Far North District Council

Infrastructure and Asset Management

Monthly Business Report

AUGUST 2020

HE ARA TĀMATA
CREATING GREAT PLACES
Supporting our people

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SUCCESSES

MBIE Rubbish Pickup – Island Rd

Great feedback for the newly employed litter pick up crew!

From: Freya
Sent: Thursday, 3 September 2020 7:58 AM
Subject: Positive Feedback - MBIE Rubbish Pickup Inland Rd

Morning All,

Great to see some positive community feedback from our first roadside litter collection that is underway this week.

Regards

Freya

Karikari Area Community Group

Write a comment...

Ian Francis Burke
13h

Awesome to see a group of young people picking up the roadside litter on Inland Road today. Thanks to whoever organized this & to the guys & girls doing the mahi. And to those who throw bottles & cans & nappies,fast food waste & etc,from their vehic;les please show some respect & take some pride in this community & stop doing so.

43 14 Comments

Like Comment Share

Debera Mcleod
it really was not looking nice thank you for doing the Mahi shame people cannot read the sign as they come to visit dont leave your rubbish leave our peninsular beautiful .
Like · Reply · 13h 2

Georgina Clark
thankyou 3
Like · Reply · 13h

Bronwen McEwan
Great job 👍 Thank you all so much, you are awesome and really appreciated
Like · Reply · 13h 2

Linda Rawiri

Like · Reply · 12h 2

Jenny Anne Bowden
Yeah great job.
Like · Reply · 12h 2

Norma-Jean Herewini
Imma say it was nice to actually see our roads clean for once & no litter left dumped anywhere 😂💯 thanks to those few yous are muchly appreciate ✔️
Like · Reply · 12h 3

Judy Billington
Great job 👍 thankyou to the wonderful people who picked up all the rubbish.
Like · Reply · 11h 3

Leena Taylor
wonderful to hear about; thank you to whoever got this organised.
Like · Reply · 13h 1

Ian Francis Burke
Leena Taylor Kia ora Leena, You being a person of influence 🙂.Perhaps we can get some proper signs made up, asking people to have pride in their region,(in this case the Karikari Peninsula),& not to litter etc.I drove from Picton to Farewell Spit in th... See More
Like · Reply · 12h 1

Leena Taylor
morena Ian Francis Burke; the last sign we had made cost nearly $100 and was stolen within a fortnight. As was one of the tsunami safe zone ones. I think it is more a case of trying to change attitude; maybe we need to keep posting images of the rubbis... See More
Like · Reply · 1m

Donna Alice
I was so happy when we drove past today. Thank you to the peeps that put in the work. It looks so much better. Let's all try to keep our paradise as clean as possible.
Like · Reply · 12h 2

Leigh Andrews
Gosh I drove past them this afternoon and they had heaps and heaps of rubbish. Thankyou so much for the work. 👏👏
Like · Reply · 12h 2

Our roading team and contractors strike again….

From: Aram Goes <Aram.Goes@fndc.govt.nz>
Sent: Thursday, 3 September 2020 6:29 am
Subject: Fwd: Omanaia Road ditch & culvert repair

Hi Stu & Jamie - See below from HWTM an email of appreciation.
Thanks to all involved!
(Note also there's another one to fix...)
CHEERS .
Aram Goes

From: Hon John Carter QSO <John.Carter@fndc.govt.nz>
Sent: Thursday, September 3, 2020 6:23:47 AM
To: pania
Subject: Re: Omanaia Road ditch & culvert repair

Morning Pania
Thanks for your email
Happy to help
Thanks for the information re the culvert
Our Chief Engineer and his staff will have this addressed
They will be in touch
Please give my regards to Rob
Stay safe
John

> Good morning John
> Thanks for your follow-up call this morning.
> The culvert #792 repair has been done - thank you! It did take a fair amount of 'squeeking wheels' to get some grease, however we who live along Omanaia & Hives Roads are grateful (plus Rob Pink the school bus driver, as well as the quarry trucks 😊)...
> Kind regards
> Pania

Fiona V-
Fiona would like to thank our Roading team for the awesome job they did with the potholes on Takahue Saddle Road on the Broadwood end. Thankyou.

District Facilities Contractors – out getting stuff done!

From: Manuela Gmuer-Hornell
Sent: Friday, 21 August 2020 1:11 PM
Subject: Re: Russell Townships' Ugly side RFS: 4021336

Thank you, Melissa

I saw there is a street sweeping machine doing the rounds in Russell today - top effort!
Can you please pass this on for me.
Have a good afternoon

Manuela

CAPITAL SPEND ANALYSIS

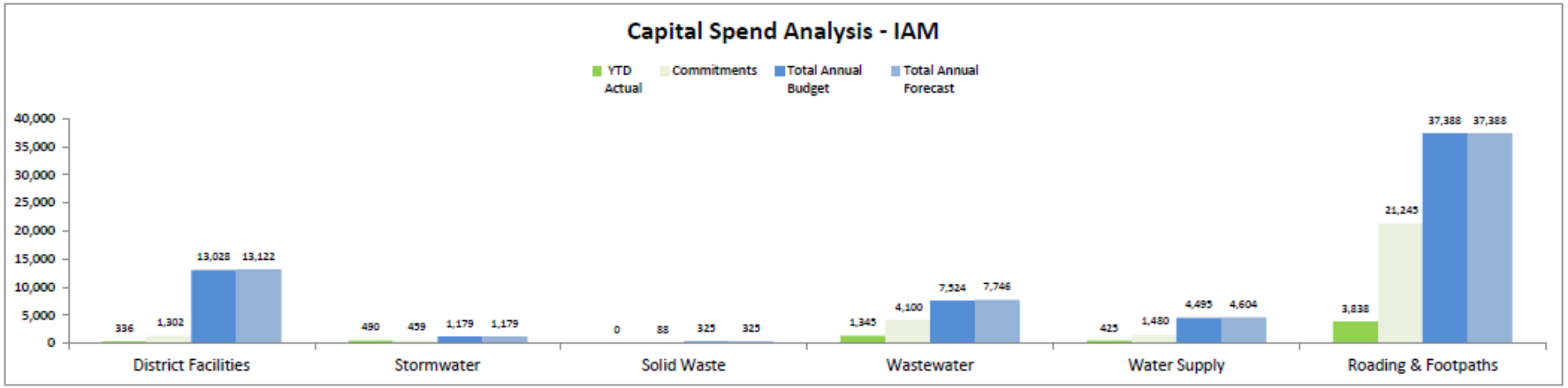
Capital Spend Analysis

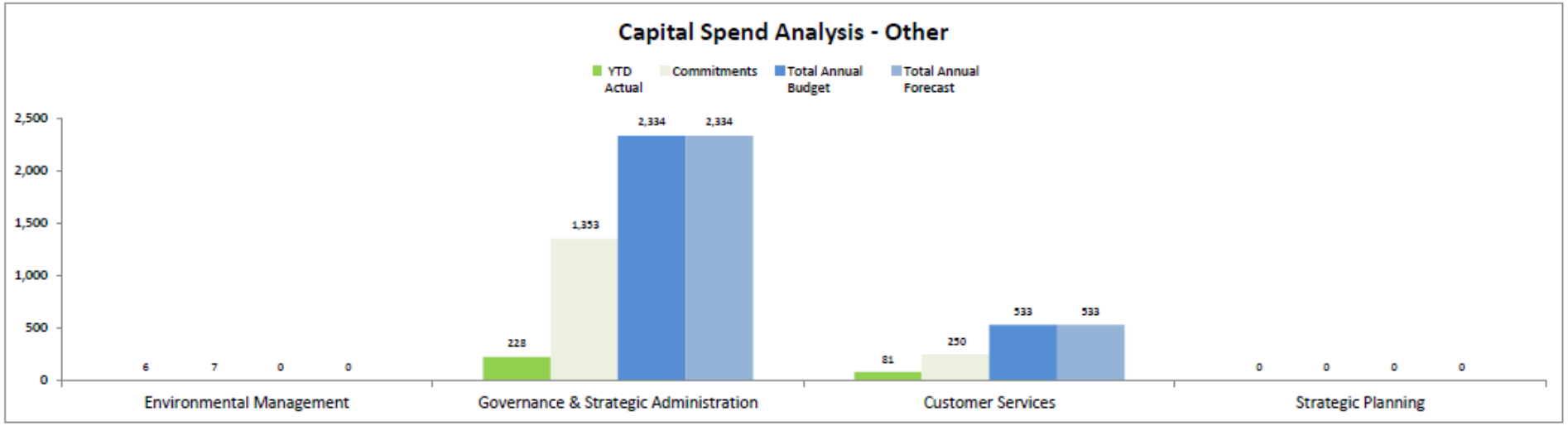
as at 31-Aug-2020

	YTD ($000's)		Full Year ($000's)							
LTP Group	YTD Actual	Commitments	LTP Budget	Carry Forward Budget	Total Annual Budget	Actual vs Budget %	Total Annual Forecast	Actual vs Forecast %	Forecast vs Budget %	Forecast vs Budget Variance
District Facilities	336	1,302	13,028	0	13,028	2.6%	13,122	2.6%	101%	94
Stormwater	490	459	1,179	0	1,179	41.6%	1,179	41.6%	100%	0
Solid Waste	0	88	325	0	325	0.0%	325	0.0%	100%	0
Wastewater	1,345	4,100	7,524	0	7,524	17.9%	7,746	17.4%	103%	222
Water Supply	425	1,480	4,495	0	4,495	9.4%	4,604	9.2%	102%	109
Roading & Footpaths	3,838	21,245	37,388	0	37,388	10.3%	37,388	10.3%	100%	0
IAM Total	**6,434**	**28,674**	**63,939**	**0**	**63,939**	**10.1%**	**64,364**	**10.0%**	**101%**	**425**
Environmental Management	6	7	0	0	0	0.0%	0	0.0%	0%	0
Governance & Strategic Administratic	228	1,353	2,334	0	2,334	9.7%	2,334	9.7%	100%	0
Customer Services	81	250	533	0	533	15.3%	533	15.3%	100%	0
Strategic Planning	0	0	0	0	0	0.0%	0	0.0%	0%	0
Other Total	**315**	**1,610**	**2,867**	**0**	**2,867**	**11.0%**	**2,867**	**11.0%**	**100%**	**0**
Total	**6,748**	**30,284**	**66,807**	**0**	**66,807**	**10.1%**	**67,232**	**10.0%**	**101%**	**425**

Comments:

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


Capital Spend Analysis - IAM
YTD Actual
Commitments
Total Annual Budget
Total Annual Forecast
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
336
1,302
13,028
13,122
490
459
1,179
1,179
0
88
325
325
1,345
4,100
7,524
7,746
425
1,480
4,495
4,604
3,838
21,245
37,388
37,388
District Facilities
Stormwater
Solid Waste
Wastewater
Water Supply
Roading & Footpaths


Capital Spend Analysis - Other
YTD Actual
Commitments
Total Annual Budget
Total Annual Forecast
2,500
2,000
1,500
1,000
500
0
6
7
0
0
228
1,353
2,334
2,334
81
250
533
533
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0
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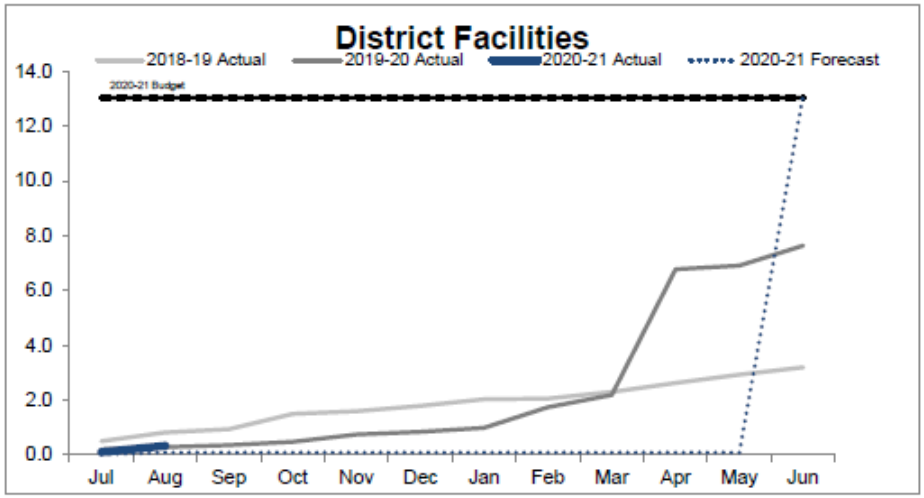
0
Environmental Management
Governance & Strategic Administration
Customer Services
Strategic Planning


District Facilities
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Jul
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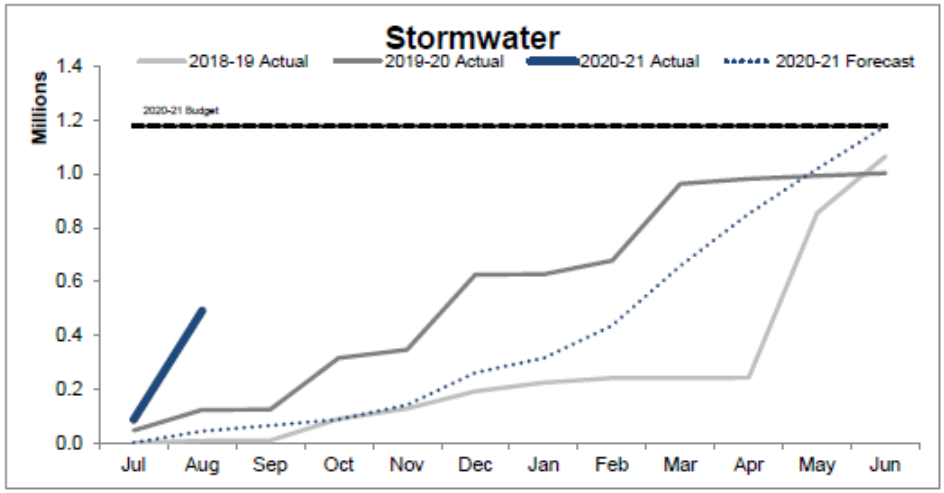
Stormwater
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget
Millions
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
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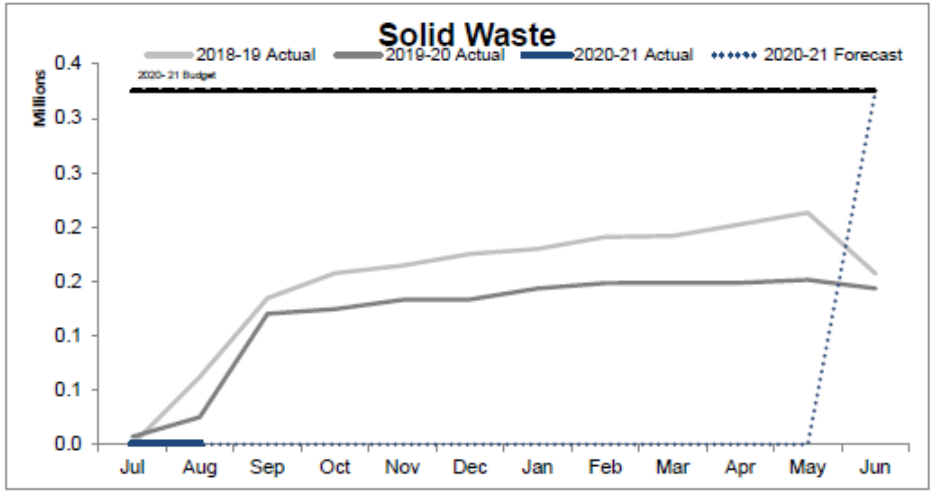
Solid Waste
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020- 21 Budget
Millions
0.4
0.3
0.3
0.2
0.2
0.1
0.1
0.0
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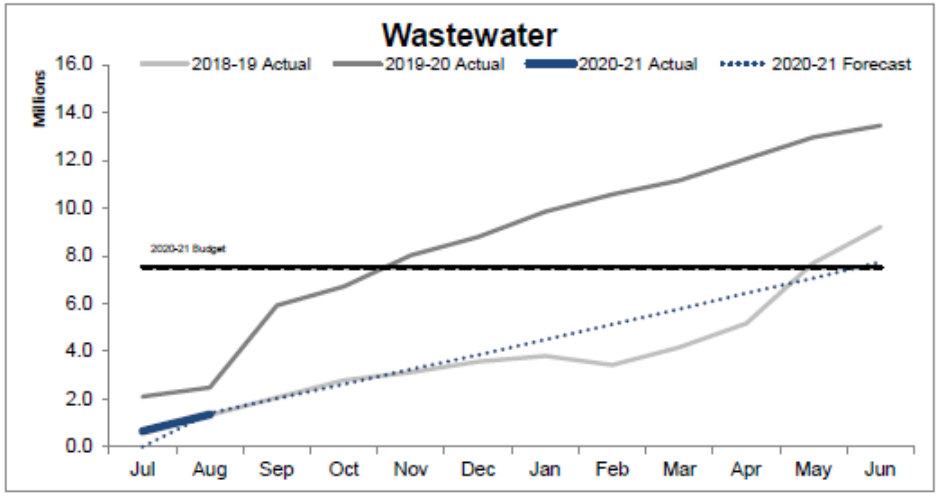
Wastewater
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget
Millions
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
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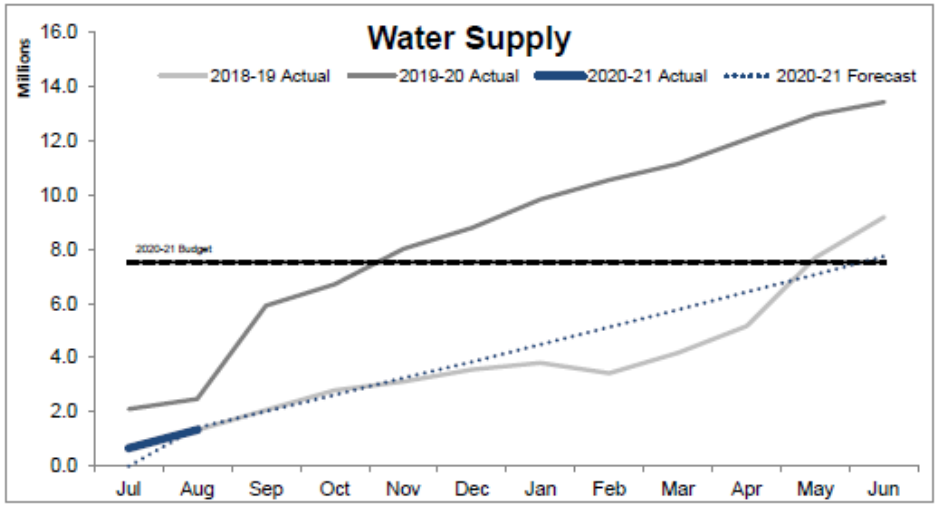
Water Supply
Millions
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget
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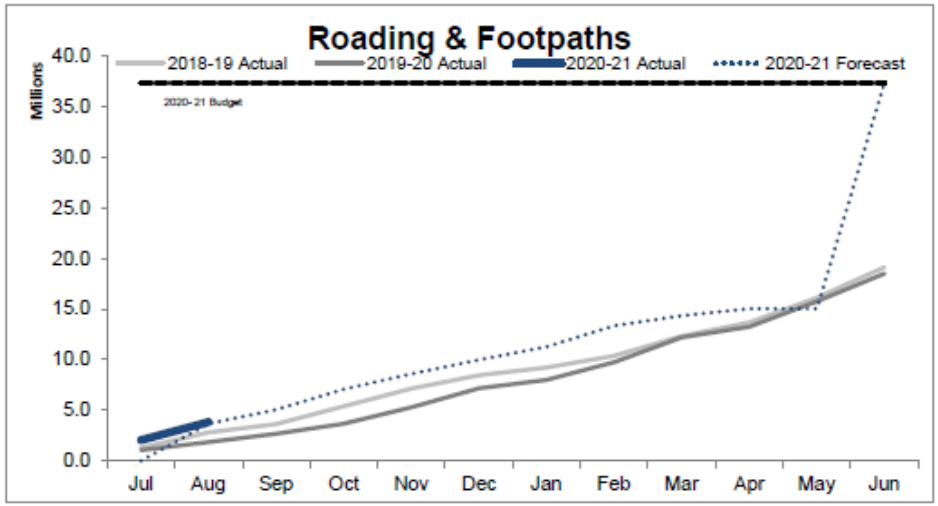
Roading & Footpaths
Millions
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
2018-19 Actual
2019-20 Actual
2020-21 Actual
2020-21 Forecast
2020-21 Budget
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Jun

ROADING

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

EXECUTIVE SUMMARY

There has been a strong start to the new financial year with approximately $3.1M of works completed in July 2020 (versus $1.9M in both 2018 and 2019. This increase in spend at the start of the year results from the combination of the availability of construction ready work (as a result of Covid lockdown impacted carry-forwards) and impoved structrue Regional planning and delviery processes implemented within the NTA.

The Asset Management and Strategy team continue to progress the development of the Regional AMP and work to support the devleopment of the Reional Land Transport Plan (RLTP). Regional Public Transport Plan (RPTP) and contributing to respective Council Long Term Plans (LTPs).

Contractors continue to work through the backlog of defects resulting from the extreme rainfall evenet of Friday July 17th, combined withsome smaller storm events either side of this, with completion of all relatioed repairs still anticipated to take several months.

The inaugural NTA staff engagement survey was completed in August 2019. The survey was sent to 69 recipients and resulted in an ovefall resonpse rate of 83%. While full analysis of results has yet to be completed, the overall Organisational Engagement score was 69% favourable (vs. CultureAMP industry benhmark of 70%).

NZTA BUSINESS CASE PROGRESS

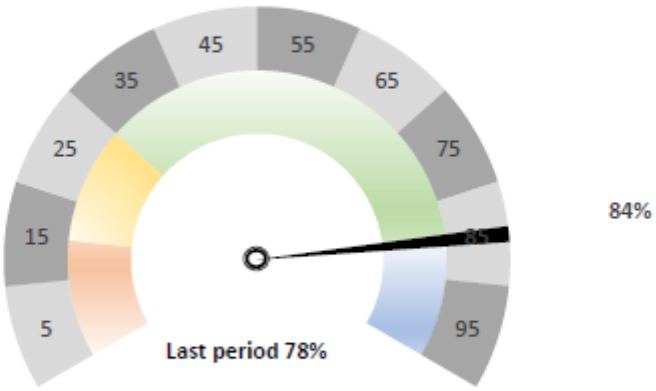
In accordance with Council resolution in late 2019 NZTA Business Cases for priority sections of Koropewa and Church Roads have been reviewed and approved by the NZTA. An agenda item paper is included within the September Council meeting requesting confirmation of 2019 Council Decision to proceed with the execution of seal extension work on these two NZTA approved sections of road.

2021/24 AMP DEVELOPMENT PROGRESS

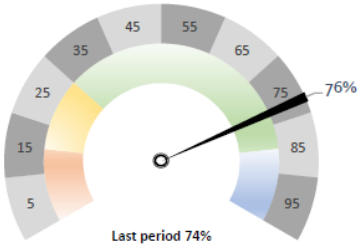
Work is nearing completion to finalise and submit the first draft of a single Northland AMP document to NZTA. This will be delivered to NZTA along with the draft proposed roading programme on the 21st September which is NZTA's required submission date. The final AMP document is expected to be submitted 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 October and December 2020.

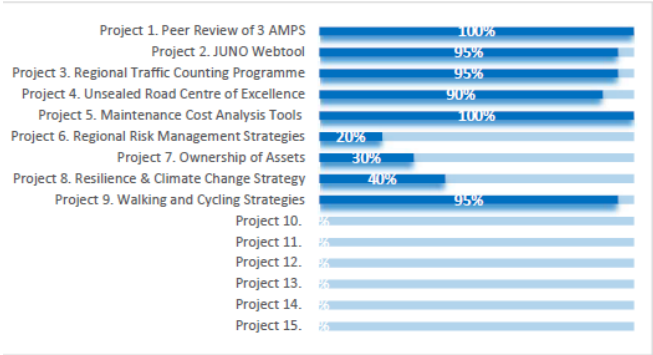
The current status of the development of this single AMP for Northland, has an overall progress against programme at 84% at the end of August 2020 (vs. 78% at end June 2020) – refer to Dashboards below for further detail. The target for 100% completion of the final approved AMP document is December 2020.

OVERALL PROGRESS

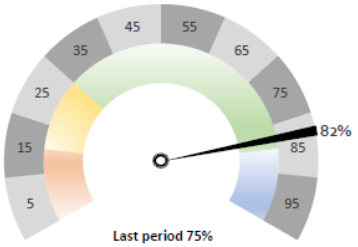


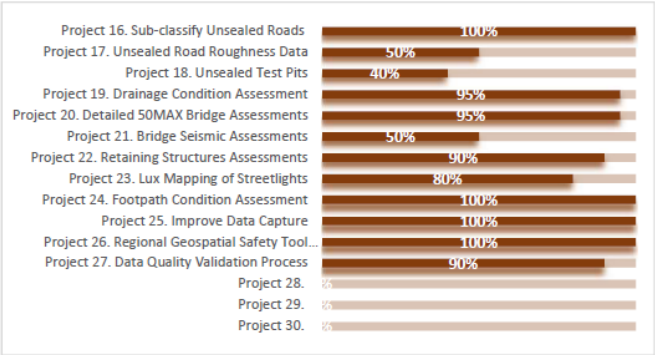
SYSTEMS



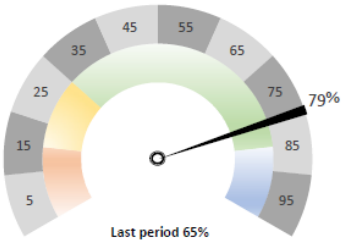


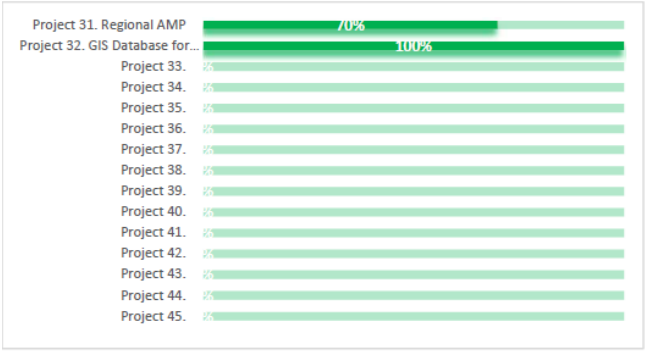
EVIDENCE



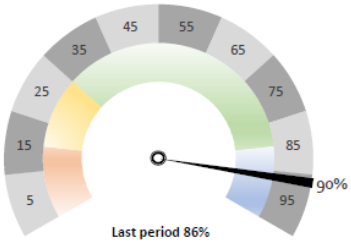


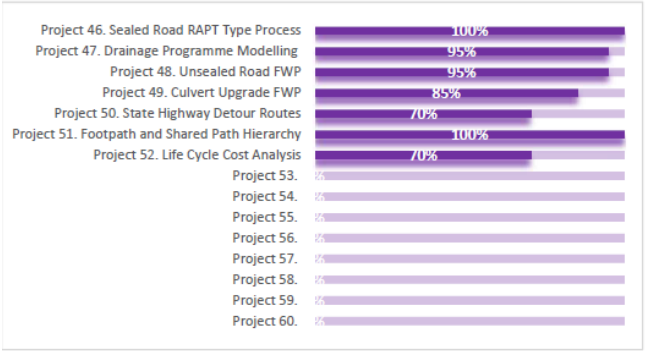
COMMUNICATING



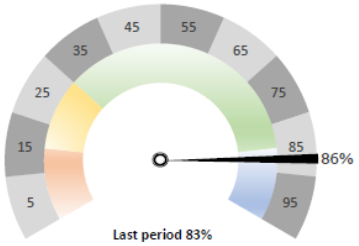


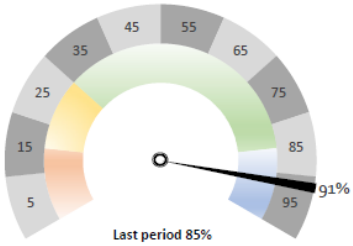
DECISION MAKING

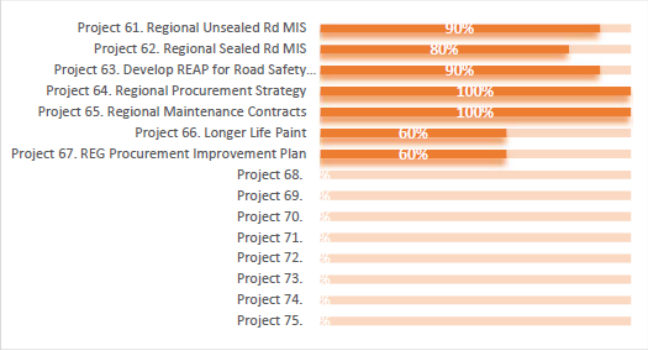


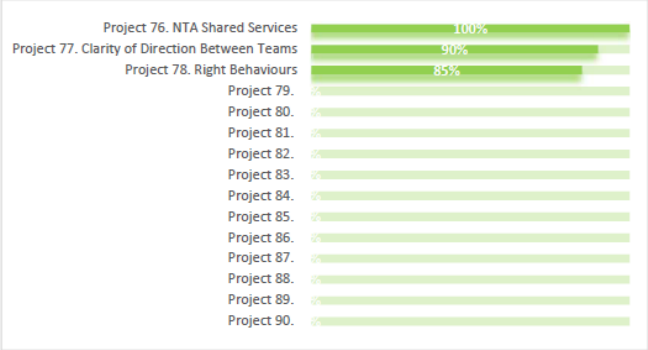


SERVICE DELIVERY	PEOPLE / CULTURE









CENTRAL GOVERNMENT POLICY SUBMISSIONS

There were no Central Government submissions in the past month.

FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

A full detailed update on the 2020/21 FNDC Capital Works programme was provided to the FNDC Infrastructure Committee on Wednesday 9th September.

Progress in July saw approx. $1.7m of programmed work completed (vs. July forecast of $1.1m). The primary driver of the achieved progress being greater than forecast was the availability of "construction ready work" resulting from Covid lockdown related carry-forward projects.

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 new monthly meeting has now been in place for the first two months of this financial year and is already improving the transparency of the programme progress and risk status.

In addition to the Capital Works Projects, a full Maintenance Heavy Metaling programme is underway, with the planned programme provided to the FNDC Infrastructure Committee on Wednesday 9th September. This year's work schedule covers approximately 6% of the unsealed road network and is developed through a combination of known defect data, CRM history and staff/contractor knowledge. Work on this programme is well underway with the scheduled timing determined by assessed road usage, seasonal peaks and an attempt to best prepare the targeted roads for a dry summer period.

FNDC TRANSPORT FUNDING OPPORTUNITIES / SUBMISSIONS

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

Approved in progress additional funding work

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

  An additional $2m of Funding was provided by MBIE as a variation to the Worker Redeployment Programme for *"funding for storm repair program acceleration and associated operational and capital expenditure to address flood damage in Northland (specifically $2m funding in Far North and $2m funding Whangarei Districts) related to roads, culverts, drains, parks, stormwater and other storm impacted Council Infrastructure".*

  Parks related work continues to progress well, while hazardous tree removal and roadside litter collection work commenced in August.

  The following positive feedback was received by Broadspectrum regarding the three workers, employed through MSD, working on the litter collection project:

  "In August the roadside litter collection crew has done an exceptional job. So much so that the 3 people engaged through AWF are currently in the programme for full time work with us this summer. Their attitude and awareness of safety has been excellent. The current plan is for them to gain their traffic control licence in September and work on our pavement rehabilitation sites through summer."

  Further excellent progress continues to be made across the region towards achievement of the Social procurement targets, with a total of 124 workers now engaged on the programme across the region, 58 of which were previously unemployed. To date approximately $2.3M of the works has been awarded to Maori/Pasifika and/or local Northland businesses.

- **FNDC Tourism Infrastructure Funding (TIF)**

  Initial preparation and drainage upgrade works have commenced at Pungaere Road in readiness for the TIF co-funded seal extension to be completed over the upcoming summer construction season.

  This initial work has already generated the following positive feedback from a local resident:

  "Working from home is great. I have got to observe out the window the great progress that your team has done in addressing the stormwater issues on the stretch of Pungaere Road that I live on.

  Not only are they doing a great job, they are approachable people. I have had numerous chats with the team out here and the work looks very good. I appreciate that you can only do what you can do (You can't stop the weather) but from what I can see this work is as best as can be done without some major surgery on the stormwater network up here. They are back today to finish from what they told me yesterday.

  Great work, responsive, fantastic.

  One really stoked ratepayer and customer of Council."

NTA STAFF CULTURE SURVEY

The inaugural NTA staff engagement survey ran from Wednesday 19th August through until Wednesday 2nd September 2020. The survey was sent to 69 recipients (60 seconded NTA staff plus nine NTA dedicated consultants) and resulted in an overall response rate of 83%.

The final response rate by employing organisation is:

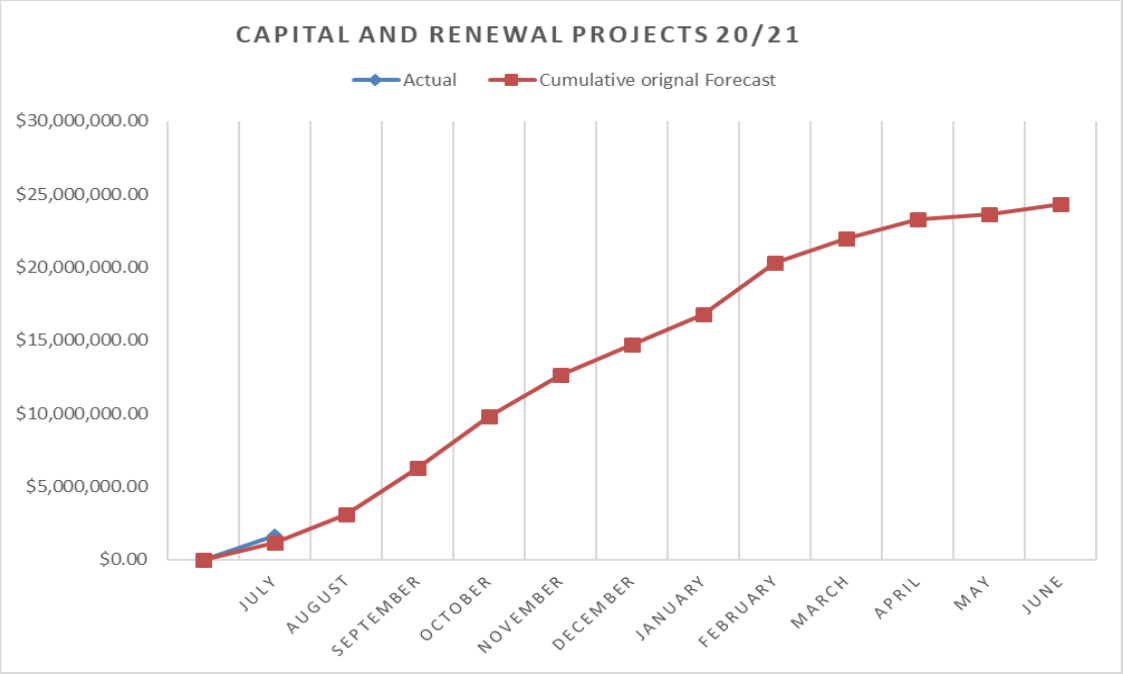
- FNDC 75%
- KDC100%
- NRC100%
- WDC81%
- NTA Dedicated Consultants23%

When the low response rate of NTA Consultants is excluded, overall response rate of NTA seconded staff lifts to >90%. While full analysis of results has yet to be completed, the overall Organisational Engagement score was 69% favourable (vs. CultureAmp industry benchmark of 70%).

RESILIENCE SLIPS (LOW COST LOW RISK), MINOR EVENTS AND EMERGENCY SLIPS

- Kaitaia Awaroa 26991 – Site work 90% completed
- West Coat Rd RP 16005 – Site work 75% completed
- West Coast Rd RP 9563, Fairburn Rd RP9588, & Diggers Valley Rd RP12722 - Site work 75% completed
- Taupo Bay Rd, RP'S 8816 & 9169 Slip Remediation – Tendered and Supplier Recommendation proposed for SLT acceptance.
- Roading Repair at Mangamuka Road RP7845 & RP8387 – Design Completed and ready for RFT development if sufficient annual budget available to introduce into 20/21 Programme.
- Wharekawa Rd RP3552 & 3663 – Work underway
- Waikare Road – Work in progress
- Wainui Road – now in 20/21 Programme

CAPITAL WORKS



Project Started in August

Category	Sub activity	Location
141 - Emergency Works	Resilience	Wharekawa Rd RP 3552

Projects to Start in September

Category	Sub activity	Location
125 - Footpath Maintenance	Footpath Renewal	BOI-Whangaroa Ward: Refer RAMM for list of sites.

Category	Sub activity	Location
214 - Sealed Road pavement rehabilitation	Rehabs	PAWARENGA ROAD
341 - Low Cost Low Risk	Associated Improvements	Northern & Southern Area: Associated improvements on 2020/21 pavement rehabilitation sites
Seal Extension - Unsubsidised	Seal Extension	Porotu Rd RP 0 - 1380
Seal Extension - Unsubsidised	Seal Extension	Puketi Rd RP 0 - 1000

Capital and Renewals – Significant projects

Category	Sub-activity	Location	% Complete (As of July)	Monthly Update	Next month planned activities
341 - Low Cost Low Risk	Bridge	Otaua Road M28 N28	14%	Continue with physical works, substructure almost finish. The physical works is delayed due to unsuitable ground condition and requires design revision of the retaining wall. Recent flooding damage that requires repair works also contributed on the delays. Programmed date for completion is around Early October.	Continue with physical works, finishing substructure and start with superstructure.
341 - Low Cost Low Risk	Resilience	Panguru Road	11%	All service relocations, earthworks, vegetation clearing and drainage work complete	Start pavement works 14th September (weather permitting)
341 - Low Cost Low Risk	Safety	Route 1 Kaitaia-Ahipara (Kaitaia Awaroa Rd)	6%	Shoulder widening complete ready to install seal and guardrail on all 9 guardrail sites.	Seal and guardrail installation planned for first week of September.
341 - Low Cost Low Risk	Safety	Route 2 Puketona Junc-Ohaewai (Te AhuAhu & Old Bay Roads)	0%	Installation started and progressing well.	Continue installing signs. Site visit with contractor to check progress and discuss issues experienced.
341 - Low Cost Low Risk	Safety	Route 4 Kerikeri-Okaihau (Wiroa Rd, Waiare Rd, Wehirua Rd & Kerikeri Rd)	43%	Installation started and progressing well.	Continue installing signs. Site visit with contractor to check progress and discuss issues experienced.
341 - Low Cost Low Risk	Safety	Route 5 Taipa-Kaitaia (Oruru Rd, Fairburn Rd & Peria Rd)	0%	Oruru Rd sign installations complete. Additional traffic management was required.	Continue installing signs on Whangaroa, Fairburn and Peria Roads.
341 - Low Cost Low Risk	Safety	Route 7 Matauri Bay Loop Roads	0%	Installation started and progressing well.	Continue with installation of signs
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP5690	100%	Construction complete	Defects period will end July/August 2021
341 - Low Cost Low Risk	Safety	Kaitaia-Awaroa Rd RP3200	100%	Construction complete	Defects period will end July/August 2021
341 - Low Cost Low Risk	Speed	Okaihau Triangle between SH1, SH10 and the Mungamuka's	0%	Conceptual scope of works discussed and delivery planning	Confirm scope of works and programme for delivery
Cycle Trail Unsubsidised	Cycleways	Pou Herenga Tai Cycle Trail NZ Heritage	0%	Final locations for the Pou are agreed from Iwi and Hapu meetings.	Engage with the contractor to start Pou installations.
Redeployment Package	New Footpath	Te Hiku Ward: Donald Ln to WINZ on N Park Drive	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Te Hiku Ward: Point Road, Taipa	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Te Hiku Ward: Mamaru Road	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Te Hiku Ward: Foreshore Road, Taipa	0%	Notice to contractor issued to commence construction	Receive contractor programme for construction phase
Redeployment Package	New Footpath	Kaikohe-Hokianga Ward: Kaikohe Footpath Signal Stn Rd, Omapere	0%	Engaged consultant to start design stage	Complete design and safety audit process and engage contractor to price works.
Redeployment Package	New Footpath	BOI-Whangaroa Ward: Length of Blacks Road	0%	Received design, applied for RSA exemption. Requested change to design.	Complete design and engage contractor to price works.
Resilience - Unsubsidised	Resilience	Panguru Road	0%	All service relocations, earthworks, vegetation clearing and drainage work complete	Start with the pavement works on the 14th September (weather permitting)
Special 100% FAR	New Footpath	Tau Henare Drive - Waitangi Trust	47%	Construction nearing completion	Construction completion
Special 100% FAR	Sealing Chip seal	Additional funding from Waitangi Trust for Tau Henare Drive (south region)	0%	works yet ot be programmed - awaiting input from IWI	works yet ot be programmed - awaiting input from IWI

Photo Wall	
West Coast Road, Panguru Flood Mitigation/ Road Widening and Drainage work	Waitangi Footpath
On-going works of Otaua Bridge replacement	Fairburn Road and Oruru Road - Kaitaia Safety improvements
Fairburns and Oruru Road - Kaitaia Safety improvements	Pukepoto Road Footpath Renewal

ROAD SAFETY AND TRAFFIC PLANNING

Speed Limit Reviews

The Okaihau-Kaeo-Waimate Speed Limit Review is nearing completion.

- Contractors have agreed a work program to install and update signage to reflect the new Speed Limits
- All speed limit maps have been updated onto GIS based mapping to make future speed limit changes more efficient to undertake
- An Agenda Item will be presented to Council at their October 29th Meeting to make amendments to the Speed Limits Bylaw
- The planned operative date will be 25th January, to allow for all signage to be installed and community education to be undertaken.

Other Developments

- SNP pipeline tool – national database of all safety projects with prioritisation to enable Road To Zero target of 40% reduction in DSI's over next 10 years
- What Safety interventions we are delivering this year – predicted DSI saving outcome and percentage of target achieved.

HOKIANGA FERRY (KOHU RA TUARUA)

Revenue received for July was $ $33,966.44 excl. GST, which is slightly higher than the same period last year ($29,050.62).

The interim underwater dive survey was completed on 13th August, which is a Maritime requirement for this vessel. This work was brought forward, as a result of the latest Covid-19 developments.

The new Certificate of Survey has been issued and expires in September 2022. The vessel will need to be slipped (hauled out) for the out of water survey in August 2022.

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

- UFB Paihia - Main Fibre laying is well under way, and some reinstatement of footpaths and road areas will commence next week.
- UFB Coopers Beach - All work has been completed and reinstated. There will be a final walk over next week.
- UCG connections are still on going in most townships. There has been a big up-take of connections in Ahipara.
- UFB 2+ - Waipapa has been progressing in conjunction with the roundabout construction, and this work including removing the old Chorus Cabinets should be complete within the next 2 weeks.
- Waipapa Roundabout construction - Most of the underground service relocations and new stormwater has now been laid & completed, and road preparation is now progressing with the first lot of Kerb and Channel due to commence next week. Speed through the site is still a problem, but new electronic speed signs are now operating with monitoring warnings operating.
- Puketona Roundabout construction - The temporary North South diversion road is nearly complete, and the main traffic flow will be shifted across, to allow the next stage of construction to start. The temporary line marking is a bit of a problem to see when wet or at dusk.
- Kawakawa Roundabout construction - The left-hand side from Kawakawa into the intersection has nearly been filled to final level and the old median islands removed. Caution is required.

- Broadspectrum have done some good work on the unsealed network with the roads in good shape, especially Gammons Road & Pokapu Road.

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

Count	Row Labels	Number of sites	Count	Row Labels	Number of sites
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	Niniihi 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**

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 and the two Maintenance and Renewals Contractors (Fulton Hogan – Te Hiku Ward and Broadspectrum – Eastern and Western Wards) have received instructions via NTC to commence and provide progress reports. Delivery of works will commence in September.

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

WARD	ROAD	ROUTE POSITIONS	
		Start	End
TE HIKU	New Footpath - Foreshore Rd Tasman Heights to toilets (Ahipara)	1192	2011
	New Footpath - Foreshore Rd toilets to Panorama Lane (Ahipara)	2011	2291
	New Footpath - SH1 Matthews Avenue (Kaitaia)	6465	6578
	New Footpath - Dominion Road (Kaitaia)	638	700
	New Footpath - SH1 Harbour View Rd to private access (Pukenui)	3578	3932
	New Footpath - Mill Bay Rd to Rangikapiti Rd (Coopers Beach)	43	143
	New Footpath - Mill Bay Rd Rangikapiti Rd to Richmond Rd link (Coopers Beach)	143	235
KAIKOHE-HOKIANGA	New Footpath - Kohukohu Road Manning to Marriner (Kohukohu)	14159	14461
	New Footpath - Taheke Road to Orrs Road eastbound (Kaikohe)	1027	1089

WARD	ROAD	ROUTE POSITIONS	
		Start	End
	New Footpath - Waianga Place (Opononi)	0	133
	New Footpath - Taumataiwi Street (Opononi)	0	481
	New Footpath - Lake Road 91 to 95 (Okaihau)	810	950
	New Footpath - Horeke Rd to Cemetery 294-330 (Okaihau)	2242	2809
BAY OF ISLANDS-WHANGAROA	New Footpath - Length of Pa Road (Kerikeri)	0	790
	New Footpath - Pedestrian Bridge near Main Street Bridge (Kaeo)	8946	8960
	New Footpath - SH11 Kaipatiki Road to York Road (Haruru)	5278	5606
	New Footpath - Te Taipui Road to Matauri Bay School Link (Matauri Bay)	0	69

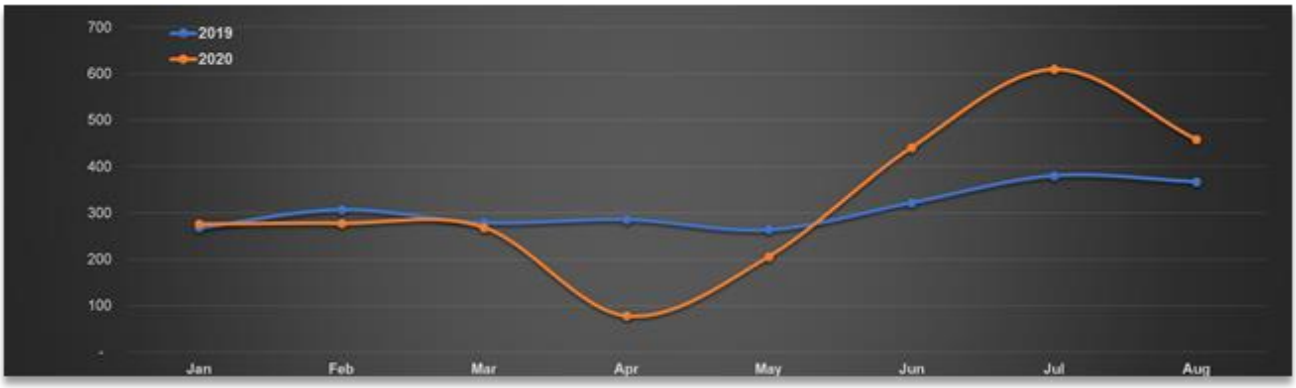
THE CUSTOMER EXPERIENCE

It is pleasing to note that Requests for Service (RFS) are returning to what could be referred to as normal levels. This is illustrated in the first chart below when comparing to this time last year. Calendar year to the end of August now sees a year on year increase of just under 6%. All that said, there has been an anecdotal impact on the level of service.

By way of example, the team received an RFS for attention to a metal road and possible associated culvert damage. The initial assessment deemed the appropriate treatment be metalling and grading. The culvert wasn't able to be inspected at that time. In addition, the annual culvert inspection was imminent for that part of the asset. Weather patterns suggested that it was feasible to leave until that occurred. In essence, the responsible contractor fulfilled the physical work obligations. However, due to the large workloads across the district, the fundamental point of communicating progress to the customer was, unfortunately, omitted.

The chances of the above recurring will reduce significantly in line with the trend seen in the proverbial bow wave brought on by the July storm event.

.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

August is a traditionally slow time of construction with our projects heavy in detailed design and procurement. We have had a number of open tenders during the month with contract awards planned for September.

Project scopes continue to be received to support successful delivery.

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

Project Name: Southern Animal Shelter

Project ID: 261012

Project Phase: Design

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Amber**	**Amber**	Awaiting concept plan and District Services approval
Scope	**Amber**	**Amber**	Scope confirmed
Schedule	**Amber**	**Amber**	A new schedule of works to be drafted upon confirmation concept plan
Cost	**Amber**	**Amber**	Cost to be confirmed once concept plan 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
Confirm consent plan	End September	On track	

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

Project Name: Northern Animal Shelter

Project ID: 261011

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
Finance to provide	*Finance to provide*	*Finance to provide*

Project Name: TIF Toilets

Project ID: 141539, 141537, 141538, 141581

Project Phase: Design/Consents/Construction

Status Item	Current Status	Prior Status	Summary
Overall Project Status	Green	Green	**Mitimiti:** Construction is completed at Mitimiti & CCC achieved; project is in handover stage to operations.
	Green	Amber	**Opononi:** Tender has closed, and the tenders are now being evaluated and the contract will be awarded late September
	Amber	Amber	**Waitangi:** Detailed design is complete and ready for lodgement for consent. Consultation with Iwi is nearing completion and there is a request from one Hapu to move toilet location across the bridge, we have advised we cannot and outlined reasons why and await response.
	Amber	Amber	**Haruru Falls:** Tender documents are being drafted ready to lodge on GETS
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 but QS engaged to cost.
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 completed and CCC issued.
- Haruru Falls Tender Documents drafted for approval and loading on GETS.
- Waitangi Toilet detailed design complete.
- Opononi Tender has closed and ready for evaluation

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	Met – late	Completed August
Opononi – Tender to market.	August	On track	Tender has closed - good response
Waitangi Toilet – Iwi Engagement	July	ongoing	With liaison team for approach, ongoing at present
Detailed design from Architects – Waitangi	22/06/20	Met	Ready for BC lodgement (completed drawings arrived late August)
Opononi Construction	TBD		
Haruru – Tender to Market	September		

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$1,045,688 (combined)	*$322,763*	*$1,000,000 (combined)*

Project Name: Kawakawa WTP Health & Safety Compliance

Project ID: 571140

Project Phase: Delivery

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Amber**	**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 November 2020.
Scope	**Amber**	**Amber**	• 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. • As a result of an overall District wide WTP upgrade project. A new Scada system needs to be installed.
Schedule	**Amber**	**Green**	Revised schedule provided by FNW. Physical works started during lockdown in May. The major rain events in July and new Scada requirements has/will have an impact on the project end date. The revised project end date is end November 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 work will be completed as soon as the compliance work has been completed. Project completion date is delayed because of • the installation of the new Scada system and • the possible additional site works that may be required before the IXOM chemicals can be delivered to the WTP.

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 to the chemical building have been completed. The PACL and Caustics pump control cabinets have been installed and connections made to the respective chemical tanks. The Electrical work inside and elsewhere within the chemical building will be completed after the new Scada system has been installed and programmed into service.

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 is 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
New Scada system – delay in completing the electrical works	Accept and monitor
Chemicals deliveries – decanting area does not meet IXOM requirements	IXOM to visit site and advise

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 September
Electrical fit out	July 2020	Late	80% Complete. Due end October
Issuing of Location certificate	Sep 2020	Late	End November

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$204,545	*$204*	*$204,545*

Project Name: Kaitaia Water – Sweetwater Bore and Pipeline

Project ID: WAP0256

Project Phase: Procurement

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Project progressing towards contract award in November. Bore drilling contract on target for start on site 15/09.
Scope	**Green**	**Green**	Detailed Design accepted subject to comments
Schedule	**Green**	**Green**	Three week delay to release of RFT for main contract due to design delay and requirement to seek approval at August council meeting.
Cost	**Green**	**Red**	$14.15 Budget approved at August Council meeting
Project Risk	**Amber**	**Amber**	Property and Easements (See below)

Monthly Summary:

Council endorsed the budget and gave approval for purchase of property and easements at the August council meeting (Publicly Excluded section).

An MOA for purchase of bore site land has been signed by both parties and we are awaiting settlement.

Elbury Holdings were notified under section n181 of the local government Act 2020. It is intended to progress with the formal process in parallel with the negotiated process and a negotiated outcome is still preferred. Securing of the easements is critical to the programme.

The Detailed Design submission was accepted subject to comments being closed out on 13th August and WSP notified on 26th August. An independent review by Jacobs of the M&E components is underway.

There are additional design issues that need to be resolved:

- Intermittent turbidity and sand – sample taken and testing of sand underway
- GeoTech on Elbury Holdings property resulted in design being competed using assumptions

The Ecological assessment of the two wetlands has been completed and a consent application will be made in September. The Heritage Authority application will also be submitted once discussions with Iwi have concluded.

The Contract for drilling of the second bore is awaiting signature and the works are planned to start on site 15th September. It will be necessary to drill an additional monitoring bore to comply with consent conditions, this will be varied into McMillan scope rather than waiting until the main contract.

The RFT was released on 26th August. This was further delayed allowing for an additional round of consultation with landowners and notification that Council was to release the RFT. A site visit has been completed and interactives are planned for September. To minimise risk to delay to contract award, meetings have been booked with key stakeholders to secure time for approvals.

Key Project Risks	Mitigation of Risk
There is a risk that easement negotiations delay the award of the PW contract.	• Continued focus to project team to resolve • RFT includes right to delay award if easement negotiations not complete. • Elbury Holdings notified under section 181 of local Government Act 2002
Access was not given for site visits during main contract procurement. Tenderers may tag this	• Opportunity to inspect if access agreed prior to RFT closure.

in tender responses and become Principals risk	• Opportunity for Preferred Supplier to walk prior to contract award.
Access was not granted for Geotechnical investigations on Elbury Holdings property therefore design was completed using assumptions.	• Assumptions made based on Geotech on either side of property and rates included in contract for Peat and Hard Pan
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	Complete	Accepted subject to comments being closed out
Commence PW procurement	June 2020	Complete	
Award PW contract	Nov 2020	On target	
Practical completion	November 2021	On target	New accelerated baseline

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$14.15M	*Finance to provide*	*$14.15M*

Project Name: Kaitaia Water – Kauri Creek Dam

Project ID: WAP0254

Project Phase: Scoping

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	
Scope	**Green**	**Green**	
Schedule	**Green**	**Green**	
Cost	**Green**	**Green**	
Project Risk	**Green**	**Green**	Working group to be established with Ngakahu-Ngakohu Whanau Ahu Whenua Trust

Monthly Summary:

This element of the project is on hold to enable focus on the Sweetwater Design and Pipeline component.

A working group will be established with Ngakahu-Ngakohu Whanau Ahu Whenua Trust to enable the relationship with the trust to move forward.

Key Project Risks	Mitigation of Risk
List top 5 project risks…..	Proposed mitigation for identified risk…..
Poor relationship with Trust impacts delivery of project	Working group to be established with Ngakahu-Ngakohu Whanau Ahu When-ua Trust
Delay to the Sweetwater Bore and Pipeline impacts the delivery of the Kauri Creek Dam decommissioning	Monitor progress
Access to site	Working group to be established with Ngakahu-Ngakohu Whanau Ahu Whenua Trust

Key Project Milestones	Expected	Status	Comment
Kauri Dam Design Procurement plan approved	04/10/19	Delayed	Focus on Sweetwater
Kauri Dam practical completion	April 2025		

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

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 May 2021.
Scope	**Green**	**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 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. Realignment to be done – Unbudgeted Expense Approved. Work to commence in September 2020.

Monthly Summary:

Construction of the new Treatment Plant is nearing completion with most of the structures, pipework and mechanical components are in place and only the electrical installation work to be completed. Commissioning phase 4 have started and will run until the end of September 2020. Practical Completion is estimated to be at the end of September 2020. Commissioning Phase 5 5 and 6 will then run until the end of November 2020. Key work completed in the month of August 2020:

- **Roading / Earthworks / Pipework**
  - Site road pavement construction and metal to ground surfaces around slabs and structures
  - Disc filter access path concreted
- **Design/Procurement**
  - Procurement of major equipment complete
  - Electrical design – programming and SCADA
  - Design of realignment of wastewater line as a result of slippage
- **Structural**
  - WAS tank access structures completed
  - Preparation for chemical spill tank installation, UG Maskell fiberglass tank delivered to site
- **Mechanical/Electrical**
  - Decant pumps pipe support in progress
  - Dewatering plant and pipework installation completed
  - Testing of SS pipework nearly complete
  - Various instrumentation brackets installed

- Cables continuing to be pulled thru ducts and routed on cable trays throughout site.
- Dewatering Building and UV areas cable routing and terminations.
- Testing and COC's in progress.

- **Commissioning**
  - Phases 2 (Pre-Commissioning) completed
  - Phase 3 (Principle acceptance/verification of installation) & 4 (preparation for commissioning) in progress
- **General**
  - Top Energy have livened 11kV cable and transformer
  - Easement arrangement with Property owners in progress – Waiting for land valuations to decide best option/route to take (Relocate of Transformer or Amalgamation of land)
  - Communication – Fibre connected at site office. Internet connection required for commissioning – temporary cellular service being used
  - Power supply and metering to UCC terminal Pumpstation being arranged – required for Phase 5

Following completion of the commissioning phases, connections will recommence with the cutting over of the house connections, with an estimated completion by April/May 2021, close out by May/June 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 reticulation network 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 of timeframes ongoing through monthly newsletters and direct communications by staff and Project Manager

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 1,2 and 3 of 6 completed
Completion of Kerikeri WW reticulation and Close Out	31/05/21	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

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 the works went out on tender. Pricing has been received from Marshall Projects as the main contractor for the initial contract works. This is to be reviewed in line with the engineering estimate provided by WSP.

A package of information will then be passed to FNDC including recent testing cycle results and confirmation on next steps will be required.

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 Anticipated that we do not have enough existing budget remaining.
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 Name: Opononi New Water Source - Smoothy Road Bore

Project ID: 571008

Project Phase: Pre-Implementation of Stage 2

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	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 September, after calfing season (as requested by the Landowner). Initially planned by August but delayed due to wet surface.
Scope	**Green**	**Green**	No changes in scope, but additional staging of the project.
Schedule	**Green**	**Amber**	Re-commencement of works: 4th May '20, expected completion: 30th June '20 was met.
Cost	**Green**	**Green**	Cost of project not to exceed current budget.
Project Risk	**Amber**	**Amber**	Ongoing negotiations with the landowner for easement and land purchase agreements, which are currently in negotiation with the lawyers. Some additional requirements ask from Landowner. - Council to meet the landowner's legal costs in respect of these easements and the TE easement. - Permanent marker where the pipeline passes under existing fences. Valuation of Top Energy Easement in progress. Top Energy refuse to take ownership of the electricity lines based on responsibility for managing the trees in the vicinity of the line. The suggestion is that the electricity easement must now be in favour of Council. Ongoing negotiations between TE and FNDC and lawyers.

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 now only expected to be completed by end of September/October 2020 due to the revised requirements from top Energy. 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.
Top Energy Easement acceptance	Lawyers - FNDC to discuss with Top Energy

Key Project Milestones	Expected	Status	Comment
Land Purchase & Easement Agreements	30/10/20	In progress	Land Valuation in progress. Provisional Agreement Signed by relevant

			parties. Top energy easement acceptance to be finalised.

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$946,665	*$309,668*	*$500,000*

Project Name: Rawene-Omanaia Water Treatment Plant

Project ID: 571063

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.

Good progress has been made in August, with the water quality testing results from the 50mm 'branch pipeline' that services the Omanaia community, now meeting the required standards. Initial thoughts were that this pipeline may require replacement, but after the continuous flow of treated water now passing through this line, it has effectively been flushed clean of any remaining contaminants from the previous raw water flows.

However, there is one remaining property within the Omanaia community that is still experiencing contamination of their treated water supply, which is likely to be caused by 'backflow' from an existing unprotected connection. This should be resolved in the very near future.

Key Project Risks	Mitigation of Risk
Nil	Nil

Key Project Milestones	Expected	Status	Comment
Removal of the Boil Water Notice	30/09/20	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*

Project Name: Kaitaia Awanui Intake Improvements

Project ID: 571176

Project Phase: Work in Progress

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	Switchboard is delivered. Top Energy electrical shutdown scheduled for installation end of September 2020.
Scope	**Green**	**Green**	Installation of dual pump system at the Awanui Intake.
Schedule	**Green**	**Green**	Project is currently on schedule.
Cost	**Amber**	**Amber**	Project remains within Projected Budget
Project Risk	**Red**	**Red**	Entails closing off the Awanui supply for a few hours

Monthly Summary:

The project is progressing well after procurement and delivery of the new switchboard. Planning and risk management meeting was done between FNDC Project Manager and Far North Waters on 25 August 2020 and 1 September 2020. The meetings produced an impact plan signed by Far North Water operations manager which indicates control of risks. All stakeholders have been notified e.g. NRC, Top Energy and NTA. All relevant consents are in place. Top Energy electrical shutdown scheduled end of September 2020. Commissioning of the dual pump system is scheduled within October 2020.

Key Project Risks	Mitigation of Risk
Intake is the only supply to Kaitaia	• Construction within the well takes place in working envelopes established by operations team. • 24 Hours prior check with treatment officer for sufficient water reservoir levels. • Backup generator on site to provide electricity to the Awanui intake pumps in the event of a breakdown during the switchboard installation.

Key Project Milestones	Expected	Status	Comment
Practical Completion	30/10/2020	On Time	
Handover	30/11/2020	On Time	

Project Budget Status

Approved Budget	Actual Spend to Date	Forecast Total Spend
$183,179.26	*$80k*	*$145,814.21*

Project Name: BOI Sports Complex

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	The next milestone for the project is the planning stage which focusses on the delivery team's approach to the project. From here the project will move into delivery stages, focussing on a staged design delivery and targeting early construction activities which can be commenced as a priority.
Scope	**Green**	**Green**	To manage the development and delivery of a BOI Sport Complex on the land acquired. The development must meet stakeholder, community, and sporting code requirements.
Schedule	**Green**	**Green**	Currently the programme is being established for the project and will be provided to council for acceptance prior to the September PSG report.
Cost	**Green**	**Green**	Information on expenditure to date still needs to be received from FNDC. As this project has only commenced, budget breakdowns and tracking has not yet been set up to commence. This will be established in the coming months
Project Risk	**Amber**	**Amber**	Approval of Preliminary Concept Design - Planning and design development on a concept that has not been approved.

Monthly Summary:

The Preliminary Concept Design and proposed stages done by GLG still needs to be accepted and approved. Procurement of consultants for the detailed design stage will commence during the course of September 2020.

Haigh Workman is underway with the access road design including relevant NZTA approvals. They are also doing concept investigation on civil engineering services.

Key work completed in the month of August 2020:

- Introduction meetings
- The management of the Bay of Islands (BOI) Sports Complex changed hands for the initial concept delivery from the asset management team, to the project delivery team at Stellar projects, responsible to David Clamp.
- SPL review of available information in preparation for the first Project Status Report

Key Project Risks	Mitigation of Risk
Funding Security	Funding commitment signoffs
Market capacity to deliver	Procurement planning
Community Engagement	Appointment of a Working Group to steer matters
Downstream Impact – Ongoing future operation costs	Value Engineering during design
Supply Chain – getting services and materials needed	Early procurement
Programme Governance – Conflict of Interest	Set up Mitigation Plans

Key Project Milestones	Expected	Status	Comment

Initiation	03/08/2020	Completed	
Resource Consent	05/10/20- 19/01/21		
Developed Design	Jan-Mar 2021		
Detailed Design	Mar-May 2021		
Procurement	Jun-Aug 2021		
Construction	Sept 2021		

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$11M	*$5M – Land acquisition*	*$6M*

Project Name: Kerikeri Domain Revitalisation

Project Phase: Concept Stage

Status Item	Current Status	Prior Status	Summary
Overall Project Status	**Green**	**Green**	The Kerikeri Domain project has also recently been handed over from the asset management team who have focussed on provision of the reserve management plan.
Scope	**Green**	**Green**	The key delivery of this phase is a coordinated and accepted approach to the project scope from the project's working group, consisting of key community groups and FNDC representatives. After provision of the scope, the PEP can be finalised by the delivery team, a copy of which is planned for submission to FNDC on the 25th September.
Schedule	**Green**	**Green**	Currently the programme is being established for the project and will be provided to council for acceptance prior to the September PSG report. This will form part of the submitted Project Execution Plan for the project, to be approved by FNDC
Cost	**Green**	**Green**	Information on expenditure to date still needs to be received from FNDC. As this project has only commenced, budget breakdowns and tracking has not yet been set up to commence. This will be established in the coming months
Project Risk	**Amber**	**Amber**	Initial stages of the project will lie heavily with the community.

Monthly Summary:

The Preliminary Concept Design and proposed stages done by GLG still needs to be accepted and approved. Procurement of consultants for the detailed design stage will commence during the course of September 2020.

Haigh Workman is underway with the access road design including relevant NZTA approvals. They are also doing concept investigation on civil engineering services.

Key work completed in the month of August 2020:

- Introduction meetings
- The management of the Bay of Islands (BOI) Sports Complex changed hands for the initial concept delivery from the asset management team, to the project delivery team at Stellar projects, responsible to David Clamp.
- SPL review of available information in preparation for the first Project Status Report

Key Project Risks	Mitigation of Risk
Funding Security	Funding commitment signoffs
Market capacity to deliver	Procurement planning
Community Engagement - Community buy in is KEY, the community might argue they didn't want it in the first place	Appointment of a Working Group to steer matters
Downstream Impact – Ongoing future operation costs	Value Engineering during design
Supply Chain – getting services and materials needed	Early procurement

Programme Governance – Conflict of Interest		Set up Mitigation Plans	
Key Project Milestones	**Expected**	**Status**	**Comment**
Initiation	03/08/2020	Completed	
Community Scoping	Aug-Sept 2020	In progress	
Developed Design	Oct-Nov 2020		
Detailed Design	Dec 2020 – Jan 2021		
Procurement	Feb 2021		
Construction	April 2021		

Project Budget Status		
Approved Budget	Actual Spend to Date	Forecast Total Spend
$ 3M	*$ 0M*	*$ 3M*

TOURISM INFRASTRUCTURE FUND

August 2019 Applications:

Project		Status	Notes
1a	Waipapa Toilet Capacity Upgrade (Soakage Field)	Approved with Funding Agreement	Detailed design has commenced with Vision Consulting. Treatment and soakage design due September. Pump station is requiring additional investigation due to limitations with as-builts. Completion looking like December/January
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. Contract has been approved by the club executive and work is scheduled to start in September. Completion in November
2	Pungaere Road Seal Extension	Approved. Funding agreement pending	MBIE agreement has been executed by FNDC and is now with MBIE for signing. Procurement plan has been completed. It has been proposed to co-ordinate the delivery process through the Externally Funded projects team and NTA to enable management of roading resources across the 4 major road projects that all have similar timelines. Initial investigation/Design is underway.
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 5th August. Arborist report has been received and a program of remedial work proposed. Tress are generally in better condition than anticipated. Standing water caused by traffic damage is the main consideration
5	Paihia Beach Toilet Enhancement (Outdoor Shower/Drainage)	Approved with Funding Agreement	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. Selected supplier to prepare work plan in September. Complete October
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. Second design site meeting to be held in September. Unavailability of Heritage staff due illness has delayed meetings.
7	Freedom Camping Operational Plan Study Grant	Approved with Funding Agreement	Survey of commercial campgrounds expectation of 20/21 demand is complete. Responses indicate similar numbers to 19/20 are expected. Draft report outline is complete. Additional data to be sourced from Campermate App. Extension from MBIE until June 21 to enable review of the impact on CCovid-19 on the camping demand etc. Responsible funding application submitted to MBIE using supporting data from this research.
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, Upgrade options discussed with FNHL including formulae and data for costings, Supporting data made available for FNDC and FNHL funding applications and decision making as required,

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**

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

Limited change from last month with some progress around designing the condition rating program and the continued development of the IPS platform. Access to resources and in particular subject matter expertise from IT and asset managers is now a critical issue as it is now imposing a major constraint on three of the four programme workstreams. The single management role across Program Manager – Programme Darwin and Manager Assets and Planning is also limiting leadership commitment to resolving issues. A permanent appointment of the latter is a critical component for future success 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	→	Limited progress due to resourcing commitment to other FNDC matters e.g. LTP, second lockdown. CouncilMark has been delayed until November.
Benefits		Benefit realisation overview included in LTP narrative.
Capability		Issues with project delivery resourcing across the project team including assets SME's, IT project support and supply chain capacity to support project inputs.
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)
• Limited change in status as assets staff committed to LTP process • Expected actions in Aug still to be completed. • Resource consent compliance module has been discounted as it doesn't provide sufficient real time outputs and trending. • Budget for condition surveys in the annual plan to be confirmed	• 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. • Strategy for delivery of condition survey works. • Review AMS blueprint with stakeholders and project team. • Document UAT requirements for AMS.

← 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		Programme plan agreed
Define Stage completed	31/03/20	10/10/20 (F)		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			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			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	LTP commitment means availability of staff to participate in workshops or contribute to the programme is limited.	1	CouncilMark demo has been moved due to Covid response but key input resources in IT are no longer available. Will need additional resource and funding to resolve.	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

In the month of August the Infrastructure Planning team progressed work on a number of key projects including the wastewater discharge consent programme, DIA three water reforms, Paihia network model upgrades and Kerikeri Water Supply Strategy.

The Infrastructure Planning team is also supporting the Compliance Lead with their reporting and programme of improvement works.

Work on the 30 Year Infrastructure Strategy continues on programme and the wider team is supporting the Long Term Planning process where needed including the Capital Programme development.

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Transport

Activity	Asset Group	Status: Concept	Status: Plan	Status: Deliver	Status: Handover	Expected Completion	Comment
Strategies / Plans / Policies							
District Transport Strategy	Transport	•	•	•		FY19/20	The draft Integrated Transport Strategy Programme Business Case is undergoing final peer review. The 10 year cost staging of the recommended programme is now being reviewed to accommodate deliverability 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) and Safety to align with GPS transport. Initial submission into NZTA finance system by end September
WWTP consent replacement programme	Wastewater	•	•			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. Upgrade options assessments for Opononi, Kohukohu, Kaikohe and Kaitaia WWTPs are underway and will be used to inform he LTP, with the majority of that work targeted for completion in late September 2020.
2021-2051 Infrastructure Strategy	Wastewater, Water, Transport	•	•			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 the end of September 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 for the week starting 26 October and staff are working alongside WDC and consultant planners and hydrologists to prepare evidence which is due in early September.
Paihia Water Strategy	Water	•	•	•			Procurement for the modelling work is underway, 7 proposals were received and the proposal evaluation stage is nearly complete. A small delay was introduced during the evaluation stage when a late stage change to one of the evaluation panel members was required, which resulted in outsourcing this role to a consultant. The modelling work is now scheduled to commence in mid to late 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	Water	•	•			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 a demand forecasting methodology for FNDC's water and wastewater schemes; and 2) apply those methodologies to FNDC's water and wastewater serviced communities, to assist with asset planning and decision making. The data obtained from this demand forecasting project will assist to inform Water Demand Management Plans. The demand forecasting methodology project is currently at RFP drafting stage, to engage technical expertise to assist with the methodology development. A collaborative approach will be taken with the District Plan team regarding development of growth forecasting methodology.
Rawene WWTP Optioneering	Wastewater	•	•	•		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. Staff have asked that Te Mauri o te Wai provide a preferred option before the end of September which will then be considered through the Long Term Plan Process.
Consent Applications/Authorisations							
Taipa WWTP Renewal/Appeal	Wastewater	•	•	•	•	Under Appeal	The Taipa WWTP discharge consent decision was appealed 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. The requested Cultural Induction day has had to be rescheduled twice due to availability of key FNDC staff and COVID restrictions. The Cultural Induction will now be held on the 14th September 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 and 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 15th September following the Cultural Induction day. Mediation will now likely to occur in November/December, once the QMRA has been completed, and subject to the appellants agreement.
Kaikohe WWTP Renewal	Wastewater	•				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. Current work underway to support the application includes the commissioning of a report that identifies possible upgrade options and high order costs for input into the LTP and a land disposal feasibility study. In addition, the commissioning of an ecological assessment is being progressed. Prior to lodging the consent application further technical investigations will be undertaken to

Key: • Complete • In progress • Parked

Stormwater | District Facilities | Wastewater | Water | Transport

Activity	Asset Group	Status: Concept	Status: Plan	Status: Deliver	Status: Handover	Expected Completion	Comment
							ensure that the best practicable upgrade option is identified.
Kohukohu WWTP Renewal	Wastewater	•	•	•		November 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. Staff have obtained agreement from NRC to a deadline of 30 November 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. A workshop with FNDC has been undertaken to determine a preferred option that will be included for consideration within the Long Term Plan Process.
Opononi / Omapere WWTP Renewal	Wastewater	•	•	•		September 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 30 September 2020 for submission of the requested information.
Puketotara surface water take (source for Kerikeri WTP)	Water	•	•	•		August 2020	NRC have issued the draft conditions for a consent. Discussions about the suitability of the conditions continue and are yet to be resolved.
Motutangi Drainage District Concession application	Stormwater	•	•	•		TBC	In late 2019 DOC advised that the draft concession report would be peer reviewed and then be sent to Kaitaia's Operations Manager for approval. However, despite continued requests for updates no information was provided until recently. In late August staff were advised DOC had a new Operations Manager in Kaitaia and the concession application would be approved (or otherwise) by the new manager. The change in management required a complete review of the application and it is understood the Manager is seeking an internal legal opinion on the drainage activity in the Kaimaumau Scientific Reserve. Once that has been received staff will continue to work with DOC to progress the concession application.
Kawakawa WTP groundwater reassessment	Water	•				January 2021	Staff have initiated a project to review the correlation between groundwater levels in the source aquifer and the Tirohanga stream at the Kawakawa water treatment plant. If there is less of a correlation between the two sources than initially determined then an application to reduce the residual flow requirements of the consent will be made.

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
Tai Tokerau Councils Climate Change Adaptation Group (TTCCCAG)	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 charge roadmap which is being led by SPP.
District Growth and Infrastructure Demand Forecasting	The Infrastructure Planning team have recently initiated a collaborative project with the District Plan team, to develop consistent methodologies for forecasting growth in the district. Consistent growth data is information that both teams require to support projects they are working on, specifically the District Plan review, Service Area of Benefit Review, Water Supply and Wastewater Demand Forecasting, and Hydraulic network model upgrades.

New Connections and FNDC Consent Review

Activity		August 2020	YTD '20	YTD '19	
Applications for new Water and Wastewater connections	Water / Wastewater	8	17	15	8 requests to connect to Council water and wastewater services were received in July 2020. Year to date Council has received 17 applications (compared to 15 last year)
FNDC Resource Consent Applications Reviewed by IAM	All	65	122	70	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	141	255	226	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

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		• 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		• 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.
	Kaitaia Recovery Centre		• 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		• 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.
	Kaitaia WW Network		• 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		• 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		• 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		• 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		• 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		• **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.

WATER AND WASTEWATER RMA COMPLIANCE REPORT – AUGUST 2020

Sites	Asset Group	August Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kaitaia				●	Condition 7 - Unaccounted for water loss	• Condition 7 (AUT.005112) – Zonal Plan to address unaccounted for (treated) water loss in place starting with 3 months of zonal monitoring. A leak detection program will be developed from results of monitoring to address Unaccounted for Water Loss (UWL). • Infringement paid on WSD abatement notice compliance.
Kaikohe				●	Compliant	• Infringement paid on WSD abatement notice compliance.
Kawakawa				●	Compliant	
Kerikeri				●	Compliant	• Kerikeri river intake flow meter replaced. • Kerikeri Irrigation flow meter replaced.
Okaihau				●	Compliant	
Opononi				●	WSD See Comments	<u>Waiarohia Stream take:</u> • Condition 8 – Reinstatement of gravel on stream bed. Planning underway. <u>Waiotemarama Stream take:</u> • Infringement paid on WSD abatement notice compliance.
Paihia				●	Compliant	
Rawene				●	Condition 12 – Volume supernatant discharged to Pioitahi Stream	• Omanaia WTP started operation 25th July. August is first full month of operation. • High turbidity in part of the network still. • 'No Flow Meter' on discharge to Pioitahi Stream in Omanaia WTP logbook. Consent mentions a calculation could be used rather than a meter for compliance purposes. This is to be reviewed in the upcoming resource consent meeting.
Russell				●	Compliant	
Ahipara		X		●	Condition 10 – Faecal Coliforms	• Faecals on 24/08/20 at 20,000 c/100mL which is a significant drop from last month's 80,000. Med12 limit of 5,000 c/100mL is still being exceeded. Due to previous results, the 90-percentile limit is also being exceeded. • Inter stage testing commenced on 13th July 2020. Weekly schedule sampled from constructed wetland and the final discharge point. Results to be investigated by process engineer. • DWF Status: Cannot demonstrate compliance. Inflow data has not been received and therefore cannot be used in the ADWF calculation. Using the outflow from the constructed wetland results in compliant levels of DWF.
Hihi				●	Compliant (see flow meter)	• Project to upgrade plant is in initiation stage. • Hihi wetland out flow meter OOS – Replacement ongoing, delayed due to urgent work on lake Omapere. • DWF Status: Cannot demonstrate compliance. Consent requires use of flow meter on outlet of constructed wetland which is currently being replaced. For the purposes of August, the outflow from the WWTP system was used which calculated compliant levels of DWF.
Kaeo				●	Compliant	• DWF Status: Compliant
Kaikohe				●	Condition 7(h) – E.coli	• CWL outflows from meter continuing to be unreliable despite a new V notched wear plate fitted late May. Investigation continuing with specialist. • DWF Status: cannot demonstrate compliance – no data available for August. Data problem set to be solved for September's report. • E. coli med20 difference for DS-US currently non-compliant with 17/20 required samples taken. Med17 of 76 MPN/100mL where limit is 50. Period of July – August. • High levels of E. coli currently being investigated by process engineer.
Kaitaia		X		●	Compliant	• Kaitaia wastewater network improvement plan (overflow project) has been completed and awaiting adoption. NRC will be kept updated on progress. • DWF Status: Compliant

Sites	Asset Group	August Status				Comment
		Abatement Issued	Abatement Resolved	Compliant	Detail	
Kawakawa				●	Compliant	
Kerikeri		X		●	Condition 8 – TSS, CBOD, TAN, E.coli and TN exceeded	• Ex UV limits for TSS, CBOD, TAN, E.coli and TN exceeded for July which is consistent with previous months. • Abatement notice received to have new WWTP operating by 30/11/20 • Phase 3 and 4 of commissioning in progress. Practical completion set for 28th September depending on the results of phase 4 testing. • Kerikeri Ponds inflow meter OOS - waiting on PO from FNDC + 3-4 weeks • DWF Status: Compliant
Kohukohu				●	Compliant	• Scheduled for quarterly monitoring. Next scheduled: October. • DWF Status: Compliant
Opononi		X		●	Condition 19 – TAN, E.Coli.	• At NRC site 101580 TAN levels have risen to 38 g/m³. This, alongside past results cause med12 (30 g/m³) and 90th percentile (38 g/m³) limits to be breached. • At NRC site 101580 E.coli levels are 3448 MPN/100 mL. Rolling med12 limit (3000 MPN/100 mL) is being exceeded. • An upgrade to plant is required to address exceedances in TAN and E.Coli. An issues and options report have been commissioned which has identified recommended upgrade options. The next step is to identify the preferred upgrade strategy to support the consent renewal application. • DWF Status: Compliant
Paihia			X	●	Condition 9 – NH4-N Condition 13 - pH	• DWF Status: Compliant • Max number of exceedances breached for NH4-N. 2 breaches on 06/07 and 17/08 above the 90-percentile limit of 4 g/m3. • An investigation into why the ammonia levels have risen in recent months is underway. Alkalinity improvement project still underway. • pH level measured at 5.96 at downstream sample site. This is below the minimum pH (6) allowed. • EAC.067129.01 Abatement notice (2016) cancelled
Rawene				●	Compliant	• The two anaerobic ponds require desludging - if this work continues to be deferred there is a risk of non-compliance. • DWF Status: Compliant
Rangiputa				●	Compliant	• Scheduled monitoring every 4 months. Next scheduled: October. • DWF Status: Compliant
Russell				●	Condition 9 Condition 8	• Condition 9 - Report on monitoring and infiltration efficiency overdue. Monitoring needs to be done over summer. • Access to bores needs maintenance – FNW developing a maintenance plan • Condition 8 – Land instability report due in May. To be escalated.
Taipa				●	Condition 2 – Faecal Coliforms, DO	• Continuing to operate under old RC conditions until EC appeal resolved. • NH4-N trigger limit exceeded on 10/08 at 10 g/m3. Follow up testing from 10th – 13th downstream found compliant. • DS monitoring resulting from the NH4-N trigger found med5 and 80 percentile limits breached for faecal coliforms. This was attributed to the high amount of rainfall during the period of DS monitoring. • DS monitoring found the DS/US ratio of Dissolved Oxygen below 80% on 10/08/20. • ECB Taipa out flow meter OOS - expected replacement date 14/8/2020 • DWF Status: Compliant
Whatuwhiwhi				●	Condition 8 – TSS	• TSS level found non-compliant at marsh discharge point (NRC site 105629) for med12 – variation to TSS consent limit added to Infrastructure Planning Work Plan. • Outlet natural wetland (NRC site 104461) deemed inaccessible since December 2019. • DWF Status: Compliant

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

ASSET MANAGEMENT

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

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

EXECUTIVE SUMMARY

August 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) – due November 2020
- 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.

Considerable effort is being put into the development of the AMP for 3W and DF. The AMP is required by Audit as part of the LTP process.

Work continues on developing statement of work (SoWs), Scopes 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

Stormwater | District Facilities | Wastewater | Water | Roading

Activity	Asset Group	Status: Concept	Status: Plan	Status: Deliver	Status: Handover	Expected Completion	Comment
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). ***(Please refer to Programme Darwin section for further details).***
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 for audit.
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	Stormwater	•	•	•		FY20/21	Underway. Being consulted on with GHD. A draft plan is in place and draft strategy provided by December 2020. Infrastructure Planning is looking to hold 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	Stormwater	•	•	•		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	District Facilities	•	•	•	•	Ongoing	n/a
Project Pipeline – Initiations - Includes planning, feasibility studies, options assessments, business casing etc. before handover for Project Delivery							
Hihi WWTP	Wastewater	•	•			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 September 2020.
East Coast (Taipa) WWTP	Wastewater	•	•			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	Stormwater	•	•			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	Water	•	•			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	Wastewater	•	•			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	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

August continues to be extremely busy with increasing tree issues, community driven projects and on-going issues as a result of the recent weather events.

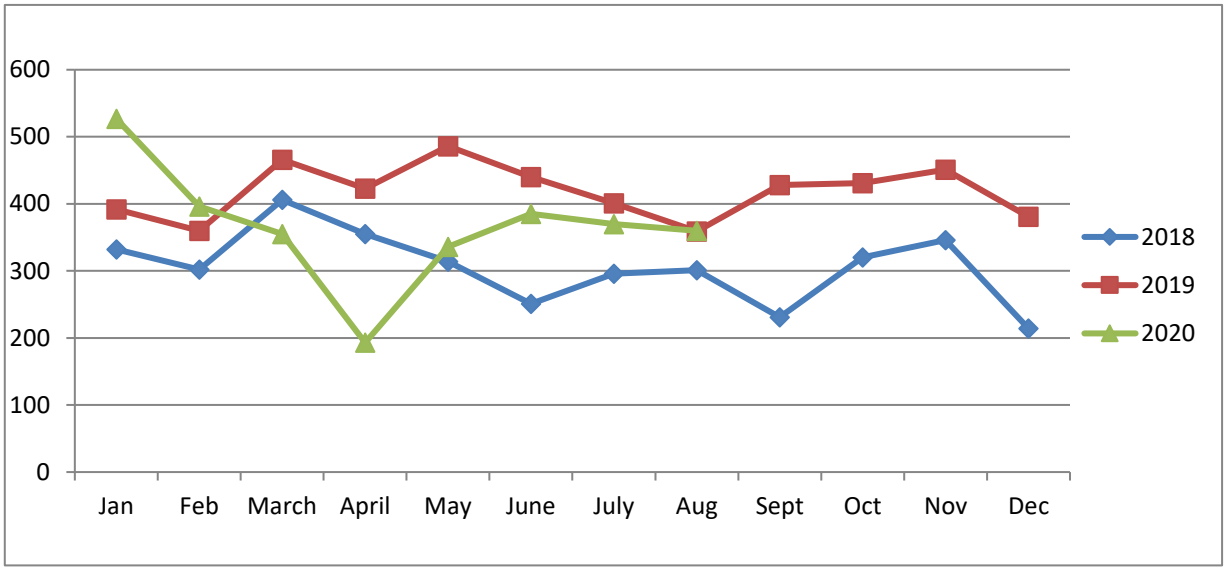
The recent MBIE, Te Tai Tokerau Worker Redeployment funding initiative has seen the workforce increased and focus on training and weed control.

Many of the RFS's received are needing extensions to their timeframe as a result of investigations needed and the availability of appropriate contractors, reflecting what appears to be a busy time for many. Many RFS's also reflect the increasing maintenance needs due to fair wear and tear reflecting an aging asset.

CUSTOMER EXPERIENCE PROGRAMME

Monthly District Facilities RFS numbers are:

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
2018	332	302	406	355	314	251	296	301	231	320	346	214	3688
2019	392	360	466	423	486	440	401	359	428	431	451	381	5081
2020	527	396	355	193	336	385	370	360					2922



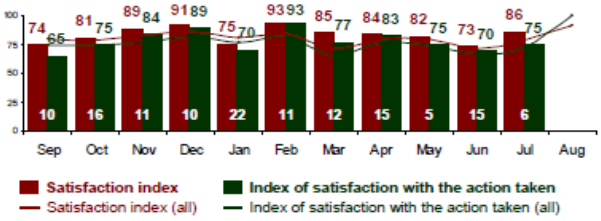
District Facilities – Monthly RFS numbers

Diagnostic feedback by Request Type Department

District Facilities

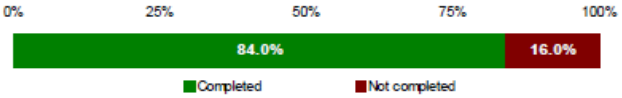
"n" = 26	Score for District Facilities	Average score
Satisfaction and loyalty:		
Customer Satisfaction Index	78	76
Satisfaction index components:		
Satisfaction with the action taken	72	71
Overall satisfaction making the request	82	79
Recommend contacting the council	80	78
Operational performance:		
Average days to close	25.31	12.67
Times customers need to make contact	1.33	1.50

Monthly trend for District Facilities:



	Score for District Facilities	Average score
Diagnostic attributes:		
Ease of making contact	85	85
Courtesy of staff they spoke to	95	92
Professionalism of staff they spoke to	90	90
Understanding of issues raised	88	85
Clarity of their response	89	83
Helpfulness of staff they spoke to	90	88
Follow through on promised actions	77	72
The speed of actioning the request	77	72
Kept informed of progress	63	66
Helpfulness of staff who actioned the request	82	76
Reinstatement of the site	75	66

Customer perceived completion:



HEALTH AND SAFETY

Recreational Services

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

Vehicle Machinery accident:

Working on the cycle way moving shale in preparation for resurfacing. Involved 3 staff, 1 operating a digger and the other 2 driving 2 trucks. As one truck was heading towards the work site with a load of shale, it encountered the other truck returning on a section of the cycleway that is not that wide. Unfortunately, there was not a suitable section where the trucks could pass each other safely, resulting in one of the trucks sliding sideways into the ditch. The second truck was able to pull him backwards out of the ditch.

Waste Management (Southern RTS)

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

Northland Waste (Northern RTS)

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

Vehicle Machinery accident:

- Mobile plant damage to contractors' truck while loading.
- Recycle truck hit a canopy - no damage to truck or canopy.

Near Misses:

- Four members of the public threw recycling around the yard. The onsite operator defused situation and prevented it escalating.
- Faulty seat in truck. Second report as this was not repaired since noting it in May. Seat has since been replaced.
- Worker reported speeding on site in truck.

Broad-spectrum (Russell RTS and landfill)

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

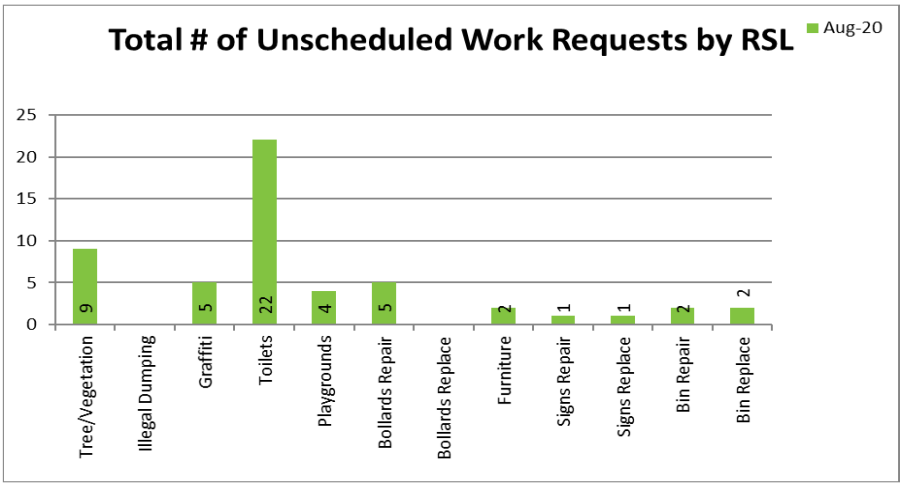
CBEC Eco Solutions (Waste education contract)

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

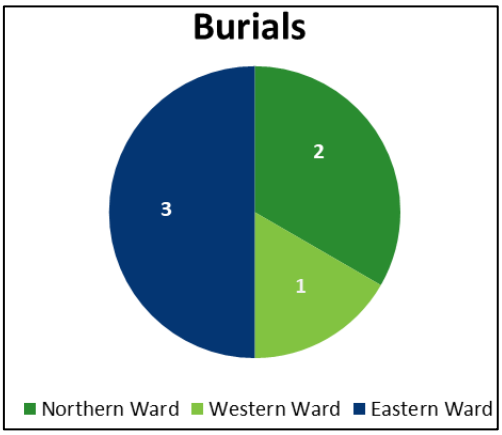
CBEC (Swimming Pools - Kaitaia, Kaikohe and Kerikeri)

All pools currently closed.

RECREATIONAL SERVICES



Number of unscheduled works requested by RSL

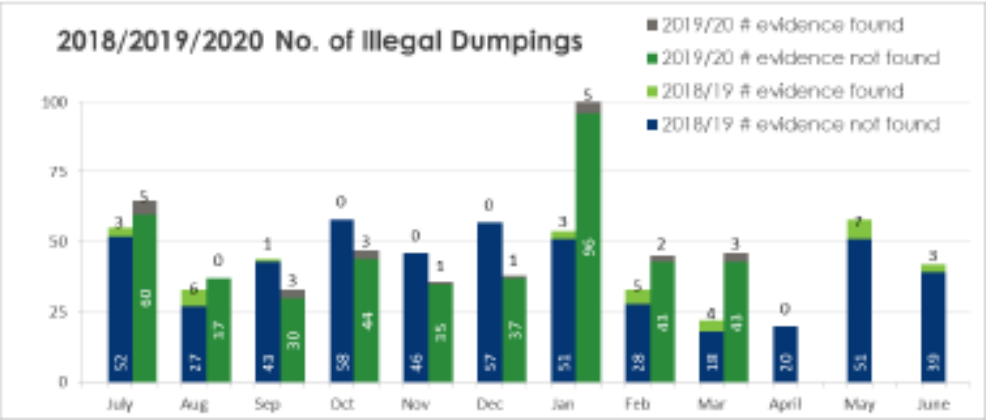


Number of burials at Council public cemeteries

Location	Dec '19	Jan '20	Feb '20	March '20	April '20	May '20	June '20	July '20	Aug '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	72.675m3 4 bags
Whitehills Transfer Station	181.51m3	222.19m3 & 380kg	129.44m3	66.9m3			122.23m3 33 bags	104.4m3	115.84m3
Kaikohe Transfer Station	7.6m3 & 6140kg	144.39m3 & 3020kg	83.2m3 & 3450kg	54.12m3 & 1910kg			79.9m3 3300kg	46.4m3 18 bags	36.2m3 4455.20 kgs 1 bag
Russell	15.5m3	14.5m3	28m3	3.5m3 & 15 bags			1.5m3	1.5m3	2.8m3
Kerikeri	4.49m3 & 240litres	5m3 & 42 bags					-	-	7.2m3 12 bags
Whangae	103.70m3		96.65m3	453.8m3			45.69m3	95.1m3	90.35m3
Opononi				17.4m3			-	-	-

RSL Litter volumes disposed of at Council Transfer Stations

ILLEGAL DUMPING



TOWN MAINTENANCE

The Kerikeri Fire Chief has requested the removal of a Melia tree located outside the fire station. The trees root system has caused serious damage to the buildings plumbing. An arborist report identified the tree was not in the best health. The Local Community Board Chair has been contacted and advised the tree will need to be removed and replaced with a more suitable specimen.

Melia tree outside the Kerikeri fire station

The Kerikeri campervan dump station received a small makeover to improve its functionality making it more user friendly as per suggestions received from the NZMCA. They have since responded saying "the Far North Area of the NZMCA thanks you for the improvements to the above facility."

Top Energy requested Council approve the removal of three large Phoenix palms in Russell which are causing issues with the overhead powerlines. The Chair of the community board was advised. All permissions have been received,

ex. the adjoining landowner who has been asked to confirm they are happy for the removal to occur in writing. Phoenix palms are listed as a pest plant species.

Did you know that Northland Regional Council have identified the Phoenix Palm a 'weed' and that:

"Land occupiers within Northland must destroy Phoenix palm on their land within five metres from the affected individual's residence, where the plant exacerbates human health problems. This rule will be enforced on receipt of a complaint from a directly affected person. A medical certificate/letter must be provided by the person affected.

Under Section 52 and 53 of the Biosecurity Act 1993 no person can sell, propagate, breed, distribute or otherwise spread any pest in this Plan, or unwanted organism. Not complying with Section 52 or 53 is an offence under the Act and may result in penalties noted Section 157(1)."
https://www.nrc.govt.nz/environment/weed-and-pest-control/pest-control-hub/

Three Phoenix palms, Russell

PARKS AND RESERVES

Slippages caused trees to come down over parts of Paihia to Opua coastal walkway. Work continues by the contractors to have the fallen trees removed to make the walkway passable again.

Fallen tree debris on the Paihia-Opua coastal walkway

The recent bad weather also caused a large Eucalypt tree located on Council reserve to fall, narrowly missing a house in Kerikeri. An arborist has removed the top section of the tree and tidied up the area.

Fallen eucalypt tree

Large amounts of debris including trees were washed up and removed from along Paihia's waterfront.

Contractors had to manually remove much of the tree debris using chainsaws.

Tree debris located on Tii Beach, Paihia

Erosion along the foreshore continues to encroach into Freese Park Reserve, Omapere resulting in the temporary fencing being relocated inland again.

Freese Park Reserve, Omapere

A customer has raised concerns around a large Rimu tree growing next to her property on Council reserve in Paihia. While the tree appears to be in good health the concrete driveway installed by customer may be impacting on the root system and the trees ability to receive the required nutrients which could possibly be causing issues with the trees stability. An arborist is currently looking into the matter.

Rimu tree

Kerikeri Redwoods

The annual assessment has been carried out on the two stands of historic Redwoods located in Hawkins Crescent and Wendywood Lane, Kerikeri. While the Hawkins Cres stand was in overall good health, the largest of the trees root system was badly damaged during the development of a new retirement complex. An Arborist is currently planning the remedial work on the affected tree. The CEO of the Retirement Home has been advised they will be held accountable for all costs incurred.

The Wendywood Lane stand was a bit more of a concern with the report identifying the trees health being variable with 65% live crown ratio, poor foliage density and needle size.

Arborists are also coming up with a remedial action plan regarding this stand of Redwoods.

CEMETERIES

Kaikohe Cemetery

Stormwater improvements have been completed at the cemetery to alleviate the large amount of surface water affecting the gravesites.

Stormwater improvements, Kaikohe cemetery

PUBLIC TOILETS

Towards the end of August, Kaimaumau, Waipapakauri, Awanui, Houhora (next to the Game Fish Club), Rangiputa, Perehipe, Whatuwhiwhi, Ramp Road, Waiotaraire, Cable Bay, Mangonui Hall and Mangonui Lions Park toilets have been deep cleaned in preparation for the 2020/21 Summer season.

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.

The Whatuwhiwhi toilet bloc was hit by a car driving on the reserve resulting in significant damage to the rear cubical. This was an act of vandalism and has been reported to the Police. Unfortunately, the culprit/s involved have yet to be identified.

Whatuwhiwhi toilet damage

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.

- **Te Hue Bay** - an extension to remove buildings from the reserve was provided due to the impact of COVID. All illegal structures must be removed 19 October 2020.
- Discussions continue with Hone Mihaka (Taimai Tours) to remove the container located on Te Tii Point, Waitangi.
- **Cable Bay** – Two neighbouring 'lodges' have been found to have structures encroaching on the Council reserve. Both property owners have been issued letters identifying the encroachments asking them to provide information on what they will do to rectify the situation.
- A number of other encroachments continue to be investigated and furthered.

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

Variation agreements have been forwarded to:

- Broadspectrum re Contract 07/15/601 Operation of Russell Landfill and Recycling Facility extension
- Northland Waste re Contract 7/15/603 Waste Management and Minimisation services – Northern extension

Variation agreements will be sent to CBEC and Waste Management in early September for the extension of their contracts.

Kerbside collections

Although not contracted by Council, kerbside collections attract a lot of complaints from both the public and elected members. There are two fundamental issues with the kerbside services, they are:

Illegal dumping of rubbish below a 'No Dumping' sign - Kaeo

1. Not all properties are serviced. This results in bags being dumped at collection points (both approved and not approved) rather than left outside the resident's property.

   Main complaints are about bags left at collection points on any day of the week not just the advised collection 'day'. The Solid Waste Bylaw requires the waste companies to pick up bags within 4 days. For sites that get frequent complaints, the waste companies schedule a collection twice a week rather than just respond to complaints. This action to try and resolve this issue appears to raise public expectations that the collections occur more or less on demand. The fundamental problem is residents putting bags out all days of the week rather than lack of collection by the waste contractors.

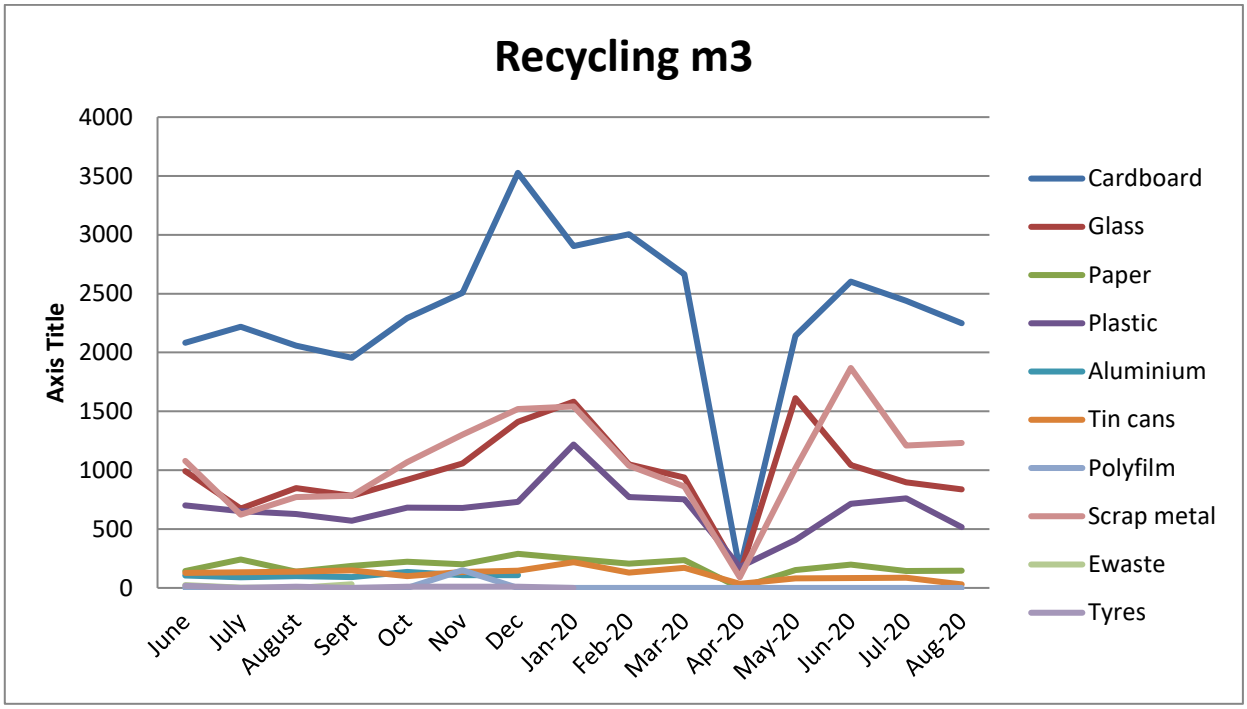
2. Minimal monitoring and / or enforcement of the Solid Waste Bylaw around early / late bags and use of non-approved rubbish bags. Currently Council relies on the contractors to provide evidence that is then actioned by the Compliance and Monitoring team. Recidivist offenders have learnt not to leave addressed envelopes or personal information that could help ID offenders / addresses in the dumped rubbish. The photo below shows rubbish neatly piled up around a FNDC no dumping sign near Kaeo. No evidence was found in any of the bags.

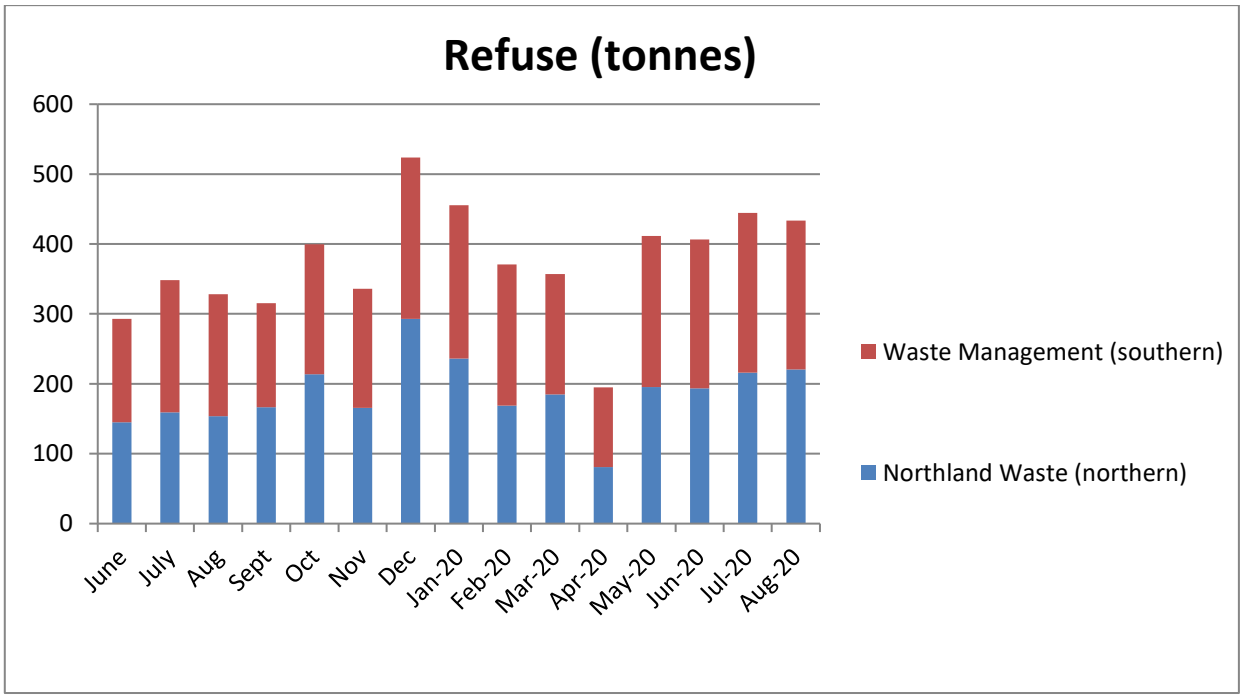
The Solid Waste Bylaw which provides some control over kerbside services is due for review in May 2021.

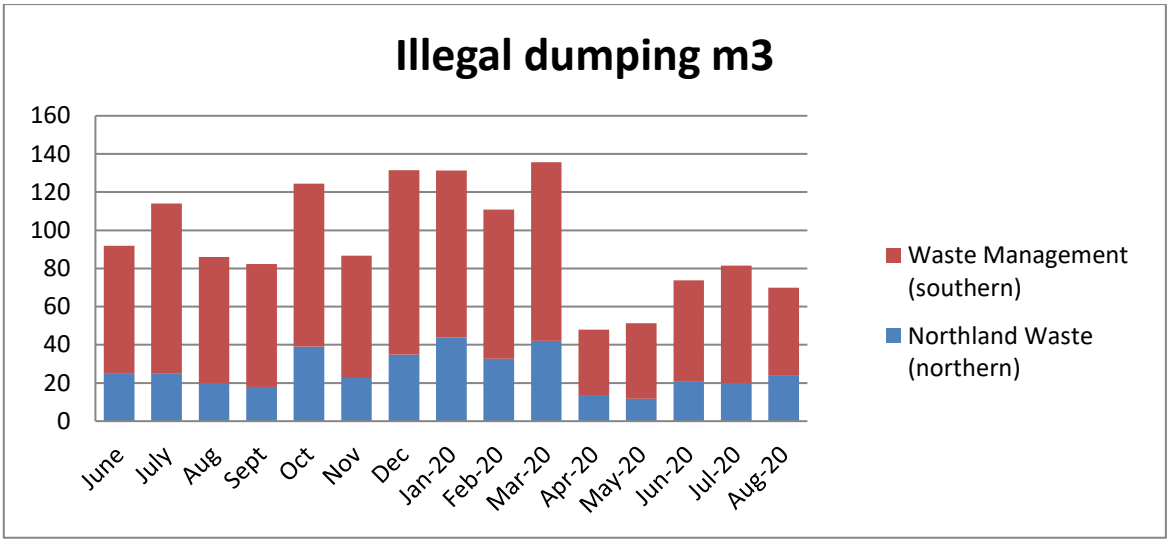
LITTER INFRINGEMENT ACTION

District Facilities staff and contractors continue to be frustrated at the volume of illegal dumping's across the District. Further, when investigated, cleaned up and evidence found and supplied, very little, if any action is taken to hold anyone accountable as per the statistics provided above.

SOLID WASTE STATS –







SWIMMING POOLS

Many of the outstanding contractual issues have now been resolved.

COVID-19 invoice – This matter is yet to be resolved. Relates to an invoice relating to COVID costs even though CBEC at the time were told to cease all works from 1 April. Sport Northland is also in receipt of a similar invoice.

Kaitaia Pool Dangerous Goods Certification – Many of the issues relating to the issuing of a Dangerous Goods Cert. have been resolved. BSL, with assurance from the KTA Fire Service will provide the back-up staff needed at the time of handling the chlorine gas and the required PP is being procured.

Kaikohe Pool – this pool remains empty while resolving maintenance roles and responsibilities. A discussion has started to agree on appropriate terms and conditions of a new MOU that should align with the new Swimming Pool contract.

BOI Recreation and Pool Facility - Sport Northland, as owner of the facility continue to realise a number of regulatory requirements and have asked council to financially assist with the cost of replacing the roof. The annual maintenance grant of $27k should enable this to happen

COMMUNITY FACILITIES

Lake Ohia Community Hall

Waiting on the hall committee to confirm their availability to meet and discuss the findings of the condition.

Te Hononga, Kawakawa

Opening October 2020, ongoing discussions continue to resolve operational, maintenance and management roles and responsibilities concerning mainly the cleaning, reserve and car park when looking at District Facilities role with this new facility.

The existing Hundertwasser toilet and tree matters are being managed by the Asset Management team.

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:

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

Healthy Homes Regulations

Omapere HFE project delivery draft stopping and installation of heating to start August / September. This work includes the window repairs required for each unit as well as the installation of heating units on completion.

Waima Village

Urgent remedial repairs to the existing water tanks and filtering system have are nearing completion.

LEASES / AGREEMENTS

AUGUST	To do	Applicant	District Facilities	Legalisation Services	Negotiating	Ready for signing	Completed this month
Western	SP&P - AUG '20: Rawene Campus		Opononi Statue Agreement	**JAN:** Opononi Bowling Club Lease (new)	**SEPT '19**: RAD Lease		**AUG '20:** Kaikohe Market (cancelled - relocated to a private property)
			AUG '20 Northland College - Swimming Pool MOU (new)	**JAN:** Hokianga Coastguard Lease (new)			
				JAN: Hokianga Treks			
Eastern	Cherry Park House - not part of the Hall Strategy / Policy, potential for an Agreement / Lease	**AUG '20:** Russell Sports Trust Lease (renewal)	**DEC '19:** Bledisloe Domain Agreement (on hold)		**AUG '20:** Vision Kerikeri Wairoa Stream (Volunteer Agreement)		**AUG '20:** Kerikeri Bowling Club Renewal (expires 31/3/2040)
	Kerikeri College - Swimming Pool MOU (review)	**AUG '20:** Kerikeri Walking Group (Volunteer Agreement)	**AUG '19:** Kawakawa Memorial Library Hall Lease (renewal?)		**ONGOING**: Walls Bay (Doug Smuck)		**AUG '20:** St Johns Med Centre (Russell) Renewal (expires 30/4/2037)
	Russell Tennis Club - located on Council land without any formal arrangement		**AUG '20:** Rolands Wood - waiting on signed agreement from FORWT. Matter will then proceed to the High Court to change over the Trust Deed.		**ONGOING:** Kerikeri Sports Complex Lease (new)		**AUG '20:** 428 Waimate North Road (LTO)
	Focus Paihia - Paihia Village Green		**AUG '20:** Waipapa public toilet agreement	Investigation: * Tauranga Bay - water easement Agreement (new due to expiry)			
Northern	**FEB:** Te Hiku Sports Hub land lease (on hold)	**JAN '20:** Te Rarawa Rugby lease (new)	**ON HOLD (June):** Kaitaia Saturday Market Agreement (on hold)	**JAN:** St Johns Ambulance Ahipara Lease (renewal)	**MAY:** Waiotaraire Reserve - public toilet water supply agreement (new)		**JULY:** Houhora Point public toilet service agreement
		JAN '20: Hihi Community Centre Lease (new)	**JAN:** Te Kao - public toilet Agreement (new)	**JAN '20:** Te Kohanga Reo o Houhora Lease (new)	**AUG '20:** FENZ Karikari 28 Maitai Bay Road (Rob Koops)		**AUG '20:** Omatai Waka Club (new permit) 12 months only
		AUG '20: Kaitaia Plunket Lease		**FEB '20:** Tumanako o Kaitaia Kohanga Reo Trust (new)	**AUG '20:** APRI - Unahi Wharf Agreement (new)		
Other	Far North Holdings - property agreement						
	SP&P to do: * Paihia Village Green Management Plan						

Hokianga Coastguard and Opononi Bowling Club: Issues with the costs of leasing the land as Fee Simple and incur additional costs including rates

Opononi Statue Agreement: Not on Council land, not a Council issue - need to consider an alternative site, if committee want to remove it or hand it over to someone else to maintain

Rawene Campus: Building and stormwater reports received identifying key issues. A formal agreement being furthered with SP&P.

APRI Unahi Reserve and Wharf: Final issue relating to Dog regulations and APRI who, if possible do not want dogs or at least on leash on the land.

Kaitaia Kindergarten: On-going investigations underway by the Kindergarten Association and what the future options are and whether this site is needed or not.

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.

PGF ROADING

EXECUTIVE SUMMARY and OVERVIEW

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.

Planning commenced immediately, by engaging resources to pull together contract agreements and identify any opportunities to start early pre-implementation works.

In doing so, the NTA were engaged early to undertake site investigation and testing through the maintenance contracts, and work began to produce project scopes and delivery programmes.

The delivery milestones required to achieve the dates set out in the funding applications are very tight and will require some accelerated processes and innovative delivery methods.

It is proposed to deliver the Strategic Roads Priority 1 Routes package (Peria Road and Ngapipito Road) through the existing NTA Road Maintenance Contracts.

- Peria Road – 6.3km seal extension and associated works to be delivered through the North Area Contract by Fulton Hogan.
- Ngapipito Road – 5km seal extension and associated works to be delivered through the South Area Contract by Broadspectrum.

For the Ruapekapeka Road project, we have engaged Broadspectrum as the Early Contractor Involvement (ECI) supplier through the South Area Contract. The proposed delivery mechanism for the balance of the Ruapekapeka Road works is to utilise the NZTA Northland Delivery Framework (NDF) Lot 2 Suppliers, via a closed tender for construction. This project will be delivered with a staged construction programme, including investigation, design, enabling works and completion of the sealed pavement and associated works between the Pa site and the British camp site (600m) prior to the 175th anniversary commemoration planned for January 2021.

In addition to the seal extension works, there is also work to be undertaken on the following;

- Bridge upgrades to HPMV loading
- Intersection safety improvements on SH1, 10 and 15
- Flood investigation and improvement works

Investigations and design are already underway for this additional scope of work.

SUMMARY FOR AUGUST

August has seen the expected delivery milestones achieved, including early administration deliverables for execution of the funding agreement, delegating authority to the Chief Executive and commencement of investigation, testing and design work on all of the project sites. In addition to this, the NTA team have started drainage and earthworks on Peria Road and tree clearing on Ruapekapeka Road.

PROGRAMME OVERVIEW

A detailed programme is in development now which will align closely with the deliverables specified in the project agreements shown in the following tables.

The deliverables for Payment #1 have been achieved for both projects, unlocking the first claim value of $500k in August. This will be followed by the first quarterly payment claim for the work completed up to 30 September.

We are currently working with NZTA to set up these contracts in their TIO system to ensure efficient processing of future claims.

▶ Priority 1 Roads Programme Milestones

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

▶ Ruapekapeka Road Programme Milestones

Deliverable	Completion Date	Status
• Funding Agreement executed by both parties • Investigation and design underway	August 2020	
• ECI agreement in place • Stage 1 investigation and design complete • Stage 1 construction underway. Enabling works (vegetation clearing, earthworks, widening and drainage) commenced before 1 September	30 September 2020	

▶ Ruapekapeka Road Programme Milestones		
2020.		
• Stage 1 construction complete • Stage 2 design complete • Stage 2 construction underway	31 December 2020	
• Stage 2 construction complete	31 March 2021	
• Final completion of surfacing	30 June 2021	

The budgets will be refined as the final scope of work is better understood in the near future, but early indications are that the approved funding will be sufficient to complete the intended scope of work.

STAKEHOLDER COMMUNICATION

In the case of Ruapekapeka Road, there are a significant number of stakeholders involved with the scope of work near the Ruapekapeka Pā site and the proposed intersection improvements with respect to safety and tourism at State Highway 1. We have made initial contact with the following parties and have agreed to ongoing meetings to ensure all parties are well informed;

- Iwi/Hapu – Ngāti Hine, Ngāti Hau, Ngāti Manu and Te Kāpiti
- Te Ruapekapeka Trust
- DOC
- Geometra (Archaeological Specialists)
- NZTA
- NRC
- Affected landowners

All stakeholders and affected parties are in full support of this project. The Te Ruapekapeka Trust also have funds approved to develop the Pā site and enhance the entrance to Ruapekapeka Road with a proposed Pou and Waharoa near the intersection of State Highway 1, so it is critical that we work closely together on these projects.

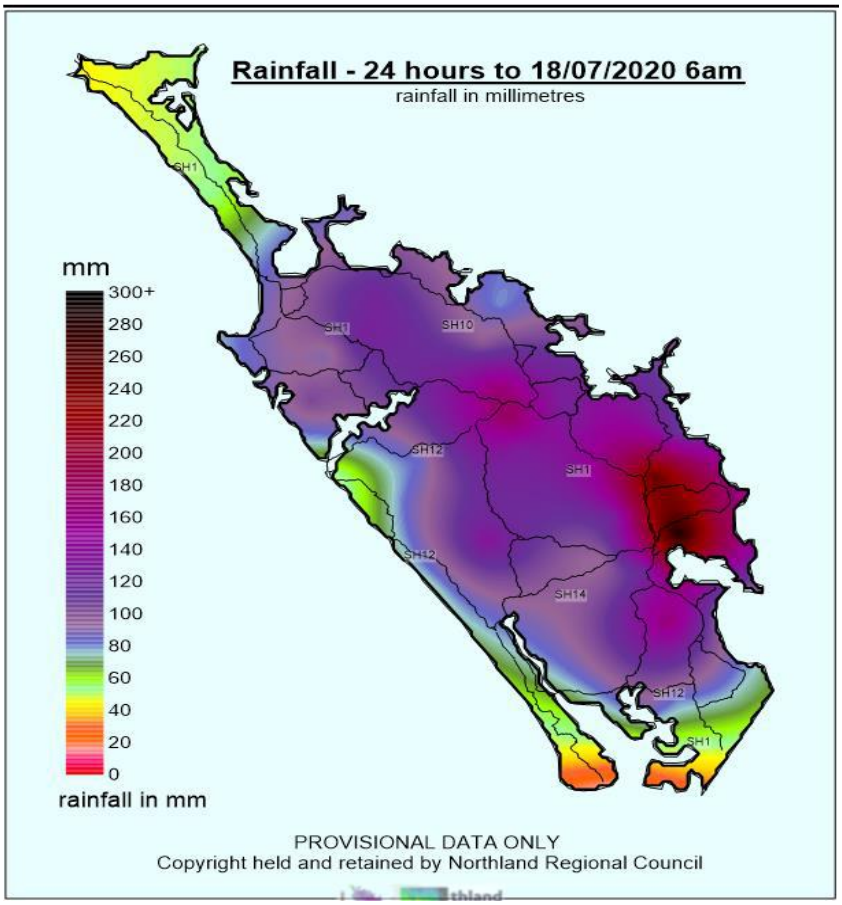
The upcoming 175th anniversary commemoration planned for January 2021 is a very important and significant event that we must plan around and deliver key milestones before this event. Unfortunately, the short timeframe will not allow us to deliver the full scope of work for this project by this date, but we are planning to complete the road sealing works adjacent to the Pa site and the intersection improvement works by December 2020. This will leave the final seal extension work and associated improvements to be completed after the commemoration event. This has been communicated to the stakeholders and they acknowledge that this would be a positive outcome.

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

In August we spent the month working through more storm works including:

- The remaining slips on Ngapipito Rd, Pipiwai Rd and Waikare Rd.
- Water table scouring and culvert wash outs
- Culvert clearing and flushing
- Kerb and channel sweeping round
- Moerewa soak hole clearing completed post storm removing debris and clearing sumps.

A few dangerous trees have been removed in recent weeks.

MBIE funding commenced with the litter run going very well and Puketotara Rd trees removed.

Our grader operators continued working through the network with 33% of the unsealed network graded.

The footpath team spent the month working on the smaller sites around town that needed to be done including Kerikeri and Kawakawa.

As we work towards spring (warm and dry days hopefully) we can start to recommence the large pavement rehabilitation and seal extension programmes including PGF and TIF funded sites.

WORK PROGRAMME

A total of 1442 individual work items were completed throughout the month of August which 881 were routine find and fix issues, 288 were cyclic or part of annual rounds, 161 were programmed works, 2 were renewals/capital projects, and 110 were callouts or emergency response works.

September forward works programme has been submitted in RAMM.

Diesel Spill rung in through the RFS System – Old Bay Rd

ROUTINE WORKS COMPLETED

Routine maintenance activities completed in August:

- 306 sealed potholes repaired
- 2625 unsealed potholes repaired
- 262 km of unsealed roads graded equating to 33% of the total unsealed network.

DRAINAGE MAINTENANCE AND RENEWALS

Drainage maintenance activities completed in August:

- 122 Culvert ends cleared
- 25m Culvert pipes replaced/new
- 350m of heavy water tabling
- 0m of light water tabling
- 132 Culverts flushed

Blue Marlin Dr – Pram Crossing Replacement

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 25 drainage inspections running overdue.

SH11 (Haruru) – Fencing damage repairs

ORDERED WORKS

- 41.5m² of footpath replacement/renewal was completed in July.
- 7813m³ of Maintenance metal was applied to the unsealed network

ROAD FURNITURE ACTIVITY

- 4 new signs installed or replaced (damaged or missing)
- 4 signposts replaced
- 18 signs re-re-erected or straightened

STRUCTURES

No structural repairs carried out in August.

STORM UPDATE

We are still feverishly working through a large amount of storm damage dispatches. As mentioned in the summary we have been working on the slip clearing, water table scouring and culvert clearing. In September our focus moves to the large amount of deep channel scouring through the rural network.

Matawaia-Maromaku Rd – Slip previously cleared with material still migrating towards road

Waimate North – Watertable Repairs completed

Culvert Wash out

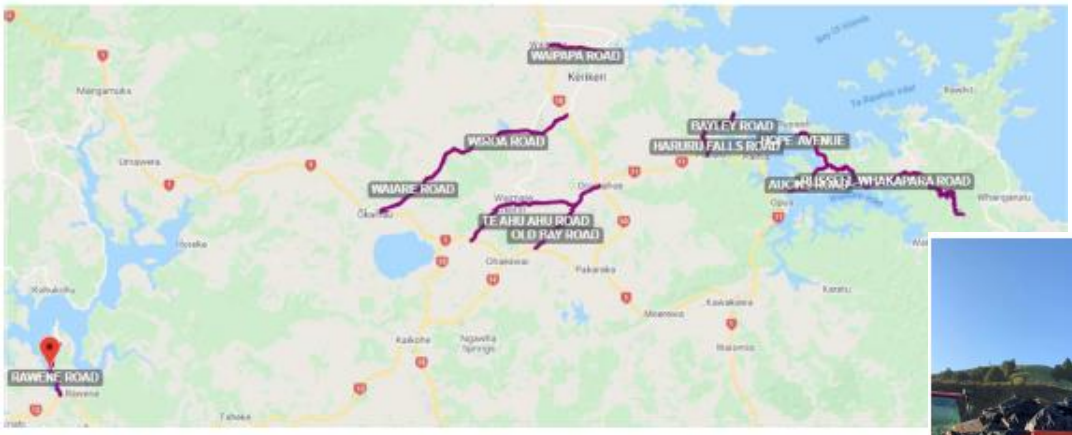
Pipiwai Rd – Slip continuing to fall in rain events post July storm

MBIE FUNDING

Litter Collection

Funding provided by MBIE (Ministry of Business, Innovation & Employment) has been utilised as per the Ministries request to support local small business and people displaced following COVID. Our litter collection

team including 3 new Allied Workforce staff managed by an experienced Broadspectrum STMS have been going well. We are in the process of having these 3 AWF labourers join our team for the whole summer season on other works post litter collection. A very successful programme.



Some of the roads that litter collection was carried out on.
More roads added in September around Kaikohe

Half of the litter collection run –
Note that's a 9m3 skip!

Tree Removal

A large block of Macrocarpa's were removed by a Forestry company recently bought on board.

In September we are aiming to commence the noxious weed spraying and seedling removal. As well as other tree removal sites like Waipapa Rd. Sight rails to commence in Sept as well.

Before and After – Puketotara Rd
Tree Removal

RESEALS

Preseals to commence in the first week of September. Reseal list was discussed with NTA on Friday 21st August in a workshop environment. Reseals targeting a start date of late November and finishing in Mid-January.

REHABS

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 – To recommence on 15th September weather permitting and complete within 1 month.

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. At this stage we plan to recommence on site on 15th September with 5-6 days' work left to complete the site following last season's lockdown delays.

Okaihau Rd – RP1235 - 2311
Test Results – Test pits received on 21/7/20. Awaiting soaked CBRs for final design.
Survey – Completed
Design – 90% completed, safety audit complete
Physical Works – Commencing on 22/9/20
Target Completion – 30/11/20

Horeke Rd – RP11570 - 12580
Test Results – Test pits received on 24/7/20. Awaiting soaked CBR results.
Survey – Completed
Design – 80% completed, safety audit complete
Physical Works – Commencing on 1/10/20
Target Completion – 22/12/20

Seal Extensions

Porotu Rd – RP0 – 1380
Drainage works nearing completion. Pavement overlay to commence in August.

Puketi Rd – RP0 – 1000
Dig out at Bridge approach commence on 31st August. Overlay to recommence in second week of September.

Koropewa Rd – RP15 – 1833
Test Results – Received
Survey – Completed
Design – 100% complete. To be submitted on 3/9/20
Physical Works – Commencing on 26/10/20
Target Completion – 22/12/20

Pungaere Rd – RP8820 - 12410
Test Results – Received
Survey – 100% complete
Design – 80% completed. Safety audit received.
Physical Works – Commencing 15/10/20
Target Completion – 15/3/21

Ngapipito Rd – RP3500 - 8435

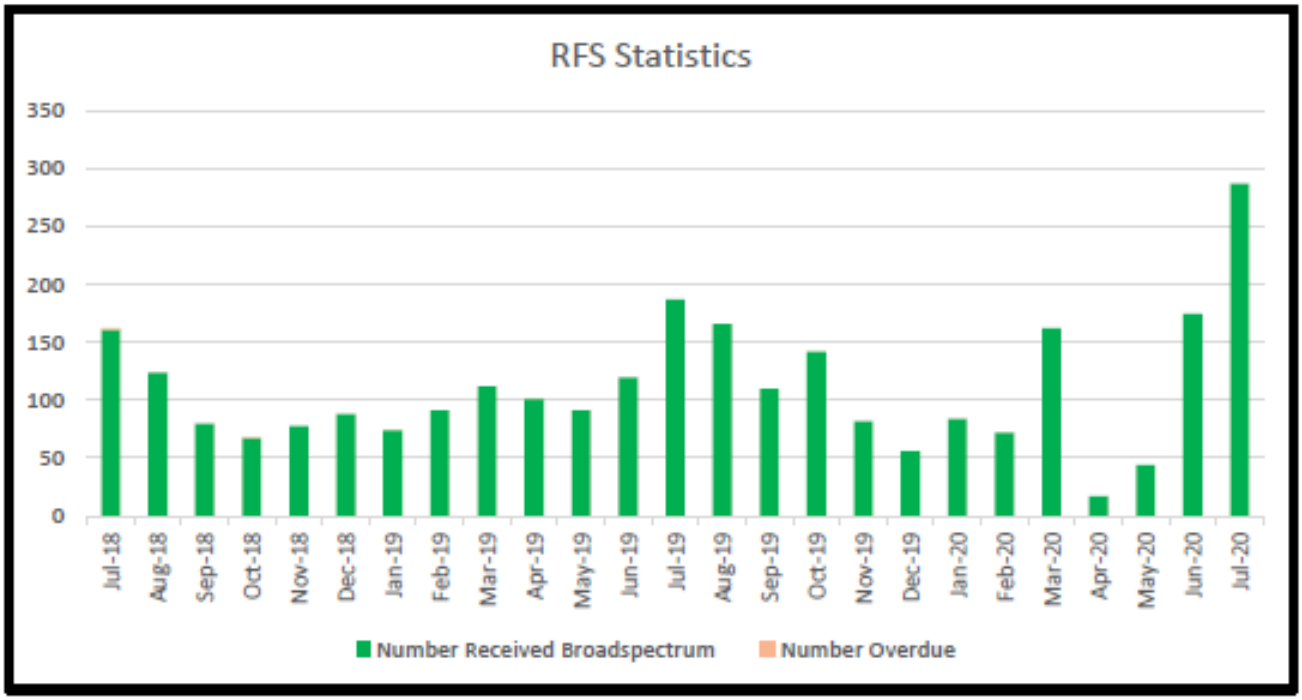
Test Results – To come in September
Survey – 100% complete
Design – 80% completed. Safety Audit received.
Physical Works – Commencing 15/10/20
Target Completion – 15/3/21

ROAD ACCIDENT REPORT

No road accidents to report this month.

CUSTOMER SERVICE ISSUES/COMPLAINTS

RFS statistics for July only were available at the time of this report. Broadspectrum received 287 service requests during July 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. 80% of the RFS lodged with Council were storm related with another 100 not recorded until August records are released due to the records being captured from their due date, being 10 days post lodgement day. It was the biggest month by far for our public liaison. Potentially double the highest month we have had once August rollover results are allowed for.



COMPLIMENTS

Received 13th August 2020

Subject: MBIE Litter pick up and tree removal

Hi Dave

The litter pick-up crew were working on Russell-Whakapara Rd yesterday. I was impressed with the operation and the effort that was being made. Everything was operating smoothly and safely. Excellent visibility when

approaching from behind and the crew were well protected by the Ute following. Each time a vehicle approached from behind Sharon sounded the horn to alert the crew of the hazard.

I was impressed with the job-start and the attitude and enthusiasm of all the crew. Admittedly it was day one however the women all seemed to be enjoying the outdoors and were keen to do a good job. They all seemed proud of their efforts and how it improved the appearance of the roadside. I was impressed with the effort Sharon made to locate the owner of a cell phone found on the roadside. Well done and a very grateful local ratepayer who recovered her expensive phone was a positive feeling for them all.

Please pass on my comments to the crew. I will endeavour to touch base with them on a regular basis.

Cheers

Grant

RAMM ISSUES

No issues.

HEALTH AND SAFETY

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

We held a respirator fitting workshop on 4th August to ensure the correct type of filters and mask structures have been given to our workforce.

Respirator fitting

INNOVATIONS AND COLLABORATION

During August Broadspectrum started a new initiative, in house training sessions for those wanting to learn a new machine. 3 of our very experience "older hands" took time on a Saturday to show the keen team members how to operate a 6 Wheeler truck, grader and excavators of various sizes. The day was very successful and will be run every 2 weeks once the level 2 restrictions go away again. 11 staff members participated.

Training Day!

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
Urban Vegetation Spraying	0% completed
Rural Vegetation Spraying	0% completed

COMMUNITY ENGAGEMENT

David met with Education to employment to present our industry to secondary school students who are ready to leave school and are looking for a career. It was a success event with the aim to introduce some young people to the great opportunities that present themselves within the roading industry. We are aiming to employee two keen young enthusiastic school leavers in September for a busy season ahead.

FNDC Construction Projects

The following projects are currently in progress:

1. Scour Protection 2020 – FNDC South – 92% completed as at end of August.
2. General Bridge Maintenance 2020 – FNDC South – 3 Bridges to complete.

Jash our Renewals Manager trialling the application of Sika Products on the General Bridge Repairs Contract

FULTON HOGAN - NORTH AREA MAINTENANCE NETWORK CONTRACT REPORT

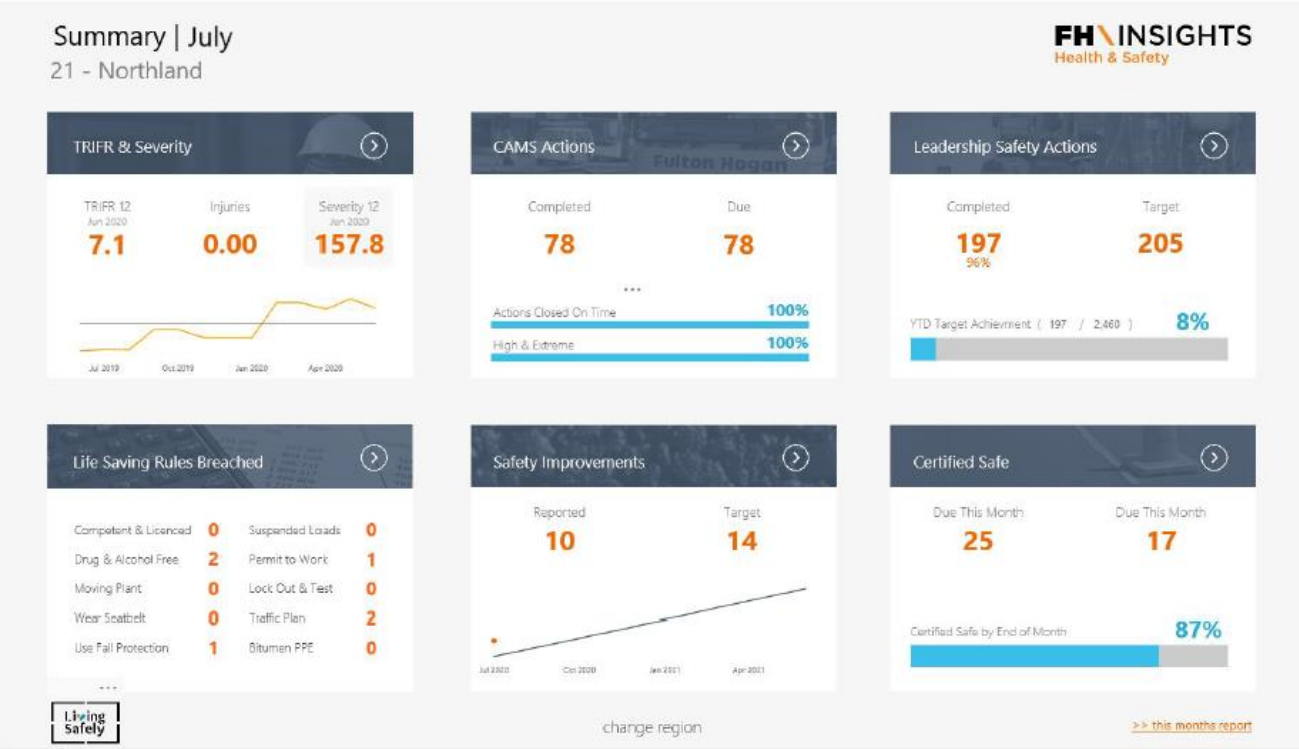
SUMMARY OF WORK

Item Number	Item Number
Number	**Contract Item Description**
CM01.1.1	CMngt Spread - Sealed Pave Mtce WC111
CM01.1.10	CMngt Spread - Drainage Renewals WC213
CM01.1.11	CMngt Spread - Sealed Rehab WC214
CM01.1.12	CMngt Spread - Structure Cmpnt Replace WC215
CM01.1.13	CMngt Spread - Traffic Service Renwl WC222
CM01.1.2	CMngt Spread - Unsealed Pave Mtce WC112
CM01.1.3	CMngt Spread - Routine Drain Mtce WC113
CM01.1.4	CMngt Spread - Structure Mtce WC114
CM01.1.5	CMngt Spread - Traffic Service Mtce WC122
CM01.1.6	CMngt Spread - Cyclepath Mtce WC124
CM01.1.7	CMngt Spread - N&AMngt WC151
CM01.1.8	CMngt Spread - Unsealed Rd Metal WC211
CM01.1.9	CMngt Spread - Sealed Rd Surfacing WC212
DR00.2	Drainage Renewal & Improvements Dayworks (PS)
DR01.1	Routine Drainage Mtce
DR01.1.1	Drainage Mtce (Routine)
DR02.2	Watertable Mtce - Heavy
DR02.3	Watertable Mtce - Rip Rap supply & place
DR04.1	Culvert Marker Replacement
DR05.5	K&C - Subsoil Drainage 100mm dia
DR06.10	Culvert Headwalls (Concreted Rock) <900mm dia
DR06.2	Culvert replace 375 dia 0 - 1.5m depth
DR06.3	Culvert replace 450 dia 0 - 1.5m depth
DR06.4	Culvert replace 600 dia 0 - 1.5m depth
DR06.7	Storm Boss pipe or equiv 375 plastic supply & install
DR06.8	Storm Boss pipe or equiv 450 plastic supply & install
DW1.10	DW - Excavator 07 - 14 tonne
DW1.13	DW - Static roller 10 - 12 tonne
DW1.19	DW - Truck (4 - 6 m3)
DW1.2	DW - Grader (12 - 14 tonne)
DW1.20	DW - Truck (6 - 8m3)

Item Number	Item Number
DW1.21	DW - Truck & trailer (8 - 16m3)
DW1.8	DW - Mini Excavator < 3 tonne
DW1.9	DW - Mini Excavator < 6 tonne
DW2.1	DW - Labourer
DW3.1	DW - Materials (PS)
DW3.2	DW - Materials On-Cost (15%)
FP00.2	Paths Renewals Dayworks (PS)
FP02.1	Path Concrete Slab Placement
FP02.2	Path Concrete Vehicle Crossing Placement
IN01.1	Sealed Road Core Inspections
IN02.1	Unsealed Road Core Inspections
IN03.1	Drainage Inspections
SG01.1	Routine Sign Mtce
SG01.1.1	Sign Mtce (Routine)
SG04.11.1	Sign - Street name(225mm) <1100mm SH 50/70kph VIP d/s
SG04.16.1	Sign Post - Wooden up to 3.5m long white gloss painted
SG04.16.2	Sign Post - Wooden 3.6 - 4.0m long white gloss painted
SG04.17.5	Sign Post - Painting Posts/Poles on site
SG04.2.4	Sign - RG-6 'Give Way' 750mm HI
SG04.3.1	Sign - Chevron Mini PW67 VIP s/sided
SG04.3.2	Sign - Chevron 600mm Standard PW66 VIP s/sided
SG04.7.2	Sign - PW 750 x 750mm diamond VIP s/sided
SG04.8.2	Sign - PW Supp 750 x 300mm VIP s/ided
SG04.8.3	Sign - PW25 Supp Curve Advisory Speed
SP00.2	Sealed Pvmt Renewals Dayworks (PS)
SP01.1	Routine Sealed Repair of Potholes
SP01.1.1	Sealed Repair of Potholes (Routine)
SP02.1	Routine Edge Breaks (<=1m)
SP02.1.1	Edge Breaks (<=1m) (Routine)
SP03.1	Temporary Pvmt Failure Repairs
SP12.1	Routine Detritus Removal
SP12.1.1	Detritus Removal (Routine)
SP18.1	Rehab - Cut to waste and dispose
SP18.3	Rehab - Supply place & compact AP65 Agg (loose meas)

Item Number	Item Number
ST01.1	Routine Bridge Maintenance
TF01.1	Routine Flexible Marker Post Straighten & Annual Clean
TF03.1	Flexible Marker Posts Replace and Install
TF04.1	Routine Railing and Barrier Mtce
TF04.1.1	Railings and Barrier Mtce (Routine)
UR01.1	Routine Unsealed - Pothole Repairs
UR01.1.1	Unsealed - Pothole Repairs (Routine)
UR02.1	Routine Unsealed - Surface Grading
UR02.1.1	Unsealed - Surface Grading (Routine)
UR02.2 UR04.1	Unsealed - GAP20 or GAP30 Supply place compact mtce agg Unsealed - Wet Roll and Grade
UR06.1	UnsPvmtStrgth - GAP40 or GAP65 Supply place compact
VC01.1	Routine Vegetation Envelope Mtce
VC01.1.1	Vegetation Envelope Mtce (Routine)
VC04.2	Routine Roadside Mowing (FNDC)
VC04.2.1	Roadside Mowing (Routine)

HEALTH & SAFETY



Type	# during period	# to date	Days since last incident
LTI	1	1	
MTC	0	0	769
FAI	0	0	769

First LTI occurred on the 5th of August with an unfortunate accident.

My mower operator was trying to adjust his seat from standing on the steps and wiggling the seat which made the seat arm that was up to come down hitting him on the head giving him concussion.

We picked him up and took him to the doctors and he has been off work for 2 weeks recovering.

Full recovery is the diagnosis, but with gradual increments of coming back to work.

QUALITY AND TRAINING

Environmental non-compliance notices issued

Nil non-compliances to report

Notice to Contractor issued

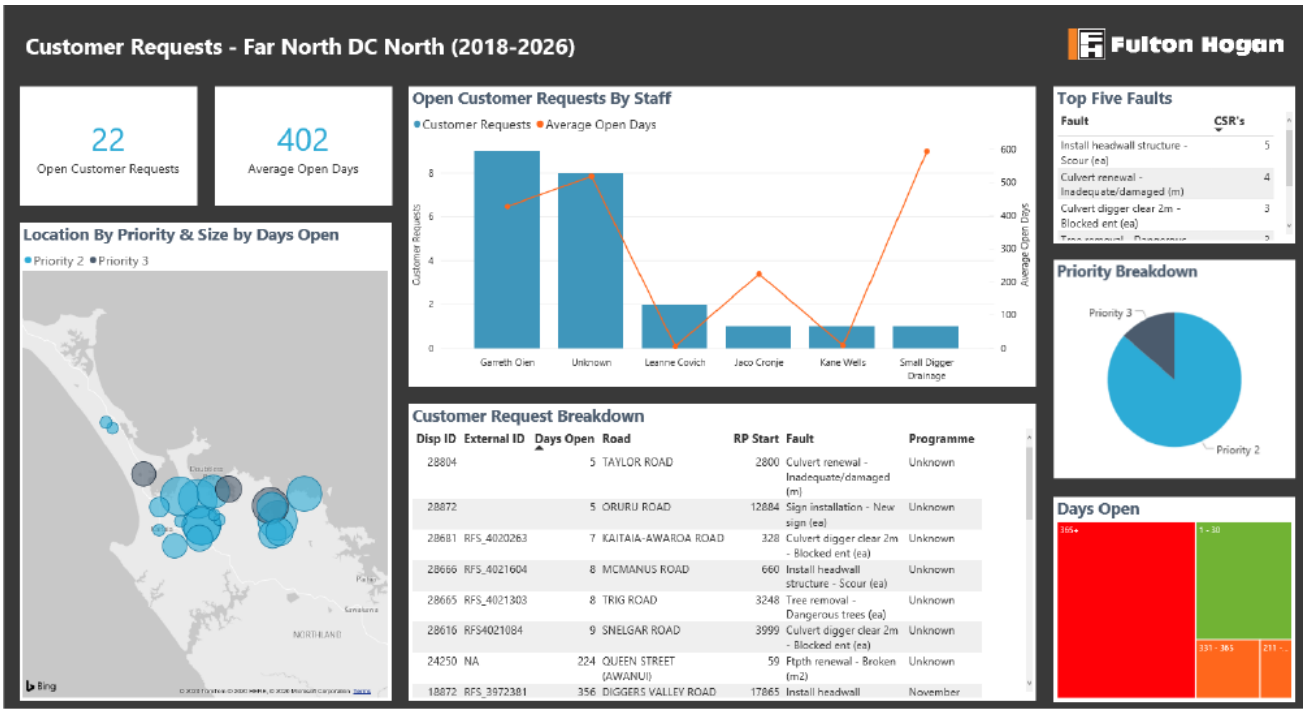
- NTC 43 AC at Mangamuka Bluff
- NTC 44 Mangamuka Rd rehab AC

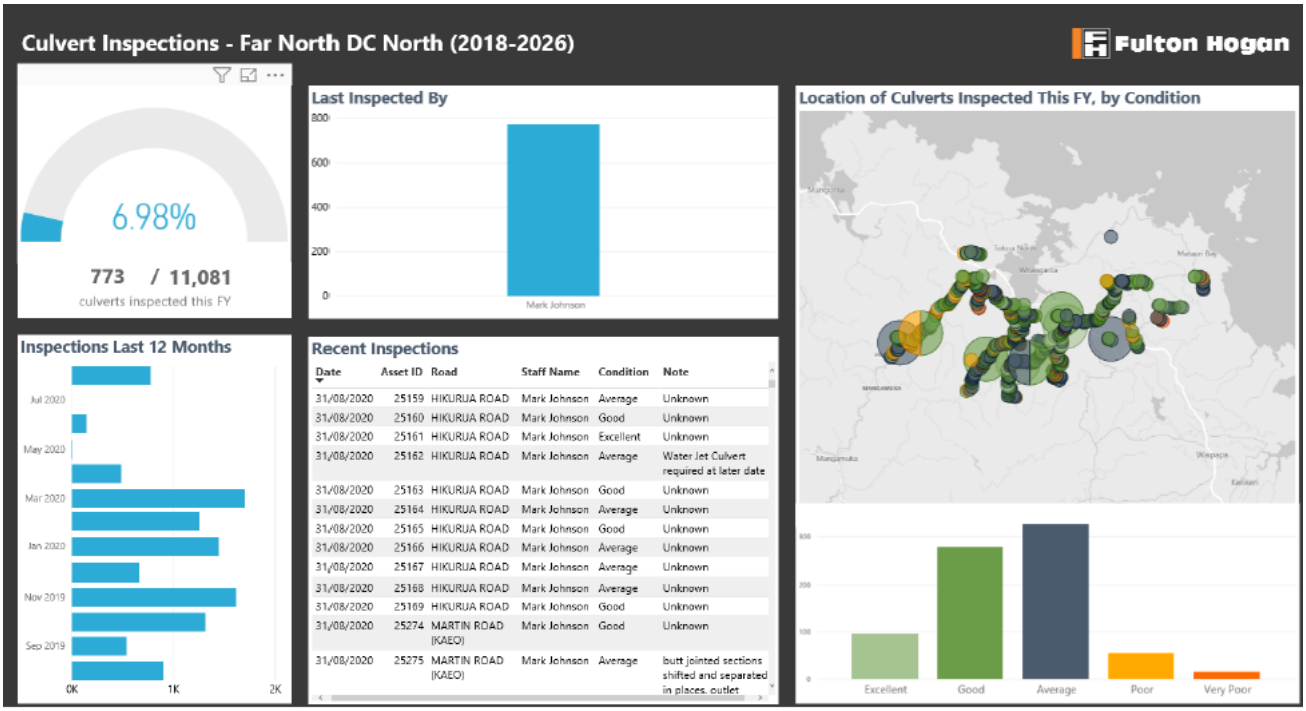
Training

First aid new and refresher. STMS, Health monitoring.

RAMM Issue for the month: Nil.

CUSTOMER SERVICE





SEPTEMBER PROGRAMME

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

- Concrete footpath work will be completed on Pukepoto Rd project.
- The Pawarenga Road Pavement Rehabilitation (Site 1) enabling works to have started.
- Works continue on the West Coast Rd flood protection works.
- Unsealed pavement renewal on Sandhill's Rd will be completed, Gill Rd will be started, and weather dependent will be completed this month.
- Water tabling, clearing, tree work, culvert replacement, will start and be ongoing on Peria Rd seal extension.

WAKA KOTAHI NZ TRANSPORT AGENCY - NORTHLAND ACTIVITY UPDATE

Activity	2018-21 NLTP	Completion	Progress	Commentary
State highway maintenance, operations and renewals	$75.40M	5%	Amber	The Transport Agency has put together our programme for this year and works have started. We have a plan to complete 102 lane km. SCRIM is still to be confirmed.
Low Cost / Low Risk	$5.3M	15%	Amber	**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; Safety projects: Moerewa Pedestrian Safety concept approved by Community additional funding has been made available via Walking & Cycling for a raised platform pedestrian crossing to be designed. Kaeo Pedestrian Safety concept design completed consultation with Community board completed with an Open Day for public consultation (due to close end Sept); SH1/North Road (Kaitaia) Intersection design is completed and pricing for construction is underway. Walking and Cycling Projects: SH11 Haruru Falls Design – geotechnical works completed. Working with NTA to progress a way forward. SH1/North Road (Kaitaia) Intersection design is completed, consultation with NTA completed works to be programmed. **Kaipara District Council Projects** SH12 Signs & Delineation West of Maungaturoto programmed for construction. **Other** Four projects are to be delivered this financial year with signage targeting safety on SH15, SH11, SH10 and SH1 Cape Reinga. All are in design with delivery early January. Mangamuka Gorge: The Gorge is closed due to the July Storm Event. Remedial works is underway to protect the road so one lane can be opened to light vehicles. Design options are being finalised for permanent repairs.
SH1: Dome Valley Safety Improvements	$31.7M	Late-2021	Green	Work continues, and a reduced volume of traffic during COVID19 Alert Level 3, meant some of the work planned as nightwork could be undertaken during the day under stop/go traffic management. The advantage was the team were able to get more done. The onset of warmer, drier weather means that the team will be able to begin sealing sections of the Dome Valley in preparation for the installation of the flexible road safety barriers. It is planned to install the first section of almost one kilometre from Sheep World southbound towards Warkworth in late September/early October 2020, a major milestone for the project. SH1 Dome Valley | NZ Transport Agency

Activity	2018-21 NLTP	Completion	Progress	Commentary
Northland speed review		TBD 2020	Amber	Speed limit changes on SH11 Haruru to Puketona and SH1 Moerewa to Kawakawa took effect on 24 August. We are still finalising an outcome for the SH10 Awanui to Pukewhai Road speed review, investigating the use of signage outside the two marae, in addition to speed limit changes. We expect to be in a position to finalise and communicate the outcome within the coming months. Speed Review Locations | NZ Transport Agency
SH1 Whangārei to Te Hana - Whangārei to Port Marsden Highway - NZ Upgrade Programme - Port Marsden Highway to Te Hana			Green	The preferred route of the four-lane corridor will be confirmed within the next 3-4 months, through the development of the Single Stage Business Case (SSBC). Lodgement of Notice of Requirement and resource consents is currently programmed for late-2021, with construction programmed to commence in 2023/24. Completion of the SSBC for the second section of Whangarei to Te Hana (Port Marsden Highway to Te Hana) is not part of the NZ Upgrade Programme and therefore funding is required to complete this work Whangarei to Te Hana | NZ Transport Agency Whangarei to Port Marsden Highway
SH1 Whangārei to Wellsford Standard Safety Intervention (Safe Network Programme)	$4M	Underway	Green	Pre-implementation is underway for Whangārei to Port Marsden Highway (Northern) section. Subject to funding and approvals, implementation is programmed for early-2021. Construction (at the northern extent) will be coordinated with the Loop Road project. 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. SH1 Whangarei to Wellsford | NZ Transport Agency
SH1 Warkworth to Wellsford		Route protection	Green	Evidence is being prepared for the Council hearing and pre-hearing meetings are underway with submitters. Council hearing starts on 6 October in Warkworth and is expected to take up to three weeks. SH1 Warkworth to Wellsford
SH1 corridor improvements – Whangarei (Tarewa Road)	$53.34M	Early-2020	Green	This month, an iwi artist and the children from Hora Hora Primary School will paint a mural on the wall under the new Otaika Bridge. This wall forms part of the new shared path under the bridge providing a safe link for bike riders and walkers to the Northland Polytech, Whangarei Hospital and the CBD. Traffic is expected to be moved onto the other side of the new bridge mid-September to enable the construction of the central island and northbound footpath. It is planned to complete this project in late-October. SH1 Tarewa Road Intersection Improvements | NZ

Activity	2018-21 NLTP	Completion	Progress	Commentary
				Transport Agency
SH1 Loop Road Safety improvements	$48.76M	Early 2022	Amber	COVID-19 travel restrictions in Auckland created delays to asphalting planned for August, delaying the roundabout traffic switch to mid-September. 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. Completion of the detailed design for the dual-lane scheme remains on programme for October. Regional consents have been lodged with Council. SH1 Loop Road Safety Improvements | NZ Transport Agency
SH10 Kaeo bridge	$21.95M	Late 2022	Amber	This project is in the design phase. Contract negotiations are still underway. We are hopeful the project will begin construction by the end of 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 has been granted. We are working with local iwi/hapū on cultural design elements. Kaeo Bridge | NZ Transport Agency
SH10 Waipapa corridor improvements	$24.5M	Early 2021	Amber	Road pavement and kerb and footpath preparation is underway across the site. Road surfacing work is likely to begin in mid-October. The roundabout portion of the project is scheduled for completion by December 2020, with the remainder of works to be complete by April 2021. SH10 Waipapa Corridor Improvements | NZ Transport Agency
SH1/11 Kawakawa intersection improvements (NZ Upgrade Programme)	$6M	Mid 2021	Green	Construction is underway with widening of state highway shoulder to enable construction of retaining wall almost complete.
SH10/11 Puketona Junction intersection improvements (NZ Upgrade Programme)	$15M	Mid 2021	Green	Construction continues with earthworks and drainage for temporary roading. Underground services are also being installed.

Activity	2018-21 NLTP	Completion	Progress	Commentary
SH12 Rawene Road intersection improvements (NZ Upgrade Programme)	$0.5M	Late 2020	Green	A second hui with Ngāpuhi is planned pre-construction. Construction is scheduled to begin in October and be completed in December.

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 August Far North Waters experienced no LTI's or MTI's, and we are currently operating with 1066 days LTI free. We attended 326 requests for service (RFS) call outs in August, down from 349 in July. Planned Maintenance (PM) August was 54% out of a total of 166 jobs, down from 77% in July. Continuation of post flood response has been a key contributor.

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 access ways washed away. Paihia, Russell, Kaeo, Hihi and Kawakawa Wastewater Treatment Plants overflowed due to storm water infiltration or river levels being high. Ongoing repair work to restore access ways to sites has continued during August.

Final commissioning of the Omanaia Water Treatment Plant successfully completed in July, 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.

CHALLENGES

Lake Omapere Equipment

Storm events affected the installed lake equipment, with the lake rising more than 800mm. Planning continues to attempt extraction once agreed with stakeholders; however, ground conditions currently make it impossible to use heavy machinery, alternative methods are being explored including a heavy lift Helicopter capable of a maximum lift or approximately 3.5 tons necessary to safely remove the 200KVA generator. 12 ton of equipment in total at the lake edge needs removal. Environmental controls are also being fitted to mitigate risk in the interim.

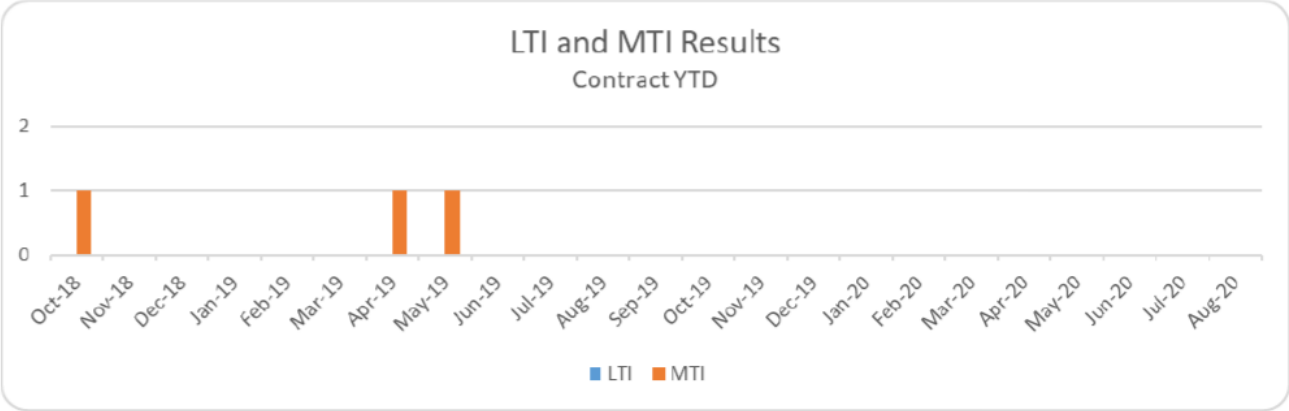
Wairoro Stream Pump Station Access

A replacement pump cannot be installed currently due to access issues. Top Energy have recently installed additional transmission assets across the nominated access point that support Ngawha's connection to the grid. This poses potential risks to crane truck movement due to clearances required for moving past electrically live equipment. FNW has met with Top Energy Asset Managers to agree a new route.

Paihia Water Treatment Plan

There has been a need for extra maintenance at the site post the floods, with both plant clarifiers needing de-sludging due to the amount of silt received during storm conditions affecting plant operation. The raw water intake and pump chambers now cleared of debris and supplying the plant. Further work still required to lift pumps for inspection, decommission emergency works and determine permanent/temporary connection design to allow for future Waitangi river high flow events.

HEALTH AND SAFETY



During August there have been no LTI's or MTI's and we are currently operating at 1066 days LTI free.

There have been no high potential incidents reported, and one close call where the cab of a truck has lifted while loading a digger.

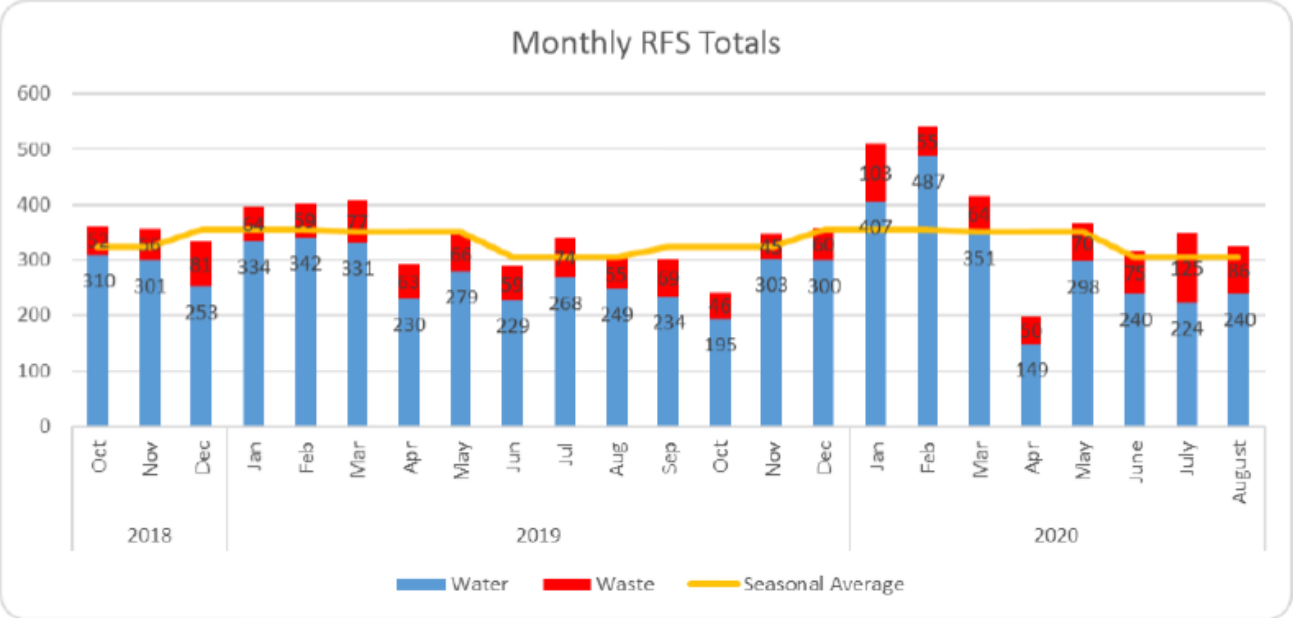
We experienced one Motor Vehicle Incident where a BRS vehicle reversed into a fence. During August there was also two Environmental Incidents reported including a sewer spill, and chemical (hypochlorite) spill due to failure of a non-return valve.

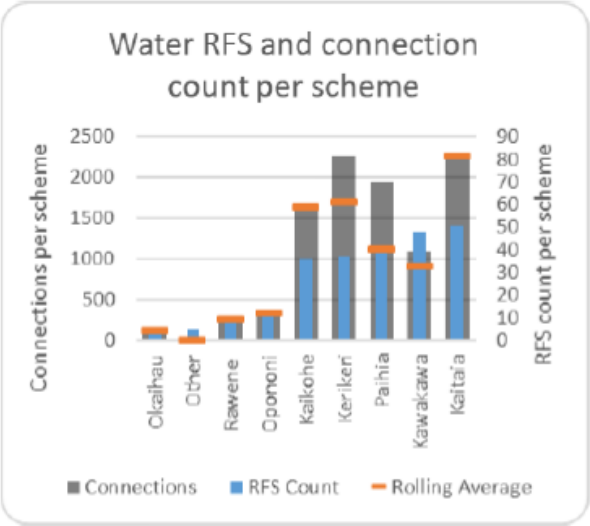
Northland remains at Level 2, due to this, most Far North Waters employees are working from home (where possible).

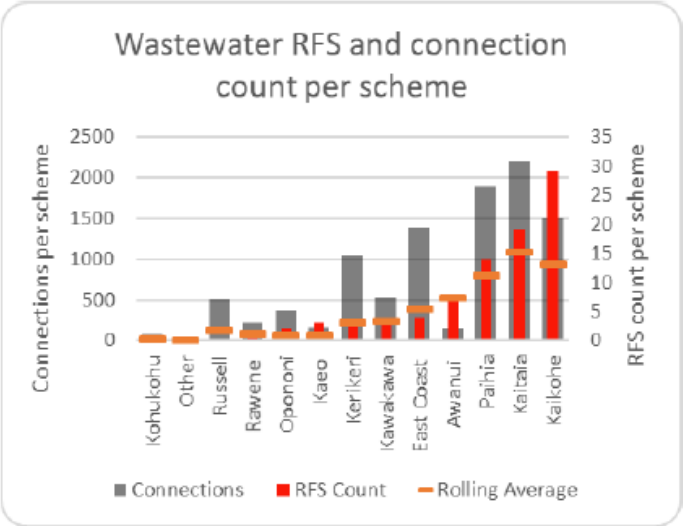
During the month of August, we also carried out 4 Leader Led Safety Conversations, 6 Critical Process Confirmations and 1 Operational Process Confirmation.

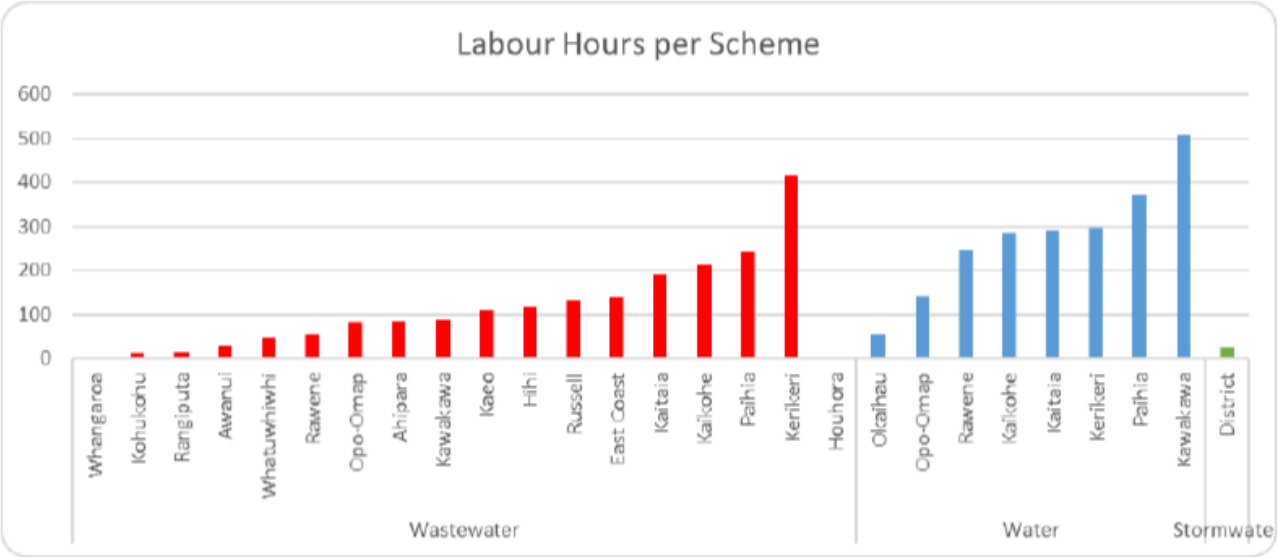
CUSTOMERS

The request for service (RFS) total for August was 326, down from 349 in July and up from 315 in June. The total for August is up from the same time last year, which was 304 RFSs.









PROJECTS

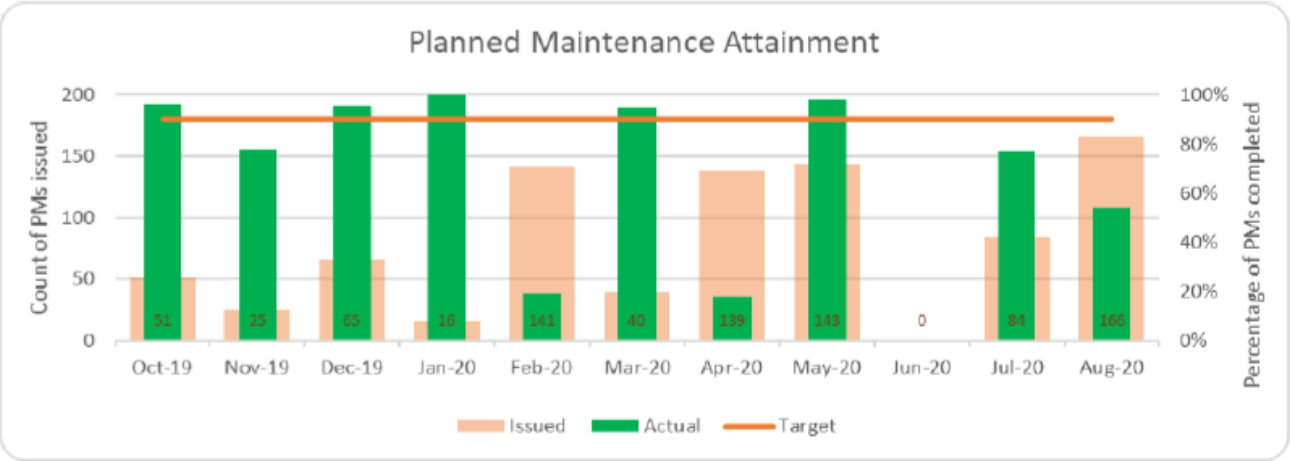
The current work in hand is progressing well with 22 jobs in progress, this includes de-sludge work.

ASSETS

Planned Maintenance for the month of August was 54% for a total of 166 jobs.

With all the new compliance issues that are arising, there are major problems getting the required data on to the SCADA system due to the aging PLCs. This is seen by the engineering staff as the most critical risk to the business. Our recommendations are to carry out the recommend independent review and install COMPACTLOGIX 5380.

***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 September.*


Planned Maintenance Attainment
Count of PMs issued
Percentage of PMs completed
200
150
100
50
0
100%
80%
60%
40%
20%
0%
51
25
65
16
141
40
139
143
0
84
166
Oct-19
Nov-19
Dec-19
Jan-20
Feb-20
Mar-20
Apr-20
May-20
Jun-20
Jul-20
Aug-20
Issued
Actual
Target

PUKETONA JUNCTION INTERSECTION IMPROVEMENTS – CONSTRUCTION UPDATE

The temporary road construction continues to be our main focus. A bit of rain has made things interesting, but progress remains strong.

We are planning to switch traffic onto the temporary road in a few weeks' time. Attached is a pdf showing the location of the temporary road and how the sequence of the traffic shift will occur. This will be well signposted and drivers will be instructed by our traffic management crew. However if you have any questions about this activity please drop me a line.

Below is an overview of what we will be working on over the next couple of weeks.

From Monday 7 September

Drainage and underground service installations continue

- Laying metal for the temporary road construction on both SH10 and SH11. The temporary road will be chip sealed just prior to the traffic switch later in September.
- Top Energy continue relocating power poles that are in the road construction area. The power is planned to be switched over to the new lines mid-September.

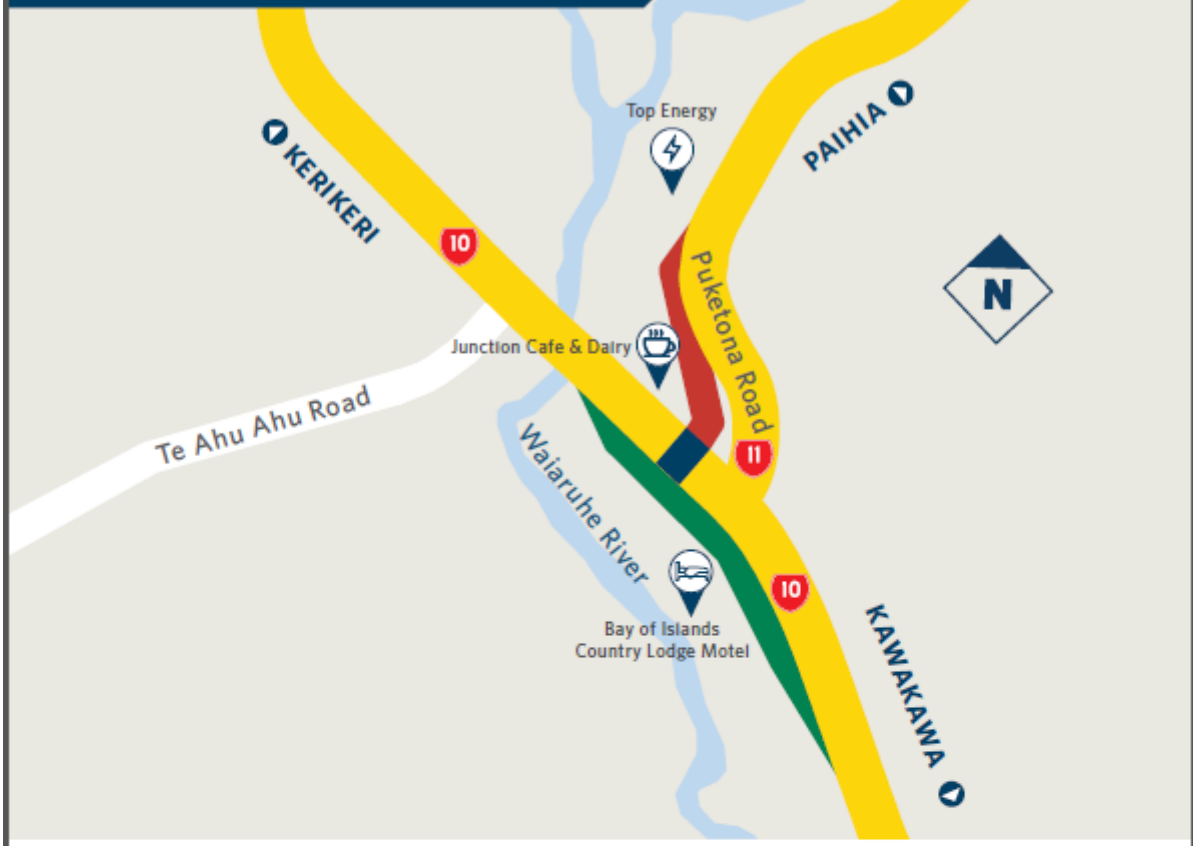
In the attached images:

200904_1: While we are building the temporary road in this area we are also widening the road as part of the permanent works. This creates efficiencies later in the construction program, meaning we won't need to revisit this operation later down the track.

200904_2: Here you can see the temporary road taking shape in front of the Junction Café. This is the red section shown in our attached graphic. The section of existing SH10 you can see between here and the temporary road outside BOI Country Lodge is the blue panel in the attached graphic.

Please forward this information to anyone who may be interested, or who would like to send me their contact details to stay up-to-date with construction progress.

SH10/SH11 PUKETONA JUNCTION INTERSECTION IMPROVEMENTS



Green
Stage 1 shift

Late September

Move SH10 traffic onto temporary road.

Blue
After Stage 1 shift

Build new intersection for temporary road on existing SH10.

While SH10 traffic is on the temporary road, we will build the temporary intersection away from moving traffic.

Red
Stage 2 shift

Late September/early October

Move SH11 traffic onto temporary road.

WAKA KOTAHI NZ TRANSPORT AGENCY / New Zealand Upgrade Programme / PROVINCIAL DEVELOPMENT UNIT

New Zealand Government

KAWAKAWA INTERSECTION IMPROVEMENTS – CONSTRUCTION UPDATE

The majority of the construction activity is currently on widening the road shoulder on the Johnson Park side of Queen St (SH1). This will allow us to build the temporary road and intersection, so that the main intersection and roundabout construction can happen behind barriers and away from traffic.

Below is an overview of what we will be working on over the next couple of weeks.

From Monday 7 September

- A large culvert under SH1 will be installed from Monday 7 September. This activity will be conducted under ***night works for four consecutive nights***. Manual traffic control and a 30km temporary speed limit will be in place between 6.30pm – 6.00am.
- We will continue completing the shoulder widening on Queen St and surfacing it with asphalt. Once this is done, a guardrail and temporary barriers will be installed so work can begin on the retaining wall. When these barriers are in place we can work away from the traffic and use manual traffic control (stop/go) only occasionally.
- We plan to asphalt the shoulder of the temporary road in the week beginning Monday 14 September. The new temporary intersection will need new road markings and this will happen at night, under manual traffic control and a 30km temporary speed limit. We will then shift traffic onto the new intersection/temporary road. This will take place early one morning and a date for this will be communicated to you closer to the time.
- Work will begin on the retaining wall (behind barriers) after the traffic shift onto the temporary road mentioned above.
- Earthworks will begin mid-September on the corner of SH1 / Kawakawa intersection. This will occur behind barriers and away from traffic. The existing corner will be excavated to allow better visibility for state highway traffic.

Please forward this information to anyone who may be interested, or who would like to send me their contact details to stay up-to-date with construction progress.

Attached photos are:

200903_1: Excavation of the temporary intersection corner/shoulder to build the temporary road.

200903_2: The shoulder being widened to construct the temporary intersection to allow the new intersection to be built. In a few weeks, this will be a traffic lane(s).

200903_3: Access to Johnson Park and public toilets is now from parking on Waiomio Road.

200903_4: One of the reasons we have closed off public access to the car park off SH1 is due to construction heavy vehicles such as this 6-wheeler needing to access the site. We must separate public vehicles from our construction movements for everyone's safety.