

TRANSPORTATION UPDATE – April 2023

In a partnership of the four Northland Council's 'roading and transport departments', combining and co-locating the individual council staff and resources, the NTA works as part of Council to collectively create better, safer, and more accessible journeys across the district (and region) through structured maintenance and improvements in accordance with national safety and engineering standards, policies and guidelines.

EXECUTIVE SUMMARY

Following completion of council hearings for the Kerikeri-Bay of Islands speed catchment on 21st March 2023, staff have prepared a Recommendations Report and Interim Speed Management Plan for council approval at the Council meeting on 1st June.

Scoping design for Kerikeri Active Modes Network Connections and Far North Bus Improvements "Transport Choices" projects is ongoing, with a briefing paper providing further explanation and background on Climate Emergency Response Fund (CERF) Transport Choices program and the project to be issued to Elected Members in June.

A total of 17 resource consent applications were received in the month of April (vs. 12 month rolling average of 42), with 11 applications were processed during the month with 18 applications remaining to be processed. One alfresco dining request was also received and processed.

Delivery of the 2022/23 Capital works programme continues to track slightly behind forecast primarily due to the wet summer construction season (and continuing wet weather) preventing completion of some originally planned works.

Through April we were fortunate to avoid any significant weather events or cyclones that could have caused further disruptions to the network, allowing contractors to focus on addressing the extensive list of repairs caused by Cyclone Gabrielle and other routine maintenance activities. Works have continued with these Cyclone Gabrielle and storm recovery activities, with an increased utilisation of local subcontractors to assist with the current recovery works.

Corridor Access Request (CAR) applications have started to slow down with weather and seasonal change seeing the end of the construction season. There were 82 new Corridor Access Requests received across the Far North District

The Hokianga Ferry service transported a daily average of 607 passengers and 307 vehicles per day during this month and 95.3% of sailings departed in accordance with the advertised timetable, with three after hours callouts. Final planning and preparations continued through April in preparation for the ferry to be hauled out on 5th May 23 for required Out of Water (OoW) maintenance to be carried out, with a passenger only vessel available through this maintenance period.

At the end of April 2023, we had 297 open roading requests which is an increase of 36.7% from the prior month, with the current amount of open request approximately double normal volume. Staff and contractors have been very focused on closing the high volume of customer requests from the cyclone and subsequent rain events.

NORTHLAND TRANSPORTATION ALLIANCE



SPEED LIMIT REVIEW PROGRAM

The speed limit reviews are part of a nationwide programme under the Government’s Road to Zero Road Safety Strategy. The new Setting of Speed Limits Rule came into effect on 19th May 2022. The new Rule creates a focus on speed management and promotes a region wide approach to setting safe and appropriate speeds on both the local and State Highway network.

Consultation on the Kerikeri-Bay of Islands speed catchment has been completed and council hearings were held on 21st March 2023. Staff have prepared a Recommendations Report and Interim Speed Management Plan for council approval, scheduled for 1 June. Design and implementation of the new speed limits areas, including all schools within the catchment will occur in 2023-2024.

Work continues on our Regional Speed Management Plan, and we are on track for consultation in the last quarter of 2023.

TRANSPORT CHOICES FUNDING PACKAGE (CERF)

Far North District Council has received positive news on our application for funding under the Transport Choices, Climate Emergency Response Funding (CERF). We have received confirmation for funding of \$3.23 million for the following two programs

- Program 1 – FNDC01 Kerikeri Active Modes Network Connections
- Program 2 – FNDC02 Far North Bus Improvements

Scoping design for both programs are well underway, with engagement with community and key stakeholders scheduled for late May into June for the Active Modes Project. Design workshops with Kerikeri Primary School are scheduled for May 18 & 19 and the next step is consultation with wider community.

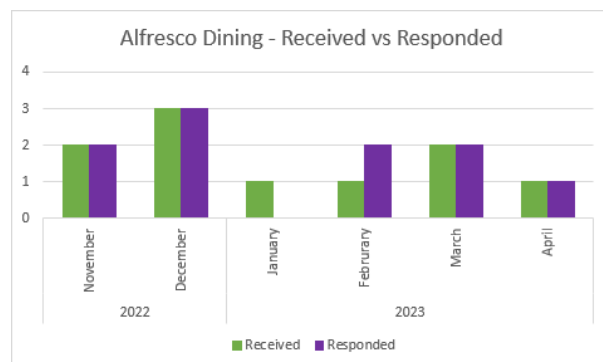
A briefing paper for council more fully describing the program will be issued to Elected Members in June.

DEVELOPMENT APPLICATIONS (Transportation)

The following table and graph below provide information on the volume of development applications received for transportation assessment over the past 12 months.

A total of 17 applications were received in the months of April (vs. 12 month rolling average of 42). A total of 11 applications were processed during the month with 18 applications remaining to be processed.

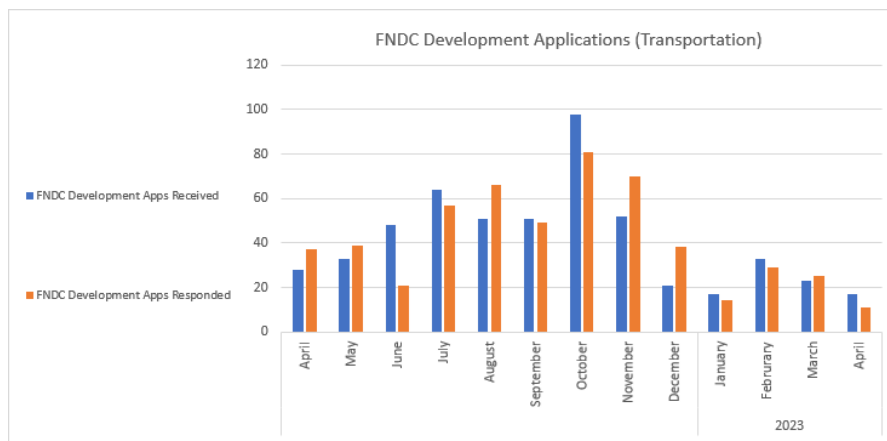
In November of 2022 we began tracking alfresco permit applications, so these applications have also been recorded and included within the table and graphics below.



NORTHLAND TRANSPORTATION ALLIANCE

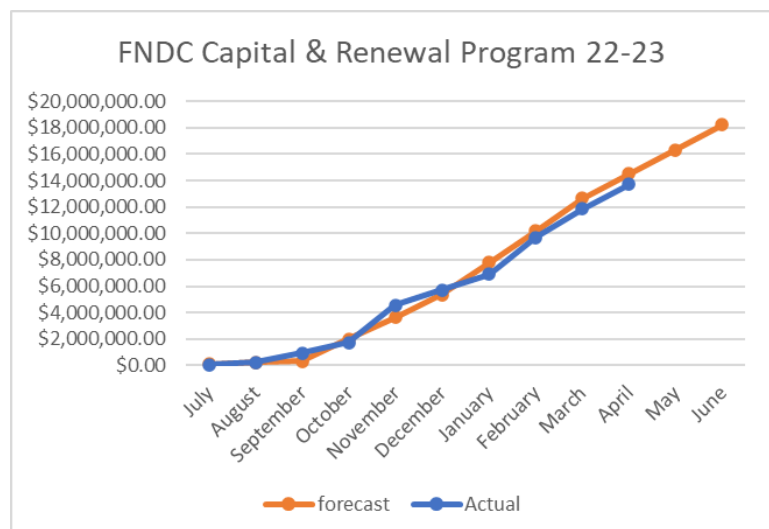


		FNDC			
		Development Apps		Alfresco	
		Received	Responded	Received	Responded
2022	April	28	37		
	May	33	39		
	June	48	21		
	July	64	57		
	August	51	66		
	September	51	49		
	October	98	81		
	November	52	70	2	2
	December	21	38	3	3
2023	January	17	14	1	0
	February	33	29	1	2
	March	23	25	2	2
	April	17	11	1	1



FNDC TRANSPORT CAPITAL PROGRAMME DELIVERY

As demonstrated in the expenditure table to the right, the actual delivery of the 2022/23 Capital works programme continues to track slightly behind forecast primarily due the wet 2022/23 summer construction season preventing completion of some originally planned works.



GIS MAP – Forward works programme

The Status of each individual project can be viewed via the GIS map link -

<https://www.fndc.govt.nz/Our-services/Transport/Roads/Roading-improvements>

NORTHLAND TRANSPORTATION ALLIANCE



Risk Table

FNDC	No. of Projects	Description	Budget	% of Total Budget
✔	44	Will be fully delivered this year	\$12,896,590.00	48%
⚠	25	Risk of partial delivery	\$7,124,559.00	27%
✘	32	Risk of non delivery	\$6,806,609.00	25%
		Total	\$26,827,758.00	100%

Some of the key risks to delivery include:

- Inflation increases unaccounted for when setting the Long-Term Plan budgets are also likely to impact the ability to fully deliver lower priority projects within the Low-Cost Low Risk program.
- Potential budget reallocations to accommodate emergency and remedial works associated with recent severe and prolonged weather events may impact the ability to delivery some projects within the capital works program.
- Limited consultant resources due to ‘all hands-on deck’ managing emergency and remedial works associated with recent severe and prolonged weather events is delaying the design stage of some capital improvement projects. Thus, resulting in delays to the associated physical works stage delivery.
- Continuing unfavourable weather conditions.

Sealed Road resurfacing status

Council	Region	Initial programme	Actual delivery	Differed	Notes
FNDC	South	43km	34.9km	8.1km	Weather events during the season had consequential delays to the full programme
FNDC	North	32.2km	28km	4.2km	Weather events during the season had consequential delays to the full programme

Sealed Road Rehabilitations status

Council	Location	Status
FNDC	KERIKERI ROAD (RP 650 to RP 1110)	Construction completed
FNDC	GILLS ROAD (RP 2180 to RP 3000)	Construction completed
FNDC	NGAPIPITO ROAD (RP 1850 to RP 3000)	Construction underway
FNDC	REDCLIFFS ROAD (RP 650 to RP 950)	Construction completed
FNDC	WAIMATE NORTH ROAD (RP 425 to RP 725)	Construction completed
FNDC	Kohukohu Road	Construction completed
FNDC	Ngawha Springs Road	Construction completed

NORTHLAND TRANSPORTATION ALLIANCE



Photo Wall



Pawarenga Road Unsubsidised Seal Extension - Stabilising



Pawarenga Road Unsubsidised Seal Extension - Pavement testing



FNDC Contract 5/19/101 - Te Hiku
Te Ahu Loop Running Track & Boardwalk -
NuBrick extension to the Te Ahu Entrance



FNDC Contract 7/22/159 - EW Slip - Fairburn Rd
Pole installation progressing through hard rock



Ngapipito Road Rehabilitation - Enabling works

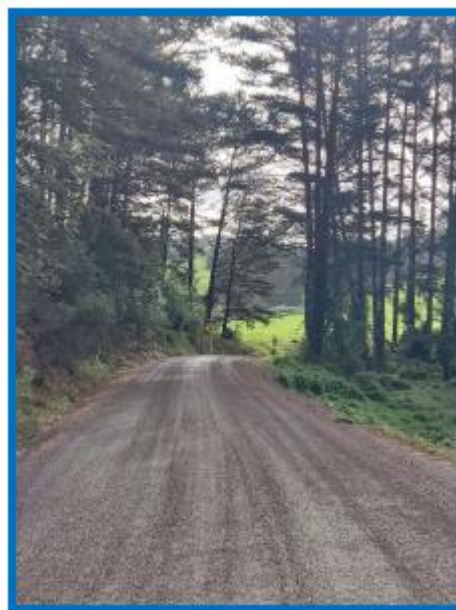
NORTHLAND TRANSPORT ALLIANCE



FNDC TRANSPORT MAINTENANCE & OPERATIONS PROGRAMME

Key points of note for the month include:

- April has been busy ramping into storm damage repairs with substantial progress made on Diggers Valley Road, Runaruna Road, Matawherohia Road, Taupo Bay Road and Paponga Road for the North Area and Wekaweka Road, Marlow Road, Hautapu Road and Mangakaretu Road for the South.
- Maintenance works continued including grading, metaling, culvert end clearing, edge marker post replacements, line marking and pre reseal pavement repairs.
- Unsealed and sealed road potholing numbers have increased for the month, as wetter conditions set in.
- Unsealed maintenance gravel usage for this month was less compared to the previous month as minimal work required, concurrently major focus was on drainage clearing.
- Line remarking and spray rounds completed for the South Area whilst the North is yet to be completed.
- Cesspit grate clearing has been completed for the month as increasing rainfall events.
- Routine surface detritus removal has remained high through the Southern area
- Culvert laying throughout the South Area network on Waiare Road, Oromahoe areas with 19 replacement lines installed and clearing works along Ngapipito Rd on Phase 2 slip progresses.
- Unsealed pavement rehabilitations with 3 high priority sites ticked off with historical issues on Opahi Station Road, Wallis Road (below Left), and Wakelin Road (below Right)



NORTHLAND TRANSPORTATION ALLIANCE



- The rain event on the 30th of April caused minor damage to the South Area network as clearing works progressed through to May.

L-R: Cumber Road Bridge washout, Punakitere Loop Road, Matawaia-Maromaku Road



- Cyclone Gabrielle Phase 2 Recovery Work in progress for Wekaweka Road Gabion Wall and completed works for Pokapu Road Gabion Wall, Runaruna Road Rock Wall Repair and Diggers Valley Road Retreat.



Maintenance activities programmed for May 2023 relate to routine unsealed activities, drainage works, and continuation of Cyclone Gabrielle Phase 2 reinstatement works.

NORTHLAND TRANSPORTATION ALLIANCE



Northern Area		Far North District Council		
Road Length		434.90 sealed		
		824.87 unsealed		
Activity Description	Prev mth	This mth	Mthly Average	
			Prev 48 Months	FYTD
Unsealed Maintenance Gravel (cum)	450.00	84.00	2230.06	20392.00
Unsealed Compacted Gravel (cum)	0.00	0.00	802.17	18939.00
Unsealed Road Grading (km)	137.39	120.78	239.28	2131.81
Wet Roll and Grade (km)	0.00	0.00	0.69	2.95
Unsealed Road Potholes (ea)	1459.00	1494.00	1127.65	20191.00
Sealed Road Potholes (ea)	97.00	232.00	124.52	2254.00
Sealed Road edgebreak (m)	9.00	21.00	168.04	81.00
Sealed Road Pavement Repairs (sqm)	0.00	0.00	1258.40	10194.00
Sealed Road Surface Repairs (sqm)	0.00	0.00	6.15	0.00
Water Cutting (sqm)	0.00	0.00	0.00	0.00
Roadside mowing (km)	68.75	0.00	121.52	880.93
Roadside Spraying (km)	0.00	0.00	166.16	826.34
Vegetation Envelope Cleared (km)	3.21	1.96	49.80	102.51
Roadside Drainage Cleared (m)	0.00	0.00	2840.06	7572.00
Roadside Culverts Cleared (ea)	32.00	17.00	47.40	223.00
Culvert Markers Replaced (ea)	72.00	90.00	21.52	274.00
Cesspit Grates Cleared (ea)	443.00	234.00	44.04	2152.00
Kerb & Channel Cleaned (km)	0.00	0.00	1.02	1.23
Routine Surface Detritus Removed (#)	7.00	1.00	0.98	22.00
Overslip Material Removed (cum)	1.00	0.00	0.39	181.00
Routine Signs Maintenance (ea)	139.00	37.00	467.40	723.00

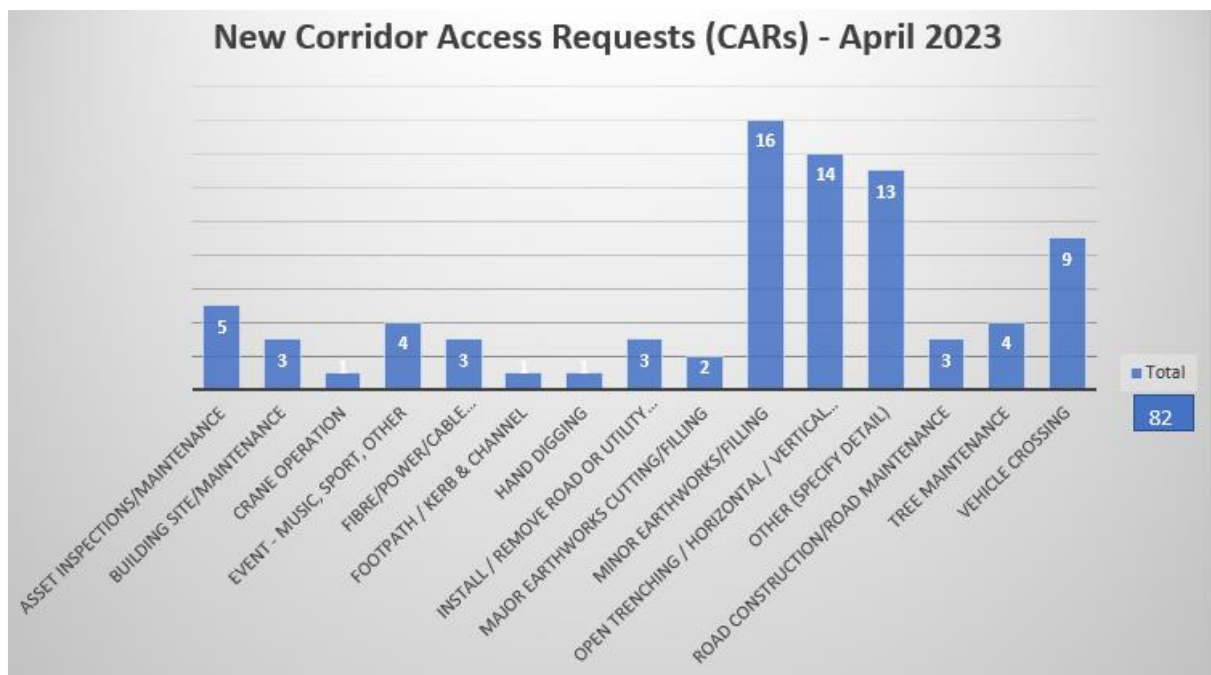
Southern Area		Far North District Council		
Road Length		472.85 sealed		
		774.85 unsealed		
Activity Description	Prev mth	This mth	Mthly Average Prev	
			48 Months	FYTD
Unsealed Maintenance Gravel (cum)	71.00	64.00	1820.38	10209.00
Unsealed Compacted Gravel (cum)	69.00	939.00	1674.15	8264.00
Unsealed Road Grading (km)	73.84	49.78	204.32	1827.48
Wet Roll and Grade (km)	0.00	0.00	2.98	42.00
Unsealed Road Potholes (ea)	854.00	777.00	1499.56	13424.00
Sealed Road Potholes (ea)	117.00	158.00	181.21	2291.00
Sealed Road edgebreak (m)	70.00	9.00	137.02	291.00
Sealed Road Pavement Repairs (sqm)	1110.00	0.00	579.85	6712.00
Sealed Road Surface Repairs (sqm)	0.00	0.00	94.00	1214.00
Water Cutting (sqm)	0.00	0.00	69.40	0.00
Roadside mowing (km)	42.10	10.14	63.50	125.34
Roadside Spraying (km)	0.00	68.19	308.72	1167.28
Vegetation Envelope Cleared (km)	4.06	0.59	10.53	23.26
Roadside Drainage Cleared (m)	0.00	53.00	1450.35	7052.00
Roadside Culverts Cleared (ea)	2.00	0.00	113.04	9.00
Culvert Markers Replaced (ea)	26.00	12.00	25.56	139.00
Cesspit Grates Cleared (ea)	116.00	361.00	172.71	2592.00
Kerb & Channel Cleaned (km)	0.00	0.00	15.44	0.00
Routine Surface Detritus Removed (#)	144.00	229.00	87.19	2170.00
Overslip Material Removed (cum)	0.49	0.00	0.57	1.49
Routine Signs Maintenance (ea)	179.00	217.00	141.40	1353.00

Corridor Access Requests (CARs) and Temporary Traffic Management

CAR Applications

Applications have started to slow down with weather and seasonal change seeing the end of the construction season. There were 82 new Corridor Access Requests received across the Far North District. These numbers do not include works undertaken as part of pre-approved 12-month Global CARs for reactive emergency response activities and general maintenance contract works.

Events in the Far North are a growth area with Cruzin' the Bayz bringing 166 Classic and Hot Rod cars and bikes to Kerikeri. This event rivals the Beach Hop with bigger and better plans for next year. It was a good opportunity to trial a full closure of Kerikeri Road with the closure time set for 11am. The event debrief with the organisers and TTM provider identified improvements for next year. Other events requiring traffic management included the opening ceremony of Te Kura Kaupapa Māori o Tututarakihi and Paihia 200 Festival re-enactment of missionaries arriving on the beach at Paihia/Waitangi. A road closure process is being developed to improve event TTM planning with the CAR Specialist collaborating with the FNDC Community team and engaging Community Boards.



There were 54 applications approved this month across the Far North District. A breakdown of the activities in the graph shows 35% of new applications, to work in the road reserve, relate to minor earthworks, trenching and drilling activities. Applications for vehicle crossings were the next highest activity type.

There is still a significant amount of education needed to bring contractors into the corridor access process with some good progress happening in this space. The NZ Guide to Temporary Traffic Management (NZGTTM) was released in April to support industry to meet their safety obligations under the Health & Safety at Work Act 2015. In time the Guide will replace the Code of Practice for Temporary Traffic Management (CoPTTM) which is a substantial change to a best practice system used nationally for the past 23 years.

Works Completion, Reinstatement Inspections and Traffic Management Audits

There were 180 Corridor Access Requests (CARs) completion updates in the CAR system as shown in the table. 15 reinstatement inspections were signed off into a two-year warranty period and one defect was identified for remedial work. 81 non-excavation CARs were closed, and 74 CARs were cancelled for works on State Highway, service locations or tender purposes only.






There were six temporary traffic management audits completed across the Far North District in Kaikohe, Kaitaia and Kerikeri. Cruzin' the Bays will be reviewed by the TTM Review Panel in June following the debrief meeting identified traffic management planning and implementation issues.

CAR Status	Count of CAR #
Cancelled	74
Closed	81
Defect Outstanding	1
Work Completion Notified	10
Work in Warranty	14
Grand Total	180

Temporary Traffic Management (TTM) Review Panel

The TTM Review panel looks at traffic management audit sites that scored poorly during the previous month. This month a lead traffic management provider was reviewed by the panel following consistently unsafe TTM practices and site non-conformances recorded on the Northland network. An Organisational Advisory Note was issued to the company. The objective being to trigger a formal and disciplined investigation into improving company work practices. As a result of the panel review, an additional outcome of the review determined that a Notice of Non-Conformance (NNC) to the same organisation's Temporary Traffic Management Planner would be issued.

The current status of corridor access applications across the network is shown below.

 Awaiting Approval (14)
 Work in Progress (295)
 Awaiting Completion Signoff (107)
 Works in Warranty (990)
 Retrospective CARs (1)

AA	CAR applications to be reviewed for approval
WIP	Current works happening across the network
ACS	Completed excavation works awaiting inspection to be set into 2-year warranty period
WIW	Excavations under 2-year warranty period
RC	CARs submitted after the work has been started i.e. emergency works

HOKIANGA FERRY (KOHU RA TUARUA)

Revenue

April 2023 revenue is lower when compared to last year for the same period, noting that poor weather and forecast led to a noticeably quieter easter and school holiday period than previous year.

Tabulated below is the revenue comparison for the same period last year:

April 2023	April 2022	Difference
\$47,889.13	\$52,713.48	\$4,824.35

The Government's 50% Public Transport discount scheme that was initially implemented on the 1st April 2022 will continue until the 30th June 2023 for passengers only (excludes vehicles). Effective 1 July 2023, Community Services Card holders travelling on Public Transport will be permanently eligible for this 50% discount. This is called the Community Connect scheme.

This scheme will also be applicable to the Hokianga Ferry Service in the same way it applies to Public Transport Authorities using the Public Transport Operating Model (PTOM).

Patronage & Service Information

The ferry continued to transport an average of 607 passengers and 307 vehicles per day during this month. The schedule departures were 95.3% on time for the month of April with three after hours callouts. Unique visit to the Hokianga pages within Northland Ferries website were down by 10% this month. Site visitors from Auckland accounted for 70% of site traffic whilst the rest were from Christchurch and Whangarei.

Northland Ferries & Hokianga Tourism are in ongoing discussions around onboard display opportunities to market and promote the Hokianga region.

Planned, Routine & Preventive Maintenance

Hour based servicing for the vessel continued this month. Engine 1 & 3 gearboxes were replaced with new ones, finally all four gearboxes on the vessel are now new. The Ferry ramps were also water blasted. Northland Ferries are working on the final preparations for the major out of water (OoW) maintenance of the vessel.

The ferry is planned to be hauled out on 5th May 23 and a passenger only vessel will be available for a period of one month whilst the OoW maintenance is being carried out.

Health & Safety, Risks

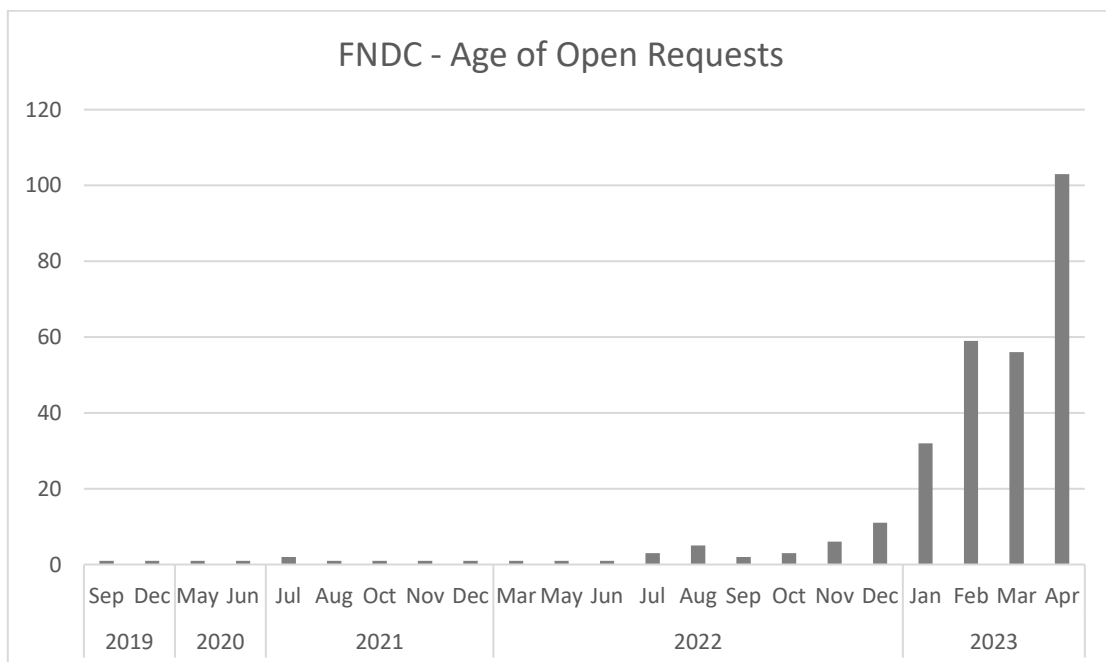
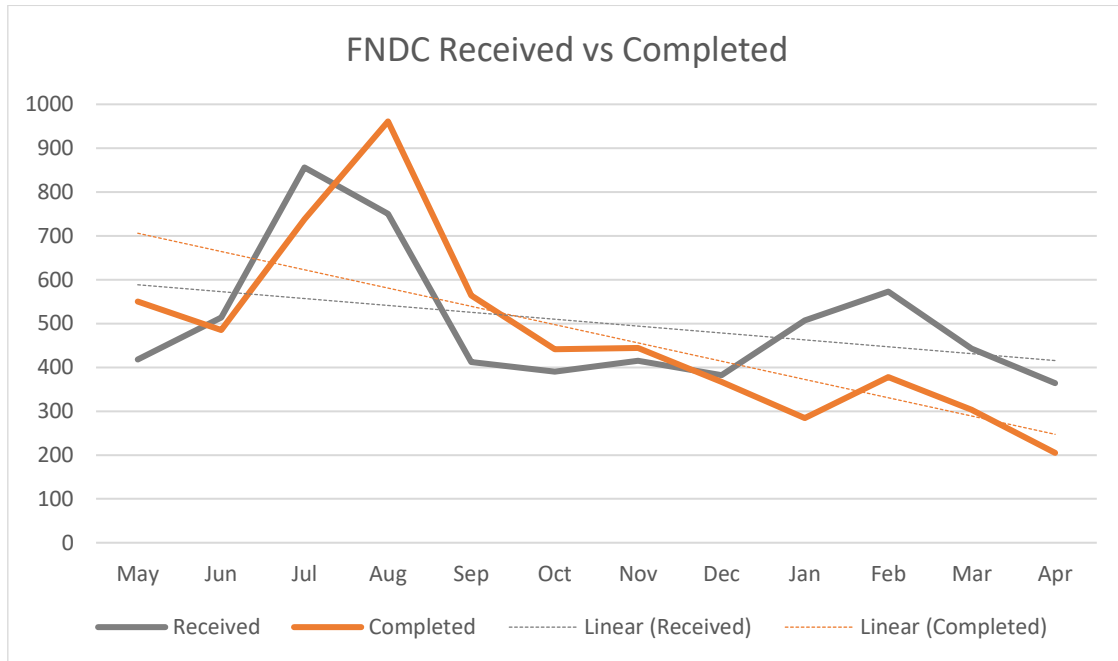
There were no H&S incidents or weather-related interruptions reported for this month. The monthly vessel audit was carried out this month as expected.

Weekly emergency response training has been undertaken in line with the vessels standard operating procedures and a new crew was inducted.

CUSTOMER REQUESTS

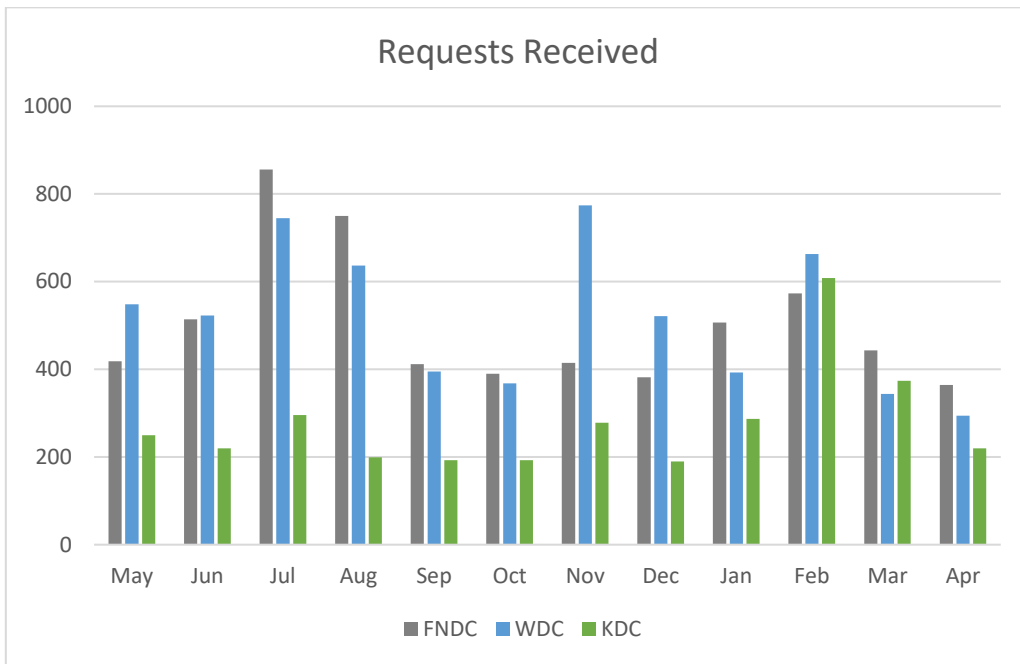
At the end of April 2023, we had 297 open roading requests which is an increase of 36.7% from the prior month, with the current amount of open request approximately double normal volume. We are receiving new requests and enquiries relating to the cyclone as customers chase progress on outstanding cyclone make good items or are reporting further damage because of new weather events.

The below charts highlight we are receiving more requests than we can close since the beginning of the year (this is expected to increase in May with the new rainfall events).



Northland Region Customer Requests

The following graph demonstrates the peaks of customer requests across the region associated with the significant weather events since July 2022.



The distribution of currently open Customer Requests has adjusted since the last report, with the Far North received proportionately more new request in the month than the other districts. The FNDC proportion is anticipated to increase further following the significant rain event in early May.

