significant gap between current and future abilities to meet compliance requirements



COMPLIANCE

Sites	Asset Group	April Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Ahipara				●	Condition 10 - Faecal Coliforms Condition 2	<ul style="list-style-type: none"> • An analysis and recommendation report of the inter stage testing has been commissioned and sent to NRC for analysis and comment. Awaiting response.
Kaikohē				●	Condition 7(h) - E.coli	
Opononi				●	Condition 19 - TAN, E.Coli	<ul style="list-style-type: none"> • An issues and options report is being commissioned by FNW Process Engineer and will be sent to NRC upon completion. • DWF Status: Compliant
Russell				●	Condition 9 – infiltration efficiency report	<ul style="list-style-type: none"> • Infiltration efficiency and land stability reports commissioned and will be sent to NRC upon completion.

Sites	Asset Group	April Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	

Condition 8 – land instability

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