



Far North
District Council



Infrastructure and Asset Management

Monthly Business Report

JULY 2020

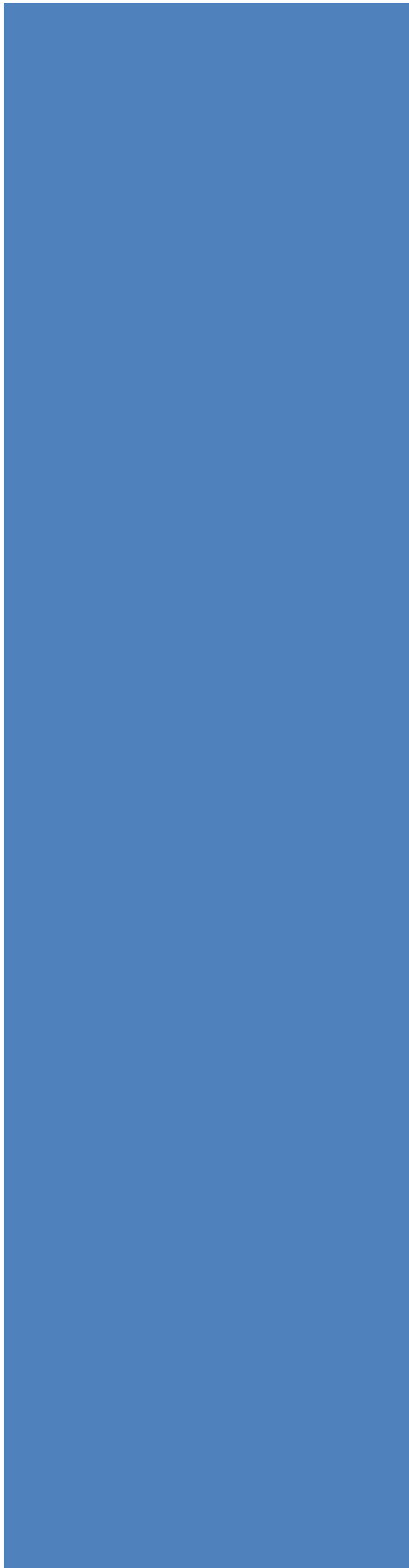
HE ARA TĀMATA
CREATING GREAT PLACES
Supporting our people

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SUCCESSSES



Great job Roding Team!

Sent: Tuesday, 28 July 2020 3:57 PM

To: Tania

Subject: RE: Upper Pungaere Sealing - TIF

Thanks Tania – Aram has forwarded some timeline info. So I have let the neighbours know – we are very excited to see this happening at long last 😊

Sent: Tuesday, 28 July 2020 3:33 pm

To: Roding

Subject: RE: - Upper Pungaere Sealing - TIF

Fabulous Aram – I know you have been speaking with Keith (my husband) about the underpass – I will let the other residents know about these timelines – with many thanks Megan

And great job Fulton Hogan!

Feedback

30 July 2020 – RFS: 40*****

Hi, the slip on Shepperd Road was cleared today, we are so grateful for the quick response also we were very impressed with the Lily Digger team they done a fantastic job. Have a great week, we certainly will be now the roads have been cleared. Kind regards



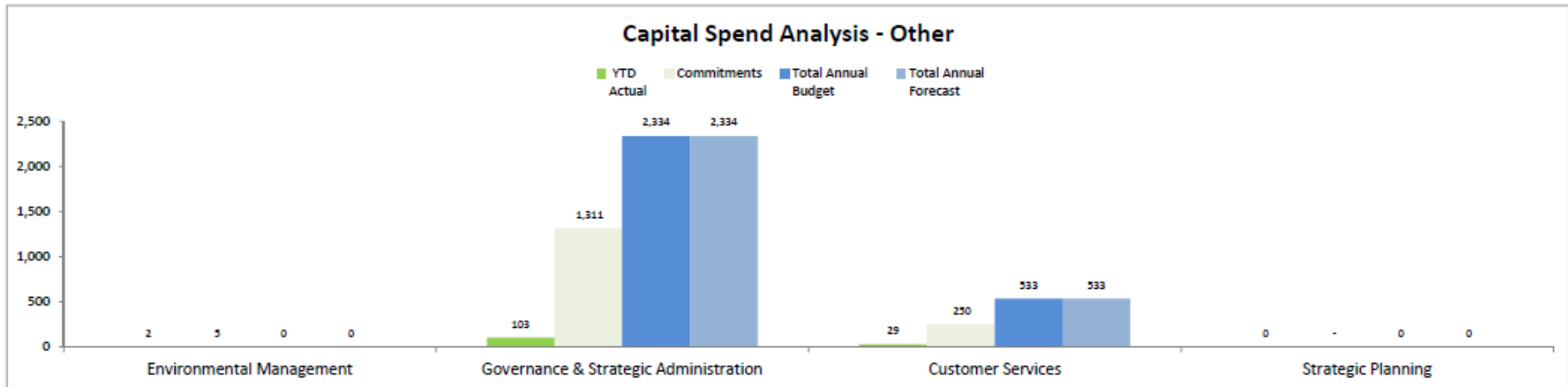
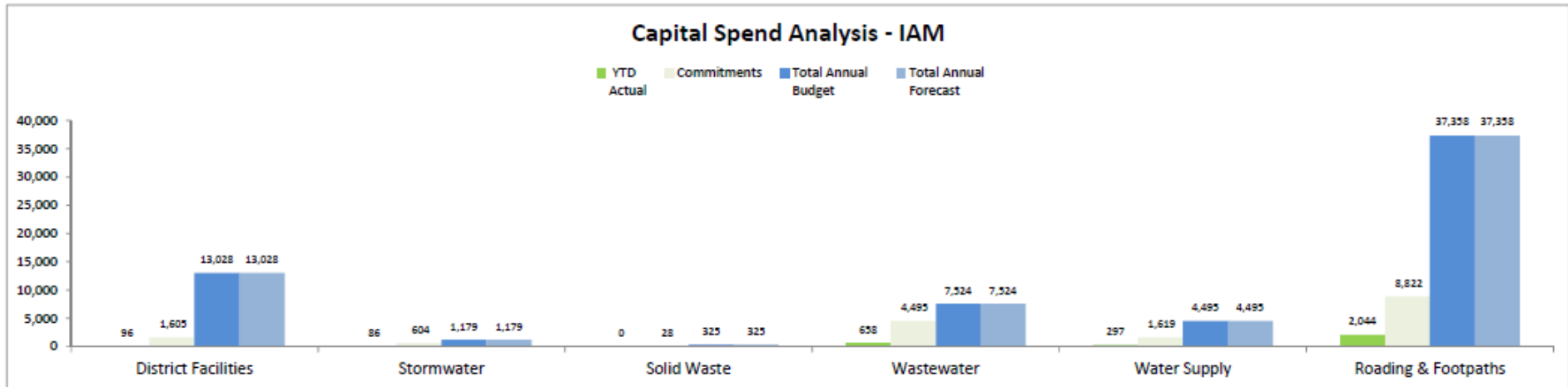
**CAPITAL
SPEND
ANALYSIS**



Capital Spend Analysis

as at 31-Jul-2020

LTP Group	YTD (\$000's)		Full Year (\$000's)					
	YTD Actual	Commitments	Total Annual Budget	Actual vs Budget %	Total Annual Forecast	Actual vs Forecast %	Forecast vs Budget %	Forecast vs Budget Variance
District Facilities	96	1,605	13,028	0.7%	13,028	0.7%	100%	0
Wastewater	658	4,495	7,524	8.7%	7,524	8.7%	100%	0
Water Supply	297	1,619	4,495	6.6%	4,495	6.6%	100%	0
Project Delivery Team Subtotal	1,051	7,719	25,047	4.2%	25,047	4.2%	100%	-
Stormwater	86	604	1,179	7.3%	1,179	7.3%	100%	0
Solid Waste	0	28	325	0.0%	325	0.0%	100%	0
Roading & Footpaths	2,044	8,822	37,358	5.5%	37,358	5.5%	100%	0
IAM Total	3,181	17,173	63,909	5.0%	63,909	5.0%	100%	0
Environmental Management	2	5	0	0.0%	0	0.0%	0%	0
Governance & Strategic Administratic	103	1,311	2,334	4.4%	2,334	4.4%	100%	0
Customer Services	29	250	533	5.5%	533	5.5%	100%	0
Strategic Planning	0	-	0	0.0%	0	0.0%	0%	0
Other Total	134	1,566	2,867	4.7%	2,867	4.7%	100%	0
Total	3,315	18,739	66,777	5.0%	66,777	5.0%	100%	0



ROADING

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

EXECUTIVE SUMMARY

Excellent organisational progress has been made within the NTA over the last 12 months, successfully recruiting all the original 19 vacant positions and beginning the process of embedding functional work structures, with the final role (FNDC employed Project Manager) to commence on 10th August 2020.

The Asset Management and Strategy team continue make good progress on the development of the Regional AMP and are on track for the initial draft submission to NZTA by 30th August. In conjunction with this, work is being undertaken to support the development of the Regional Land Transport Plan (RLTP), Regional Public Transport Plan (RPTP) and contributing to respective Council Long Term Plans (LTPs).

The final quarter of the financial year saw a continuation of the impacts of Covid-19 and subsequent lockdowns, however pleasingly the move to level 2, and subsequently level 1, enabled a significant amount of physical works to be completed. The overall impact of the lockdown restrictions is evidenced in the high volume of Capital Works carry forwards. This work has been incorporated into the 2020/21 programmes, noting that most of the delayed projects are construction ready and will commence as soon as weather conditions allow. The delivery of this large 2020/21 programme, combined with continuing announcements of further Central Government projects, contains a level of risk and it is critical that there is a coordinated delivery approach across the district and region.

Maintenance and Operations continue to see performance improvements from the maintenance contractors, with both of FNDC's Contractors now consistently meeting 90% compliance.

The extreme rainfall event of Friday July 17th, combined with some smaller storm events either side of this, has caused significant damage to the transport network across the district and region. Following an excellent response and restoration effort by staff and contractors the associated repair work is anticipated to take several months.

NZTA BUSINESS CASE PROGRESS

In accordance with Council resolution in late 2019 NZTA Business Cases for priority sections of Koropewa and Church Roads have been reviewed and approved by the NZTA. Field investigation has been completed with materials testing underway to inform pavement design decisions. Remaining action items are:

Site surveys (underway) and pavement design overlays for quantities and pricing by Maintenance and Renewals Contractors, based on accepted competitive tendered rates

Construction programs to be aligned with sufficient resources to complete works

Issue of NTCs accepting price and timelines for completion before 30 April 2021.

GM IAMs has requested a workshop presentation to the Infrastructure Committee outlining how Church Road got into the programme (i.e. the 2019 Resolution), the challenges with traffic count data, and how revised traffic count impacts the NZTA Circular 16/04 assessment criteria and the FNDC Dust Matrix scores.

2021/24 AMP DEVELOPMENT PROGRESS

Work continues progressing the programme to complete and submit the first draft of a single Northland AMP document to NZTA as required by end of August 2020, with the final AMP document expected to be submitted by December 2020. The single AMP document is a strategic Business Case required by NZTA as part of the funding application for each Council. The AMP document is made up of a single Programme Business Case (defining the Problem), and the Detailed Business Case (specific funding requests for each Council's requested programme of works for 2021-24). NZTA will review the Draft AMP document and the financial requests from each Council via a moderation process between September and December 2020.

The current status of the development of this single AMP for Northland, has an overall progress against programme at 78% for the end of June 2020 (vs. 71% at end March 2020) – refer to Dashboard within Appendix 3 of this report for further detail. The target for 100% completion of the final approved AMP document is December 2020.

CENTRAL GOVERNMENT POLICY SUBMISSIONS

There were no Central Government submissions in the past month.

FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

The NTA Capital Works team provide the District Council General Managers with a monthly progress report on the agreed current year Capital Projects programme. The report is specific to NTA Capital and Procurement team delivery of the Business as Usual (BAU) programme and excludes capital expenditure delivered by other departments or external organisations.

Construction projects that commenced in or were carried over from 2019/20 are continuing and expected to be completed early in the coming summer construction season. Design and procurement activities are progressing well on the 2020/21 programme with some construction projects starting in July 2020. A small number of projects are identified as being at high risk of non-delivery, and we are endeavouring to resolve where practicable. Each individual project and remaining budgeted funds are assessed for associated delivery risks which are updated in the GM Monthly report and discussed at the monthly FNDC/NTA Operational Management meeting. This monthly meeting is a new initiative implemented for this financial year to improved transparency of the programme progress and risk status.

In addition to the Capital Works Projects, a full Maintenance Heavy Metalting programme has been developed with each of the two Maintenance Contractors detailing both the scope of works (the sites, selected on known condition and defect data) and the scheduled completion months. This schedule will be monitored and reported against internally to ensure both the works completion remains on track and the associated spend is

provided the desired improvement outcomes.

FNDC TRANSPORT FUNDING OPPORTUNITIES / SUBMISSIONS

Work related to additional funding received continued in July, with further funding opportunities of FNDC Transportation projects confirmed during the month.

Approved in progress additional funding work

- **MPI/NRC Wilding Pine removal pilot programme (\$100k)**

The remaining trailing work associated with this program was completed in June.

- **MBIE Labour Intensive programme (\$2.2M)**

The Parks components of FNDC's work successfully commenced in June with Recreational Services (RSL) acting as the primary contractor and to date have employed two ex. MSD clients to work on the project of pest plant removal. It has been discussed that between FNDC and RSL up to 8 people will be considered for employment, if possible and that the end of this particular project will be fully completed by 18 December 2020.

A small component of the roading components of this work commenced, with three ex. MSD clients engaged to date on tree clearance work. Commencement of the remaining roading related tasks has been deferred to mid-August due to staff and crews being prioritised to work on storm related response and repairs.

Great progress is being made across the region towards achievement of the Social procurement targets, with a total of 74 workers engaged on the programme across the region, 46 of which were previously unemployed. To date approximately \$1.9M of the works has been awarded to Maori/Pasifika and/or local Northland businesses.

- **FNDC Strategic Roads Upgrades (\$20.7M)**

In May of 2020 FNDC applied to MBIE for funding to undertake works on strategic roads in the Far North District. On 17 June 2020 a letter was received from MBIE confirming that the full value of the FNDC application had been reviewed and approved for \$20.7 million.

Preliminary investigation and design work is underway on the following sub-projects:

- Peria Road, including Fairburn Road and Oruru Road
- Ngapipito Road
- Ruapekapeka Road

NTA STAFFING AND RECRUITMENT UPDATE

The remaining Whangarei based FNDC/NTA Project Manager role has been filled by an external candidate (Peter Phung) starting on 10th August 2020.

NTA UPDATE - 2019/20 - ROADING CAPITAL PROGRAMME - FNDC PROGRAMME – PROJECTS AT RISK

Each month, the NTA Capital Works team provide the District Council General Managers with a progress update on the agreed Capital Projects Forward Works Plan (FWP), including highlighting any delivery or budget risks. This paper provides a summary of "at risks" projects as reported for the period. (Note - for FNDC the information provided within this report also incorporates further updates contained within the "FNDC Proposed Programme Reprioritisation" memo from Jon Wyeth to Glenn Rainham dated 29th November 2019)

Where risks eventuate and the result is a recommendation for either deferring (carry forward) or replacement with alternate project, associated papers will be provided to General Managers for Council reporting and/or decisions.

This report covers named projects reported through the FWP and excludes CAPEX bulk maintenance budgets (i.e. Drainage Works, Heavy Metaling programme etc.) delivered by the Maintenance teams through the MO & R Contracts (Note – expenditure of these items is presently on track across all three Districts)

Resilience Slips (Low Cost Low Risk), Minor Events and Emergency Slips:

- Kaitaia Awaroa 26991 – Site work completed
- West Coat Rd RP 16005 – Work underway
- West Coast Rd RP 9563, Fairburn Rd RP9588, & Diggers Valley Rd RP12722 - Waiting approval to Supplier Recommendation Report.
- Wharekawa Rd RP3552 & 3663 – Work underway
- Waikare Road – Work in progress
- Wainui Road – now in 20/21 Programme

Panguru Flood Mitigation (Low Cost Low Risk): Design work Completed. Additional budget required approved by Council. Delivery programme finalised. Construction and Earthworks started 25th May 2020. Top Energy pole relocation and Chorus services have been relocated. All vegetation and clearing of drains completed. Drainage installation is scheduled for August. Overall project delivery on schedule.

Minor Safety Improvements (Low Cost Low Risk): Procurement for physical work for the following Route Treatment safety improvement works (various treatments) completed: Physical works commenced mid-June 2020.

- Kaitaia-Awaroa Road – 65% Complete
- Te Ahu Ahu and Old Bay Roads – 90% Complete
- Wiroa Road, Waiare Road, Wehirua Road and Kerikeri Road – 90% Complete
- Oruru Road, Fairburn Road and Peria Road – All materials delivered, and work scheduled to start in August
- Matauri Bay and Loop Roads – All materials delivered, and work scheduled to start in August.

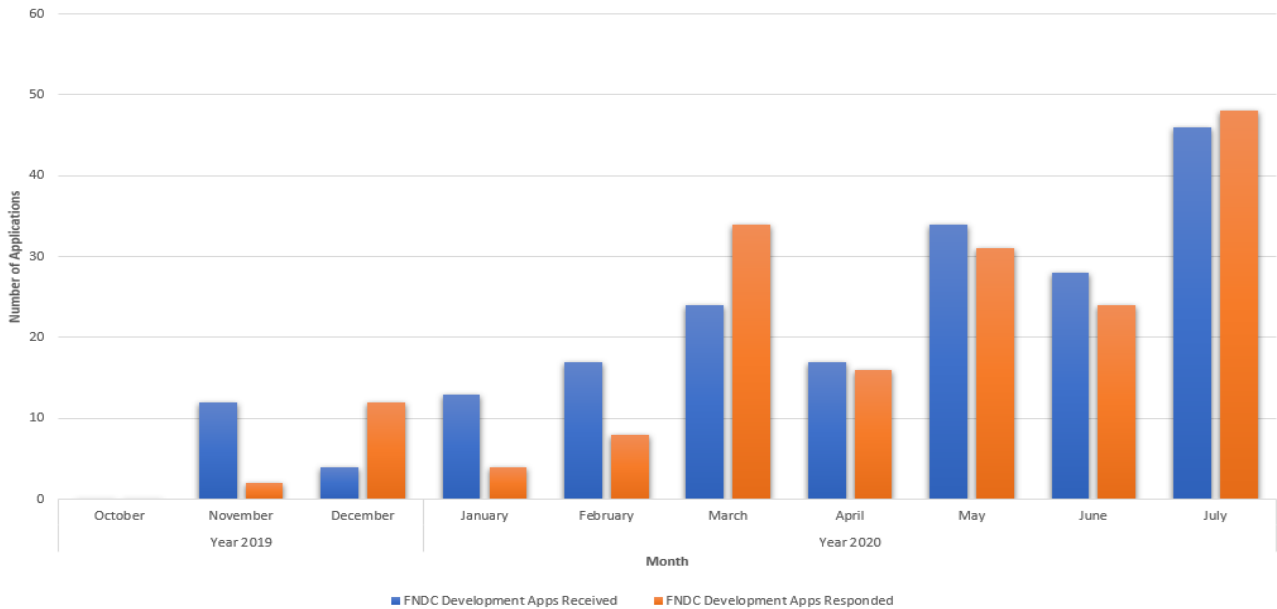
ROAD SAFETY AND TRAFFIC PLANNING

Development Applications

The Road Safety and Traffic Planning Team consists of four people, who have five days to consider the applications as they are received and provide a response to the Processing Planners. Development applications have continued to keep the safety team busy, with a steady increase in applications received from the Processing Planners for traffic and safety consideration.

With each application, improvements are made to the way road developments are proposed to ensure the developer is building to current council requirements and national best practise. These improvements are subtle to the road environment but do improve the safety outcome for all road users.

The below graph shows a processing record of development applications since the team's records began. It is clear that some months responses exceed those applications received, meaning the team has been able to catch up on any processing lag times.

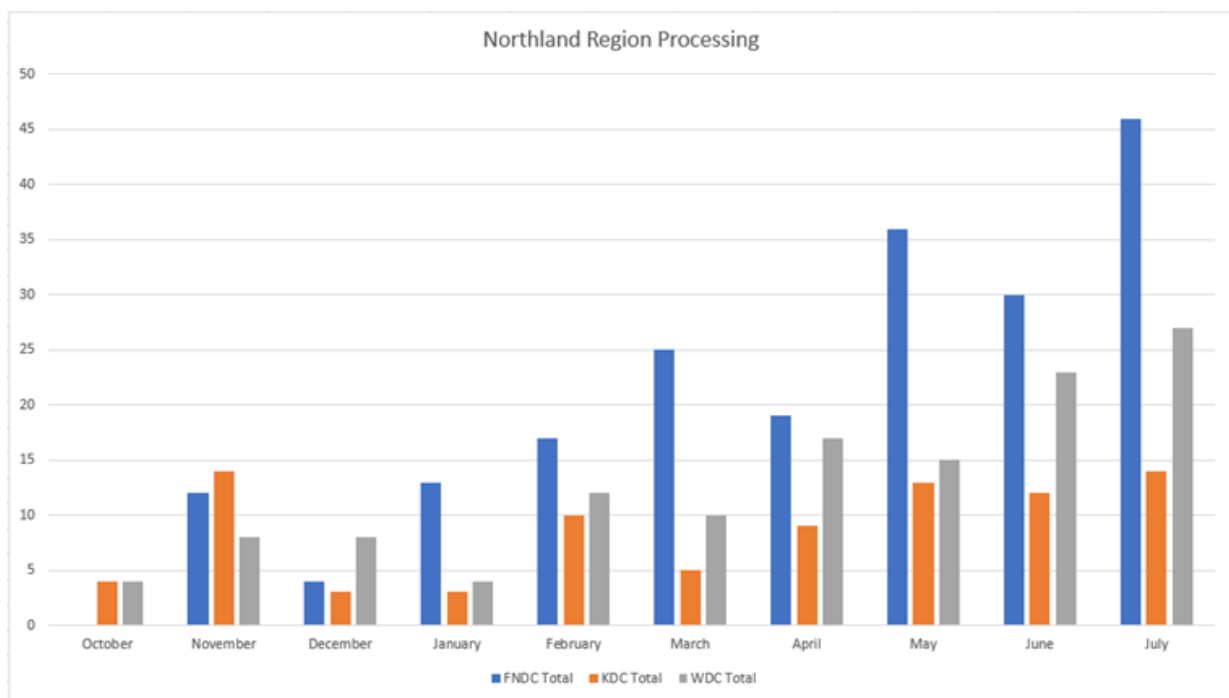


In addition to the developer applications, the team has processed many other requests, that include:

- ‘Written Approvals’ where applicants may require the Road Controlling Authority approval,
- ‘Safety Audits’ a formal funding requirement for each road project,
- ‘Pre-Applications’ where developers are requesting input into the proposal prior to lodging a formal application,
- And the same for Whangarei District and Kaipara District Councils.

Each item processed, requires further information and often requires multiple interactions with the Processing Planners. There are often site visits required or further Traffic Impact Assessments requested from the developers. It is anticipated that as the traffic engineering requirements are detailed within the revised Environmental Engineering Standards, District Plan sections, Bylaw and Policy revisions, that these duplicate processing requests reduced.

The Northland requests processed since records began, is shown in the graph below:



Speed limits need to reflect the risk on a road. It's basic physics – speed increases both the likelihood of crashes and the severity of crash outcomes, regardless of what causes a crash. Far North commenced a review of its speed limits last year and is progressing the delivery of speed changes

Road Safety and Transport Meetings

The Road Safety and Transport team members represent the four councils on the following groups:

- Northland Walking & Cycling Advocacy Group
- Northland Road Safety Action Planning
- Northland Freight Group
- Northland Regional Transport Committee
- National Active Modes Infrastructure Group

Any strategic and funding opportunities are explored through these groups, for the benefit of Northland communities. It is important that all Far North policies and strategies are continuously upgraded to recognise national goals and objectives. This ensures that Far North presents its local requirements and is prepared to work collaboratively to achieve its communities' goals.

Far North Schools

The Road Safety Team are working with schools, as issues arise, to assess front gate concerns. It is important to note that congestion creates safety benefits for the children, and it is important to not lose sight of where we are trying to achieve safety. With minor signs and markings enhancements, front gate operations can be better managed by the schools. This is known as a 'cyclic' safety issue, and at the beginning of each year parents will need to be informed by the school what expectations are in place for any child 'drop off and pick ups'.

Crash Data

At 13 August 2020:

† Road Deaths Statistics

	LOCAL ROAD FATALITIES THIS YEAR	STATE HIGHWAY FATALITIES THIS YEAR	TOTAL FATALITIES THIS YEAR
FAR NORTH	3	3	6
WHANGAREI	4	5	9
KAIPARA	2	0	2
NORTHLAND	9	8	17
NATIONAL			185

HOKIANGA FERRY (KOHU RA TUARUA)

Revenue received for July was \$ 57,632.52 excl. GST, which is significantly higher than the same period last year (\$34,654.13). Anecdotally, this can be attributed to an increase domestic tourism during the school holidays.

Planning and preparation was underway to complete the interim underwater dive survey on 20th August, which is a Maritime requirement for this vessel. This work has been brought forward, as a result of the latest Covid-19 developments.

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

- UCG connections continuing with some more coming in from towns finished previously
- UFB has almost been completed in Coopers Beach & Mangonui
- UFB now started in Paihia
- Waipapa Roundabout is well under way, with final drainage work being completed. and pavement work starting. Please keep your speed down. With SH 1 closed at Mangamuka, there is a lot more traffic coming along SH 10
- Puketona Roundabout has started with preliminary pavement work on temporary slip lanes started. Queues are happening but please be patient with the contractors
- Kawakawa Roundabout will be starting shortly

There are a lot of other road works on the network, so please drive with care and allow extra time for travel.

FORESTRY AND DUST CONTROL

UNSEALED DUST SUPPRESSION (UDS) SITES

Procurement for the 2020/21 dust season commenced, with tenders received and evaluation commencing in early August. The eligibility thresholds for Unsealed Dust Suppression (UDS) application will remain as follows:

- Houses are within 25m from the road
- The average speed environment of LDV (light duty vehicle — vehicle with a gross vehicle mass of less than 3,500kg) is greater than 60km/hr.
- The traffic volume is greater than 130 vehicles / 24hr and,
- The Heavy Commercial Vehicle (HCV) component is at least 20 HCV/24hr.

Houses that fulfil all four above criteria will receive UDS as being the houses that are evidently hardest hit. Based on these parameters having been met, the below sites will be included in FNDC 2019/20 dust suppression programme. In addition, FNDC will apply suppressant to:

- Several historically identified sites which continue to get honoured.
- Forestry sites (yet to be agreed with Hancocks, Northland Forest Managers and Summit Forests and any other operator) to apply UDS on unsealed road at vulnerable home frontages along their haul routes. FNDC's dust suppression campaign complements this.

Staff have identified 109 sections across 56 different roads throughout the District. Below is a list of Roads that will receive dust suppression under FNDC thresholds (as at 6/08/2020):

Count	Row Labels	Number of sites	Count	Row Labels	Number of sites
1	Arawhata Road	6	29	Pawarenga Road	1
2	Aurere Beach Road	2	30	Peria Valley Road	1
3	Backriver Road	1	31	Porotu Road	1
4	Bonnetts Road	1	32	Pungaere Road	1
5	Brass Road	3	33	Purerua Road	1
6	Cable Bay Block Road	3	34	Quarry Road	3
7	Diggers Valley Road	3	35	Rangi Point Road	1
8	Gills Road	1	36	Rawhiti Road	1
9	Hariru Road	1	37	Redcliffs Road	2
10	Harris Road	1	38	Renwick Road	1
11	Heath Road	1	39	Ruapekapeka Road	7
12	Henare Road	2	40	Ruaroa Road	3
13	Horeke Road	8	41	Spains Road	4
14	Jacentho Road	1	42	Te Ahu Road	6
15	Koropewa Road	4	43	Te Iringa Road	1
16	Ludbrook Road	3	44	Te Tii Road Extension	1
17	Mangatawa Road	2	45	Te Tio Road	6
18	Martin Road	1	46	Victoria Valley Road	1
19	Matawaia-Maromaku Road	10	47	Waihapa Road	1
20	Ninihi Road	1	48	Waima Valley Road	10
21	Omanaia School Road	1	49	Waimanoni Road	8
22	Orakau Road	1	50	Waimatenui-Mataraua Road	6
23	Oromahoe Road	8	51	Waiomio Road	4
24	Otaha Road	4	52	Weber Road	1
25	Otangaroa Road	7	53	West Coast Road	3
26	Otaua Road	5	54	Whakataha Road	1
27	Parapara Road	6	55	Wharepunga Road	1
28	Parapara-Toatoa Road	6	56	Whatuwhiwhi Road	1
Grand Totals					169

ROAD SEAL EXTENSIONS

Seal Extension sites are divided into two categories: a) the unsubsidised seal extensions (based on FNDC's criteria and weightings) and b) the subsidised seal extensions (road selection is based on NZTA's General Circular 16/04 criteria and weightings and a subsequent business case process).

Unsubsidised Seal Extension

The following Seal Extension sites have been approved by Council to proceed with construction. The unsubsidised roads have progressed through testing, design and commenced however the COVID-19 lockdown has been the cause of at least 1-month delay in construction operations.

Road Name	Length (m)	Estimated Cost	Fund Source	Contractor
Kumi Road	3,964	\$1,803,000.00	LTP 2019/20	Fulton Hogan
Porotu Road	1,380	\$764,000.00	LTP 2019/20	Broadspectrum
Puketi Road	1,000	\$433,000.00	LTP 2019/20	Broadspectrum
Totals	6,344	\$3,000,000.00		

Kumi Road – road works have been completed.

Porotu Road – The blessing ceremony for the commencement of works was performed on site on the 16th of July by Renata Tane and Wiremu Tane of the Oramahoe Marae. Representatives of NTA, FNDC and Broadspectrum attended. Drainage and other enabling works commenced on site on the 27th of June.

Puketi Road – Pavement construction is substantially complete. Sealing of the road will occur when suitable weather conditions prevail, this is likely to be in late September or during October. The recent weather event caused significant scouring of the roadside drains, but little other damage occurred.

Subsidised Seal Extension

Koropewa Road RP 0.015 to 1.625 (1.61km) - Business case to NZTA reviewed and confirmed for subsidy.

Church Road RP 13.080 to 15.017 (1.937km) - Business case to NZTA reviewed and confirmed for subsidy.

NB: GM IAMs has requested a workshop presentation to the Infrastructure Committee outlining how Church Road got into the programme (i.e. the 2019 Resolution), the challenges with traffic count data, and how revised traffic count impacts the NZTA Circular 16/04 assessment criteria and the FNDC Dust Matrix scores.

FOOTPATHS

Renewals and maintenance work for the 2020/21 FY are prioritised and programmed to meet the budget available and as per the condition assessment. All renewals have been uploaded into RAMM. Delivery of works will commence in August.

Community Boards agreed to the 2020/21 New Footpaths Programmes. Designs and Safety Reviews commenced in July 2020. Construction of the new footpaths will be completed by June 2021.

STRUCTURES

The following works have been undertaken:

- Otua Road Bridge N28 – The contractor has re-established after the lifting of COVID lockdown. The physical works are programmed to complete around September however with the recent flood event, we are awaiting a revised programme.
- West Coast Road Bridge G01 – the contract has been awarded and the contractors has commenced with design of the bridge, the contractors design team have also commenced with the application with Resource Consent application. Due to time constraints with design completion and RC, the

physical works will only commence next Financial year.

- Matawheroia Rd Bridge I48 – the bridge is being designed and programme to complete be late September.
- Inkster Rd Culvert W35 Replacement – physical works complete.
- Kenana Rd Culvert E16 Replacement – Physical works complete.
- Mangamuka Rd Culvert H40 Replacement – physical works complete.

Pavement Rehabilitation & Associated Improvements:

- There is approximately 5.4km of rehabilitation programmed for this financial year, 20/21. There are also 2 rehabilitation sites from the 19/20 programme awaiting final preparation, sealing and/or did not achieve practical completion due to Covid delays.

North

- Broadwood Road RP13103-13833 –due to COVID 19 the pavement works could not be completed and the with unfavourable atmospheric temperature now being experienced this site will be left unsealed until next construction season. Programmed late September to mid-October.
- Pawarenga Road RP4200-6900, Construction commenced post Covid lockdown. Enabling works are underway.

South

- Ngawha Springs Road RP2610-3163 – Deferred until the Development works are complete at the end of the road.
- Pungaere Road RP5547-6572 – the site was planned to be complete early April but due to the COVID 19 lockdown work had to be stopped. This site will be left unsealed until next construction season. Plan to seal mid-September, weather dependent.
- Purerua Road RP6251-6794 – construction commencement planned for mid-August.
- Horeke Road RP11570-12580 – design underway, construction start planned mid-October.
- Okaihau Road RP1235-2311- design underway, construction start planned mid-September.

Sealed Road Resurfacing:

Programme for sealing this year around the networks is as follows:

North – 32kms

South – 38km

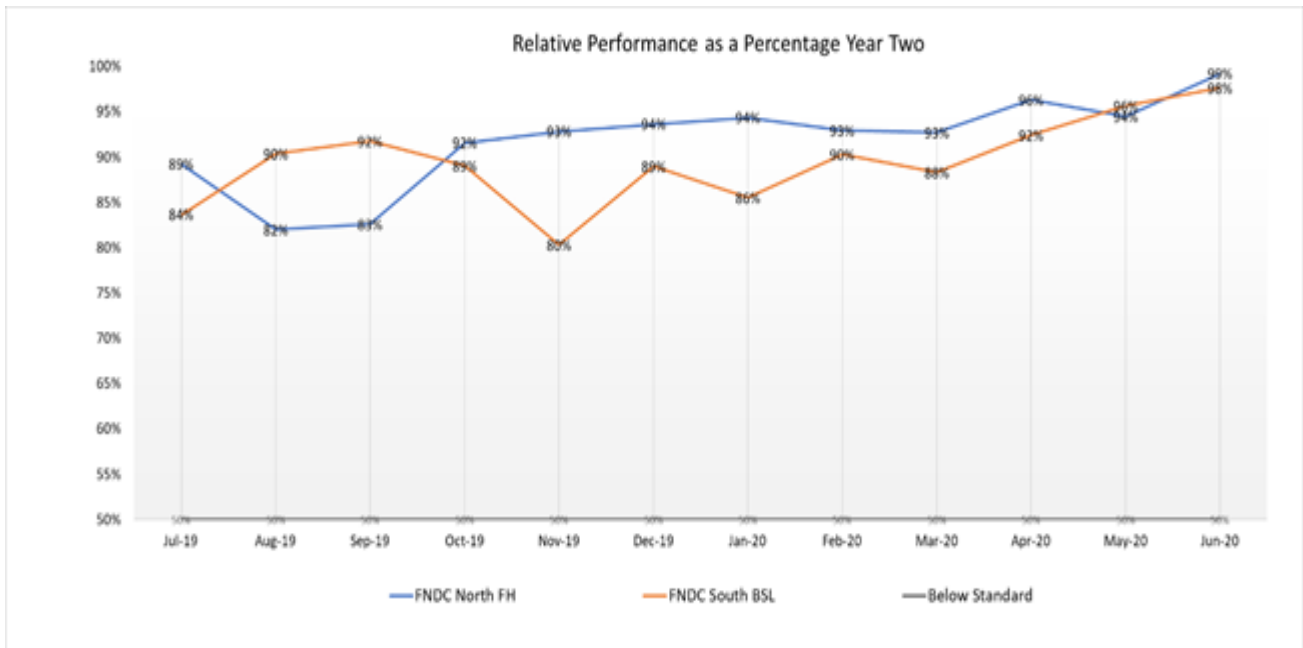
The contractors have completed site assessment and working with NTA to finalise designs of each site.

MAINTENANCE & OPERATIONS

Performance Monitoring

Assessment of the end of Year 2 performance is summarised in the table below. As at end of June the two FNDC Area Maintenance & Renewal Contracts have tracked above 90% compliance over the last three months, with the Northern Area performing the most consistent (refer to Graph below). Following a sharp downturn at the end of 2019 the Southern Area Contractor is showing a positive improving trend.

Graph showing Year 2 Qtr. 4 Performance Scores



Reoccurring incidents of non-achievement of an individual KPM are being raised as Non-Compliance Records (NCRs) and further impact the Contractor’s performance score. Deductions on the ‘at-risk’ bonus payment are being applied with some Contractors are not receiving any bonus payment.

Progress continues to be made on the following areas for improvement;

- Improved visibility and reporting of outstanding works (summary quantities and program timelines)
- Ensure unsealed gravel QA and test results are meeting specification.

Contractor Management

Sealed Road pavement repairs that require sealing will only be carried out after August if weather is dry and not too cold to seal. Urgent repairs to failures that become hazardous (e.g. No. 13 Tawanui Rd) will be treated with a temporary coldmix surface finish and will be re-surfaced properly when weather allows. Planning of pre-reseal repairs is well underway to ensure the resealing program is not impacted. There is a very high demand for increased productivity in this new Financial Year with Contractors fully informed and aware of the demands on resources required to meet the volumes of work in this 2020/2021 Annual Works Plan.

The Maintenance and Operations Manager emphasises that improvement is required by the Contract Administrators in identifying and reporting outstanding works from tasks not completed in each Monthly Program. This will increase accountability on Contractors performance in meeting milestone target.

Delivery Highlights

Completion of the Kumi Road seal extension by Fulton Hogan demonstrates the effectiveness in the speedy construction and delivery of these Projects that is included within the scope of works. The remaining sites on Poroutu, Puketi were regrettably delayed by Covid-19. They were well advanced and will easily be completed, very early in the construction season, with little impact expected on the delivery of the 2020/2021 Annual Works Plan (e.g. >80km reseals, >12km rehab, >80km unsealed gravel, >6km of seal extension etc).

Under the direction and leadership of the Maintenance and Operations Manager all field testing and investigations are already nearing completion for the rehabs and resealing works (due 20 Aug), including components of the additional TIF and PGF works directed under the Maintenance Contracts, and all the unsealed road renewals sites have been set and programmed to tight delivery timelines.

Maintenance Achievement

Contractors monthly achievement data has been tabulated for month-by-month comparison and likeness

between networks (and the Contractors). This enables the NTA to highlight any trends and/or significant variance that can inform ongoing activity focus areas, plus inform Asset Management Plans for future funding projections (refer to Table below).

Unsealed road grading in North Area (FH Ltd) was higher than South, while notably the potholing in the Southern Area was very high compared to the Northern Area. This highlights the approach taken by FH Ltd to use the grader more to treat unsealed road defects, while BSL endeavoured to retain bound unsealed road pavements longer and treat defects by localised pothole filling.

The Northern Area also applied more than 2x compacted gravel (4,899cum) than the Southern Area during June, however the Northern Area had none the previous month, whereas the Southern Area did 4,958cum.

A late flurry of structural repairs to the sealed roads was completed in the Northern Area compared to only 70sqm in May and nil in June in the Southern Area. Conversely routine sealed road repair quantities were notably higher in the Southern Area for minor works like pothole filling, edge break and cracks sealing compared to the North.

Roadside drainage achievements are well below typical monthly averages which was surprising considering there was an expected to increase in readiness for winter conditions. More emphasis on increased and focused drainage works will be key in the 2020/2021 Annual Works Plan.

Roadside vegetation control activities were high in the Southern Area with the North focusing on envelope (high cut) clearing in May and June.

North					South				
Northern Area		Far North District Council			Southern Area		Far North District Council		
Road Length		416.0 sealed			Road Length		445.7 sealed		
		849.5 unsealed					808.4 unsealed		
Activity Description	Prev mth	This mth	Mthly Average	FYTD	Activity Description	Prev mth	This mth	Mthly Average	FYTD
Unsealed Maintenance Gravel (cum)	5776	4686	2621	35719	Unsealed Maintenance Gravel (cum)	3433	7215	1873	27265
Unsealed Compacted Gravel (cum)	0	4899	519	5109	Unsealed Compacted Gravel (cum)	4958	2131	1091	21832
Unsealed Road Grading (km)	347	250	231	2847	Unsealed Road Grading (km)	231	225	219	2194
Wet Roll and Grade (km)	0.0	0.4	0.0	6.0	Wet Roll and Grade (km)	0.0	0.0	2.0	24.7
Unsealed Road Potholes (ea)	271	374	1173	9142	Unsealed Road Potholes (ea)	2209	2383	790	15348
Sealed Road Potholes (ea)	38	26	158	1212	Sealed Road Potholes (ea)	63	214	189	1976
Sealed Road edgebreak (m)	22	0	541	389	Sealed Road edgebreak (m)	158	83	109	1151
Sealed Road Pavement Repairs (sqm)	0	3060	348	16258	Sealed Road Pavement Repairs (sqm)	70	0	587	7032
Sealed Road Surface Repairs (sqm)	0	0	1	239	Sealed Road Surface Repairs (sqm)	0	327	106	369
Water Cutting (sqm)	0	0	0	0	Water Cutting (sqm)	0	0	0	3331
Roadside mowing (km)	83.2	172.2	141	1340.0	Roadside mowing (km)	252.539	0	74	770.371
Roadside Spraying (km)	0.6	0.0	110	1580.0	Roadside Spraying (km)	238.0	426.6	322.8	4506.1
Vegetation Envelope Cleared (km)	44.56	46.87	78.28	607.67	Vegetation Envelope Cleared (km)	18.15	2.69	4.65	101.73
Roadside Drainage Cleared (m)	200	2408	2674	16754	Roadside Drainage Cleared (m)	100	766	2002	10670
Roadside Culverts Cleared (ea)	0	0	92	904	Roadside Culverts Cleared (ea)	252	157	90	1749
Culvert Markers Replaced (ea)	0	19	4	441	Culvert Markers Replaced (ea)	2	7	42	45
Cesspit Grates Cleared (ea)	40	42	5	547	Cesspit Grates Cleared (ea)	25	24	267	260
Kerb & Channel Cleaned (km)	0.06	0.14	0.46	18.95	Kerb & Channel Cleaned (km)	0.17	41.34	23.96	42.02
Routine Surface Detritus Removed (#)	0	0	0	2	Routine Surface Detritus Removed (#)	26	24	10	301
Overslip Material Removed (cum)	0	0	0	0	Overslip Material Removed (cum)	0	0.002	2	2.602
Routine Signs Maintenance (ea)	1	7	43	361	Routine Signs Maintenance (ea)	142	168	89.25	1005

Table showing Monthly Achievement Data Comparisons (May and June 2020 vs Previous FY Monthly Averages)

Audit Tracking initiative

To improve the transparency of the volume and locations of Contractor Inspections and NTA audits completed across each network we have initiated development of map-based presentation of captured GPS data from RAMM to display audits completed in a specific month (test example shown below).

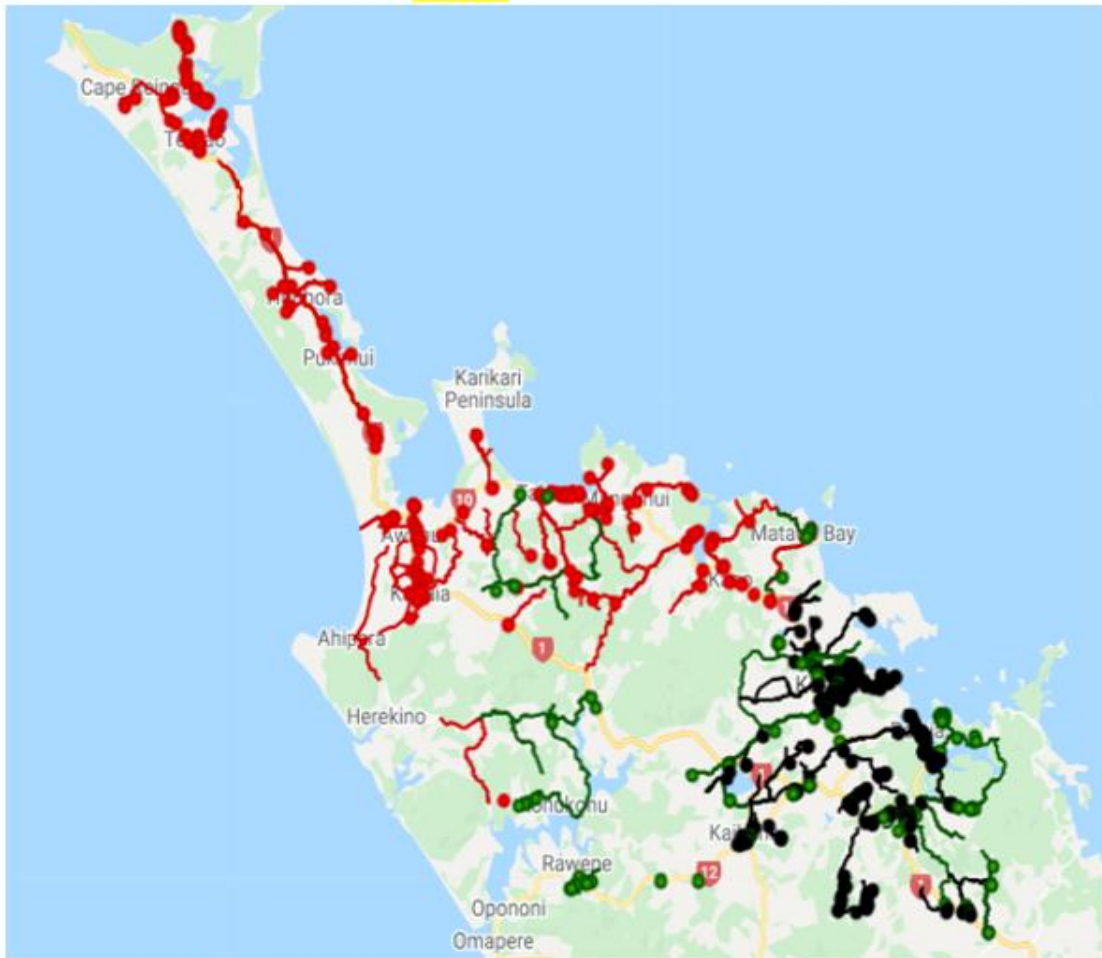
This provides a simple visual reference to identify and ensure appropriate focus is placed on all areas of each District and adjusts focus if inspection location gaps are identified. While data validation is still underway, the example below indicates further focus is required in the western parts of the District.

Once fully developed, this information will be included in respective monthly operations reports.

Period: JULY 2020

Far North District
TEST

Monthly NTA Road Inspection
and Surveillance Data

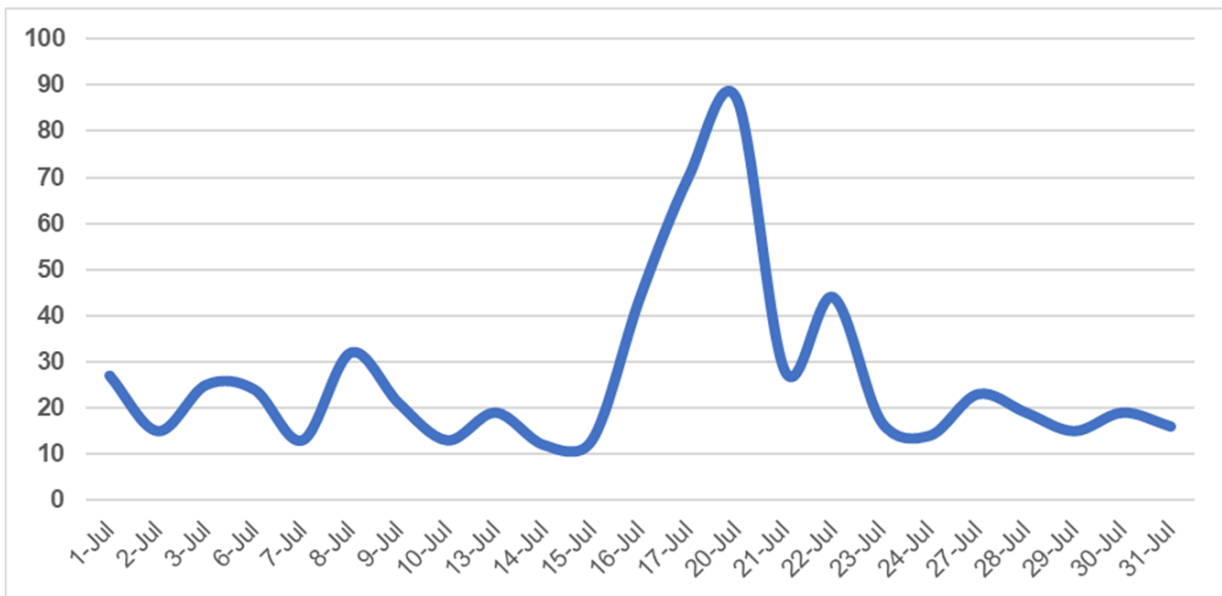
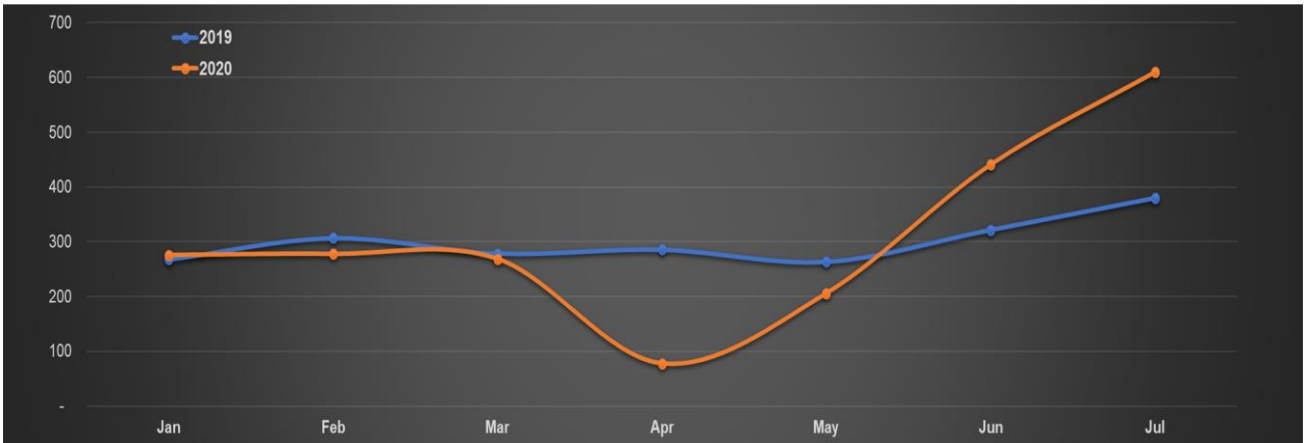


Network Area Inspection Data						
	Contractors Monthly Inspections (km)		NTA's Minimum Monthly Inspections (km)		NTA's Actual Monthly Inspections (km)	
	North Area	South Area	North Area	South Area	North Area	South Area
Week 1	469	262	47	26	0	456
Week 2	281	286	28	29	399	395
Week 3	143	381	14	38	312	138
Week 4	117	26	12	3	449	91
TOTAL	1009	929	101	96	1160	1080

THE CUSTOMER EXPERIENCE

Using the same rationale as last month, we now see a calendar year to date increase of 2.5% for requests for service. To the end of June, this was a decrease of 10%. Therefore, looking at the month of July in isolation, it is evident that the increase was largely due to the mid-month storm event. These conclusions are demonstrated in the charts below.

Request for Service



PARKING

The NTA has been instructed to programme and implement changes to mobility parking spaces district wide as requested by Councils Disability Action Group. Bylaw schedule changes will be required to ensure that the parking restrictions are enforceable, but this is not considered urgent. These schedule changes will be made once all sites have been signed and marked and the full Parking Bylaw review has been undertaken by FNDC Strategic Planning and Policy group.

PROJECT DELIVERY

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

EXECUTIVE SUMMARY

July has been a month of planning and understanding our position on both the FY20/21 programme and confirming when scopes will be received. We have also confirmed and timed the spend of proposed carry forwards that are to be submitted for Council approval.

Significant work has gone into programming and planning projects from project prioritisation based on asset condition, procurement or lead times or contractor availability. We will continue to reprioritise as required based on weather and the ongoing Covid-19 situation.

A new reporting template has been introduced showing the number of projects in each stage of the Project Management Framework and forecast spends each month for the life of a project. This information is with Project Delivery's Project Sharepoint Site and includes standard information of our Key Projects for the year.

Project Phase: Design

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Awaiting revised scope from District Services due to increased funding
Scope	Amber	Amber	Scope to be revised and confirmed
Schedule	Amber	Amber	A new schedule of works to be drafted upon confirmation of revised scope
Cost	Amber	Amber	Cost to be confirmed once scope is confirmed
Project Risk	Amber	Amber	Weather, contractor availability, material availability, Covid-19

Monthly Summary:

Increased funding has provided an opportunity to build a fit for purpose facility.

Key Project Risks	Mitigation of Risk
Funding	Project funding increased
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
Revised scope	End August	On track	

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 Phase: Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Building consent submitted. Negotiations with preferred contractor continued to confirm scope, availability and start date.
Scope	Amber	Amber	Scope confirmed.
Schedule	Amber	Amber	Project program confirmed. Indicative program received from preferred contractor.
Cost	Amber	Amber	Revised cost received
Project Risk	Amber	Amber	Weather, contractor availability, material and time delays due to Covid-19.

Monthly Summary:

New design received.

The sole tenderer for the original design has been approached and confirm they are interested in carrying out the construction work, repricing of design received.

Building Consent has been applied for and is currently being processed.

Key Project Risks	Mitigation of Risk
Funding	Project funding increased
Tender	Sole tenderer is happy to carry out the construction work

Key Project Milestones	Expected	Status	Comment
Tender award	Late September	On track	
Construction	October/November	On track	Construction dates TBC.

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 Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Mitimiti: Construction is near complete at Mitimiti with a final inspection due in August.
	Amber	Amber	Opononi: Project was expected go out to Tender in May 2020, this has been delayed as the combined procurement with Memorial Park Toilets has been cancelled and we are back to lone procurement through GETS. Sign off has been received for amended weighted attributes and we can move this project forward to tender stage, this build will be on GETS during August.
	Amber	Amber	Waitangi: After long delays agreeing design & location with Waitangi Trust both aspects have been agreed. The Ground Lease Agreements have been signed. Architect continuing detailed design. We have another Archaeological Assessment for the new site, and we are engaging with local iwi for feedback.
	Amber	Amber	Haruru Falls: After long delays agreeing design & location with Waitangi Trust, we have agreed on both aspects and the agreed Ground Lease Agreements have been signed. Building Consent has been granted for this build. Due to go out to tender next month.
Scope	Green	Green	Waitangi: New design submitted to Waitangi Trust has been agreed and a location determined, formal lease in place. Mitimiti: Construction complete. Opononi: Scope is clear and defined. Haruru: Scope is clear but reduced, the cost to get power to site is excessive and so we will alter build to include more natural light.
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 2020, COVID 19 has also played its part in the programme delays.
Cost	Green	Green	Mitimiti completed within budget. Opononi and Haruru Falls estimates both in line with budgets. Waitangi has not yet been estimated.
Project Risk	Amber	Green	Covid 19 will cause large delays to all programmes of work which have already been delayed due to legalising access to all sights. These projects will not be completed in the timeframes initially set out and there is no opportunity to bring them inline, so we have accepted this and asked for funding extensions.

Monthly Summary:

- Mitimiti Construction nearing completion.
- Haruru Falls Building Consent issued.
- Waitangi Toilet Resource Consent queries responded to and detail design is 75% complete

Key Project Risks		Mitigation of Risk	
Covid 19 Lockdown will lead to programme delays.		Accept & Monitor.	
Waitangi Toilet – Archaeological Site		Further Iwi Engagement for new site	
Key Project Milestones	Expected	Status	Comment
Mitimiti Toilet – Construction	Early July	Late	Completion due early August
Opononi – Tender to market.	August	On track	
Waitangi Toilet – Iwi Engagement	July		With liaison team for approach
Detailed design from Architects – Waitangi	22/06/20	Late	Delays due to lockdown
Project Budget Status			
Approved Budget	Actual Spend to Date		Forecast Total Spend
\$1,045,688 (combined)	\$258,928.00		\$1,000,000 (combined)

Project Phase: Delivery

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	A Compliance audit of the water treatment Plant took place in December 2019. The audit established that the plant was non-compliant to the regulations. Temporary emergency works were put in place by FNW to keep the plant operational. FNW have started with the compliance works and aim to have the works completed and the plant certified by end October 2020.
Scope	Amber	Green	A design and scope for the compliance work was provided by FNW. A recent change in test certifiers has resulted in a scope change. FNW are waiting for the chemical supplier IXOM to visit the site and to advise on what the requirements are for the decanting area.
Schedule	Amber	Green	Revised schedule provided by FNW. Physical works started during lockdown in May. The major rain events in July has impacted on the project end date. The revised project end date is end October 2020.
Cost	Amber	Green	The emergency and compliance work to completion has been estimated to cost \$252K. Additional funding was made available to cover the costs for the compliance works.
Project Risk	Amber	Amber	Additional minor work relating to the Building Consent could not be completed during the Covid lock down and has had to be deferred. This minor work will be completed as soon as the compliance work has been completed.

Monthly Summary:

FNW work to date

Wet weather and major rain events in July have had an impact on the project end date. The access road leading to the plant sustained some damage and has had to be repaired before the concrete could safely be delivered to the WTP. Pouring of the concrete slab which was scheduled for WC 13 July was delayed by 12 days. The concrete slab has since been poured and the tanks have been positioned onto the slab. Pipework connections to and from the tanks is currently being worked on. Electrical work inside and elsewhere within the chemical building is progressing well, control cables, cable trays and a new control cabinet have been installed in the office. FNW are waiting for the chemical supplier IXOM to visit the site and to advise on what the requirements are for the decanting area. It's possible that an engineered concrete slab will be required for the decanting area.

Key Project Risks	Mitigation of Risk
Impact of Covid 19 on project schedule	Closed
Delays with material supply during lock down	Closed
Limited number of resources allowed to work on site during lock down.	Closed
Possible increase in cost of materials	Accept and monitor

Delay in completing BC works – CCC not issued			Closed
Change in Test Certifier – change in scope			Accept and monitor
Impact on water supply when commissioning new equipment into service			Management of change
Key Project Milestones	Expected	Status	Comment
Compliance Audit	Dec 19	Completed	Plant not compliant additional operational work required.
Order chemical tanks	April 2020	Completed	Tanks ordered on 17/07. Lead time 21 days
Install chemical tanks	May 2020	Completed	Delay due to change in Test Certifier's additional requirements. An engineered external concrete slab has had to be constructed for the PACL Tank. Weather delays were also experienced whilst prepping up the area for the slab.
Chlorine room fit out	June 2020	Late	Due end August
Electrical fit out	July 2020	Late	80% Complete. Due end August
Issuing of Location certificate	Sep 2020	On track	
Project Budget Status			
Approved Budget		Actual Spend to Date	Forecast Total Spend
\$204,545		\$200	\$204,545

Project Phase: Procurement

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Project progressing on target on assumption that Crown funding will be granted.
Scope	Green	Green	Scope understood for this stage of project.
Schedule	Green	Green	One week delay to design delivery, will look to recover during procurement phase.
Cost	Red	Amber	Cost estimate updated to \$14.1M vs. allocation in LTP of \$11.3M. Crown funding applied for via Shovel Ready projects.
Project Risk	Amber	Amber	Property and Easements are subject to commercial negotiations

Monthly Summary:

Final design is submitted for comments on 27 July 2020. Design comments is received from relevant departments within Council and Final design approval is schedule for 13 August 2020.

Land agreements is progressing well with [REDACTED]. FNDC is in the process of appointing Law North to deal with the legal matters regarding the subdivision and transfer of the land.

The main contract (Pipeline) ROI is completed and the RFT is now being compiled. McMillian drilling is selected to as the preferred supplier for bore drilling RFT.

Key Project Risks	Mitigation of Risk
There is a risk that the budget is insufficient to deliver the required scope of works.	Shovel Ready funding application submitted
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

Key Project Milestones	Expected	Status	Comment
Design contract award	29/11/19	Complete	
Design complete	31/07/20	On target	One-week delay anticipated
Commence PW procurement	June 2020	Complete	
Award PW contract	Nov 2020	On target	Target October 2020
Practical completion	September 2022	On target	

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

Project Phase: WWTP Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Amber	Amber	Current completion of WWTP construction programme is expected for September 2020. The commissioning phases have started and will run until the end of November 2020. Following completion of the commissioning phases, the reticulation work will resume with the final connections of all houses completed by April 2021.
Scope	Amber	Amber	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 99% completed.
Schedule	Amber	Amber	Design discrepancies, resolution of compliance and health and safety issues are identified and managed.
Cost	Amber	Amber	Cost implications have been communicated to PSG via report dated 28/02/2020 and are not expected to be exceeded.
Project Risk	Amber	Amber	Schedule extensions and cost increases are managed as stated above. Potential for pipework damage within Area of Benefit, which could be discovered during commissioning. Land slippage occurred in vicinity of Wastewater rising main. Possible realignment to be done – being investigated.

Monthly Summary:

Construction of the new Treatment works is nearing completion with most of the structures and pipework in place and only the mechanical and electrical installation work to be completed. The commissioning phases have started and will run until the end of November 2020. Actual construction of Plant estimated completion is end of September 2020. Key work completed in the month of July 2020:

- Kerb and channel construction
- Chemical dosing pipework completed and tested
- McKay installing cable tray and pulling cables into ducts throughout site
- MCC installed into MCC Room, terminations in progress
- Wiring and field terminations throughout site
- Commissioning Phase 1 - MCC Factory Acceptance Testing Done and Software Factory Testing completed
- Power supply to Transformers

Easement Agreements are currently in progress to be drafted with cadastral surveying undertaken so that they can be finalized for issuing to the relevant landowners for review and approval.

Following completion of the commissioning phases, connections will recommence with the cutting over of the house connections, with an estimated completion by April 2021. Decommissioning of the existing treatment facility in Shepherd Road will then follow.

Key Project Risks	Mitigation of Risk
Commissioning works identifies design/process flaws	Commissioning planning and integration between

		parties.	
Damage to services from fibre network installation.		Liaison with Far North Water and Chorus. Pressure testing of sewer rising mains at identified locations by Reticulation Contractor to be done.	
Reverse sensitivity around new WWTP and infrastructure		Assess design odour control efficiency at commissioning.	
Design changes increase schedule and cost		Facilitate alignment between design and construction. Up to date.	
Managing stakeholder expectations		Communicating timeframe delays.	
Key Project Milestones	Expected	Status	Comment
Completion of Kerikeri WWTP	29/09/20	In progress	Further delays could result from risks above.
Commissioning Phases of WWTP	30/11/20	In progress	Phase 1 and 2 of 6 completed
Completion of Kerikeri WW reticulation	30/04/21	Pending	First stage, part of second stage completed. Stage 3 outstanding. Work to commence in Dec 2020
Decommission existing Kerikeri WWTP	30/08/21	Pending	Commence May 2021. 130-day allowance, time requirement TBC.
Project Budget Status			
Approved Budget	Actual Spend to Date		Forecast Total Spend
\$27.1M	\$24,556,713 ¹		\$29,679,527 ¹

¹ As per report to PSG 28 February 2020

Project Name: Paihia WWTP Upgrade

Project Phase: Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Construction is 99% complete. PC Certificate has been issued and only minor defects remaining to close out.
Scope	Green	Green	Design and Construct an in pond biological system for ammonia reduction to meet conditions of the resource consent, with no major changes.
Schedule	Green	Green	New project schedule to be drafted to cover ammonia works
Cost	Green	Green	Project remains within Projected Budget
Project Risk	Green	Green	Alkalinity adjustment – Will be completed as a separate project due to value. Application has also been prepared for PGF – Cannot locate PGF application

Monthly Summary:

Defect close out is still underway with the final items to be closed out in the coming weeks.

The July testing phase (First of 2) has commenced on Monday 10th Aug. This was delayed due to storm conditions in the far north. These storms caused the ponds to overflow into adjacent ditches and to effluent fields. This also caused blowers to be repositioned due to winds and the pond covers to be displaced due to the overflow of the ponds.

A report on the unconsented discharge was provided by WSP and the regional council was notified. There is a high likelihood that there will be work required to limit the risk of future overflows in stormy conditions. If this is not completed, then overflows will continue to dislodge the new pond covers and blowers.

Design of the alkalinity works has been completed and procurement plans are being drafted to tender the works. It is proposed that this is completed as a direct appointment to the current works contractor to avoid experience risks and mobilisation costs.

Accomplishments:

- Phase 5 – Reliability Testing Completed
- Phase 6 – Performance Testing Completed
- Practical Completion 23 March 2020

Expected Accomplishments:

- Handover to operations
- Notification to the code of compliance

Key Project Risks

Mitigation of Risk

Alkalinity Adjustment.

To be completed as a separate project
(guidance required here on set up and tracking)

Land Stakeholder Engagement and Approval (Tangata Whenua).

Management to meet and agree on Engagement Protocols with Tangata Whenua. (guidance required here for new alkalinity works and engagement protocols)

Change Management.

Maintain weekly reporting and filing system.

Meeting Enforcement Order Conditions.

Monitor progress, continuously assess changes and impact to delivery, and apply for extension if required.

Key Project Milestones	Expected	Status	Comment
Completion of Cover install	31-Jan-20	Met	Early completion 14 Jan 2020
Commencement of performance test	26-Feb-20	Met	Early completion 20 Jan 2020
Practical Completion / Handover	22-May-20	Met	Early completion 20 Mar 2020
Completion Design of Ammonia works	30-June-20	Ongoing	Possible early completion available
Project Budget Status			
Approved Budget	Actual Spend to Date	Forecast Total Spend	
\$6,478,069.71	\$5,782,256.13	\$6,267,990.60	

Project Phase: Pre-Implementation of Stage 2

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Project is completed, with power connected and switched on by Top Energy in late June. FNW to remove temporarily installed generator once weather allows for safe lifting and transport, which is expected before end of August. They have tried a few times but unfortunately to wet.
Scope	Green	Green	No changes in scope, but additional staging of the project.
Schedule	Green	Amber	Re-commencement of works: 4 th May '20, expected completion: 30 th June '20 was met.
Cost	Green	Green	Cost of project is unlikely to exceed current budget.
Project Risk	Amber	Amber	Ongoing negotiations with the landowner but received a positive and willing response from the landowner to sign off easement and land purchase agreements, which are currently in negotiation with the lawyers. Valuation of Top Energy Easement in progress.

Monthly Summary:

All work is completed on project, with only the removal of the generator and fencing off area still outstanding. The Landowner also requested pipeline markers to be installed.

The Land Purchase and Easement Agreements are currently with the landowner's lawyers. The valuation regarding the Top Energy easements are underway and expected to be completed by end of August 2020. Moir McBain Valuations are agreed on by Hokianga Holdings and FNDC to provide the valuation. Liaison with the landowner (Hokianga Holdings) to keep them informed about progress is ongoing.

Key Project Risks		Mitigation of Risk	
Land requirements and easement agreements.		Liaise and keep a good relationship with the landowner.	
Key Project Milestones	Expected	Status	Comment
Land Purchase & Easement Agreements	30/07/20	In progress	Signed by all relevant parties
Project Budget Status			
Approved Budget	Actual Spend to Date	Forecast Total Spend	
\$946,665	\$309,668	\$500,000	

Project Phase: Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	Final commissioning has been completed.
Scope	Green	Green	Project completed
Schedule	Green	Green	Project completed
Cost	Green	Green	The final subsidy report and claim has been approved by the Ministry of Health. The balance of the Drinking Water Subsidy has now been received by council.
Project Risk	Green	Green	No project risks.

Monthly Summary:

The Far North Waters Team are working closely with the Northland DHB and Ministry of Health representatives to ensure the 'Boil Water Notice' can be removed for the Omanaia Community as soon as possible.

The latest update is for July is that the treated water tests taken on the 50mm 'branch pipeline' that services the Omanaia community are still not at an acceptable quality to remove the boil water notice. The operations team are working through options to clean or replace this line to the community.

Key Project Milestones	Expected	Status	Comment
Removal of the Boil Water Notice	30/08/20	In progress	Far North Waters Team are working with NDHB.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
\$2,935,828.39	\$2,948,716.80	\$2,948,716.80

TOURISM INFRASTRUCTURE FUND

August 2019 Applications:

	Project	Status	Notes
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)	Approved with Funding Agreement	TP58 and CCTV tests have been completed. Moving on to Field design. Project documentation complete. Waiting for PO approval to start work.
1b	Waitangi Jetty Toilet Capacity Upgrade (BOI Yacht Club)	Approved with Funding Agreement	Barfoote Construction have provided an acceptable proposal to pick up the build contract after the previous contractor withdrew due to Covid 19 issues. Barfoote are predominantly based in Whangarei but have staff in Opuia which is proving an advantage. Final contract due for review. Price is higher but confidence in the contractor is also higher.
2	Pungaere Road Seal Extension	Approved. Funding agreement pending	MBIE agreement is still with FNDC for signing. NTA have been engaged for project delivery and are ready to go and have commenced initial work
3	Cable Bay Carparks	Approved. Funding agreement pending	MBIE Funding agreement has been requested but is still pending.
4	Taipa Beach Pohutukawa Protection	Approved with Funding Agreement	Arborist has been and completed site visit week of 5 th August. Report pending. Project delivery documentation complete.
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)	Approved with Funding Agreement	Supplier to be selected to complete works. Project delivery documentation complete. Discussion with RSL indicates that current situation is restrictive for cleaning operations and that a channel drain would likely suffice. Consideration to be given to connecting piping for shower but holding back full installation until water supply situation is clearer.
6	Stone Store Lighting	Approved with Funding Agreement	Meeting was held with Heritage NZ onsite in June. Heritage NZ will provide a recommended lighting designer to provide a lighting plan. Once the plan is provided we can discuss delivery with approved contractors. Waiting on Heritage NZ response.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Commercial accommodation review complete and a very limited benchmark check against Whangarei and Coromandel will be undertaken. NZMCA member survey closed with 1250 strong responses. Second survey for commercial operators has been designed waiting for FNDC review prior to distribution.
8	District Boat Ramp Operational Plan Study Grant	Approved with Funding Agreement	Physical surveys completed and Current State documentation was presented to FNDC for review. Future options and GIS integration currently underway Phone meeting with Rangiputa ratepayer's association as they requested update. Very positive meeting. Meeting at FNH (10 July) to go over data and Rangitane review. Report data is to be incorporated into PGF application for Rangitane upgrades. Positive meeting and FNH are on the same wavelength.

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

Round 5 March 2020 TIF Applications

Options for Round 5 submission have been finalised and will go to the Infrastructure Network Committee for ratification in due course. *Note: Round 5 has been postponed by MBIE due to Covid-19.*

Update from MBIE as at 20 July 2020

With the advent of COVID the TIF was put on hold and as yet no decision has been made as to whether or when the next round will take place. We will advise councils when this has been decided.

I am not able to be more specific, sorry.

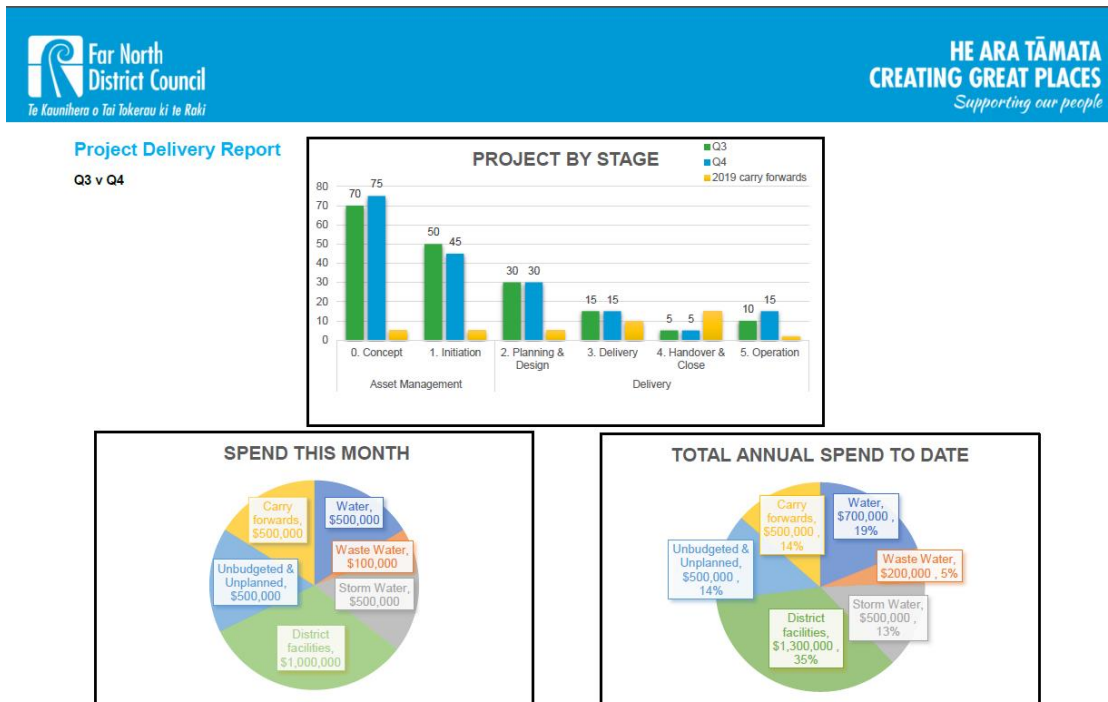
Karen McGregor | Principal Investment Co-ordinator | Investment Management & Performance | Tourism

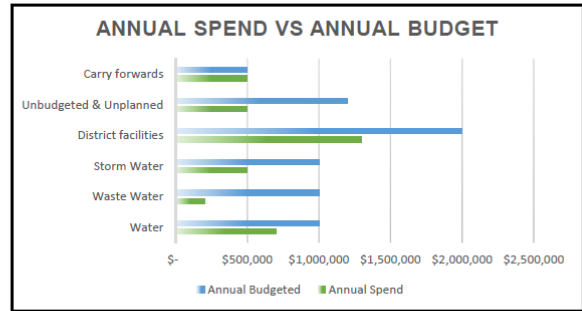
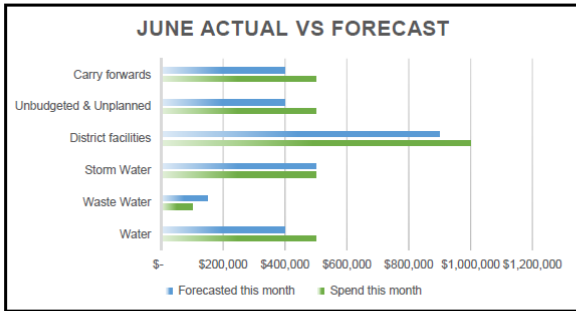
Round 5 Proposed Applications						
	Project	FY	Community Funded	FNDC	MBIE	Total
1	SMART CITIES: Smart Lighting (Wifi)	2020/21		\$ 143,313	\$ 143,313	\$ 286,626
2	SMART CITIES: Smart Bins	2020/21		\$ 53,763	\$ 53,763	\$ 107,525
3	Lake Manuwai Toilet	2020/21		\$ 81,840	\$ 81,840	\$ 163,680
4	Te Paki Stream Road Seal	2021/22		\$ 1,086,371	\$ 1,086,371	\$ 2,172,742
5	Paihia WWTP	2020/21		\$ 390,762	\$ 390,762	\$ 781,524
6	Awanui Reserve-SH10 Access	2020/21	\$ 33,000	\$ 61,875	\$ 94,875	\$ 189,750
7	Toilet Infrastructure Response Study Grant	2020/21		\$ 55,000	\$ 55,000	\$ 110,000
			\$ 33,000	\$1,872,924	\$ 1,905,924	\$ 3,811,847

CAPITAL PROGRAMME NEW REPORTING TEMPLATE

A new reporting template will be used for FY20/21. This report will be provided to the Strategic Leadership Team on a monthly basis and also form part of this report next month.

An outline of the template is shown on the following slides (*data not factual*):





Summary of issues and constraints

Major Project issues:

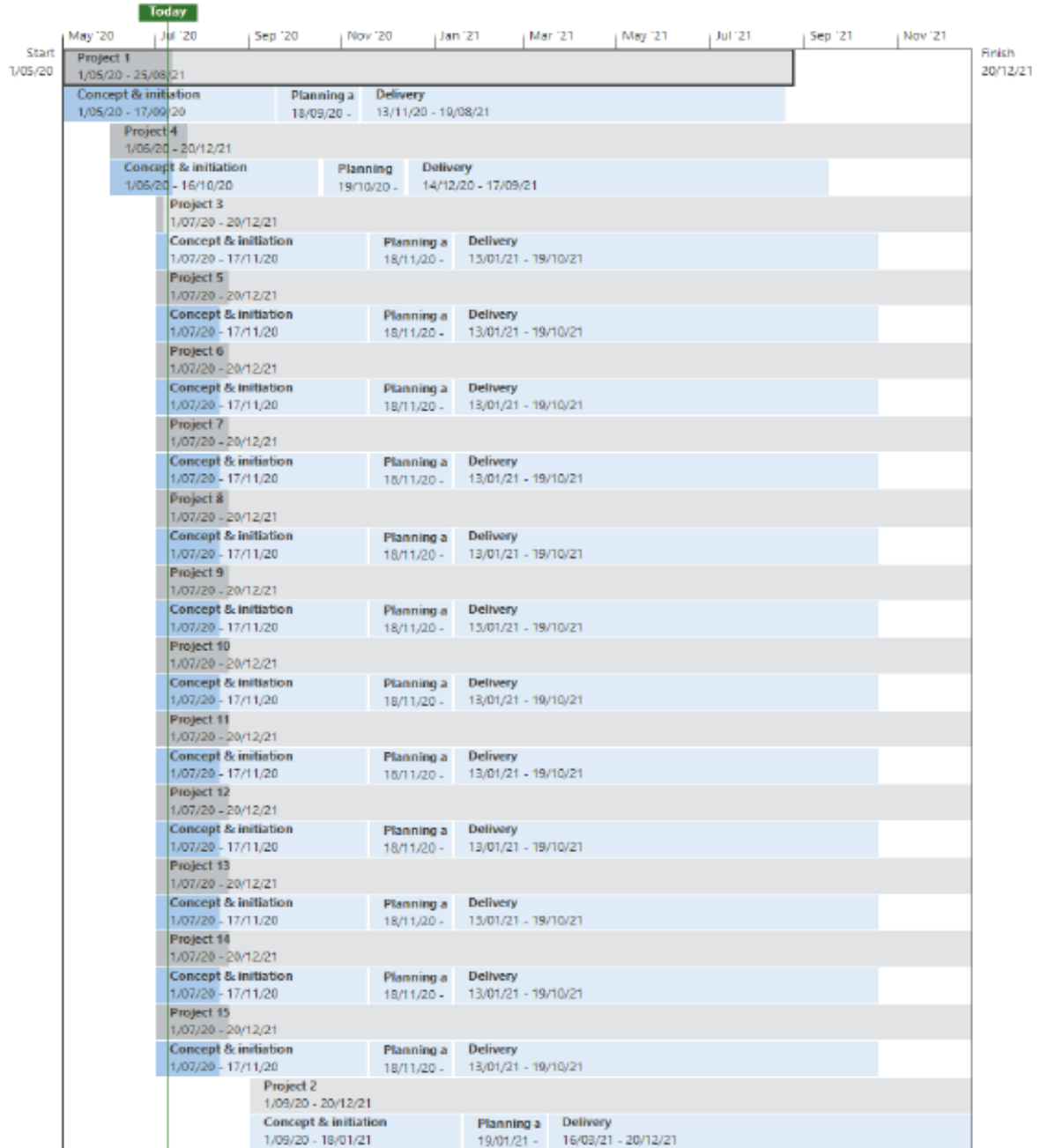
Commitments not met:

Top 15 Projects

Comments:

- Project 1
- Project 2
- Project 3
- Project 4
- Project 5
- Project 6
- Project 7
- Project 8
- Project 9
- Project 10
- Project 11
- Project 12
- Project 13
- Project 14
- Project 15

Gantt Chart: Project by phase and expected close date



PROJECT OVERVIEW

MILESTONES DUE

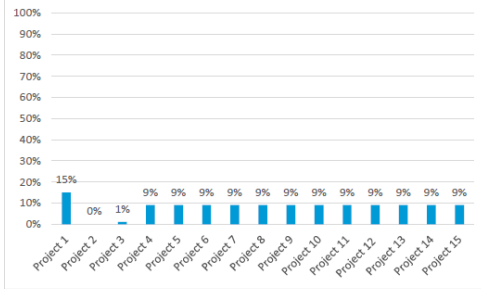
Name	Finish
Project 1 completion	25/08/21
Project 2 completion	20/12/21
Project 3 completion	20/12/21
Project 4 completion	20/12/21
Project 5 completion	20/12/21
Project 6 completion	20/12/21
Project 7 completion	20/12/21
Project 8 completion	20/12/21
Project 9 completion	20/12/21
Project 10 completion	20/12/21
Project 11 completion	20/12/21
Project 12 completion	20/12/21
Project 13 completion	20/12/21
Project 14 completion	20/12/21
Project 15 completion	20/12/21

% COMPLETE

8%

% COMPLETE

Status for all top-level tasks. To see the status for subtasks, click on the chart and update the outline level in the Field List.



LATE TASKS

Name	Start	Finish	Duration	% Complete	Resource Names
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Project Delivery Report

10 July 2020

Summary: Top 15 projects

Discipline	Project	RAG	Details	Project summary
Discipline	Project 1	RAG	Group: Stage: Delivery lead: Budget: Completion date:	Project summary
Discipline	Project 2	RAG	Group: Stage: Delivery lead: Budget: Completion date:	Project summary
Discipline	Project 3	RAG	Group: Stage: Delivery lead: Budget: Completion date:	Project summary
Discipline	Project 4	RAG	Group: Stage: Delivery lead: Budget: Completion date:	Project summary
Discipline	Project 5	RAG	Group: Stage: Delivery lead: Budget: Completion date:	Project summary
Discipline	Project 6	RAG	Group: Stage: Delivery lead: Budget: Completion date:	Project summary

Project Delivery Report

10 July 2020

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

While there has been improvement in project and workstream status the programme remains adversely impacted by the demands on resources and the increasing complexity of the programme's interfaces. Operational needs limit the time asset managers have to invest in programme activities and other organisational initiatives draw support resources away from providing advice or continuing application development.

Having said that the good will and commitment of the teams has seen the inputs to CouncilMark submitted and the system developed to a point that will demonstrate the intent of the programmed and Living Asset Management Plan (LAMP) during the upcoming audit.

The revised programme has been adopted but there a significant headwinds to be managed particularly with support resourcing engagement of key stakeholders such as FNW. Work is underway to mitigate these risks and reframe the resourcing requirements of the programme.

► Programme Vision

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

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

► Status Indicators

Overall	→	Incremental change over past month. The programme remains in good heart but the reinvigoration is slowed due to resource commitment to the LTP process. CouncilMark update complete. Status updates to reflect extended program timeline.
Benefits	■	Benefit realisation being updated as part of programme refresh.
Capability	■	Some concern around capacity of staff to meet expected timelines. Appointment of Business Analyst is a very positive step.
Leadership	■	Programme leadership has been strengthened but there remains a need to foster greater activity and/or task leadership.
Budget	■	Currently within forecast
Roadmap	■	Roadmap has been updated.
Risk	■	No change

► State of Play

Last Month	Next Month(s)
<ul style="list-style-type: none"> Limited change in status as assets staff committed to LTP process Expected actions in July still to be completed. Continue updating required point dataset, GIS integration and data migration. 	<ul style="list-style-type: none"> Engagement with Far North Waters on system detail and long-term vision including their use of the system and field technology. Stakeholder workshop to debrief on culture survey results and Field Force recommendations along with development of impacts to the roles & responsibilities and competency. Budget for condition surveys in the annual plan to be confirmed following discussion with EMs as part of rates relief / economic stimulus package for the far north. Review AMS blueprint with stakeholders and project team. Document UAT requirements for AMS (only if BA resource is available). Investigate use of the resource consent compliance module.

► Programme Workstreams

Name	Type	Status	Programme Comment
INFOR	Project	■	Full operational use of INFOR will not be possible until September 2020 at the earliest (noting some parts may be ready before then) as previously articulated. Status updated to reflect revised program.
Asset lifecycle	Operational	■	Work on LAMP continues noting that non trial (digital) version will not be complete until the start of 2021. The non-digital version will however support the LTP requirements. Status updated to reflect revised timeline.
Data & analytics	Improvement	■	Condition surveys yet to start.
People & culture	Culture	■	Engagement program yet to be initiated. Communications framework to be reinvigorated.

► Programme Milestones

Milestone	Baseline Date	Actual Date	Status	Comment
Identify Stage completed	NA	30/11/19	Green	Programme plan agreed
Define Stage completed	31/03/20	10/10/20 (F)	Yellow	Operational demands on project resources along with discovered issues relating to data and data access have delayed this until September 2020. Status updated to reflect new timeline
Execute Stage completed	30/06/21		Yellow	Different projects & workstreams will deliver at different times over a 2-year timeframe. A fully operational system (without fully populated data and developed functionality will be operating by December 2020.
Product Review Stage completed	30/06/21		Green	Reviews will take place as each project is completed; however overall review of programme is scheduled Apr – Jun 2021

► Top Programme Issues

Ref #	Explanation & Cause	Priority	Action Required	Owner	Date Raised
5	Drought response and Covid-19 means availability of staff to participate in workshops or contribute to the programme is limited.	1	Project timeframe to be reviewed. Recognising that the CouncilMark demo (pilot) is not moveable.	Tony McCartney / Andy Finch	03/05/20

► Top Programme Risks

Ref #	Description	Risk Status	Current Risk Rating	Trend of Risk Rating	Mitigations	Owner	Review Date
10	Engagement with Far North Waters – due to the drought and Covid-19 this has been delayed.	Possible	Major	Stable	Meeting to be scheduled with new Programme Manager, Andy as Sponsor and Far North Waters.	Tony McCartney / Andy Finch	03/07/20
11	Program review may lead to an adjusted risk profile.	Possible	Major	Stable	Status report and mitigation framework presented. Expecting full programme lifecycle program in August 2020.	Tony McCartney	14/08/20
12	Overall programme strategy and outcome environment ill defined.	Probable	Major	Stable	Programme Manager to redefine benefits realisation and programme strategy.	Tony McCartney	14/08/20

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.

EXCECUTIVE SUMMARY

July has been a very busy and productive month for the Infrastructure Planning Team. We have been busy scoping work to support our significant wastewater consent renewals and preparing/contributing to the 2021 Long Term Plan workshops.

Substantial effort has also gone into re-planning the Cultural Induction Day in association with the Taipa WWTP resource consent mediation process. This was planned for mid-August but has been postponed by hapu as a result of community transmission of Covid-19.

Staff attended DIA workshop on Three Waters Reform with Elected Members. This workstream is coming online quickly and will be a substantial workstream to get the delivery plan developed in time for the deadlines.

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 draft Integrated Transport Strategy Programme Business Case has been revised to satisfy NZTA IQA review and has been issued to Elected Members. It now requires peer review. The 10 year cost staging of the recommended programme has also been adjusted to accommodate affordability concerns in the first three years arising post Drought, post Pandemic and from NTA indications regarding the need for substantial further investment in Maintenance Operations and Renewals (MOR). The project and its high level financial case will be covered in detail at the upcoming LTP Transport Capital Programme Workshop
WWTP consent replacement programme		●	●	●		On-going	A programme initiation document has been approved which sets the process by which the replacement resource consent applications will be programme managed. The objective of the programme is to ensure resource consent application project is adequately resourced, prepared in accordance all relevant provisions of the RMA and the best practicable option for each consent application has been determined though the appropriate LGA financial planning process prior to lodgement. An initial planning assessment has now been finalised, which 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 now underway. A high level upgrade options assessment for both plants has also been commissioned in order to inform the LTP.
2021-2051 Infrastructure Strategy	 	●	●	●		On-going	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 significant infrastructure issues and associated responses are presently being drafted. The strategy is on track for an initial draft to be completed by August 2020.
Proposed Regional Plan for Northland	All	●	●	●		Ongoing	The date for the Environment Court hearing for the appeal on water allocation rules has been set and staff are working alongside WDC and consultant planners and hydrologists to prepare evidence.
Paihia Water Strategy		●	●	●			Procurement for the modelling work is underway, RFP's were published on GETS, with the closing date 10 August 2020, proposal evaluations are currently underway and the modelling work is scheduled to commence in early September, with programme duration timed to comply with the 31 March 2021 deadline, and project scoped to align with available funding.
Water Demand Management Plans		●	●	●		TBA	Water Demand Management Plans (WDMP) aim to identify ways a particular scheme can manage demand to limit the need to invest in increased capacity. This project has not yet commenced, however, a related project is being initiated to: 1) develop demand forecasting methodologies for FNDC's water and wastewater schemes; and 2) apply those methodologies to the schemes to improve FNDC's understanding of demand forecasting. The data obtained from this demand forecasting project will assist to inform Water Demand Management Plans.
Rawene WWTP Optioneering		●	●	●		On-going	Since the workshop with Te Mauri o te Wai the consultants have issued the final report with multi criteria analysis and order of costing. FNDC staff are in the process of requesting that Te Mauri o te Wai provide a preferred option which can then be considered through the Long Term Plan Process.

Key: • Complete • In progress • Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Consent Applications/Authorisations							
Taipa WWTP Renewal/Appeal		•	•	•	•	Under Appeal	The Taipa WWTP discharge consent decision was to the Environment Court. Legal counsel has been retained to support the hearing and several technical experts have been engaged for the mediation process and to provide evidence at the hearing should they be required. All parties have agreed to mediation and the commissioners for this process have been appointed. As requested by the appellants and endorsed by the court there will be a Cultural Induction day on the 14 th August at the Taipa Marae. The day will be led and facilitated by hapu from Taipa and Parapara. It is of critical importance to Ngati Kahu/hapu that there be executive level presence at this day including the CE, GM and Mayor. Their attendance has been confirmed. Technical work to contribute to the Court evidence has been completed except for the QMRA (public health risk assessment) which requires input from Ngati Kahu representatives. A workshop for this purpose has been scheduled for 15 th August following the Cultural Induction day. Mediation will now likely to occur in October, once the QMRA has been completed, and subject to the appellants agreement.
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. An application to renew the consent will be lodged with the prior to 30 August 2021. Initial investigations into the effects of the discharge indicate that the discharge from the treatment plant is affecting the water quality and ecology of the Wairoro Stream. 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. Work is underway to commission a report that identifies possible upgrade options and high order costs for input into the LTP. Prior to lodging the consent application further technical investigations will be undertaken to ensure that the best practicable upgrade option is identified.
Kohukohu WWTP Renewal		•	•		•	August 2020	A request for further information has been received from NRC. Work has been procured to address the request for further information. Te Hono is assisting staff by arranging hui required to inform a Cultural Impact Assessment (CIA) which is required to support the application, however hapu representatives issued a comprehensive list of questions, which staff provided answers for in early August. It is hoped that a hui can be arranged in the coming weeks. A workshop with FNDC staff is being planned to review proposed upgrade options, at the completion of the workshop, a preferred option will be included for consideration within the Long Term Plan Process. Staff have obtained agreement from NRC to a deadline of 31 August 2020 for submission of the requested information, however it is expected that this date may need to be further extended to accommodate the CIA process.
Opononi / Omapere WWTP Renewal		•	•		•	Mar 2020	A final draft Cultural Impact Assessment for the discharge of wastewater to the Hokianga Harbour has been received and is expected to be complete shortly. Both the Hydrodynamic Model and the quantitative microbial risk assessment for the discharge have been completed. Staff have also obtained agreement from NRC to a new deadline of 31 August 2020 for submission of the requested information.

Key: • Complete • In progress • Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Puketotara surface water take (source for Kerikeri WTP)		●	●	●		August 2020	NRC have issued the draft conditions for a consent. Discussions about the suitability of the conditions have restarted with NRC and staff will be meeting with NRC planner in the next fortnight if the concerns are not resolved.
Motutangi Drainage District Concession application		●	●	●	●	August 2020	Draft concession report received from the Department of Conservation (DOC). Final comments on the draft have been forwarded to DOC. DOC has advised that the report will be peer reviewed and then be sent to Kaitaia's Operations Manager for approval. No update available at the time of writing.

Activity	Comment
Collaboration and Engagement	
FN2100	Planned public consultation on the Far North 2100 District Strategy has been rescheduled to December 2020. The recurring rescheduling of this project has presented issues for the originally planned concurrent release of the draft Integrated Transport Strategy and so the ITS has been realigned to be released with the Infrastructure Strategy, this being a legislated requirement of the Long-Term Plan process. Public Consultation to start March 2021
District Plan	An essential link between the District Plan (DP) and the Infrastructure team is the Engineering Standards. The Engineering Standards will be reviewed for inclusion in the DP. The Working Group met in October and agreed to the approach for the review. Each working group member is responsible for reviewing a section of the standards. Issues are escalated to the Steering Group. Both groups and the project manager are supported by a local consultant who also support WDC review their standards.
Tai Tokerau Councils Climate Change Adaptation Group (TTCCAG)	The purpose of the Climate Change Working Group is to develop a regional collaborative approach to climate change adaptation planning for local government in Northland. The working group is led by NRC. IAM Planning staff continue to participate in the working group in addition to participating in the development of FNDC's climate change roadmap which is being led by SPP.
Liaison Groups	Engagement with established Community Liaison Groups (CLG) is required by a number of our Infrastructure Consents. No Community Liaison Groups have met since Covid 19 Level 3. Waikotihe Trust have been updated by email on Kaikohe drought related issues.

New Connections and FNDC Consent Review

Activity		July 2020	YTD '20	YTD '19	
Applications for new Water and Wastewater connections		9	9	10	9 requests to connect to Council water and wastewater services were received in July 2020. Year to date Council has received 9 applications (compared to 10 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	57	57	32	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	114	114	116	IAM's consents technician input into Land Information Memorandums by completing soil reports and assessing development contributions.

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

July 2020, a temporary compliance lead to manage compliance with Resource Management Act. The following key activities have been under way:

- Clearing backlog of annual compliance reports.
- CS-Vue consent condition allocation and access profiles being reviewed.
- Review of compliance equipment and compliance metrics
- Logbook review against consent requirements
- Operations data requirements and review of vendor capable applications to be developed into a business case.

Summary of Abatement Notices

Location	Asset	Asset Type	Non-Compliance	Action Underway
	Kerikeri Sports Complex		<ul style="list-style-type: none"> Issued Dec 2016 Breach of discharge consent limit for wastewater discharge amount 	No breaches of discharge volume since November 2018. Plumbing repairs, meter calibration and maintenance undertaken. Cancellation of abatement will be requested when the new Compliance Lead has been appointed.
	Mangonui Handrail		<ul style="list-style-type: none"> Abatement notice issued May 2018 Erection of a safety rail on the Mangonui boardwalk required 	As agreed by NRC, 80m of handrail installed in September 2018 in high risk area. Consent issued for boardwalk improvements.
	Kaitiaki Recovery Centre		<ul style="list-style-type: none"> Abatement notice issued Nov 2018 Stormwater runoff from bins at site may contaminate waterway 	Interceptor / oil separator have been installed. Waiting on inspection from NRC and if satisfied a request will be made to cancel notice when the new Compliance Lead is appointed.
	Opononi WWTP		<ul style="list-style-type: none"> Abatement Notice issued Apr 2016 Plant evidencing non-compliance with E.Coli limits 	Short term: aerator and desludging have improved E.Coli readings, re-fencing of wetland area completed November 2019, wetland refurbishment costs to be input into next LTP. Long term: engagement with the Community Liaison Group continues to try and find an acceptable upgrade solution before next LTP and alongside the consent renewal.
	Kaitiaki WW Network		<ul style="list-style-type: none"> Abatement notice issued Apr 2016 Unconsented network overflows 	Screens have been installed at overflow location and programme of work underway to reduce frequency of overflows.
	Paihia WWTP		<ul style="list-style-type: none"> Abatement Notice issued Oct 2016 Breaches in ammonia ongoing 	Paihia WWTP upgrade project completed. Abatement notice cancelled on 10 August 2020 (remove in next report)
	Russell WWTP		<ul style="list-style-type: none"> Abatement notice issued Mar 2017 Intermittent breaches in E.Coli 	Various upgrade work undertaken during 2018/2019, plant compliant for several months however November, evidenced non-compliance due to operator error during process upgrade. E.coli on-compliances also in March and June. Waiting on investigation and report to determine cause.
	Ahipara WWTP		<ul style="list-style-type: none"> Abatement notice issued Mar 2018 Non-compliant leachate volume to pond from Ahipara Landfill. 	Pump controller upgraded 2019 however slight exceedances of consent limit have still occurred occasionally. Continue monitoring.
	Kawakawa WWTP		<ul style="list-style-type: none"> Abatement notice issued Feb 2020 De-sludging activities by Conhur (contractor) not compliant with consent conditions 	Following the issue of the notice NRC monitoring officer met with Conhur and FNW on site to discuss the non-compliance. Conhur subsequently pegged the max sludge height to avoid exceeding the 200mm freeboard. Contractors are now aware of the conditions of consent relating other de-sludging activity. NRC satisfied the compliance issues have been resolved and no further action is required.
	Kerikeri WWTP		<ul style="list-style-type: none"> Abatement notice July 2020 Non-compliance with wastewater discharge criteria 	Kerikeri WWTP required to be commissioned and operating on/before 30 November 2020 to meet requirements of this abatement notice.

ASSET MANAGEMENT

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

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

EXECUTIVE SUMMARY

July has been another busy month whereby focusing on key factors such as;

- 3 Waters and District Facilities Long-Term Plan (LTP) Workshops coming up through August to October 2020
- Asset Management Plan (AMP) for 3 Waters (3W) and District Facilities (DF)
- 3 Waters Reform with Central Government and what that entails for Local Government
- Development Contributions Policy
- Implementation of the new Asset Management System (AMS)
- Water Safety Plans to align with the new Drinking Water Standards NZ
- FY20/21 Capital Works Programme and scope delivery thereof
- Key projects
- Business as Usual (BAU)

A significant focus has been on asset planning for the next LTP which takes up a significant portion of the asset managers time. Coupled with this is the requirement to produce the AMP for 3W and DF to align with the LTP process. All this work is to be completed by 30 October 2020.

The new Drinking Water Standards set out by the Ministry of Health, as a matter of urgency, the Northland District Health Board (NDHB), Drinking Water Assessor, has requested a timeline and a serious commitment by FNDC to update and re-submit their water safety plans, to comply with the updated New Zealand Drinking-water Safety Plan Framework (Ministry of Health, 2018). A significant piece of work surrounding Water Safety Plans (WSPs) for all FNDCs 9 owned and operated Water Treatment plants is underway.




Asset Management and Infrastructure Planning have been tasked with looking at what is required to assist with establishing a development contributions (DCs) policy. This is another significant piece of work and does not rely on asset condition but on capacity. To do this work we will need to ensure that the water, wastewater and stormwater models for each network are reviewed and where necessary updated. This involves a significant amount of time and will have significant cost implications.







Work continues on developing a statement of work (SoW), Scope or indicative business case (IBC) for every project in the FY20/21 Annual Plan (AP) in order for it to be handed to the Project Delivery team to ensure that the Capital Works Programme is achieved.

Work continues with the implementation of the new asset management system (AMS) INFOR and likely to be operational by December 2020.

Key: ● Complete ● In progress ● Parked



Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Strategies / Plans / Policies							
Living Asset Management Plan (LAMP)	All	●	●			FY20/21	First draft to SLT / EMs by end of June 2021 (due to delay with INFOR system implementation the timeframe for the LAMP has been delayed). <i>(Please refer to Programme Darwin section for further details).</i>
Asset Management Plans (3 Waters and District Facilities)	All	●	●	●		FY20/21	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 will be available by November 2020.
Asset Management Strategy	All	●	●			FY21/22	Being developed based on review being done for the 30 Year Infrastructure Strategy by Infrastructure Planning for the next LTP (FY21/31). This work will be completed by December 2021.
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 have commenced planning for the next LTP being FY21/31. The current LTP is being looked at in-depth and future asset planning being considered for the next round.
ISO55000	All	●				FY21	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	Underway. Being consulted on with GHD. A draft plan is in place and draft strategy provided by May 2020. Infrastructure Planning is holding workshops with SLT and EMs on the 30 Year Infrastructure Strategy. It is likely the SW Strategy will be incorporated into these workshops as an overview.
Stormwater Catchment Management Plans		●	●	●		Underway	Underway – FY19/20 to FY21/22 (3-year process)
Vesting Assets to Council Policy	All	●	●			FY20/21	Consulted with Audit, Risk and Finance and a process is being drafted by them to aid with this. 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. Approval through the Annual Plan for FY20/21, and additional \$1 mil over the next year (FY20/21) has been provided to carry on with this programme.
Inventory Assessment - DF Assets		●	●	●	●	Ongoing	n/a

Activity	Asset Group	Status				Expected Completion	Comment
		Concept	Plan	Deliver	Handover		
Project Pipeline – Initiations - Includes planning, feasibility studies, options assessments, business casing etc. before handover for Project Delivery							
Hihi WWTP		●	●			FY22/23	Plant upgrade is required. Resource consent being applied for through Infrastructure planning team. Additional funding required and will be submitted for as part of the LTP (FY21/31). Likely additional funding estimate to be available by end of July 2020.
East Coast (Taipa) WWTP		●	●			FY20/21 – FY21/22	Plant evidencing non-compliance with resource consent. Initial upgrade and disposal options assessment undertaken, further assessment and consultation required. And, due to the current appeal we don't know what this will entail at this stage. Refer to Taipa WWTP Renewal / Appeal under Infrastructure Planning section above.
Other							
Asset Management System	All	●	●	●		FY20/21	Full operational use of INFOR won't be possible until December 2020 (please refer to Programme Darwin for full details).
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		●	●			FY20/21 – FY22/23	A consultant, GHD, has been engaged to peer review the Kerikeri Water Network Models to begin with (whereby focusing on the main growth area at this stage). Depending on the review, funding requirements to upgrade the models will be submitted as part of the LTP process. This is required to assist in establishing a development contributions (DC) policy.
Wastewater modelling requirements		●	●			FY20/21 – FY22/23	A consultant, GHD, has been engaged to peer review the Kerikeri WasteWater Network Models to begin with (whereby focusing on the main growth area at this stage). Depending on the review, funding requirements to upgrade the models will be submitted as part of the LTP process. This is required to assist in establishing a development contributions (DC) policy.
Area of Benefit Plan updates – Stormwater		●				FY21	To be investigated
Data Cleanse / Tidy Up	All	●	●	●	●	Underway	A continual process but aim to have it completed prior to Phase 1A implementation of the new AMS (September 2020).

DISTRICT FACILITIES

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

EXECUTIVE SUMMARY

July continues to be an extremely busy period impacted by planning the 2021-31 LTP, extreme weather events and many and varied matters.

The recent MBIE, Te Tai Tokerau Worker Redeployment funding initiative is starting to pick up momentum with our contractor RSL having employed 3 workers with another 2-3 being interviewed and considered for the program. This funding stream will be utilised for weed control and general maintenance in high profile areas across the district.

On-going discussions continue concerning the District Facilities main contracts with work now underway concerning the Cleaning and Security contracts. Discussions to date have highlighted the need for additional funding to cover CPI adjustments, staff costs and yet to be agreed changes to some the contracts which will result in increased costs.

AFFECTS OF RECENT WEATHER EVENTS

The recent major storm event impacted a number of areas District Facilities (DF) are responsible for including:

Charlies Rock Walkway entrance was totally washed out. This is the second time this area has been affected in this way within 3 years and at present a concerted effort involving DF, 3 Waters and Roading is being looked at to remedy the stormwater runoff and control to try to eliminate this issue from happening again. Response back form 3 Water Engineers is required as a first step to determine responsibilities and repair methodology.



Kaka Street Beach Access ramp was also affected again with the access ramp badly eroded away resulting in major vehicle access issues. Again, this issue will require a coordinated response from the IAM's Department to better understand what is causing the issue and whether it is a natural event that can be rectified / controlled, or do we need to consider other access options. Roading staff were meeting with the local Hapu rep to hear their views.



Hihī Foreshore - another concern is the continued erosion of the cliffs along the Hihī foreshore eroding the

Council reserve in front of private residential properties, resulting in trees falling off the cliff face and onto the beach below.

Contractors are currently assessing the site.



Freese Park, Omapere - the major erosion along the shoreline continue and has been fenced off with temporary fencing to help ensure the public are not entering the hazardous area above within the reserve. Currently this is awaiting further consultation to coordinate a response and repair.



Johnson Park, Kawakawa was also impacted by the event with most of the playground soft fall having been washed out and a significant amount of debris was piled up along the bollards and fencing etc.



English Bay, Opua - a large wilding Pine tree fell onto the dinghy rack during the weather event. Plans are being made with an arborist to have the tree removed and assess the degree of damage caused.



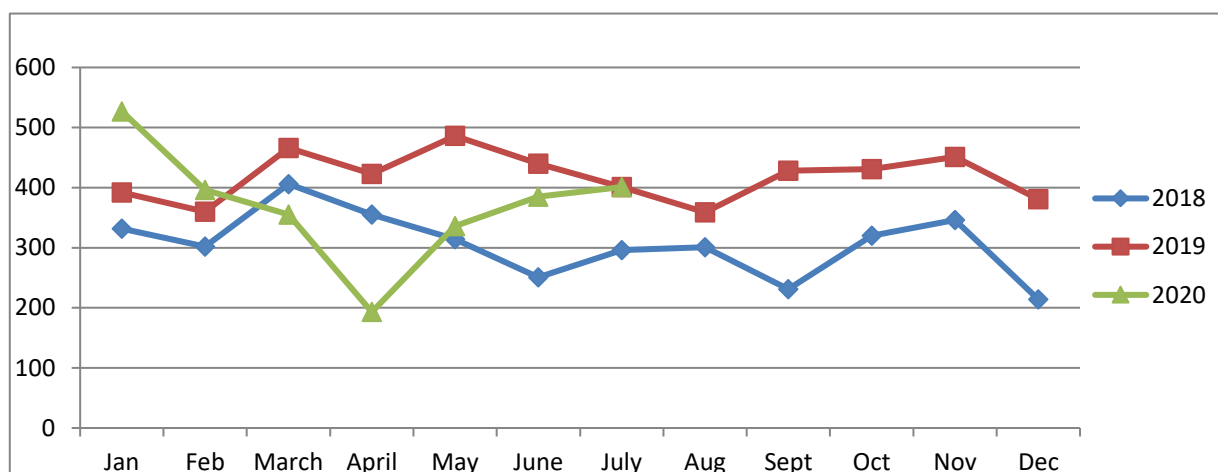
Te Tii Beach, Paihia – this was another area affected by the recent stormwater event. This area suffered significant issues causing washouts at beach accesses and logs being washed up onto the beach which required removal.



CUSTOMER EXPERIENCE PROGRAMME

Monthly District Facilities RFS numbers are:

	Jan	Feb	Mar	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	401						1807



District Facilities – Monthly RFS numbers

At the time of writing this report, the customer experience programme July report had not been received.

HEALTH AND SAFETY

Recreational Services

ACCIDENT TYPE	July '19	Aug '19	Sept '19	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	April '20	May '20	June '20	July '20
Near Miss	0	0	2	0	1	0	0	0	0	0	0	0	0
Vehicle / machinery near miss	-	-	3	0	2	2	0	0	3	0	0	3	0
Non-serious harm	1	1	0	1	1	1	1	0	2	0	4	1	0
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0	0
Vehicle / Machinery accident incl. 3 rd party	0	1	0	0	0	0	0	0	0	0	0	1	0

Waste Management (Southern RTS)

ACCIDENT TYPE	Aug '19	Sept '19	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	April '20	May '20	June '20	July '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	4
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	1	0	0	0	1	0	0	0	0	0	0

Non-serious harm:

- Potholes in entrance KHO RTS
- Flooding in the Packer bay KHO RTS
- Fallen Trees Opononi RTS
- Sewage Pump required replacing at KHO RTS

Northland Waste (Northern RTS)

ACCIDENT TYPE	Aug '19	Sept '19	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	Apr '20	May '20	June '20	July '20
Near Miss	0	1	0	0	0	1	1	0	0	0	0	0
Non-serious harm	1	1	1	0	1	0	0	1	2	1	3	3
Serious harm	0	0	0	0	0	0	0	0	0	0	0	0
LTI	1	0	0	0	1	0	0	1	1	0	0	0
Vehicle / Machinery accident	2	0	1	1	2	2	0	1	0	0	0	0

Non-serious harm:

- Flooding across entryway at Kaitaia RTS
- Break-in at Whatuwahiwi: 4 to 6 car batteries taken from recycling
- Break-in at Taipa: gas bottle cage stolen

Broad-spectrum (Russell RTS and landfill)

ACCIDENT TYPE	Aug '19	Sept '19	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	Apr '20	May '20	June '20	July '20
Near Miss	0	0	1	0	0	0	0	0	0	0	0	0
Non-serious harm	0	0	0	0	0	0	0	0	0	0	0	0

ACCIDENT TYPE	Aug '19	Sept '19	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	Apr '20	May '20	June '20	July '20
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	Aug '19	Sept '19	Oct '19	Nov '19	Dec '19	Jan '20	Feb '20	Mar '20	Apr '20	May '20	June '20	July '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 (Swimming Pools - Kaitaia, Kaikohe and Kerikeri)

ACCIDENT TYPE	Jan '20	Feb '20	March '20	C L O S E D
Near Miss	3 KTA	1 KTA	1 KTA	
Non-serious harm	1 Keri	5 Keri	1 Keri	
Serious harm	0	0	0	
LTI	0	0	0	
Vehicle / Machinery accident	0	0	0	

ALL pools CLOSED

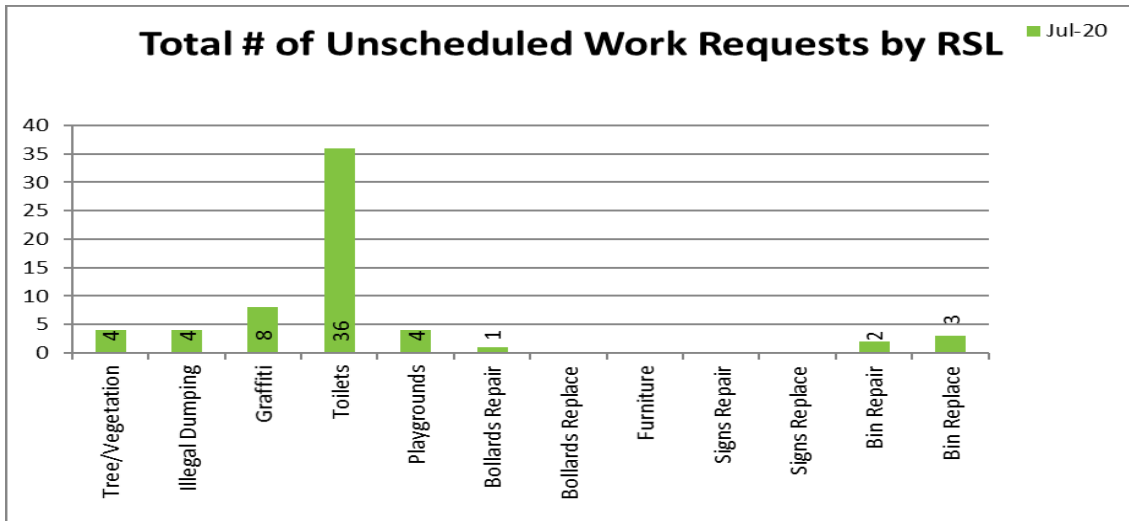
NON-SERIOUS HARM

- Not applicable

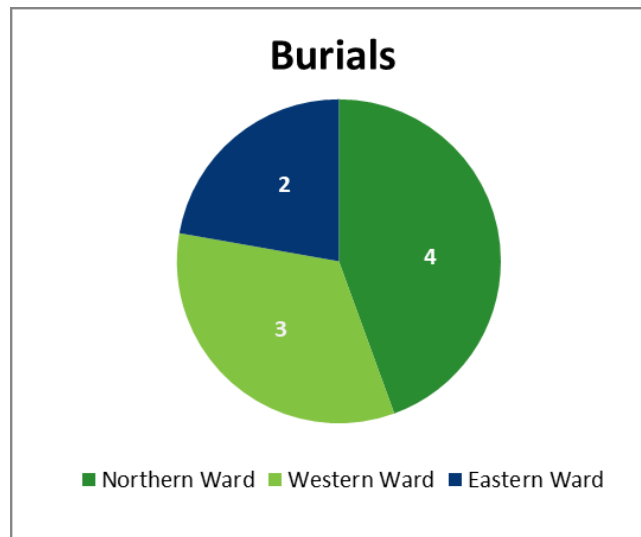
CLOSURES

- Not applicable

RECREATIONAL SERVICES

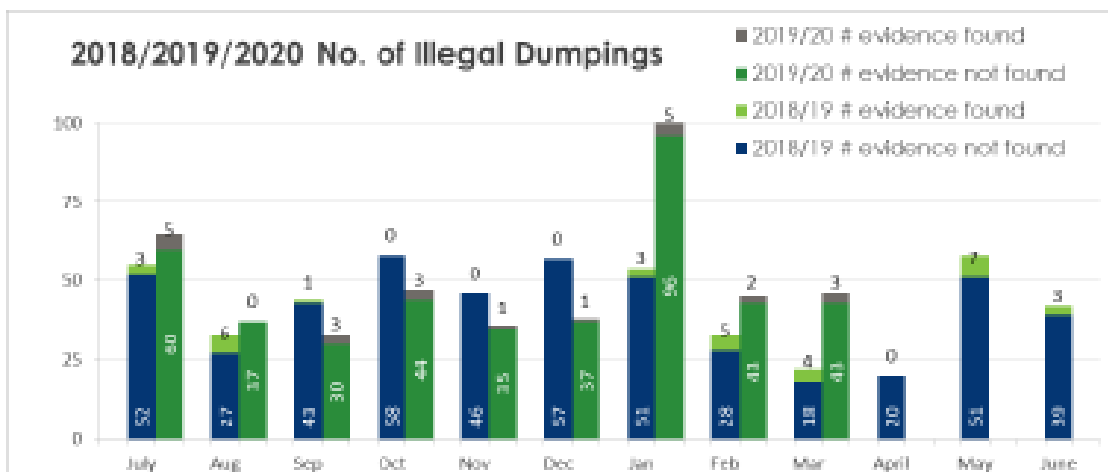


Number of unscheduled works requested by RSL



Number of burials at Council public cemeteries

Illegal Dumping





Litter Disposal Volumes

Location	Dec '19	Jan '20	Feb '20	March '20	April '20	May '20	June '20	July '20
Kaitaia Transfer Station	29m3	167.75m3	97.45m3	56m3	NA due to COVID-19	NA due to COVID-19	103.4m3 13 bags 23 tyres	98.75m3
Whitehills Transfer Station	181.51m3	222.19m3 & 380kg	129.44m3	66.9m3			122.23m3 33 bags	104.4m3
Kaikohe Transfer Station	7.6m3 & 6140kg	144.39m3 & 3020kg	83.2m3 & 3450kg	54.12m3 & 1910kg			79.9m3 3300kg	46.4m3 18 bags
Russell	15.5m3	14.5m3	28m3	3.5m3 & 15 bags			1.5m3	1.5m3
Kerikeri	4.49m3 & 240litres	5m3 & 42 bags					-	-
Whangae	103.70m3		96.65m3	453.8m3			45.69m3	95.1m3
Opononi				17.4m3			-	-

RSL Litter volumes disposed of at Council Transfer Stations

TOWN MAINTENANCE

During the weather event a shop awning started to break apart on Broadway Kaikohe. A quick call was made to BSL who acted fast to isolate the area and put safety controls in place. Due to suspected asbestos contamination the debris was not removed immediately. Team Leader - Compliance contacted the shop owners and instructed that the debris be removed immediately from the footpath and the awning be assessed for safety.

Broadway, Kaikohe



RSL Audits

2020	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Met	15	7	NC	NC	6	4	14					
Not met	0	0	NC	NC	2	1	2					
Non-performance Notice	0	0	NC	NC	0	1	0					

YTD audit results

July 2020 AUDIT DETAILS	Met	Not met	Non-performance notice	Comment
Reserve mowing				
Edge control		1		Spray band over required width in Mangonui township
Playground				
Cemetery				
Toilets		1		Ahipara Foreshore toilets cleaning not to standard and graffiti on the metre box
Litter and Town Maintenance				
CONTRACT AUDIT				
Unscheduled	3			
Contract				
TOTAL				

PARKS AND RESERVES

Parkdale Reserve, Kaitaia - with the help of the Monitoring Team and local Police, the District Facilities team were able to remove squatters, including their possessions which included a caravan, and a van from off Parkdale Reserve. The occupiers have been causing issues with local neighbours and the police due to their unruly behaviour which included alcohol, domestic violence and gang related activity.

Remembrance Park, Kaitaia – The Kaitaia RSA President approached Council in 2019 with a request for additional memorial war plaques be added to the Angel Memorial Wall to honour those who served and are still serving e.g.: Mission in Support of Peace, Timor-Leste, Afghanistan, Iraq and Maori Wars. The plaques

were to be installed in time for 2020 ANZAC Dawn Ceremony however due to COVID this work was delayed until July.



Remembrance Park, Kaitia

Russell - a large Willow tree growing on Council reserve situated next to the St John building was assessed by an arborist whose found the tree had rot in the base and was in decline. Due to the unsafe nature of the tree it was removed from the site.



Russell – Willow Tree

Fairy Pools Reserve, Kerikeri - *P. agathidicida* (Kauri Dieback) was not detected as initially thought. Indications are that *P. cinnamomi* was detected which is widespread across Northland. This result means there are no hygiene requirements re foot traffic around Fairy Pools (east side of the river). NRC suggests that the mowing contractors clean their machines/equipment before heading to other sites particularly if Kauri is present.

Lily Pond Reserve, Haruru - a community driven planting program along the Waitangi River has started. The initiative was driven by Te Mahere Whakauka (The Hope Project) with involvement from Sustainable Coastlines, the Department of Corrections, NRC, Whitebait Connection, ANZ and local volunteers. Over 3000 native plants (propagated by Ngawha Prison inmates) were planted in the first stage with a long-term view of over 45,000 plants being planted along the Waitangi River banks. A second planting day was held the following day on private property on the opposite side of the river. The long-term vision of the project is to continue using plants propagated by the inmates, using Home Detention people carry on with a maintenance and clearing program. Whitebait Connection has also begun a water quality survey of the river to monitor its progress and response to the regeneration efforts and they have expressed a willingness to share this data with Council.

Lindvart Park, Kaikohe - ongoing issues concerning the riding of trail bikes and horses on the sports field continue. Works continue with improved /new fencing, signage, a community flyer that asks for their help and to phone 105, with evidence of the few who are causing the issues for many.

CEMETERIES

Russell Cemetery – the gifting of land discussions continues with Antonio Pasquale. There is a QEII area located over the land that is on offer. Legal services have been asked to check if this will have an impact on the possibility of this land being used as a cemetery.

Kaikohe Cemetery - the heavy rain in July event caused surface water flooding issues around the some of the plots. Internal discussions are being had with FNDC staff around possible drainage improvements which may elevate the issue.



Picture showing surface water at the Kaikohe Cemetery

PUBLIC TOILETS

In the last two weeks the follow toilet blocks have been deep cleaned - Kaimaumau, Waipapakauri, Awanui, Houhora (next to the Game Fish Club), Rangiputa, Pehipe, Whatuwhiwhi, Ramp Road, Waiotaraire, Cable Bay, Mangonui Hall and Mangonui Lions Park.

Joint audits continued with RSL in the Eastern Ward. There has been an overall improvement in the cleanliness of the public toilets as a result.

PLAYGROUNDS

Awanui playground – installed a new slide.

Jaycee Park - the train has received a new coat of red paint. Unfortunately, further rust work is required so due to the ongoing Healthy and Safety concerns relating to this work the temporary security fencing remains in place.

ENCROACHMENTS

Work continues to address a number of encroachment issues across the District. Specific areas include Te Hue Bay where a well-known local continues to remove his dwellings and other miscellaneous buildings from the Council reserve. A further 4-month extension period has been provided due to COVID. All illegal structures must be removed 19 October 2020.

Correspondence dated 6 August was forwarded (████████████████████) requesting the removal of the container located on Te Tii Point, Waitangi. The container was placed just prior to Waitangi 2020 without any approvals. ██████ proposal is the container will house his ██████ business operation. The response received signals Ngati Rahiri are now supporting ██████ kaupapa and therefore the container remaining on site. This matter will require further discussions.

Other encroachments continue to be investigated.

2019/20 MBIE TE TAI TOKERAU REDEPLOYMENT FUND

The new RSL employees, who have started as part of this program, are currently going through training and induction procedures. One of the first initiatives they will be involved in will be the Broadleaf and Onehunga Weed spraying program across high profile sports fields, parks and reserves.

SOLID WASTE

FNDC Solid Waste Services

Panguru Community Recycling Centre

The Panguru recycling centre was established as a standalone site before Council accepted recycling at its refuse transfer stations. The Hokianga Health Enterprise Trust who own the land the recycling centre is on, have indicated they want Council to relocate the facility. Moving recycling to the Panguru Refuse Transfer station is the logical option and will result in estimated annual savings of \$7K.

Solid Waste Contracts

Russell Landfill and Recycling Centre contract

The Council approved to extend the Russell Transfer station and landfill contract for one year rather than the staff recommended extension of 2 years. Some Councillors seemed keen on involving local social enterprise in this contract however no local social enterprise has sufficient landfill operation experience. Separating out the landfill component of the contract may overcome this barrier, but it comes with additional costs and risks. We have started the process to develop a new tender to reflect sustainable procurement, but the limited timeframe means that a full review of the contract may not be possible.

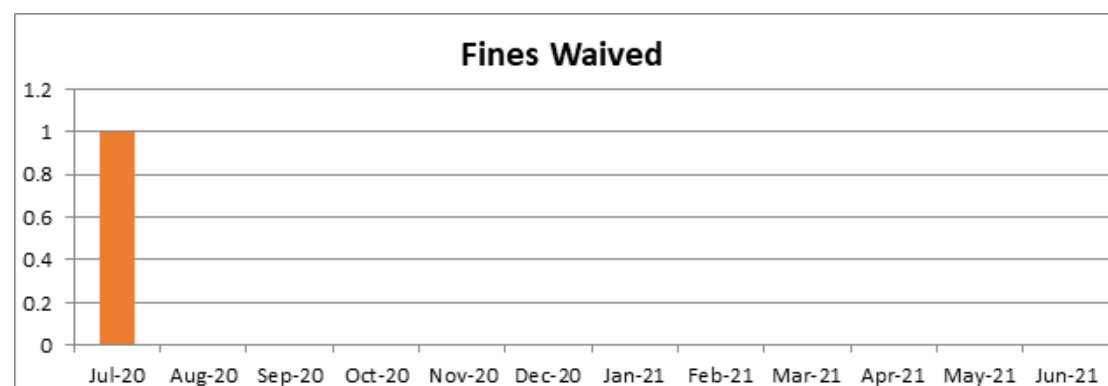
Waste Minimisation and Education contract. A report for the August 13th Council meeting has been prepared requesting a contract extension to 30 September 2022 within existing budgets.

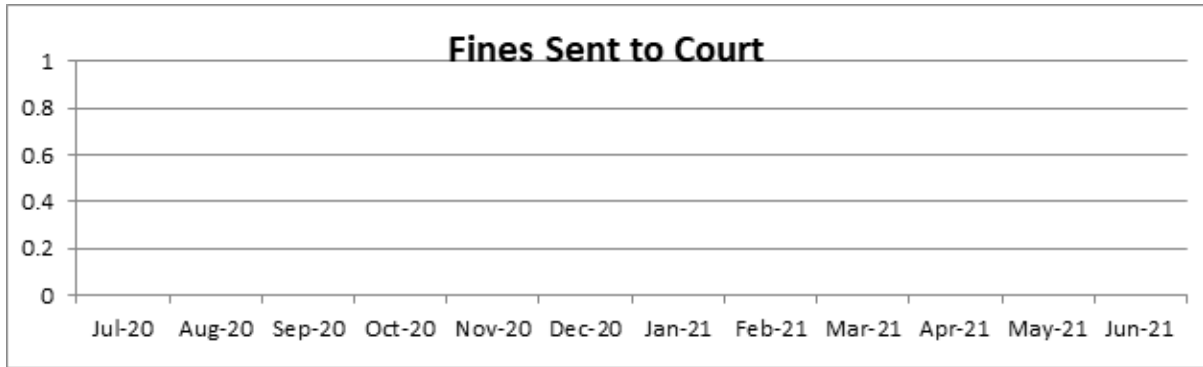
Northern Waste Contract. Northland Waste has proposed a new transport and disposal rate of \$165/ton to take waste to Whangarei now that the Ahipara Landfill has closed. This additional \$32.68/ton seems reasonable considering the additional 144 km of transport required (288km round trip). This equates to an additional cost of approximately \$88,000 per year based on 2,700 tons of waste.

A report for the August 13th Council meeting has been prepared requesting a contract extension to 30 September 2022.

Southern Waste Contract. Waste Management have agreed in principal to a 2-year extension under the existing terms of the contract. A report for the August 13th Council meeting has been prepared requesting a contract extension to 30 September 2022.

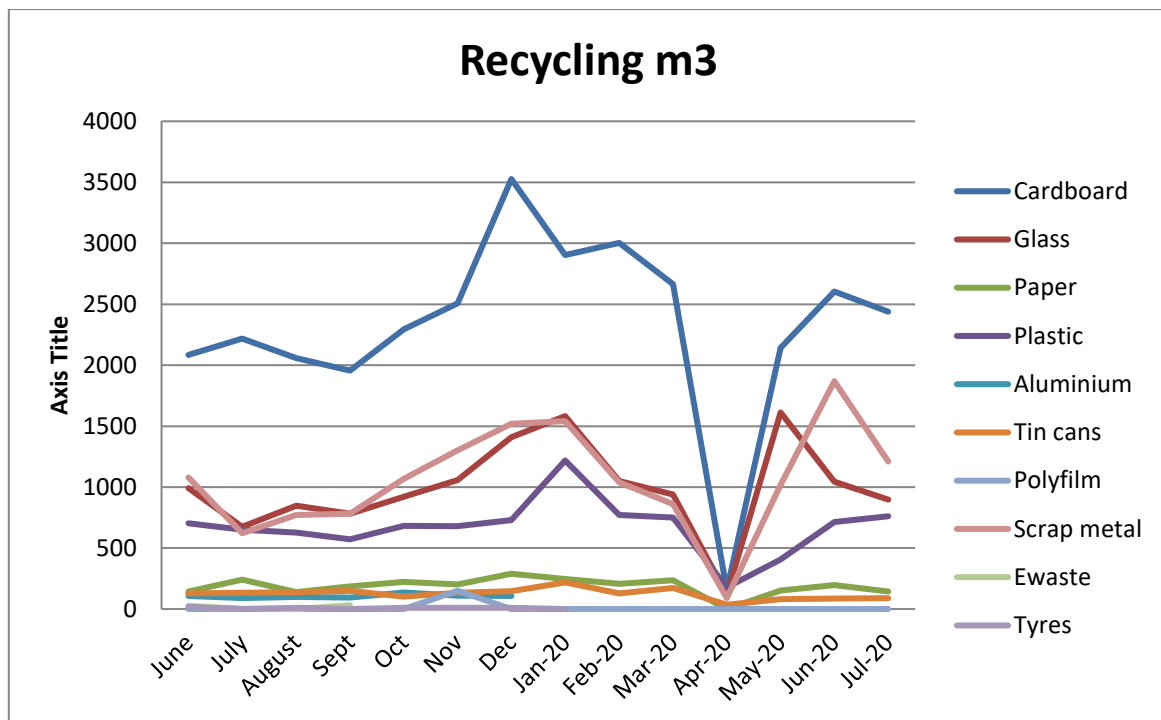
LITTER INFRINGEMENT ACTION

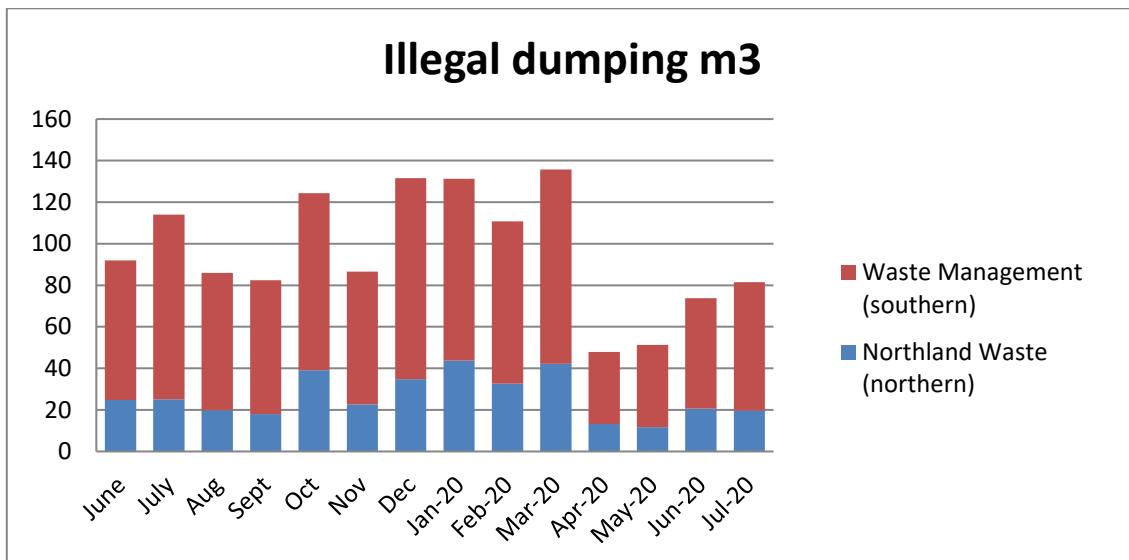
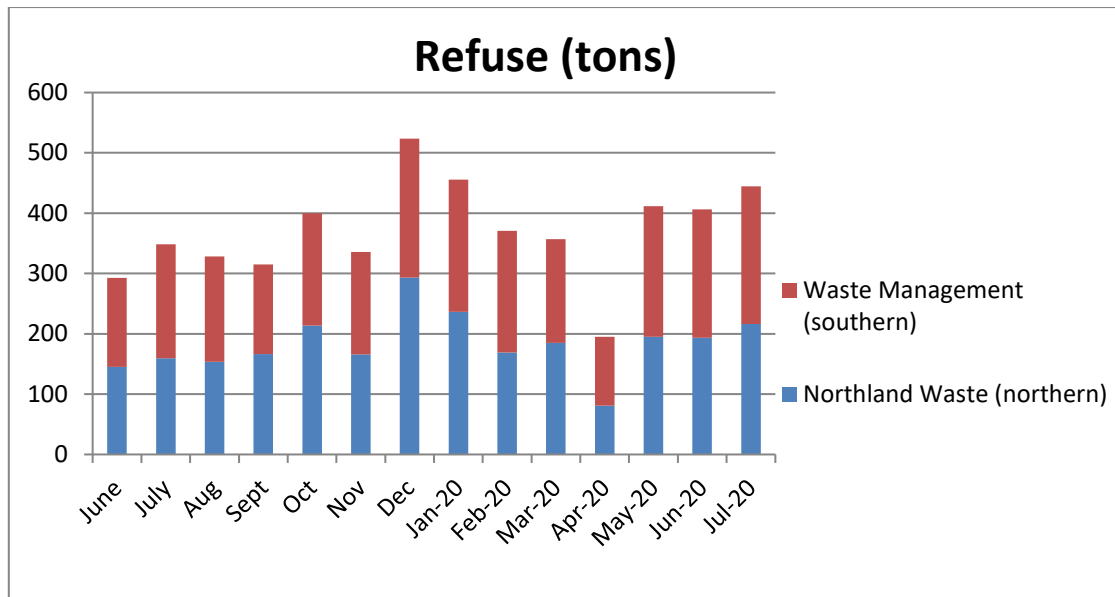




Notice Number	Offence Date	Offence Type	Status	Balance	Current Contact	Offence Details	Location Details	Month
5166	15/04/2020	Deposited litter in / on public place \$400 >120L	First Notice	\$400	Kaitaia	RFS 4003152		Jul-20
5165	9/06/2020	Deposited litter in/on a public place \$150 1L-20L	Completed (Exemptions)	\$0	Kaikohe	RFS 4009863	Adjacent to Waitangi Forest entrance	Jul-20

SOLID WASTE STATS –





SWIMMING POOLS

Many of the outstanding contractual issues have now been resolved. A COVID invoice and the Kaitaia Pool dangerous goods certification remain outstanding, but discussions and options continue to be explored.

COVID-19 invoice – an invoice was received totaling \$6,000 + GST for management, HR and accounting expenses in response to the COVID-19 period for the three seasonal pools. Sport Northland has also received a similar invoice. This invoice is being disputed as CBEC were requested to cease any works on the pools on 1 April when it was realized they were continuing to attend to what was classed as non-essential services.

Kaitaia Pool Dangerous Goods Certification - The process of obtaining a dangerous goods certificate for Kaitaia is ongoing. New plans have been submitted and we have been advised that we may need to increase the number of chlorine gas handlers to two, upgrade the positive pressure masks and install a remotely monitored thermometer within the gas storage unit. We remain optimistic this issue will be resolved soon.

Contract Variation - the new contract needs to be varied to take account the 2-month extension, to reflect the Hapori Aquatics name change and to include the updated MOU with Northland College. This should happen August.

Kaikohe Pool – this pool remains empty and will need for Council to start conversations with Northland

College to establish a MOU that should clearly identify roles and responsibilities.

BOI Recreation and Pool Facility -Sport Northland are still in the process of obtaining the CCC and CPU for the BOI Recreation Centre. This has been hampered by the discovery of a leak in the roof which needs to be fixed first. Sport Northland have requested that FNDC provide support for the repairs from their capital / long term maintenance fund. This will be considered once a number of quotes have been received.

COMMUNITY FACILITIES

Lake Ohia Community Hall

In discussion with the hall committee, we are currently waiting on the results of a condition assessment of this facility before proceeding with a meeting. Ideally, this will happen in August.

Okaihau Hall

Bubbles in the exterior paintwork continue to appear. It is believed these are as a result of painting being carried out in unsuitable weather and on timber that was old and untreated etc. Works were planned to treat and pop the said bubbles but was delayed due to COVID and staffing matters. Stormwater issues have also been noted and a plumber engaged to investigate.

Opononi RSA Hall

Discussions being had about the upkeep of the lawns and gardens. As per the hall policy, this is a Council responsibility and has been referred to RSL to provide a quote. A discussion has also been had about the installation of signage at the front of the hall - this requires input from Council planners and NZTA. Other discussions also include the possibility of the guns located at the Kaikohe RSA being transferred to the hall site.

Te Hononga, Kawakawa

Discussions continue to clarify operational roles and responsibilities involving cleaning, security and the public toilets and showers. It is also acknowledged that the future of the existing Hundertwasser toilet and tree need to be resolved and any discussions will need to be socialised.

Kaeo Service Centre / Library building

Heritage NZ has received an application to have this building list as a Category 2 historic place. At this time of writing this report, a letter dated 1 July from Heritage NZ has confirmed this listing has been approved.

Rawene Campus

Haigh Workman have completed the assessment of this facility and we are now waiting on the detailed information to become available.

The master key system established by North Tec and managed by a Whangarei company has finally been resolved and transferred over to Council.

Rawene Hall

Compliance work identified as per the recent Building Fire report are progressing. Request for quotes have been sent to Suppliers and will be allocated out once the details have been finalised.

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	Feb	Mar	Apr	May	Jun	Jul-19	Aug	Sep	Oct	Nov	Dec	Jan-20	Feb-20	Mar-20	Apr-20	May-20	June	Jul-20	
# units vacated (received for refurbishing)	3	2	1	5	4	3	1	1	1	4	3	0	1	2	0	1	3	0	0	
	Northern: Ahipara, Oxford			Ahipara, Oxford St	Oxford Street	Oxford Street		Puckey Ave		Awanui Oxford St + Puckey Ave	Oxford St			Puckey Ave			Awanui, Oxford Street	Awanui		
	Western: Kaikohe	Kaikohe	Kohukohu	Kaikohe, Kohukohu	Kaikohe, Kohukohu	Kaikohe	Kaikohe		Kaikohe		Kaikohe			Rawene				Rawene		
Eastern: Kerikeri			Kerikeri	Kerikeri	Kerikeri	Kawakawa														
# unit refurbishments progressing	5	6	7	5	9	7	7	5	6	6	7	6	6	5	5	4	4	7	7	
	Northern: Oxford	Oxford, Ahipara	Ahipara, Oxford		Ahipara, Oxford St	Oxford St	Oxford St	Oxford St	Oxford St, Puckey Ave	Oxford St	Oxford Street	Oxford Street							Awanui, Oxford St	Awanui (2), Oxford St
	Western: Kaikohe	Kaikohe	Kaikohe, Waima	Kaikohe, Waima, Kohukohu	Kaikohe, Waima, Kohukohu	Kaikohe, Waima, Kohukohu	Kohukohu, Waima	Kaikohe, Waima	Waima, Kaikohe	Waima, Kaikohe	Waima, Kaikohe	Waima, Kaikohe	Waima, Kaikohe	Waima Kaikohe (3) Rawene	Waima Kaikohe (2) Rawene	Waima, Kaikohe	Waima, Kaikohe (2)	Waima, Kaikohe (2)	Kaikohe, Rawene, Waima	Kaikohe (2), Rawene
Eastern: Kerikeri			Kerikeri	Kerikeri	Kerikeri, Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	Kawakawa	
# units completed (returned for tenancing)	0	1	2	3	3	2	2	3	1	5	0	2	1	2	1	0	0	0	1	
	Northern:			Ahipara, Oxford	Ahipara, Oxford				Oxford Street	Awanui Oxford St + Puckey Ave		Oxford St		Puckey Ave	Oxford St					
	Western:			Kaikohe			Kaikohe	Kaikohe	Kohukohu		Kaikohe			Kaikohe	Rawene				Waima	
Eastern:		Kerikeri					Kerikeri													

Healthy Homes Regulations

Council’s requirements to meet these government regulations are currently being scoped for project delivery.

Omapere HFE project delivery draft stopping and installation of heating has a tentative start date booked for 26 August. This work includes the window repairs required for each unit as well as the installation of heating units on completion. The scheduled end date is the end of September with alternate accommodation being arranged for tenants for the duration of the repairs.

Waima Village

Due to the ongoing failure of the water sampling at this facility, urgent remedial repairs to the existing water tanks and filtering system are underway. Replacement water tanks, which were procured as part of the recent drought response, are currently trying to be secured for this site.

Rawene Village

Unit 3 is currently undergoing extensive urgent renewal work as a result of a gradual leak within the wall lining of the shower unit causing extensive damage to the entire bathroom and laundry area. The unit is currently occupied, and the tenant has been provided with the keys to a vacant unit to temporarily use for showering facilities for the duration of the repairs, with an option of a full transfer to the vacant unit. An insurance claim for these damages is being prepared to lodge with AON.

LEASES / AGREEMENTS

JULY	To do	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing	Completed this month
Western	Northland College - Swimming Pool MOU (new)		Opononi Statue Agreement	JAN: Opononi Bowling Club Lease (new)	SEPT '19: RAD Lease		
	Rawene Campus			JAN: Hokianga Coastguard Lease (new)	JULY '20: Kaikohe Market		
				JAN: Hokianga Treks			
Eastern	Cherry Park House Lease (new)		DEC '19: Bledisloe Domain Agreement (on hold)	JUNE: Russell Sports Trust Lease (renewal)	JULY '20: Kerikeri Walking Group (Volunteer Agreement)	JULY '20: Vision Kerikeri Wairoa Stream (Volunteer Agreement)	
	Kerikeri College - Swimming Pool MOU (review)		AUG '19: Kawakawa Memorial Library Hall Lease (renewal?)	JUNE: Kerikeri Bowling Club (renewal)			
	Russell Tennis Club (new)		JULY: Rolands Wood - agreement updated to reflect Council report. Once confirmed Matter will now proceed to the High Court to change over the Trust Deed	APRIL: Waipapa public toilet agreement	ONGOING: Walls Bay (Doug Smuck)		
	Focus Paihia - Paihia Village Green			Investigation: * Tauranga Bay - water easement Agreement (new due to expiry)	ONGOING: Kerikeri Sports Complex Lease (new)		
Northern	FEB: Te Hiku Sports Hub land lease (on hold)	JAN '20: Te Rarawa Rugby lease (new)	ON HOLD (June): Kaitaia Saturday Market Agreement (new)	JAN: St Johns Ambulance Ahipara Lease (renewal)	MAY: Waioataira Reserve - public toilet water supply agreement (new)	JULY: APRI - Unahi Wharf Agreement (new)	JULY: Houhora Point public toilet service agreement
		JAN '20: Hihii Community Centre Lease (new)	JAN: Te Kao - public toilet Agreement (new)	JAN '20: Te Kohanga Reo o Houhora Lease (new)			
		JUNE: Kaitaia Plunket Lease		FEB '20: Tumanako o Kaitaia Kohanga Reo Trust (new)			
Other	Far North Holdings - property agreement SP&P to do: * Paihia Village Green Management Plan						

Roland's Wood

Council has agreed to continue with the mowing and spraying maintenance works of this park. This has cleared a way forward for the Friends of Roland's Wood to take over the responsibility of the Trust Deed once the Agreement proceedings are heard within the High Court.

Houhora Public Toilet and Reserve Agreement

The agreement has been signed by [REDACTED] the Houhora Heads Motor Camp Ltd.

Unahi Reserve, Awanui

Minor details continue to be discussed with the Agreement and should be finalised August / September.

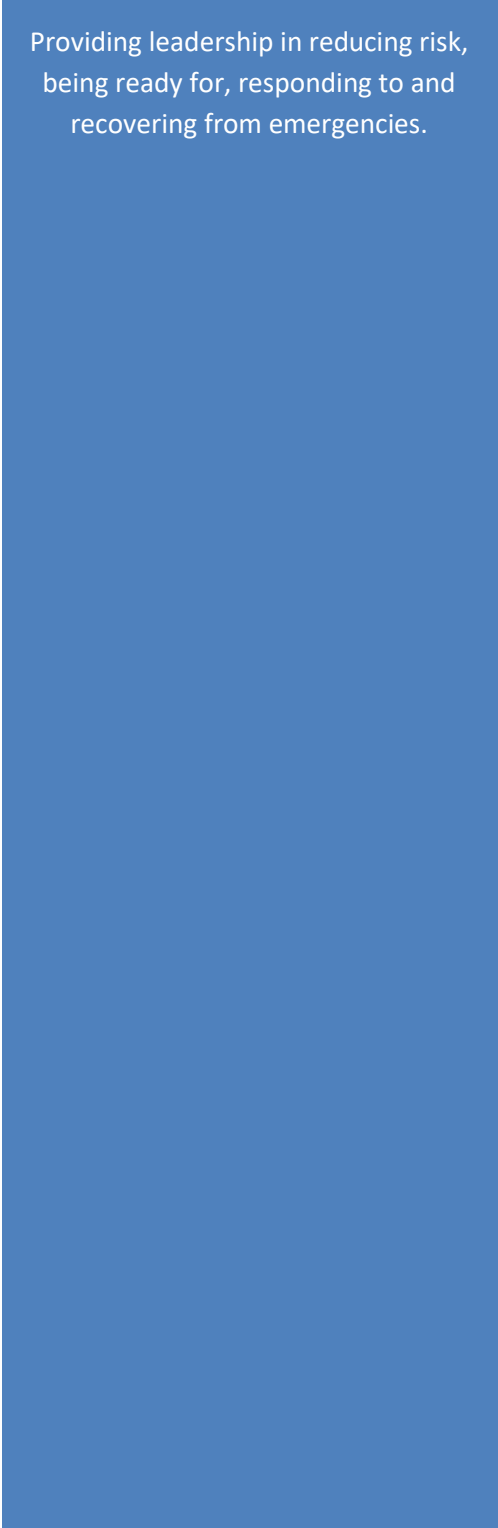
Kerikeri Bowling Club, Kerikeri

The lease is progressing having started with the original document. The Agreement and should be finalised August / September.



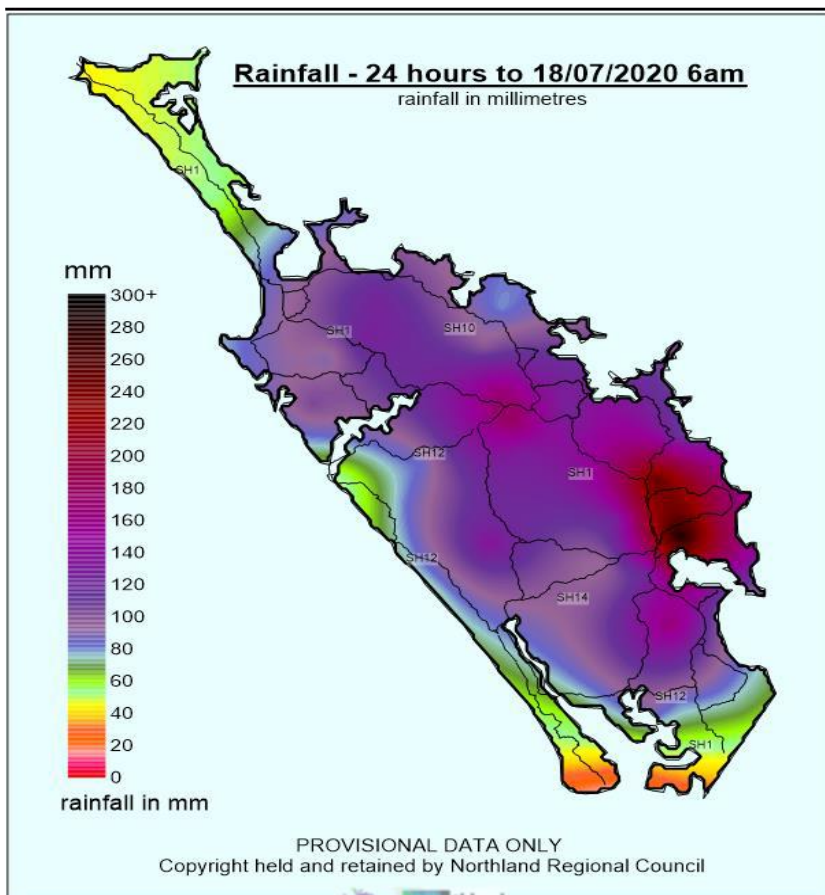
CIVIL DEFENSE EMERGENCY MANAGEMENT

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



- The Northland CDEM Group is continuing to monitor the all of Government response to COVID 19 and is developing a resurgence plan to assist with any outbreaks that require an escalation of levels of response.
- Financial claims resulting from Northland Drought and COVID19 have been submitted to the National Emergency Management Agency for approval and reimbursement where applicable. The Northland Civil Defence Emergency Management Group (on behalf of the TLAs) have requested the period for which the claim applies be back dated from the official drought declaration to reflect the extreme conditions that required an early response in Northland.
- On Wednesday 15 July weather warnings were issued for the Northland region predicting up to 130 mm of rain in some locations over a 24-hour period. As a result, there was widespread rainfall across the region, with maximum falls in the 24-hour period being 160mm in and around the Waitangi catchments. During the early afternoon of Friday 17 July up to 180 mm of rain accumulated in and around the Waitangi catchment and other parts of the mid North. At 7.00 p.m. intense thunderstorms moved south towards Whangarei and heavy rain continued throughout the night across the region. As a result, the State Highway one, 10 and 12 networks were blocked in numerous places due to flooding, including Mangamuka, Turntable Hill, Puketona and Rangiahua with number of council roads blocked by flood waters, slips and downed trees. Fire Emergency New Zealand responded to 220 calls across northland, between 2200hrs and 0400hrs with 70 calls backed up at the peak of this event. A number of homes, clubs and businesses were affected by flooding, slips and ground movement in various locations across the region, including Puketona, Moerewa and Waikare. To date, 140 septic tanks have required emptying and 30 skip bins placed in Moerewa to dispose of flood damaged property.

A number of rural properties across northland remain inaccessible as a result of the changing course of the river system and unofficial fords and crossings being washed away by flood waters..



- The Mayoral Relief Fund (30k Inc GST) provided to Northland by Central Govt for those experiencing hardship as a result of the flooding has been used to support a number of whānau in the region. Until the fund is fully exhausted, it will remain available to applicants who meet the criteria.



Flooding along Plunket Street, Moerewa 18/07/20



APPENDICES



BROADSPECTRUM ROAD MAINTENANCE AND RENEWALS



EXECUTIVE SUMMARY

Another busy month made busier thanks to the storm that hit Northland on Friday 17th July. The storm was that large that some of our staff got stuck at work thanks to flood waters closing Puketona Junction and a slip at Lemons Hill South of Paihia. In the immediate aftermath of the storm our crews worked around the clock on the Saturday/Sunday to open roads, confirm where flooding was and prepare a plan for the coming weeks. Since the Monday there have been 5 inspectors a combination of FNDC, Broadspectrum Puketona and our Kaipara teams' inspectors to get a full assessment done on the network as quickly as possible.

Waikare Rd was the hardest hit road with 23 over and under slips, followed by Ngapipito Rd, Pipiwai Rd and Matawaia-Maromaku Rd. Most of the major storm damage has been cleaned up as at the end of July which leaves scouring, culvert wash outs and culvert clearing the main activities to continue work on into August. Over the coming months these will be attended to with multiple teams including local SME contractors.

Either side of the storm our teams have continued with maintenance grading, routine sealed and unsealed patrols plus signage installation.

One drainage crew continued replacing damaged culverts on the unsealed network.

Culvert flushing, channel sweeping and sump cleaning were carried out in July.

For those that may not be aware Broadspectrum was purchased by a company called Ventia at the start of the month. Our combined business will be known as Ventia. Broadspectrum and Visionstream will begin transition to the Ventia brand from August. The only thing that will change is you will start to see the below logo around the place including this report.



WORK PROGRAMME

A total of 1399 individual work items were completed throughout the month of July which 1129 were routine find and fix issues, 53 were cyclic or part of annual rounds, 210 were programmed works, 1 was renewals/capital projects, and 6 were callouts or emergency response works.

August forward works programme has been submitted in RAMM.

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in July:

- 182 sealed potholes repaired
- 4577 unsealed potholes repaired
- 164 km of unsealed roads graded equating to 20% of the total unsealed network.

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in July:

- 98 Culvert ends cleared
- 22.5m Culvert pipes replaced/new
- 1827m of heavy water tabling
- 55m of light water tabling
- 31 Culverts flushed

ROUTINE INSPECTION REPORT

Sealed - There are currently 0 sealed inspections running overdue.

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

Drainage - There are currently 45 drainage inspections running overdue.

ORDERED WORKS

- 1.2m² of footpath replacement/renewal was completed in July.
- 7022m³ of Maintenance metal was applied to the unsealed network

ROAD FURNITURE ACTIVITY

- 86 new signs installed or replaced (damaged or missing)
- 58 signposts replaced
- 15 signs re-re-erected or straightened

STORM EVENT – 15TH & 17TH JULY 2020



Tirohanga Rd – Tree Clearing



Whangae Rd – Bridge Scouring



Waikare Valley Rd – 1200mm culvert wash out



Waikare Rd – Under & Over Slip



Ngapipito Rd – Slip Clearing



Waiomio Rd – Road Wash out



Pipiwai Rd – Major Slip



Matawaia-Maromaku Rd - Flooding

ASTRUCTURES

No structural repairs carried out in July. Contracts awarded through the NTA have been started on Scour Protection and General Bridge repairs.

RESEALS

No reseals to be completed. Preparation for next season underway with the draft reseal list received on 4/5/20 from NTA's asset team. Broadspectrum sub contractor currently carrying out site assessments. All pre-seals have been identified and will commence in late August.

REHABS

With winter setting in, no work has been carried out on the sealed network in June.

Summary of rehabs/seal extensions currently in construction or on hold through winter

Purerua Rd – RP6251 – 6794

Physical Works – Preliminary works completed (apart from dish channel).

Target Completion – Road was due to have metal overlay commence on Wednesday 25th March but is now on hold until the start of next season. Due to lockdown.

Pungaere Rd – RP5547 - 6572

Physical Works – Commenced in February

Target Completion – Pavement to be maintained through winter, once conditions allow a chipseal and linemarking will be placed.

Okaihau Rd – RP1235 - 2311

Test Results – Test pits received on 21/7/20

Survey – Completed

Design – 50% completed, safety audit complete

Physical Works – Commencing on 15/9/20

Target Completion – 30/11/20

Horeke Rd – RP11570 - 12580

Test Results – Test pits received on 24/7/20

Survey – Completed

Design – 50% completed, safety audit complete

Physical Works – Commencing on 1/10/20

Target Completion – 22/12/20

Seal Extensions

Porotu Rd – RP0 – 1380

Drainage works commenced on 24/7/20 along with vegetation and sight line clearing.

Puketi Rd – RP0 – 1000

Remainder of works to recommence in September once weather improves.

Koropewa Rd – RP15 – 1833

Test Results – Test to come in August

Survey – Completed

Design – 50% completed, safety audit complete

Physical Works – Commencing on 26/10/20

Target Completion – 22/12/20

Pungaere Rd – RP8820 - 12410
 Test Results – To come in August
 Survey – 80% complete
 Design – 50% completed, safety audit to follow
 Physical Works – Commencing 15/10/20
 Target Completion – 15/3/21

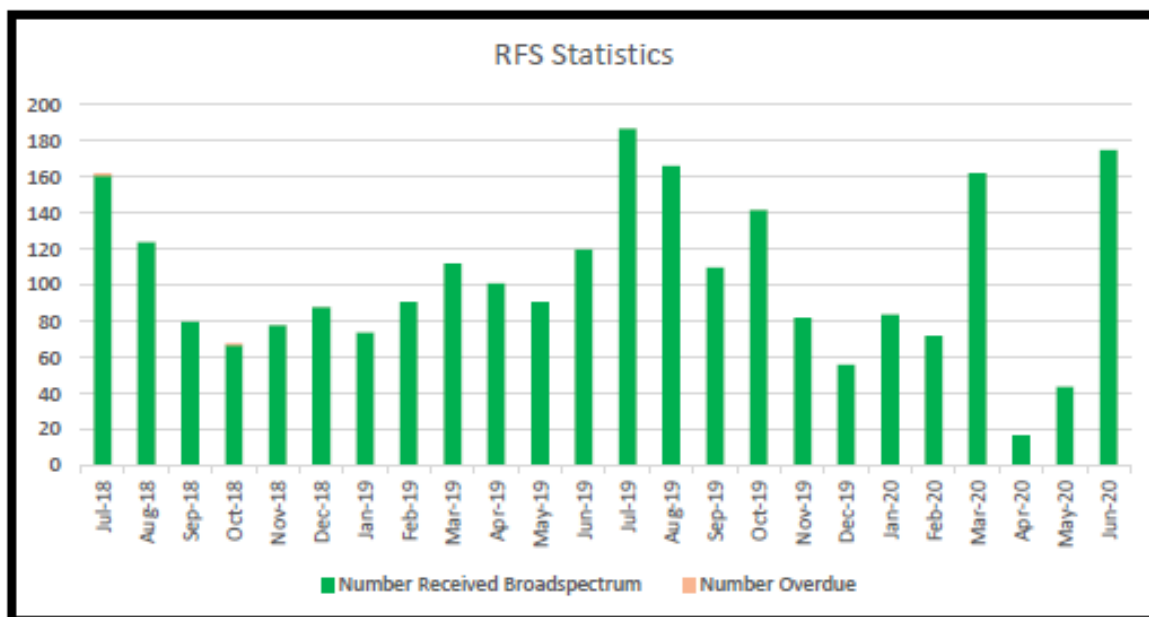
Ngapipito Rd – RP3500 - 8435
 Test Results – To come in August.
 Survey – 50% complete
 Design – 10% completed, safety audit to follow
 Physical Works – Commencing 19/11/20
 Target Completion – 31/3/21

ROAD ACCIDENT REPORT

No road accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for June only were available at the time of this report. Broadspectrum received 175 service requests during June and had 0 overdue. The below graph shows the number of RFS’s received by our branch each month during the NTA contract and any overdue.



COMPLIMENTS

Received 3rd July 2020
 Re– Sir George Back St, Opua
 Dear Jamie,
 The purpose of writing is to record my complete satisfaction with the Arborist , and his 2 companions, who attended to-day, and felled the tree (see above). The work, to my untrained eye,

looked extremely dangerous ; the 3 men carried out the work competently and well. I am greatly indebted to them. They felled the tree, and cleared up the rubbish etc, with masterful ease.
Regards,

RAMM ISSUES

No issues.

HEALTH AND SAFETY

No lost time injuries have occurred in our Puketona branch since 29th March 2012, during July we had no notifiable incidents to report.

Broadspectrum in conjunction with our new owners Ventia held our annual Safe for Life Day on Tuesday 28th July 2020. We spoke about mental health, fatigue and dynamic assessment of hazards. The photo below includes the 3 Waters team as we work towards a more collaborative approach.



INNOVATIONS AND COLLABORATION

During July Broadspectrum implemented two innovations to the maintenance contract.

1. During the storm a Whats App group chat was set up amongst approximately 20 of our staff both in the office and field with the idea being that everybody can take photos of damage witnessed on the network reducing both doubling up on driving roads and for the office programming team to assess the size of issues without viewing sites. This allowed for detailed planning on resources and which emergency repairs were priority. It worked better than we thought and after the initial panic period these were able to be entered into RAMM with more detail added once the dust settled.
2. Some of the slips we were not able to get to the other side initially, a drone was taken up to Pipiwai

Rd to assess the size of a slip which was unable to be traversed and with a tree 2km further up the road blocking access from the Whangarei end. This enabled us to determine in better detail what was “hung up” still in the slip and the share size of it. The next step will be for us to quantify using the drone. Our estimates had this slip at 1200 –1500m3.



Pipiwai Rd, Large Slip – Capture on our DJI

ANNUAL ROUTINE ACTIVITY ACHIEVEMENT

Routine and cyclic rounds start at the financial year.

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

Rural Vegetation Spraying

0% completed (Second round)

COMMUNITY ENGAGEMENT

On the Saturday after the storm one of our team members was caught up Waikare Rd in rising flood waters with some tourists also stuck. Once the waters receded the tourists needed help and we were able to navigate them out and help look after their car in Kawakawa at our team members residence while they made their next plans following the storm.

FNDC Construction Projects

5 contracts award to Broadspectrum in February are at the following stages:

1. Scour Protection 2020 – FNDC South – 92% completed as at end of June 2020.
2. General Bridge Maintenance 2020 – FNDC South – To recommence in early July 2020.

**FULTON HOGAN -
NORTH AREA
MAINTENANCE
NETWORK
CONTRACT
REPORT**



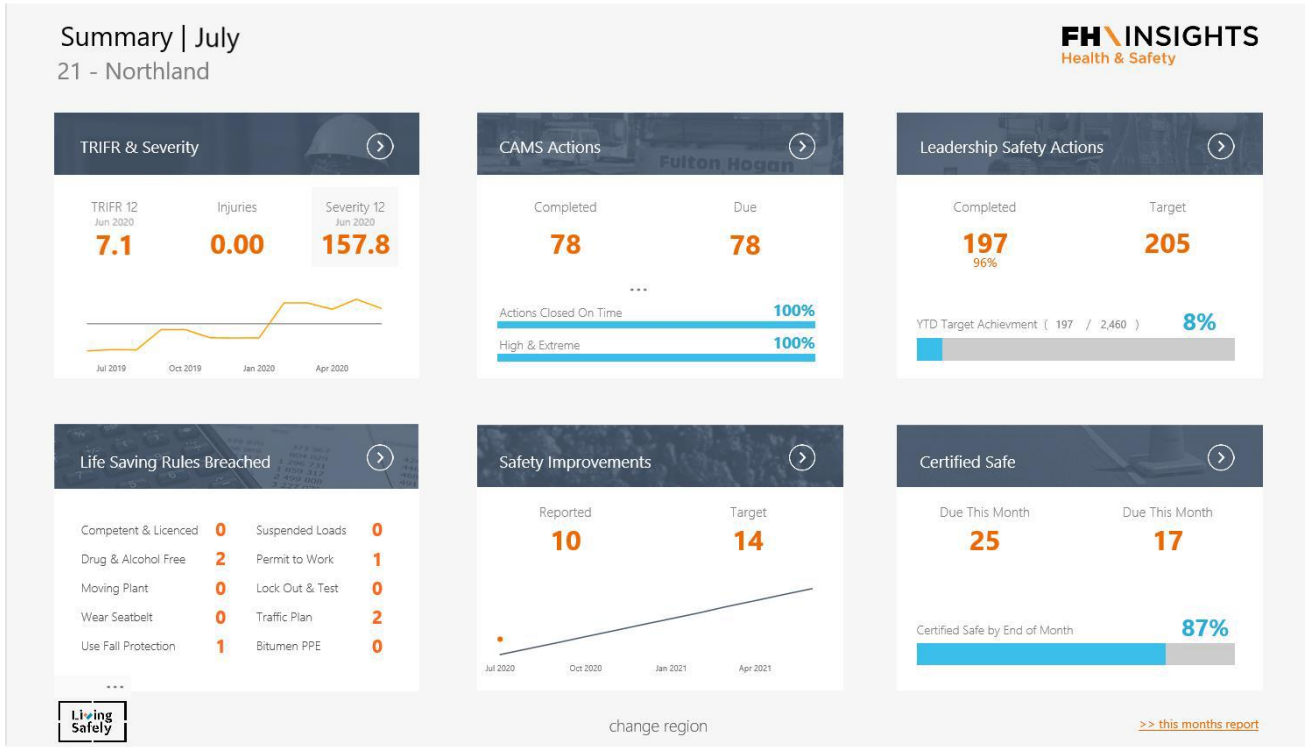
SUMMARY OF WORK

Item Number	Item Number	Units	June 20 Quantity
CM01.1.1	CMngt Spread - Sealed Pave Mtce WC111	month	12
CM01.1.10	CMngt Spread - Drainage Renewals WC213	month	12
CM01.1.11	CMngt Spread - Sealed Rehab WC214	month	12
CM01.1.12	CMngt Spread - Stucture Cmpnt Replace WC215	month	12
CM01.1.13	CMngt Spread - Traffic Service Renwl WC222	month	12
CM01.1.2	CMngt Spread - Unsealed Pave Mtce WC112	month	12
CM01.1.3	CMngt Spread - Routine Drain Mtce WC113	month	12
CM01.1.4	CMngt Spread - Structure Mtce WC114	month	12
CM01.1.5	CMngt Spread - Traffic Service Mtce WC122	month	12
CM01.1.6	CMngt Spread - Cyclepath Mtce WC124	month	12
CM01.1.7	CMngt Spread - N&AMngt WC151	month	12
CM01.1.8	CMngt Spread - Unsealed Rd Metal WC211	month	12
CM01.1.9	CMngt Spread - Sealed Rd Surfacing WC212	month	12
CM01.2	Performance Incentive (PS/mth)	each	9
DR00.2	Drainage Renewal & Improvements Dayworks (PS)	each	1
DR01.1	Routine Drainage Mtce	month	12
DR02.2	Watertable Mtce - Heavy	metres	15000
DR05.5	K&C - Subsoil Drainage 100mm dia	metres	0
DR06.10	Culvert Headwalls (Concreted Rock) <900mm dia	each	50
DR06.2	Culvert replace 375 dia 0 - 1.5m depth	metres	375
DR06.4	Culvert replace 600 dia 0 - 1.5m depth	metres	25
DR06.7	Storm Boss pipe or equiv 375 plastic supply & install	metres	25
DW1.10	DW - Excavator 07 - 14 tonne	hour	18
DW1.19	DW - Truck (4 - 6 m3)	hour	600
DW1.2	DW - Grader (12 - 14 tonne)	hour	50
DW1.20	DW - Truck (6 - 8m3)	hour	500
DW1.7	DW - Tractor (Mower/Broom)	hour	125
DW1.8	DW - Mini Excavator < 3 tonne	hour	300
DW1.9	DW - Mini Excavator < 6 tonne	hour	300
DW2.1	DW - Labourer	hour	5000
DW3.1	DW - Materials (PS)	each	1
DW3.2	DW - Materials On-Cost (15%)	Percentage	125000

Item Number	Item Number	Units	June 20 Quantity
IN01.1	Sealed Road Core Inspections	month	12
IN02.1	Unsealed Road Core Inspections	month	12
IN03.1	Drainage Inspections	month	12
SG01.1	Routine Sign Mtce	month	12
SG04.16.2	Sign Post - Wooden 3.6 - 4.0m long white gloss painted	each	5
SG04.17.5	Sign Post - Painting Posts/Poles on site	each	100
SP00.2	Sealed Pvmt Renewals Dayworks (PS)	each	1
SP01.1	Routine Sealed Repair of Potholes	month	12
SP01.1.1	Sealed Repair of Potholes (Routine)	each	1
SP02.1	Routine Edge Breaks (<=1m)	month	12
SP03.1	Temporary Pvmt Failure Repairs	square metres	250
SP10.2	Stabilisation Repairs >20m ²	square metres	2000
SP11.5	Digout Matting/Geotextile	square metres	1125
SP11.6	Digout Geogrid	square metres	1125
SP12.1	Routine Detritus Removal	month	12
SP18.1	Rehab - Cut to waste and dispose	cubic metres	2125
SP18.2	Rehab - Undercut Shlder Prep (solid measure)	cubic metres	3187.5
ST01.1	Routine Bridge Maintenance	month	12
TF01.1	Routine Flexible Marker Post Straighten & Annual Clean	month	12
TF04.1	Routine Railing and Barrier Mtce	month	12
UR01.1	Routine Unsealed - Pothole Repairs	month	12
UR02.1	Routine Unsealed - Surface Grading	month	12
UR02.2	Unsealed - GAP20 or GAP30 Supply place compact mtce agg	cubic metres	7500
UR03.1	Unsealed - Digout 0 - 300mm depth	square metres	500
UR03.2	Unsealed - Digout 0 - 450mm depth	square metres	1000
VC01.1	Routine Vegetation Envelope Mtce	month	12
VC01.1.1	Vegetation Envelope Mtce (Routine)	kilometre	1
VC04.2	Routine Roadside Mowing (FNDC)	month	12

HEALTH & SAFETY

Type	# during period	# to date	Days since last incident
LTI	0	0	764
MTC	0	0	764
FAI	0	0	764



QUALITY AND TRAINING

Environmental non-compliance notices issued

Nil non-compliances to report

Notice to Contractor issued

- NTC 42 Renewal works program

Training

First aid new and refresher. STMS, Health monitoring.

RAMM Issue for the month

Nil.

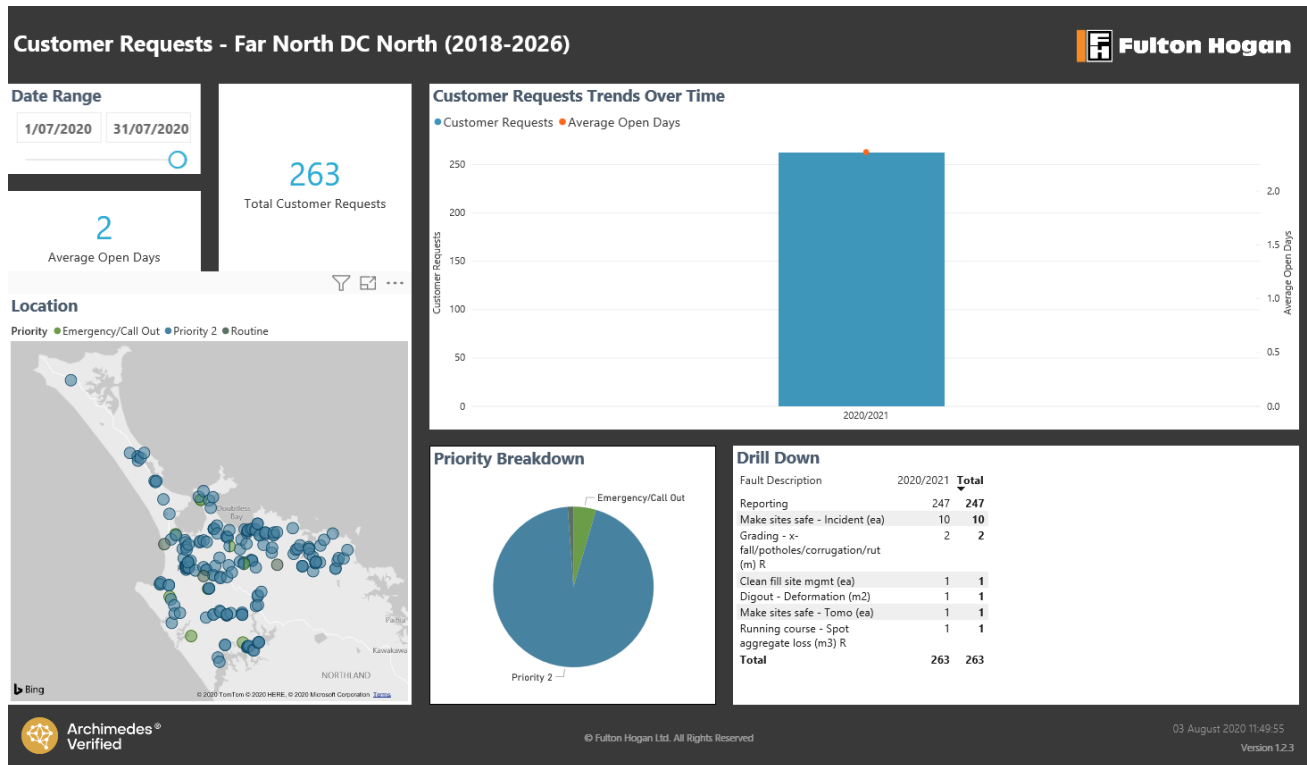
CUSTOMER SERVICE

Feedback

30 July 2020 – RFS: 4*****

Hi, the slip on Sheppard Road was cleared today, we are so grateful for the quick response also we were very

impressed with the Lily Digger team they done a fantastic job. Have a great week, we certainly will be now the roads have been cleared. Kind regards



AUGUST PROGRAMME

The majority of activities programmed for August 2020 relate to routine sealed and unsealed maintenance activities such as grading, sealed and unsealed potholes, unsealed road metaling etc.

The Mangamuka Rd Pavement Rehabilitation has further guardrail works to be completed. The Broadwood Rd Pavement Rehabilitation site will be held over winter. The Kumi Rd seal extension is complete.

Concrete footpath work continues on Pukepoto Rd.

The Pawarenga Road Pavement Rehabilitation (Site 1) enabling works have started. Works continue on the West Coast Rd flood protection works.

Unsealed pavement renewal begins with Sandhill's Rd and Gill Rd.



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



Activity	2018-21 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	\$75.40M	99%	Green	The Transport Agency has put together another big programme for our maintenance and operations with a plan to deliver over 200 lane km of works. Our team have completed 99% of programme for this year due to COVID19 and the drop-in weather temperature, the remainder will be continued via next year's constructions season. Our SCRIM programme is complete.
Low Cost / Low Risk	\$5.3M	95%	Green	<p>Far North District Council Projects - Resilience projects SH1 Otiria Flood Mitigation due to COVID19 has been tendered but the start date has been moved to end of the year; SH10 Powells Road near completion, Greens Hill – should seal to complete, Bush Point is complete with pavement works in Spring. Spickmans Grave resilience works completed.</p> <p>The following safety projects: Moerewa Pedestrian Safety concept and initial consultation completed next meeting next week. Kaeo Pedestrian Safety concept design completed consultation to be carried out. SH1/North Road (Kaitaia) Intersection design is completed and pricing for construction is underway.</p> <p>Walking and Cycling Project – SH11 Haruru Falls Design – geotechnical works completed awaiting options report.</p> <p>SH1/North Road (Kaitaia) Intersection design is completed and pricing for construction is underway.</p> <p>Whangārei District Council Projects - SH14 Te-Hape Right Turn Bay and SH1 Springs Flat Parking works completed</p> <p>Kaipara District Council Projects- Emergency Works SH12 west of Matakohe Slip Completed; Resilience works SH14 Wheki Hill Shoulder completed; Safety project SH12 Signs & Delineation West of Maungaturoto design completed and programmed for construction.</p> <p>Mangamuka Gorge: This is closed due to the July Storm Event, we have 2 under slips on the northern side of the Gorge. The team are carrying out investigations for repairs.</p>
SH1: Dome Valley Safety Improvements	\$31.7M	Late-2021	Green	<p>Work continues, much of it overnight under stop/go traffic management as a result of the confined space in which the team is required to work.</p> <p>SH1 Dome Valley NZ Transport Agency</p>
Northland speed review		TBD 2020	Amber	<p>We announced the decision on our SH11 Haruru to Puketona and SH1 Moerewa to Kawakawa speed review in late July, with these speed changes taking effect on 24 August. We are still finalising an outcome for the SH10 Awanui to Pukewhai Road speed review and we expect to be in a position to finalise and communicate the outcome within the coming months.</p> <p>Speed Review Locations NZ Transport Agency</p>
SH1 Whangārei			Green	The strategic business case is underway and will be

Activity	2018-21 NLTP	Completion	Progress	Commentary
to Te Hana Single Stage Business Case (SH1 Whangārei to Port Marsden Highway - NZ Upgrade Programme)				<p>followed by the detailed business case (DBC). The preferred route of the four-lane corridor will be confirmed through the development of the DBC.</p> <p>Lodgement of Notice of Requirement and resource consents is currently programmed for late-2021, with construction programmed to commence in 2023/24.</p> <p>Whangarei to Te Hana NZ Transport Agency</p>
SH1 Whangārei to Wellsford Standard Safety Intervention (Safe Network Programme)	\$4M	Underway	Green	<p>Pre-implementation is underway for Whangārei to Port Marsden Highway (Northern) section. Subject to funding and approvals, implementation is programmed for early-2021.</p> <p>Construction (at the northern extent) will be coordinated with the Loop Road project.</p> <p>Planning for the Central (Port Marsden Highway to Schultz Road) and Southern (Piroa Stream Bridge to Wellsford) sections has now started, with the concept design due to the Transport Agency this month.</p> <p>SH1 Whangarei to Wellsford NZ Transport Agency</p>
SH1 Warkworth to Wellsford		Route protection	Green	<p>Evidence is being prepared for the Council hearing and pre-hearing meetings are underway with submitters.</p> <p>Council hearing starts on 6 October in Warkworth and is expected to take up to three weeks.</p> <p>SH1 Warkworth to Wellsford</p>
SH1 corridor improvements – Whangarei (Tarewa Road)	\$53.34M	Early-2020	Green	<p>The project team successfully installed the 16 beams needed to form the foundation of the southbound lanes on the new Otaika Bridge early July. Each beam weighs 38 tonne and is about 23 metres long.</p> <p>The July weather event that affected much of Northland, also affected this project. Completion was planned for late September 2020 but this is now likely to be end October 2020.</p> <p>SH1 Tarewa Road Intersection Improvements NZ Transport Agency</p>
SH1 Loop Road Safety improvements	\$48.76M	Early 2022	Amber	<p>Periods of wet weather and the significant weather event of 17 July have resulted in the single lane roundabout opening being pushed out to late Aug/early Sept. The 'switch' will occur during one night of works mid-week. Operational speed will be 30km/hr for first 1-2 weeks as traffic adjusts to new layout, raising to 50km/hr thereafter.</p> <p>Geotechnical investigations of the Otaika Stream bed have concluded and completion of the detailed design for the dual-lane scheme is expected in October.</p> <p>SH1 Loop Road Safety Improvements NZ Transport Agency</p>

Activity	2018-21 NLTP	Completion	Progress	Commentary
SH10 Kaeo bridge	\$21.95M	Late 2022	Amber	<p>This project is in the design phase with the start of construction planned for October 2020. The resource consents have been approved by Far North District Council and the Northland Regional Council. All property agreements have been signed. The archaeological authority has been issued. A wildlife permit application has been submitted to DOC.</p> <p>Kaeo Bridge NZ Transport Agency</p>
SH10 Waipapa corridor improvements	\$24.5M	Early 2021	Amber	<p>The project team is working on renewing the stormwater system and moving utilities underground. Road paving work has started on Skippers Lane, SH10 southeast and Waipapa Road southern side.</p> <p>The roundabout portion of the project is scheduled for completion by December 2020, with the remainder of works to be complete by April 2021.</p> <p>SH10 Waipapa Corridor Improvements NZ Transport Agency</p>
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	\$6M	Mid 2021	Green	<p>Pre-construction assessment and design discussions are nearing completion. Construction of retaining wall (first phase of intersection improvements) scheduled to begin mid-August.</p>
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	\$15M	Mid 2021	Green	<p>Site office has been established and construction phase has begun (tree felling, services location, safety barriers, etc.)</p>
SH12 Rawene Road intersection improvements (NZ Upgrade Programme)	\$0.5M	Late 2020	Green	<p>A hui with Ngāpuhi was held in July. Construction is programmed to get underway in October and will take approximately eight weeks to complete.</p>

3 WATERS OPERATIONS

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

EXECUTIVE SUMMARY

During the month of July there were no LTI's or MTI's and we are currently operating with 1034 days LTI free. We attended 349 requests for services (RFS) call outs in July, up from 315 in June.

Planned Maintenance (PM) for July was 77% out of a total of 84 jobs.

Final commissioning of the Omanaia water treatment plant successfully completed this month, with ongoing water quality monitoring in place across supply line users and Rawene reticulation.

The main water supply line to Rawene is performing well however, improvements are still required for lateral users between Omanaia Water Treatment Plant and Rawene. A boiled water notice will only be lifted once successful water quality is achieved for all users.

A significant weather event took place during the 17th to the 19th July where severe flooding was experienced across the region.

Several sites were damaged in the storm, mainly accessways washed away. Paihia, Russell, Kaeo, Hihi and Kawakawa Wastewater treatment plants overflowed due to storm water infiltration or river levels being high. Ongoing work to restore accessways to sites.

Many environmental incidents were reported as a result.



CHALLENGES

Kaitaia Septage Disposal Site

There was a 40mtr length of 3.6mtr high security fencing stolen, having been replaced a month ago for similar reasons. This has highlighted a risk of health and safety to the public. Security fencing, gates and security cameras are required to be installed as it is becoming obvious that members of the public can and do access network sites. A security review is ongoing.

Kerikeri Wastewater Treatment

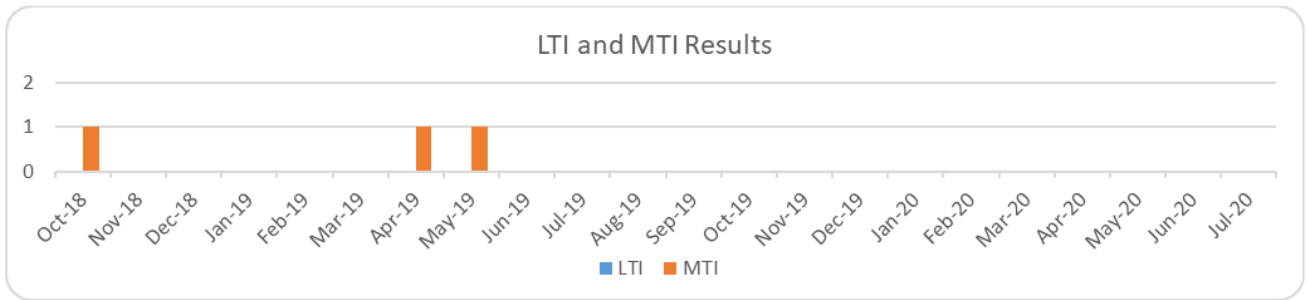
The existing final treated effluent line broke in the Waitangi forest, this was identified by the Project Manager for the new wastewater plant being built. It was estimated via SCADA trends that the break existed for five days before it was reported. The location of the break made for a difficult repair as it was on a hill, ground was heavily saturated post storm event, and it was very deep. The decision was made to abandon the repair due to health and safety risks. A new 80-meter stretch of pipe was installed as a bypass. This repair took four days to complete requiring management of the flows from all pump stations in Kerikeri. Final treated effluent did reach the water and ended up in the Kerikeri River. Samples were taken and results of waste were very low.

Lake Omapere Pump Station

Storm events have affected the installed lake equipment, with the lake rising more than 800mm across the three-day weather event. Planning is in place to attempt extraction once agreed with stakeholders; however, ground conditions currently make it impossible to use heavy machinery, alternative methods are also being explored.



HEALTH AND SAFETY



During June there were no LTIs or MTIs and we are currently 1034 days LTI free.

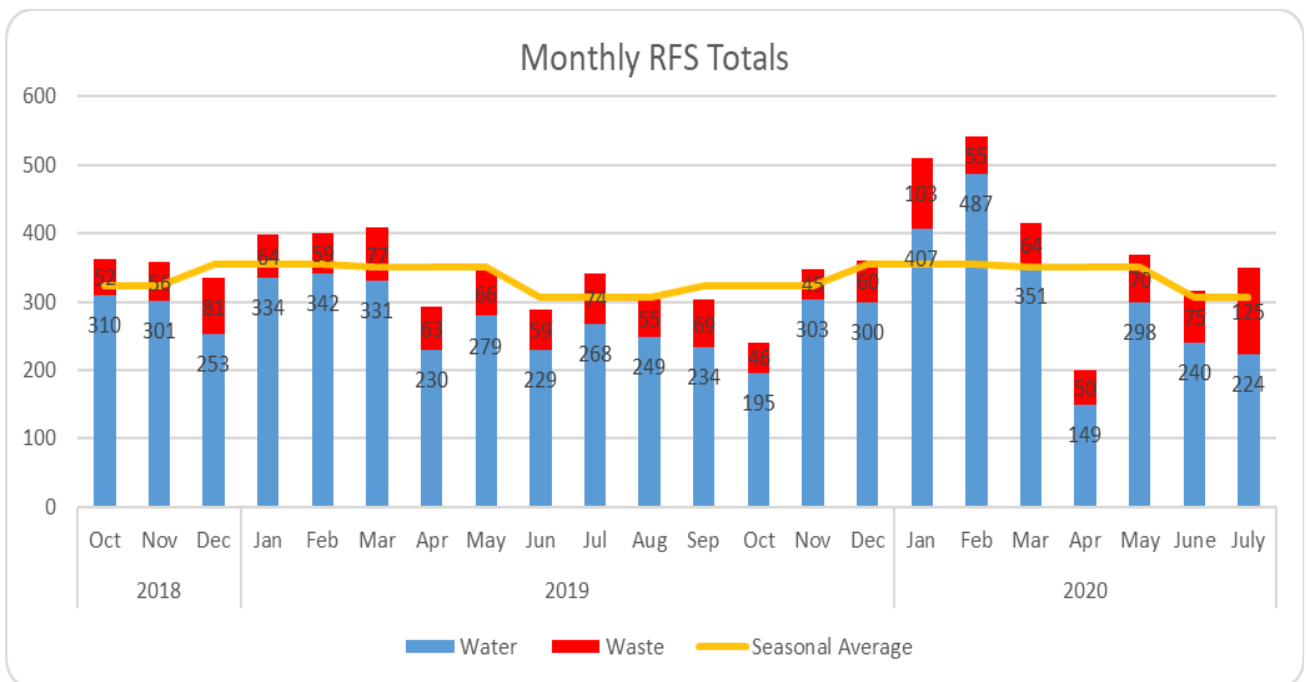
There have been two close call incidents. The first where gas was detected before a confined space entry. The Job was rescheduled. The second close call for July was a bumper came off car in front of an FNW vehicle. The FNW vehicle was following at a safe distance so was able to avoid any incident.

During the month of July, we also experienced two vehicle incidents – a blow out on a hire trial vehicle tyre and a diesel filter coming lose, leaking fluid onto the wet road.

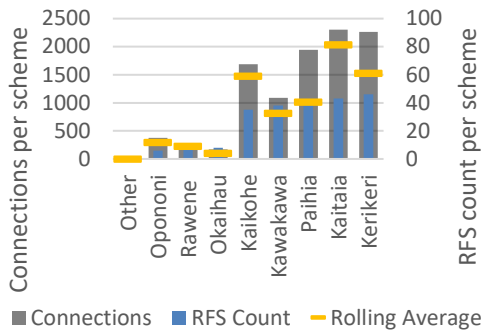
Broadspectrum Safe for Life Day was held on the 28th July with Far North Waters, and Broadspectrum Rooding.

CUSTOMERS

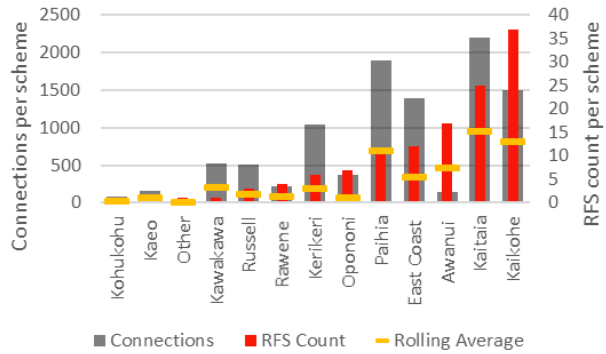
The request for service (RFS) total for July was 349, up from 315 in June, and a decrease from the 368 recorded for May. Customer satisfaction was 75% for July, up from 60% for June.



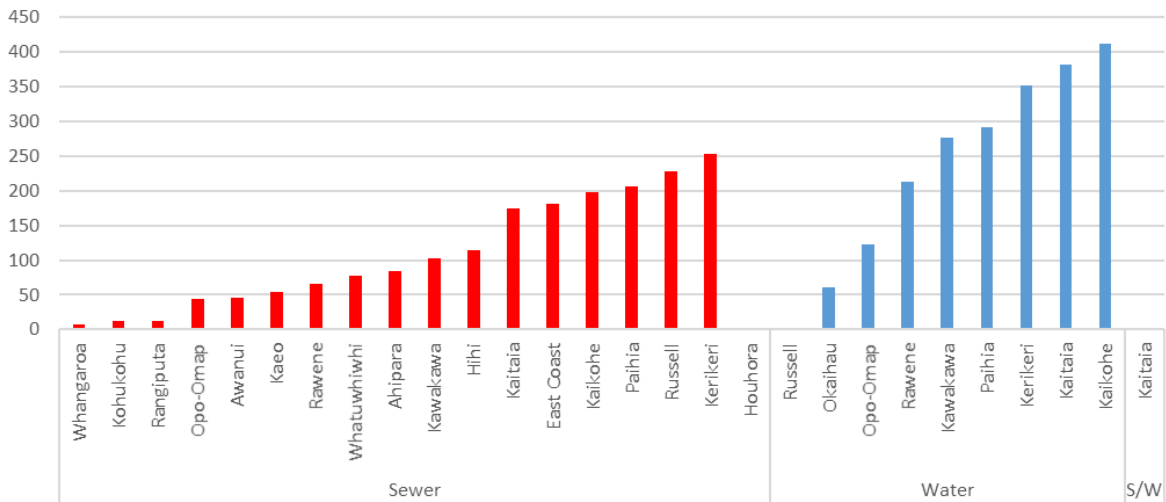
Water RFS and connection count per scheme



Wastewater RFS and connection count per scheme



Labour Hours per Scheme - July



PROJECTS

We currently have 1 job to price with an approximate value of \$10,175.40. The current work in hand is progressing well with 22 jobs in progress with an approximate value of \$2.2m, this includes de-sludge work.

Kawakawa Tank Installation

The Kawakawa Tank installation project is a major focus for the team this month with work now starting regarding pipe installation. Tanks are now installed, and power cables have been run. The target has slipped slightly with an end of September completion now likely.

The team are well placed to meet the expected workload over the next few months. Although we have a good load of work in hand, a lot of this is subcontract work. It is important we get some labour-intensive work over the next few weeks to keep the team busy.





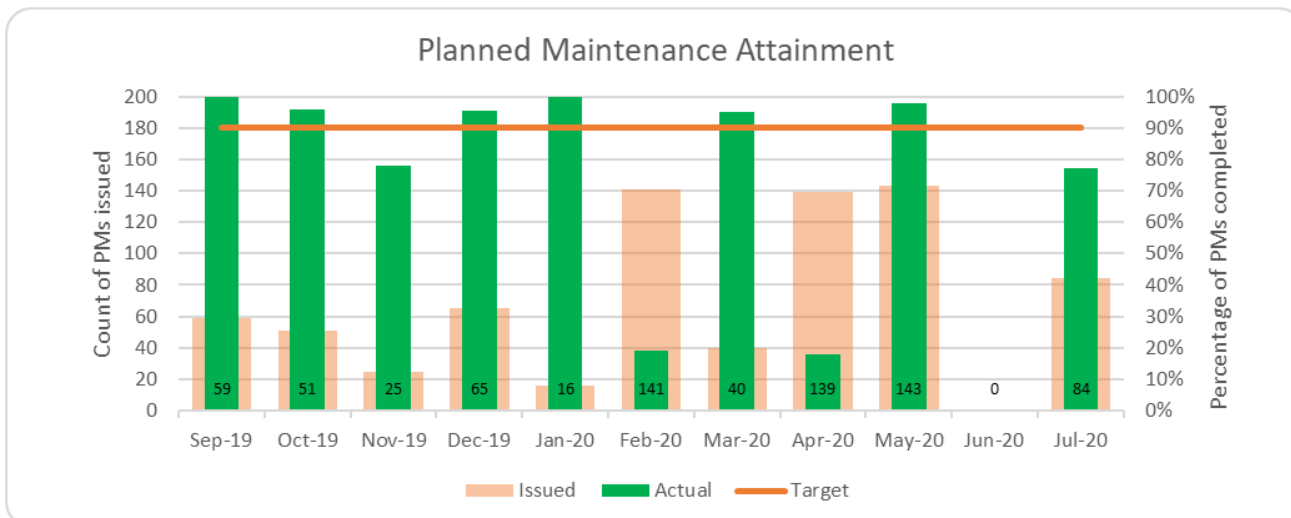
Hundetwasser – The Storm water part of this project is now underway; however, inclement weather has caused delays, it is now on track to be completed late August.



ASSETS

Planned Maintenance for the month of July was 77% for a total of 84 jobs.

Many of the chemical dosing pumps on FNDC sites are either obsolete or nearing their end of life, to the extent we are past the point of being able to service the pumps due to availability of parts i.e. diaphragms and seals. We are now entering a replacement regime. The recommended solution is to carry 2 sizes Grundfos DDA pumps that will cover all the existing water site requirements. Early replacements would also provide 2nd hand parts to support urgent spare requirements.



Temporary pump installed at Paihia Water Treatment Plant

On Friday, the 17th July during the storm across the Far North, there was a significant increase in flow to the Waitangi River. This in turn damaged the intake structure by filling the intake chamber with sand and grit. Attempts were made to clear the intake structure of debris, however this proved unsuccessful. A temporary pump and intake pipework were installed to provide water to the plant. Water tankers carting water and discharging into the clearwater tank were required to maintain supply to Paihia reservoirs during the repair. The final reservoir level before getting water into the plant was 12%.

Escalations were made and public notification to the Paihia residence to reduce water usage, their response made a huge difference on the outflows from the plant. A thank you should be put out to the residents of Paihia for their help in this situation. This exercise has highlighted the risk of the intake being very vulnerable in bad weather events.



The water level during this event reached 200mm up the side of the water treatment plant building at the height of the flood. The plant remains on temporary supply with subsequent weather events and water conditions making conditions unacceptable for diving operations to affect repair.

