



**Far North
District Council**



Te Kaunihera o Te Hku o te Ika

AGENDA

Waiharara and Kaikino Drainage Area Committee Meeting

Monday, 15 September 2025

Time: 1:00 PM

**Location: Conference Room - Te Ahu
Cnr State Highway 1 and Mathews
Avenue
Kaitaia**

Membership:

Chairperson Fiona King
Member Fred Petricevich
Member Joe Milich
Member Dean Radojkovich
Member Aaron Bainbridge
Member Adrienne Bartlett
Member Darren Axe

Far North District Council
Waiharara and Kaikino Drainage Area Committee Meeting
will be held in the Conference Room - Te Ahu, Cnr State Highway 1 and
Mathews Avenue, Kaitaia on:
Monday 15 September 2025 at 1:00 PM

Te Paeroa Mahi / Order of Business

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1 KARAKIA TIMATANGA / OPENING PRAYER

2 NGĀ WHAKAPĀHA ME NGĀ PĀNGA MEMA / APOLOGIES AND DECLARATIONS OF INTEREST

Members need to stand aside from decision-making when a conflict arises between their role as a Member of the Committee and any private or other external interest they might have. This note is provided as a reminder to Members to review the matters on the agenda and assess and identify where they may have a pecuniary or other conflict of interest, or where there may be a perception of a conflict of interest.

If a Member feels they do have a conflict of interest, they should publicly declare that at the start of the meeting or of the relevant item of business and refrain from participating in the discussion or voting on that item. If a Member thinks they may have a conflict of interest, they can seek advice from the Chief Executive Officer or the Manager - Democracy Services (preferably before the meeting).

It is noted that while members can seek advice the final decision as to whether a conflict exists rests with the member.

3 NGĀ KAIKŌRERO / SPEAKERS

4 TE WHAKAAETANGA O NGĀ MENETI O MUA / CONFIRMATION OF PREVIOUS MINUTES

4.1 CONFIRMATION OF PREVIOUS MINUTES

File Number: A5357354

Author: Marysa Maheno, Democracy Advisor

Authoriser: Aisha Huriwai, Manager - Democracy Services

TAKE PŪRONGO / PURPOSE OF THE REPORT

The minutes of the previous Waiharara and Kaikino Drainage Area Committee meeting are attached to allow the Committee to confirm that the minutes are a true and correct record.

TŪTOHUNGA / RECOMMENDATION

That the Waiharara and Kaikino Drainage Area Committee confirm that the minutes of the meeting of the Waiharara and Kaikino Drainage Area Committee held 5 December 2024 are a true and correct record.

1) TĀHUHU KŌRERO / BACKGROUND

Local Government Act 2002 Schedule 7 Section 28 states that a local authority must keep minutes of its proceedings. The minutes of these proceedings duly entered and authenticated as prescribed by a local authority are prima facie evidence of those meetings.

2) MATAPAKI ME NGĀ KŌWHIRINGA / DISCUSSION AND OPTIONS

The minutes of the meeting are attached.

Far North District Council Standing Orders Section 27.3 states that no discussion shall arise on the substance of the minutes in any succeeding meeting, except as to their correctness.

Take Tūtohunga / Reason for the recommendation

The reason for the recommendation is to confirm the minutes are a true and correct record of the previous meeting.

3) PĀNGA PŪTEA ME NGĀ WĀHANGA TAHUA / FINANCIAL IMPLICATIONS AND BUDGETARY PROVISION

There are no financial implications or the need for budgetary provision as a result of this report.

ĀPITIHINGA / ATTACHMENTS

- 1. 2024-12-05 Waiharara and Kaikino Drainage Area Committee Minutes - A5006035**  

Hōtaka Take Ōkawa / Compliance Schedule:

Full consideration has been given to the provisions of the Local Government Act 2002 S77 in relation to decision making, in particular:

1. A Local authority must, in the course of the decision-making process,
 - a) Seek to identify all reasonably practicable options for the achievement of the objective of a decision; and
 - b) Assess the options in terms of their advantages and disadvantages; and
 - c) If any of the options identified under paragraph (a) involves a significant decision in relation to land or a body of water, take into account the relationship of Māori and their culture and traditions with their ancestral land, water sites, waahi tapu, valued flora and fauna and other taonga.
2. This section is subject to Section 79 - Compliance with procedures in relation to decisions.

He Take Ōkawa / Compliance Requirement	Aromatawai Kaimahi / Staff Assessment
State the level of significance (high or low) of the issue or proposal as determined by the Council's Significance and Engagement Policy	This is a matter of low significance.
State the relevant Council policies (external or internal), legislation, and/or community outcomes (as stated in the LTP) that relate to this decision.	This report complies with the Local Government Act 2002 Schedule 7 Section 28.
State whether this issue or proposal has a District wide relevance and, if not, the ways in which the appropriate Community Board's views have been sought.	The Waiharara and Kaikino Drainage Area is of local relevance and a member of the Te Hiku Community Board sits on the committee to be able to provide the views of the Community Board to the Committee.
State the possible implications for Māori and how Māori have been provided with an opportunity to contribute to decision making if this decision is significant and relates to land and/or any body of water. State the possible implications and how this report aligns with Te Tiriti o Waitangi / The Treaty of Waitangi.	There are no implications on Māori in confirming minutes from a previous meeting. Any implications on Māori arising from matters included in meeting minutes should be considered as part of the relevant report.
Identify persons likely to be affected by or have an interest in the matter, and how you have given consideration to their views or preferences (for example – youth, the aged and those with disabilities).	This report is asking for the minutes to be confirmed as true and correct record, any interests that affect other people should be considered as part of the individual reports.
State the financial implications and where budgetary provisions have been made to support this decision.	There are no financial implications or the need for budgetary provision arising from this report.
Chief Financial Officer review.	The Chief Financial Officer has not reviewed this report.

**MINUTES OF FAR NORTH DISTRICT COUNCIL
WAIHARARA AND KAIKINO DRAINAGE AREA COMMITTEE MEETING
HELD AT THE BANQUET ROOM - TE AHU, CNR STATE HIGHWAY 1 AND MATHEWS
AVENUE, KAITĀIA
ON THURSDAY, 5 DECEMBER 2024 AT 1:06PM**

PRESENT: Chairperson Fiona King, Member Fred Petricevich, Member Dean Radojkovich, Member Aaron Bainbridge, Member Adrienne Bartlett, Member Darren Axe

IN ATTENDANCE: Te Hiku Community Board Chair Adele Gardner, Te Hiku Community Board Member Sheryl Bainbridge.

STAFF PRESENT: Tanya Proctor (Head of Infrastructure), Marysa Maheno (Democracy Advisor)

1 KARAKIA TIMATANGA / OPENING PRAYER

Chair Fiona King declared the meeting open at 1:06pm

2 NGĀ WHAKAPĀHA ME NGĀ PĀNGA MEMA / APOLOGIES AND DECLARATIONS OF INTEREST

APOLOGY

RESOLUTION 2024/6

Moved: Member Darren Axe

Seconded: Member Dean Radojkovich

That the apology received from Member Joe Millich be accepted and leave of absence granted.

CARRIED

3 TE WHAKAAETANGA O NGĀ MENETI O MUA / CONFIRMATION OF PREVIOUS MINUTES

3.1 CONFIRMATION OF PREVIOUS MINUTES

Agenda item 4.1 document number A4952475, pages 6 - 12 refers

RESOLUTION 2024/7

Moved: Chairperson Fiona King

Seconded: Member Aaron Bainbridge

That the Waiharara and Kaikino Drainage Area Committee confirm the minutes of the meeting of the Waiharara, and Kaikino Drainage Area Committee held 13 March 2024 are a true and correct record.

CARRIED

4 NGĀ PŪRONGO / REPORTS**4.1 WAIHARARA AND KAIKINO DRAINAGE COMMITTEE OPEN RESOLUTIONS UPDATE NOVEMBER 2024**

Agenda item 5.1 document number A4952495, pages 13 - 14 refers

RESOLUTION 2024/8

Moved: Chairperson Fiona King
Seconded: Member Darren Axe

That Waiharara and Kaikino Drainage Committee receive the report November 2024 Open Resolution Report.

CARRIED**4.2 WAIHARARA AND KAIKINO DRAINAGE AREAS 2023/2024 PROGRAMME**

Agenda item 5.2 document number A4876073, pages 15 - 24 refers

RESOLUTION 2024/9

Moved: Member Dean Radojkovich
Seconded: Member Fred Petricevich

That the Waiharara and Kaikino Drainage Area Committee receive the report from Waiharara and Kaikino Drainage Areas from the 2023/2024 work programme.

CARRIED**4.3 WAIHARARA AND KAIKINO DRAINAGE AREAS 2024/25 UPDATE**

Agenda item 5.3 document number A4876077, pages 25 - 25 refers

RESOLUTION 2024/10

Moved: Member Adrienne Bartlett
Seconded: Member Dean Radojkovich

That the Waiharara and Kaikino Drainage Area recommend that Te Hiku Community Board:

- a) approve the programme of works for the 2024/25 financial year;**
- b) request correct start and finish points on the measurements of the drains need to be established;**
- c) request a workshop on Management Plan and Bylaws 2019 before the next Committee in March 2025;**
- d) request that a process be developed for the addition and alterations to drains as per the bylaw;**
- e) approve that the machine cleaning be let to Mike Steel to begin in December 2024;**
- f) note that the 25/26 rate take remain the same;**
- g) request a rate review on the differentials be made for Waiharara and Kaikino Drainage District; and**
- h) request that Far North District Council continue consulting with Northland Regional Council regarding the Resource Consent becoming a permitted activity.**

CARRIED

5 TE KAPINGA HUI / MEETING CLOSE

The meeting closed at 2:24pm.

The minutes of this meeting were confirmed at the Waiharara and Kaikino Drainage Area Committee Meeting held on

.....
CHAIRPERSON

5 NGĀ PŪRONGO / REPORTS

5.1 WAIHARARA AND KAIKINO DRAINAGE AREA COMMITTEE - LAND DRAINAGE WORKS UPDATE

File Number: A5359317

Author: Tui Mocaraka, Customer Service Manager - Far North Waters

Authoriser: Scott Smith, Acting Head of Infrastructure

TAKE PŪRONGO / PURPOSE OF THE REPORT

To provide the Land Drainage Area Committee with a progress report on works undertaken during 2024-2025 financial year and to provide outline of proposed works and costs for the 2025/2026 financial year, including management plan reviews, operational programmes, and improvements to drainage area management.

WHAKARĀPOPOTO MATUA / EXECUTIVE SUMMARY

- The Far North District Council continues to progress drainage area management through several key proposals:
- **Management Plan Review:** Draft management plans have been prepared and will be subject to committee consultation through hui to be scheduled for November 2025.
- **Spray Programme 2025/2026:** Updated spray schedules are being finalised with improved contract specifications and timeframes.
- **Machine Cleaning Recommendations:** Machine cleaning programmes are being developed based on a priority matrix taking into consideration drain condition assessments and committee input.
- **Drone Survey:** A drone survey pilot programme alongside the above recommendations is proposed to commence with the Motutangi Drainage Area to determine asset condition monitoring and maintenance planning. As well as confirming accurate GPS coordinate mapping.
- **Bylaw Review:** The Land Drainage Bylaw currently under review, potentially addressing current ambiguities and improving enforcement mechanisms.
- **Operational Improvements:** Enhanced mapping systems, clearer access protocols, and improved financial reporting processes are being developed for implementation.

TŪTOHUNGA / RECOMMENDATION

That the Waiharara and Kaikino Drainage Area Committee receive the report Waiharara and Kaikino Drainage Area Committee - Land Drainage Works Update.

TĀHUHU KŌRERO / BACKGROUND

1. Management Plan Draft Review

1.1 Current Status

A collective draft management plan has been completed using Kaikino as the example, incorporating:

- Updated operational standards and guidelines
- Revised maintenance schedules reflecting current practices
- Enhanced compliance requirements with Resource Management Act provisions through operational standards and guidelines.
- Clarifying asset definitions and responsibilities

1.2 Consultation Process

Committee Meeting Schedule: By November 2025

- Individual meetings with the committee chairs to review draft plans
- Opportunity for detailed feedback and amendments
- Integration of committee recommendations into final plans

1.3 Key Updates in Draft Plans

- Recommend aligning the management plan review cycle with the bylaw review schedule
- Improved coordination with Regional Council requirements
- Better environmental compliance measures
- Streamlined operational procedures

2. Spray Programme Update 2025/2026

2.1 Programme Overview

The spray programme for 2025/2026 will address identified gaps in coverage and timing

2.2 Key Improvements

- **Contract Specifications:** Clarified timing and reporting requirements
- **Programme Timeline:** Spring (September-October) and Autumn (March-April)
- **Access Protocols:** Coordination with landowners for access permissions
- **Quality Assurance:** Regular monitoring and condition reporting

2.3 Programme Status

- Contract specifications being finalised
- Landowner notifications to commence September 2025
- Budget allocations confirmed for all drainage areas

3. Machine Cleaning Recommendations 2025/2026

3.1 Priority Assessment

Following the August 2025 operational review, machine cleaning priorities will be established based on:

- Committee member input and site inspections
- Drain condition assessments
- Access considerations

3.2 Recommended Programme

High Priority:

- Areas with restricted flow capacity and significant vegetation mat development

Medium Priority:

- Drains not machine cleaned within a 10-year timeframe
- Drainage channel reshaping needs

Other Considerations

- Access track maintenance requirements
- Annual maintenance locations with moderate vegetation growth

3.3 Implementation Timeline

- Summer 2025/2026: Primary machine cleaning operations
- Early Autumn 2026: Follow-up maintenance and touch-up works
- Ongoing: Emergency response capability will be maintained

4. Drone Survey Pilot Programme

4.1 Strategic Initiative

A drone survey programme as previously approved is being developed using the Motutangi Land Drainage Area as a pilot to modernise drainage asset management and improve maintenance planning accuracy.

4.2 Pilot Programme Details

Initial Focus: Motutangi Drainage Area

- **Coverage:** 10 drains, approximately 18,560m total length
- **Technology:** High definition 2D orthomosaic mapping with multispectral imaging capability

4.3 Proposed Deliverables

- **2D Orthomosaic Maps:** High-resolution imagery for GIS integration
- **Condition Assessment:** Detailed drain condition reporting
- **Vegetation Analysis:** Invasive species identification and vegetation health mapping
- **Access Planning:** 10m corridor mapping for maintenance access
- **3D Modelling:** Optional detailed topographical analysis

4.4 Investment and Benefits

Estimated Costs:

- Pilot programme: Estimate \$1,800 - \$3,000 per Day

Expected Benefits:

- Enhanced maintenance planning accuracy
- Reduced site inspection time and costs
- Improved dispute resolution through accurate documentation
- Future potential for drone-based spraying operations
- Integration with existing GIS mapping systems

4.5 Implementation Timeline

- **September 2025:** Contractor engagement
- **October 2025:** Survey execution, data collection, results analysis and reporting
- **November 2025:** Evaluation for expansion to other drainage areas

5. Operational Improvements

5.1 Mapping and Asset Management

Current Initiatives:

- Simplification and integration of mapping systems with Council GIS platforms, coordination with infrastructure data, and development of user-friendly committee mapping resources.

5.2 Access and Compliance

Enhanced Protocols:

- Clear landowner communication procedures, improved coordination for access permissions, and documentation of obstruction issues and resolutions.

5.3 Financial Management

Improvements Implemented:

- Clearer budget reporting, eliminating carryover confusion and transparent reserve balance reporting.

MATAPAKI ME NGĀ KŌWHIRINGA / DISCUSSION AND NEXT STEPS

6. Committee Coordination And Next Steps

6.1 Actions Required

Committee Members:

- Submit drain cleaning priority lists by 10th September 2025
- Participate in site inspections for machine cleaning prioritisation
- Prepare for November meeting attendance

Council Staff:

- Finalise spray programme with improved specifications
- Coordinate drone survey pilot implementation

PĀNGA PŪTEA ME NGĀ WĀHANGA TAHUA / FINANCIAL IMPLICATIONS AND BUDGETARY PROVISION

7. Financial Implications

7.1 Budget Allocations 2025/2026

- Spray programmes: Budgets are confirmed
- Machine cleaning: Funds available across all areas
- Drone survey pilot: allocation recommended
- Management plan review: Within existing operational budgets

ĀPITI HANGA / ATTACHMENTS

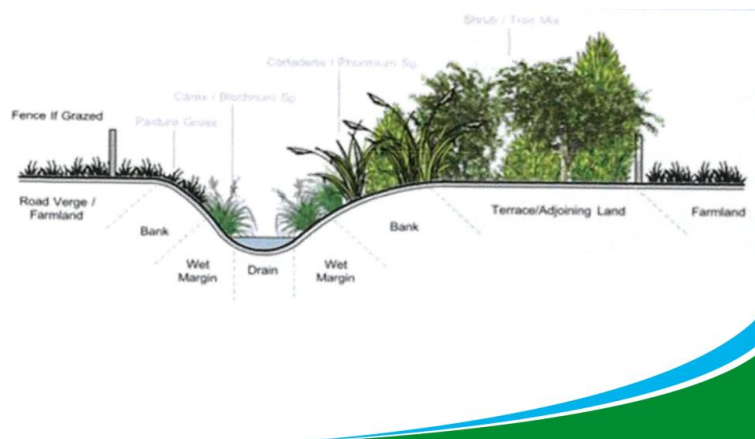
1. DRAFT TEMPLATE - 20250806 Kaikino Drainage Area Management Plan - A5360368



KAIKINO DRAINAGE AREA

MANAGEMENT AND OPERATIONAL PLAN

August 2025



A1901824

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Appendix:

- A – Kaikino Drain Compartment Maps**
- B - Kaikino Drain Database**
- C – Informational Tables**
- D – Operational Standards and Guidelines**

1. Physical Environment

Climate

The Far North's climate is characterised by mild temperatures, humidity and windiness, particularly in coastal areas.

The Annual Average Rainfall measured at Kaitiaki Airport is 1429mm. There are sporadic heavy falls associated with depressions of tropical origin. There is a clearly defined winter rainfall maximum with 30-40% of average annual rainfall typically falling in the period June to August. Northland is also prone to summer droughts.

Landforms

The Kaikino Drainage Area consists of alluvial plains and steep hill country. This area begins north of Awanui and Waipapakauri and extends to the Rangaunu Harbour. It then merges into the Waiharara area.

The entire Kaikino area drains into the Rangaunu Harbour, the land is mostly flat, farmland with rolling hills.

The only large body of water in the Kaikino area is lake Waiparera which overflows into the Kaikino Drain and is then channelled out to the harbour.

Soils

The flat area around Kaikino contains sand soils, as well as a large area of clay loam, peaty loam and deep peat. Large areas of the flats have been classified as high value horticulture land. The hill country contains primarily clay-loam and limestone soils. On steeper land, these soil types are prone to slipping, particularly during heavy rain.

2. Summary of Kaikino Drainage Catchment Area

The total catchment area is approximately 22km² and consists of 6 sub catchments. It is predominantly covered in forestry, patches of native bush, pasture, wetland and very large area of mangroves (The largest area of mangroves in New Zealand). At the head of the catchment are a number of small lakes, which drain into the Lake Waiparera.

Lake Waiparera spills into the Waiparera Creek (Kaikino drain) through a man-made spillway. The water flows in a southeasterly direction down the Kaikino Drain for approximately 4km and then turns almost 160 degrees to the North / Northeast for about 2km to where it outlets into the mangroves of Rangaunu Harbour.

Water which drains into the lake is temporarily ponded and reduces the peak flood hydrograph downstream (maintains a more constant flow rate in the drainage system). Land adjacent to the Kaikino drain is drained by a number of small private drains. One tributary drain is the Hobson drain which intersects the Kaikino Drain approximately 4km down-stream of the lake.

Flood-causing rainfall may occur at any time of the year. No flow records exist for the catchment and flood analysis and modelling is outside the scope of this report. However, flooding within the catchment will be caused by intense rainstorms. Flooding of the lower reaches up to where the Kaikino and Hobson drains intersect will be worst when intense rain coincides with a spring high tide and Northeasterly winds raising the sea level.

3. Objective of Kaikino Drainage Catchment Area Management Plan

The purpose of this Management Plan is to:

- Formalise the purpose of the Kaikino Drainage Area and its assets;
- Document the objectives, policies, and methods of implementation for the management of the Kaikino Drainage Area and its assets;
- Provide an operational plan of the necessary works and procedures to put into effect the purpose and policies of the Kaikino Drainage Area;
- Cover the maintenance of existing assets, proposed upgrades, and the means of funding the proposed works.

- Provide general information in support of resource consent(s) from the Northland Regional Council to undertake the necessary maintenance works contained in the management and operational plan;

4. The Kaikino Drainage Area Management

The Far North District Council (FNDC) oversees the management of a series of drainage areas in the Far North.

The origin of many of these drainage areas date back to the early 20th century, and were generally developed for the purpose of converting wetlands and swamps into productive land. These Drainage Areas were later expanded to provide a measure of safety for the District's urban areas.

Recently, the management of these Drainage Areas was split between the FNDC (generally farm drainage) and NRC (rivers and main tidal flows) to maintain the standard/quality of land and drainage. The FNDC liaise with, and obtain advice from the relevant Drainage Committees.

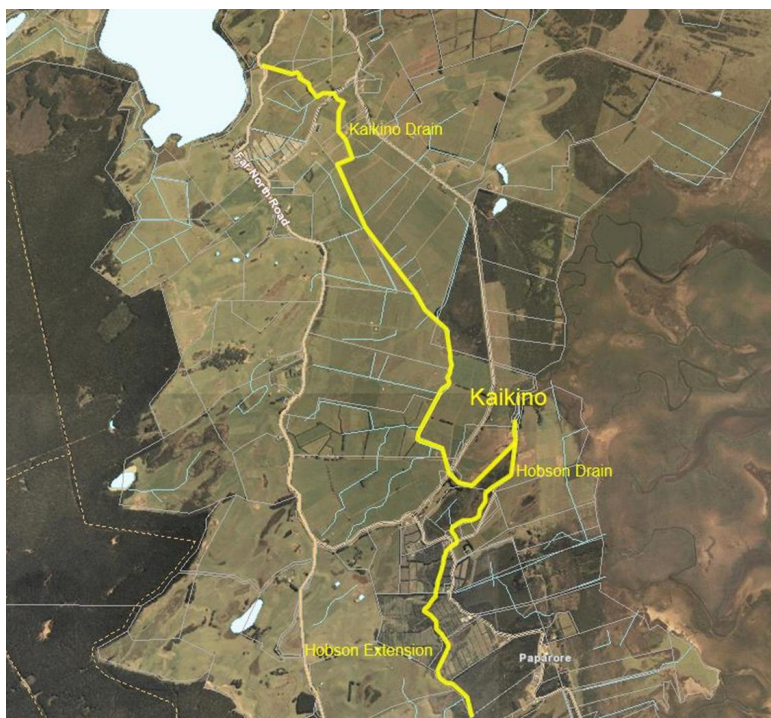


Figure 1 – Map Index for the Kaikino Drainage Area

5. Statutory Requirements

Various legislation gives Council power to manage, administer, fund and carry out physical works within the Kaikino Drainage Area. Legislation also imposes controls on the drainage area assets and work carried out on them and, as such, imposes obligations on Council. This section lists all such legislation and their implications for the Kaikino Drainage areas.

The most relevant acts are as follows:

- * Local Government Act
- * Land Drainage Act
- * Rating Powers Act
- * Soil Conservation and Rivers Control Act
- * Resource Management Act
- * Building Act
- * Other Legislation

The assets to which the legislation applies are recorded in the Council information system. Maintenance and upgrading work on the assets is recommended in the various sections.

6. Establishment and Administration of the Kaikino Drainage Area

Settlement and development of swamp land started prior to the 1900's, with gum diggers forming the initial drains and tracks. The New Zealand Government, Lands and Survey Department developed significant areas of land to be subdivided into sections and later sold to settlers who would develop the swamps into productive agricultural land. The majority of the development occurred after the First World War.

In 1926 the Mangonui County Council agreed to act as the Drainage Board, and in 1956, the Kaikino Drainage District was formed under the influence of the Ministry of Works who would not construct the spillway unless arrangements were in place for statutory binding maintenance of the main drain. Two years later, the sale of 1513 acres of the Waiharara - Kaimaumu swamps for development into agricultural land proceeded.

Council passed a resolution declaring Kaikino a Drainage District in 1957 and the design and construction of a spillway to lower the lake began.

Due to changes in legislation, the term "Drainage District" no longer applies, and pursuant to the Local Government Act 1974 this Drainage District is now referred to as a Drainage Area. The Drainage Areas located at Motutangi, Waiharara, and Kaikino are known collectively as the Northern Drainage Area (refer **Appendix I** for reference to the location of these schemes).

The agricultural drainage areas have been funded through a combination of private work by landowners and public works by the former Ministry of Works, the local territorial authority, which was the Mangonui County Council until 1989 and is now the Far North District Council (FNDC) and the (now defunct) Soil Conservation and Rivers Control Authority.

Council funding has been obtained through a specific drainage rating classification. In 2013 the Northern Drainage Committee (NDC) was established. This Committee was made up of local representatives from each Drainage Area, to advise Council on a programme of works for the respective drainage areas.

This (NDC) zone has since been split into four sub areas, Motutangi, Kaitaia, with the Waiharara/Kaikino areas working together as one sub group.

The Kaikino / Waiharara Drainage Area Committee was formally established at the 22 February 2016 meeting of the Te Hiku Community Board at the request of the members of the Kaikino Drainage Management Committee.

The representatives of these areas consider what maintenance is required and then prioritise the works. These works can relate to improving accessibility of the drains for maintenance crew, as well as spraying and machine cleaning programmes.

7. The Planned Level of Protection of the Drainage Area

The Kaikino Drainage Scheme is to be maintained for the primary purpose of providing for pastoral farmland drainage and the protection of land from flooding, while complying with relevant regulations relating to the catchment area.

A Resource Consent application will be lodged with the Northland Regional Council (NRC) in 2017 to formalise occupation and use of the land drainage area. Once resource consent is granted, this Management Plan may need to be modified to reflect any measures required by that consent.

8. Description of Assets within in the Drainage Area

Overview

Much of the drainage development in the past has been influenced by the necessity to reduce the flooding in the Kaikino Area. However, extensive works are also in place to protect the rural land and lower groundwater levels to improve the productivity of the land.

Description

Generally this drain has reasonably good grades and fast flowing water. It is typically 1-2 metres deep with shallow peat overlying sandstone.

This drain commences at Lake Waiparera where it flows into the spillway at the head of the drainage system, passing under Camp Road through a culvert. Continuing down the drain, two small waterfalls approximately 400mm in height pass through a sandstone cut. The drain then passes under the Heath Road Bridge. Below this point, the water level within the drain is tidally influenced. From its junction with the Hobson Drain to the outlet into the Ranganui Harbour, the drain turns back on itself and meanders to the North before discharging into the Harbour. The lower reaches contain swamp land administered by the Department of Conservation.

As determined by a resolution of the Drainage Committee, works are a combination of twice yearly spraying and annual machine cleaning when required cleaning and spraying being undertaken as directed.

Hobson Drain and Extension

This drains land in the southwest corner of the catchment and has good grades and reasonable flows. In some parts the banks are unstable.

9. Outline of the Objective of the Planned Maintenance Works

- 9.1. To manage and maintain the existing scheme assets and works in the most economically efficient manner such that the system:
 - * Meets its primary purposes of providing for farm drainage and the protection of land from flooding in accordance with the relevant objectives in Council's *Strategic Plan, Drainage*; and
 - * Meets its statutory requirements.
- 9.2. To improve land productivity through improved drainage and reduced duration of flood inundation.
- 9.3. To have all works completed in a manner sensitive to the environment and creating minimal disturbance compatible with the scope of the works.
- 9.4. To work within the requirements and aims of DOC, NRC and FNDC.

10. Outline of the Maintenance Schedule for the Drainage Scheme

Lake Waiparera is the initial source of the water that flows down the Kaikino Drainage scheme. From the spillway area and then downstream is the start of what has been classed as the Kaikino drainage scheme.

In regard to the lake, works and maintenance to keep the spillway area safe to the general public and in good operational condition is part of the maintenance of the scheme.

Each year the drains are given condition assessment.

The data is then used to provide a programme for machine cleaning, spraying and other associated works in the Kaikino Drainage Area. This programme is then put up for approval at the next meeting of the committee and community representative.

Normally the drain cleaning will be carried out in late summer or early autumn, to remove any large weed mats/growths that formed over the spring-summer period as well as reshaping and battering of the drains. This allows time for grass to re-establish before the peak rain falls are expected and will help lessen erosion of the newly formed drain embankments.

In addition to planned works such as machine cleaning of the drains, annual spraying is also undertaken. Spraying is the only form of regular maintenance that is carried out on the drains, and unless advised, only the centre of the drain/weed is sprayed. This reduces the effect on the grass established on the embankment.

Another form of regular maintenance in the near future will be the trimming of established grass on the drain embankments. Presently, the majority of the drains will need to be reshaped/have batters formed before this action is required.

The maintenance schedule has been established to maintain the drains at, or better than the current levels.

Below is a summary of the drains, where regular maintenance is carried out upon these drainage scheme assets:

10.1 Drains within the Spraying & Machine Cleaning Programme

Kaikino Drain

Total Length: 5,500 m

Hobson Drain + Hobson Extension

Total Length: 3,100 m

11. Details of the Maintenance Schedule for the Drainage Scheme

All landowners are required to comply with the FNDC Land Drainage Bylaw 2019.

The key sections are:

- There must be no obstructions which interfere with the access for plant or machinery to and along the drainage channel or parts thereof and in particular within 10 m of the drain, Clause 3.1. (trees planted too close are a major issue).
- Grazing stock must be excluded from the drainage channel, Clause 5.7.
- There must not be damage caused to the drainage channel, due to stock accessing the drainage channel for water, Clause 11.1.
- Remove flood debris or other recently deposited material that prevents the free flow of water, from waterways and/or floodgates.
- To ensure access to drains is available at all times in accordance with the policies of this management plan. This includes the control of vegetation outside the tops of drain banks

Commented [AC1]: There are historical references to works been done by FNDC relating to the spillway and it's safety as it pertains to the public. It would seem that it is piped, unsure of the length, this will need to be confirmed by an onsite inspection.

Commented [AC2]: In regards to this sentence being needed, as in the above comment, if the "works and maintenance" is part of the scheme then keeping this within the Plan will ensure there is an awareness of these obligations.

Commented [AC3]: Should there be mention of the current review of the Land Drainage Bylaw?

11.1 Machine Cleaning

Landowners adjacent to all drains need to be aware of the discharge of silt downstream and to continue to operate these drainage schemes, the movement of silt needs to be minimised.

The most practical solution is to batter the banks back at the time of machine drain cleaning. This will progressively stop virtually all bank erosion and most of the silt movement. This will also minimise cost.

A few notes and requirements with machine cleaning and battering are as follows:

- This will require fences to be moved back from the edge of drains to allow the battering of the drain banks.
- Different soils require different batter angles but as a guideline the angles will be between 30 to 40 degrees.
- Once battered the banks will no longer be sprayed at all, only machine trimming being carried out.
- The spraying will be confined to weed growth in the centre, un-battered section of the drains.
- Any mats will be removed by machine without cutting into the bank batters, using a weed rake wherever possible.

By using these methods and drain shape, NRC involvement will be minimised and the long-term future of the drains maintained.

See the NRC publication *Farm Management Issues – Chapter 4, 4.1.4 to 4.1.4.3 for more information.*

Cleaning will generally involve the removal of the weed mat only, while leaving the sides of the drain untouched.

It is imperative that the drain banks are not cut into during normal drain cleaning.

When reshaping drains or creating new drains, batters and fences are required, with the works taking place during late spring to early autumn. This will assist in the reestablishment of vegetation and minimise silt movement.

Disposal of drain cleaning

- All weed cleanings are to be spread along the access ways.
- If the landowner desires the drain cleanings to be placed elsewhere, it is at his cost for all the extra time and work.
- Any drain cleaning/silt must be placed at least 4m from the top of the drain bank batter, provided that this is not likely to raise the height of the machine access and creating future access/reach problems.
- If this is the case, the drain cleanings must be placed outside of the access track.
- Drain cleanings must be disposed of in such a way that they do not impede the overland flow of stormwater runoff from adjoining lands into the drains.

11.2 Fencing

Land owners are required to prevent stock from accessing drains. This is to minimise:

- Damage due to stock walking up and down banks and drains
- Silt movement along drains due to bank damage/collapsing and soil dragged in by stock
- Additional cost for drain cleaning due to slower work, generating a higher per metre rate
- Requirement for frequent drain cleaning

11.3 High Threat Aquatic Weeds

High threat aquatic weeds (Alligator, Hornwort) maybe sprayed prior to removal with machinery.

Where required these weeds will also be sprayed after removal.

Stock must not eat these weeds unsprayed.

An EPA "Permission for Use of Substances" & NRC consent is required specific to the areas to be sprayed, for the correct type of spray. The spray used must be applied with considerable forethought, as it can effect crop growth for some distance downstream.

11.4 Common Aquatic Weeds

This will generally be as required, with spraying as per the work programme.

11.5 Culverts and Gates

Culverts and gates are to be installed wherever possible to allow continuous access along the edge of drains.

The cost of these shall be paid from out of the Kaikino Drainage Scheme rates. If the culvert acts as a connection to a drainage area drain it is to be paid for and becomes the responsibility of the property owner (this is the same with any farm gates, taranaki gates are acceptable).

The Kaikino Drainage Scheme committee members shall review the list of improvements to be undertaken and make their recommendation. Culverts are to be added into an asset register.

11.6 Monitoring and Works Outside the Programme

It is expected that landowners, contractors and Council staff shall pool information to achieve a realistic picture of the condition and works required to maintain the current scheme.

If the Council representative receives a recommendation from at least 2 members of the committee for specific works, when there is not a committee meeting programmed within 1 month, the works shall be accepted as if from the complete committee.

11.7 FNDC Staff, Resources, Information and Feedback Management.

11.7.a Policy

- That the assets of the Kaikino Drainage Area be maintained to, at all times, facilitate the policies of this Management Plan and its associated objectives, including all Resource Consents, statutory requirements and any other system requirements.
- The Council shall supply staff and resources as required in order to fulfil the Council's responsibilities.
- The Council staff shall work with the committee to achieve an outcome which minimises the expenses and maximises the long term benefits to the landowners and drainage system.

11.7.b Information Management

Policy

That an information management system, capable of facilitating the analysis necessary for the efficient management of the system, be established and maintained.

Method

That a central electronic spreadsheet database be maintained in the Far North District Council's computer system, and the following information updated at three-monthly intervals, as required:

- Drain lengths and locations
- Drain heights and GIS data

- Drainage rate paying landowners
- A summary of issues identified during the inspections
- Non-routine work undertaken (including the location, a description of the work, the date and cost)
- Complaints and requests from stakeholders (including the date and a brief description of the complaint/request (eg. "sediment in river at Bloggs Bend"))
- Information on flood events including (if known) the date, maximum flood level at monitoring points in the system, duration of inundation, damage caused, and the findings of any flood gauging that is undertaken
- All other information collected

11.7.c Feedback Management

Policies

That a feedback system be put in place that:

1. Is readily accessible by stakeholders, both to report faults and to request improvements they feel the system would benefit from;
- and
2. Facilitates the acknowledgment of requests and feedback in accordance with the Far North District Council's policy in this regard.
- and
3. Allows the local drainage committees to recognise customer requests for service via a list which contain the request itself and the resolutions for each request.

12. Review date for the management plan

This management plan must be formally and comprehensively reviewed every five years, or sooner if a majority of drainage area ratepayers request a review at any other time.

Amendments to this management plan should be made through a formal process of consultation with the Kaikino Drainage Committee (Est 2016), followed by approval from the Far North District Council Infrastructure and Asset Management Committee.

It is noted that any amendments to the management plan may require approval of the Northland Regional Council and, possibly, a variation to one or more resource consents for the scheme.

13. Regulations relating to the Kaikino Drainage Area

The Resource Management Act 1991 (RMA)

This Act governs legislation for resource use in New Zealand, its purpose, contained in section 5 of this Act, is to promote the sustainable management of natural and physical resources, in a way that enables people and communities to provide for their social, economic, and cultural wellbeing, while sustaining the intergenerational potential of natural and physical resources, safeguarding the life supporting capacity of air, water, soil and ecosystems, and avoiding, remedying or mitigating any adverse effects on the environment.

The Act controls and administers the effects of the use of land, air, and water through a hierarchy of policies, standards, plans and consents.

Each set of controls is binding over those below them to the extent that they must not be inconsistent. It imposes responsibilities on the Regional and District councils to minimise the effects of human activities and natural hazards on the environment.

This is carried out via objectives, policies, and methods of implementation contained in the Regional Policy Statement, Regional Plans and District Plans.

Any activities within the Kaikino Drainage Area must comply with these plans.

The relevant sections of the RMA are set out and discussed below.

10 Certain existing uses in relation to land protected

- (1) Land may be used in a manner that contravenes a rule in a district plan or proposed district plan if;*
- (a) either*
- (i) the use was lawfully established before the rule became operative or the proposed plan was notified;*
- and*
- (ii) the effects of the use are the same or similar in character, intensity, and scale to those which existed before the rule became operative or the proposed plan was notified;*
- (b) or*
- (i) the use was lawfully established by way of a designation; and*
- (ii) the effects of the use are the same or similar in character, intensity, and scale to those which existed before the designation was removed.*

Comment: The Drainage Area was lawfully established as a Drainage District in 1913.

Far North District Council Bylaw

The Land Drainage Bylaw 2019, made in accordance with the provisions of Pt 8 of the Local Government Act 2002, Pt XXIX of the Local Government Act 1974 and the Land Drainage Act 1908, was developed for the purpose of enabling regulation of land drainage assets within the Far North District.

This Bylaw provides access to and along drains for maintenance purposes and sets out conditions for any landowner connecting a private drain into any Drainage Area.

Northland Regional Council Regional Water and Soil Plan

The Revised Proposed Regional Water and Soil Plan for Northland, 1998 controls the use of land and water resources of the Northland region. The policies of the Proposed Regional Policy Statement have been used in its preparation.

It should be noted that farm drains are specifically excluded from the provisions of Section 13 of the Resource Management Act. Therefore, disturbance of the beds of drains does not need resource consents.

As discussed, the Kaikino Drainage Area assets are legally established under General Authorisation 9 in the Transitional Regional Plan, and, as such, no consents are required under that plan.

The "Existing Use" provisions in Section 10 of RMA apply only to land use, not water. Accordingly, consent(s) are required from the Northland Regional Council for the effect of the Kaikino Drainage Area activities effect on water.

Tables 1 and 2 (Table 2 can be found in the lists the key assets in the Kaikino Drainage Area, the most common activities carried out to maintain them and possible major capital works, and the regional plan consents required for those assets and activities.

It is noted that even if consent is not required, the Revised Proposed Water and Soil Plan usually lists conditions that still must be complied with as part of the permitted activity.

In these cases, the location of the conditions is shown in the right hand column.

Existing Kaikino Drainage Area Assets	Resource Consent Required?	Comments, Consent Type and/or Relevant Plan and Section
Drains on farm land – 131 km maintained by FNDC. Refer to Appendix D	No	Beds of Farm drains excluded from the Resource Management Act.
Fixed structures – 178 floodgates/culverts. Refer to as shown in Appendix H.	No	S29.1.2 Revised Proposed Water and Soil Plan 1998.

Table 1. Resource Consents Required for the Existing Kaikino Drainage Assets.

14. Description of the rating/funding classification (To Be Reviewed)

14.1 Ratable Areas

Existing rating classifications were developed in 2003 following a review of the individual Drainage Areas. There are three rating classifications A, B & C.

A class applies to all land with direct access to drains maintained under this Management Plan and would lose production if drains were totally blocked off. B class applies to all other drained land connected indirectly to the drainage system. C class applies to adjoining land that would lose access without the drains and by location has a more immediate disposal of excess rainfall to lower lying ground.

14.2 Non Rated Land

Non Rated land is classified according to location as either A, B or C. This covers wetland areas, bush covenants and private land with significant natural and aesthetic values to be protected as included in Far North District Council's database of indigenous vegetation.

14.3 Drainage Rates

The proposed drainage rates are calculated from the ratio of the rate per Ha based on Class A – 6, Class B – 3 and Class C – 1. The below table lists the properties which are subject to the rating classification, and the class applied to each property:

The rating base for the Kaikino Drainage Scheme is set out below:

Rating Category	Approximate Rating Base
A	452 ha
B	477ha
C	1647 ha

Rating is carried out in accordance with Local government Rating Act 2002. Targeted rates use the separate rates for the specific purpose of land drainage.

Rates are set each year around the proposed programme of maintenance as submitted by the Advisory committee.

15. Kaikino Drainage Area Committee Formation and Operational Details

15.1 Purpose

The purpose of the Kaikino Drainage Area Committee is:

- To represent and consult with the Drainage ratepayers of the Kaikino Drainage Area
- To make recommendation to the Te Hiku Community Board in respect of all matters pertaining to the management of the Kaikino Drainage Area
- To ensure the Kaikino Drainage Area ratepayers and the Te Hiku Community Board are well informed about matters of concern relating the Kaikino Drainage Area
- To identify initiatives and improvements and make recommendations to the Te Hiku Community Board on how these improvements can be implemented
- To provide the Kaikino Drainage Area community with an opportunity to provide feedback to the Te Hiku Community Board
- Ensure open and free exchange of information, ideas and concerns between the Te Hiku Community Board and community.

15.2 Quorum

The Quorum is set at three.

15.3 Responsibilities

Work Programmes

Preparing the programme of work for the Kaikino Drainage area, relevant to the purposes of the Committee, which is:

- Consistent with the Annual and Long-term Planning processes of Council
- In accordance with the conditions and requirements outlined in the Management Plan and resource consent conditions.

Such programmes are to include budgetary provision for all costs associated with the work of the Committee.

Notifying the appropriate Council Staff of any Emergency Work required to be carried out.

Stakeholder Liaison

Liaise with all stakeholders as requested by the Council Officer responsible for the Kaikino Drainage Area.

15.4 Membership

The Kaikino Drainage Area Committee is to be appointed by resolution of the Te Hiku Community Board pursuant to the Standing Orders adopted by that Board.

One member of the committee must be a Community Board member.

15.5 Protocols

A chairperson and deputy chairperson must be elected pursuant to the standing orders adopted by the Te Hiku Community Board.

An agenda will be prepared and circulated 2 clear working days in advance of the meeting following a call for items to be notified to the Chairperson and pursuant to the Standing orders adopted by the Te Hiku Community Board.

15.6 Values

Advocacy - promote the public's trust and confidence in Council and the Community Board

Openness - communicating clearly and providing as much information as possible

Honesty - observing both the spirit and the letter of the law, policy and procedures

Respect - treating people with courtesy, observing their rights and recognising the different roles that others play in management and decision making

Responsiveness - dealing with issues within agreed timeframes

Consider the full range of costs and benefit of alternatives in making recommendations to Council

Ensure open and free exchange of information within the group

15.7 Meetings

The Kaikino Drainage Area Committee will meet formally twice a year as determined by the Te Hiku Community Board in the Schedule of Meetings.

The Far North District Council and the Drainage Committees are both open to having additional informal meetings (such as workshops) during the year.

Additional formal meetings may be held when required with the approval of the Chief Executive Officer.

15.8 Standing Agenda Items

Confirmation of previous minutes

A financial report

Proposed Work Programme

15.9 Reporting

A report will be included in the Te Hiku Community Board agenda at the following meeting that conveys any recommendations to the Te Hiku Community Boards for adoption.

15.10 Support

Administrative support is provided by the Council's Governance Support team.

15.11 Funding and Budgets

Funding for the Committee will align with Council's Revenue and Financing Policy.

The Committee shall only recommend the expenditure of funding on purposes for which that funding was originally raised and in accordance with the budgets (supported by the drainage and the Te Hiku board) approved by Council through its Long-term Plan and Annual Plan.

Expenses will be funded from the Kaikino Drainage Targeted Rate.

15.12 Procurement of Goods and Services

The procurement of goods and services for the Kaikino Drainage Area will be in accordance with the Far North District Council Procurement Policy, Policy #2104-14 Procuring Goods and Services and the Procurement Manual.

15.13 Contact with Media and Outside Agencies

The Committee Chairperson is the authorised spokesperson for the Committee in all matters where the Committee has authority or a particular interest.

Committee members, including the Chairperson, do not have delegated authority to speak to the media and/or outside agencies on behalf of Te Hiku Community board on matters outside the Committee's delegations.

15.14 Conduct of Affairs

The Committee shall conduct its affairs in accordance with the *Local Government Act 2002*, the *Local Government Official Information and Meetings Act 1987*, the *Local Authorities (Members' Interests) Act 1968*, The Hiku Community Board Standing Orders and Council Code of Conduct.

15.15 Power to Delegate

The Kaikino Drainage Area Committee may not delegate any of its responsibilities, duties or powers.

15.16 Returning Standing Members

The existing Kaikino Drainage Area Committee members shall be returned at the time of election unless they request otherwise.

15.17 New Members

A minimum of 2 existing Kaikino Drainage Area Committee members shall be required to propose the addition of a new member to the committee.

15.18 Removing Existing Committee Members

A unanimous vote by all of the other existing Kaikino Drainage Area Committee members shall be required to remove a current committee member.

Appendix A - Drain Compartment Maps

Figure 2 – Map Index for the Kaikino Area (Aerial)

Figure 3 – Map Index for the Kaikino Area (Property Map)

Figure 4 – Location and Length of the Kaikino Drain (Google Maps)

Figure 5 – Location and Length of the Hobson Drain + Extension (Google Maps)



Figure 2 – Map Index for the Kaikino Area (Aerial)

A1901824

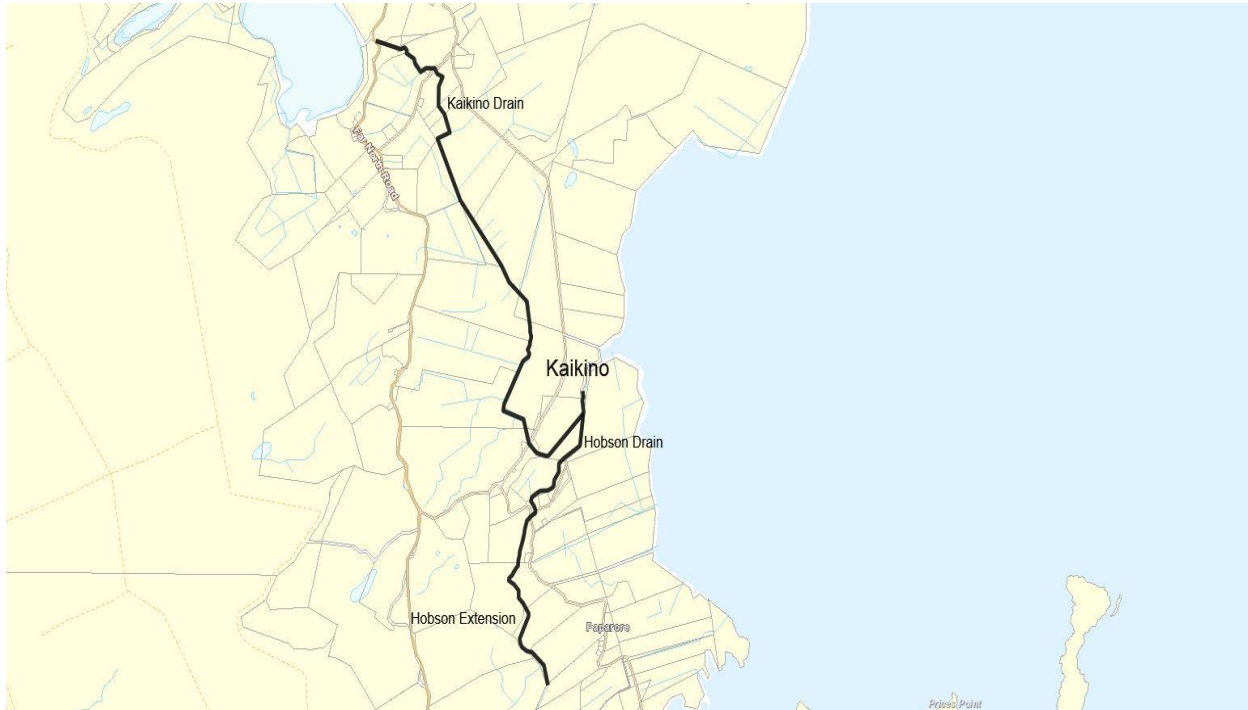


Figure 3 – Map Index for the Kaikino Area (Property Map)

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Figure 4 – Location and Length of the Kaikino Drain (Google Maps)

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Figure 5 – Location and Length of the Hobson Drain + Extension (Google Maps)

A1901824

Appendix B – Kaikino Drain Database

Table 3 – Kaikino Drain Database

A1901824



ID	Sub Area (Kaikino)	Drain Name / Location	Length (m)	Drain Dimensions
60001	Kaikino (Northern)	Kaikino Drain	382	
60002	Kaikino (Northern)	Kaikino Drain	316	
60003	Kaikino (Northern)	Kaikino Drain	745	
60004	Kaikino (Northern)	Kaikino Drain	599	
60005	Kaikino (Northern)	Kaikino Drain	320	
60006	Kaikino (Northern)	Kaikino Drain	91	
60007	Kaikino (Northern)	Kaikino Drain	112	
60008	Kaikino (Northern)	Kaikino Drain	104	
60009	Kaikino (Northern)	Kaikino Drain	143	
60010	Kaikino (Northern)	Kaikino Drain	75	
60011	Kaikino (Northern)	Kaikino Drain	185	
60012	Kaikino (Northern)	Kaikino Drain	672	
60013	Kaikino (Northern)	Kaikino Drain	305	
60014	Kaikino (Northern)	Kaikino Drain	568	
60015	Kaikino (Northern)	Kaikino Drain	223	
60016	Kaikino (Northern)	Hobson Drain	1489	
60017	Kaikino (Northern)	Hobson Extension	397	
60018	Kaikino (Northern)	Hobson Extension	835	

Table 3 – Kaikino Drain Database

Appendix C – Informational Tables

Table 4 – Table of Consented Works

Management/ Maintenance Activity	Reference Section	Resource Consent Required?	Comments, Consent Type and/or Relevant Plan and Section
Maintenance Management, maintenance of free flows in rivers (except vegetation and silt removal).	9.5.4, 9.7	No	Permitted activity if approval of this Management Plan is obtained in accordance with the Soil Conservation and Rivers Control Act 1941.
Connections to Scheme Drains	9.10.2	No	s23.1(4) of the Revised, Proposed Water and Soil Plan 1998
Installation of Vehicle Crossings of Waterways	9.7.7	Yes	S24 of the Revised, Proposed Water and Soil Plan 1998
Removal of vegetation, including mangroves, from the streambank upstream of the CMA.	9.5.4	Possibly	If not complying with s35.1(4) of the Revised Proposed Water and Soil Plan 1998, land use consent under S35.3.
Removal of mangroves from the CMA	9.5.4	Yes	Revised Proposed Regional Coastal Plan 1998 rule 26.3.12b if blocking artificial drainage channels, otherwise prohibited.
Upgrading of stopbanks not included in the initial stopbank consent		Yes	Water permit under S27.3.4 of the Revised Proposed Water and Soil Plan 1998.
Installation of Overflow Channels	Refer report in App. A	Yes	Water Permit, S24.3.4 of the Revised Proposed Water and Soil Plan 1998.
Removal of silt from the river bed and the disposal of the resulting spoil	9.5.4	Yes	For removal/disposal in the coastal marine area (CMA), a coastal permit under S26.3.8 of the Revised Proposed Regional Coastal Plan 1998. For removal elsewhere, a land use consent under S27.1 or 27.3, S31.3 and S35.1 of the Revised Proposed Water and Soil Plan 1998. For disposal of spoil outside the CMA, refer to S32 to 35 of the Revised Proposed Water and Soil Plan 1998
Vegetation and weed control in farm drains.	9.6.1	Only with grass carp or some herbicides.	S18.1(3) of the Revised Proposed Water and Soil Plan 1998 for spraying. Department of Conservation license for Grass Carp.
Disposal of Farm Drain Cleanings	9.6.2	No	S32 to 35 of the Revised Proposed Water and Soil Plan 1998
Control of Stock Access to Rivers.	9.10.3	No	S35.1.1 Revised Proposed Water and Soil Plan 1998.
Placement of erosion control structures in rivers	Report in Appendix A, S9.7	No	S29.1.8 Revised Proposed Water and Soil Plan 1998.
Discharge from farm drains	9.10.2	No	23.1.4 Revised Proposed Water and Soil Plan 1998

Table 4. Resource Consents Required for Management and Maintenance Activities. "CMA" = Coastal Marine Area.

Appendix D – Operational Standards and Guidelines

Operational Standards and Guidelines for Land Drainage and Flood Control

1. Permitted Activities

These activities do not require resource consent if all conditions are met:

1.1 Damming, Diversion, and Discharge of Water

- Must comply with C.4.1.9 Land Drainage and Flood Control General Conditions.
- Must not cause land subsidence or slumping that adversely affects structures or infrastructure on other properties.
- Discharge must occur within the same catchment where water would naturally flow.
- Discharge must not occur within catchments of Outstanding Lakes or dune lakes with high ecological value.
- New drains must not be constructed within 15 metres of existing wastewater disposal areas.

1.2 Covered RMA Activities

- Land drainage (s9(2))
- Bed disturbance and deposition (s13(1))
- Damming/diversion of water (s14(2))
- Discharge of drainage water and sediment (s15(1))

2. Controlled Activities

These require resource consent but must be granted, subject to conditions:

2.1 Existing Drainage Districts

Includes:

- Taking, diversion, and discharge of drainage water
- Clearing drainage channels and floodgates
- Maintenance, repair, and reconstruction of drainage assets

2.2 Conditions for Controlled Activities

- Must be carried out by a local authority or landowner group under the Local Government Act 1974 (Sections 517A–517ZM).

2.3 Matters of Control

Council may impose conditions on:

- Management of drainage and flooding effects
- Measures to prevent subsidence, slumping, and erosion
- Water quality and mixing zones
- Staging of works
- Effects on tāngata whenua and taonga
- Fish passage and protection of native freshwater fish, especially eels
- Impacts on natural wetlands

2.4 Covered RMA Activities

- Maintenance outside lake/riverbeds (s9(2))

- Water take/diversion/damming (s14(2))
- Discharge of water/sediment (s15(1), s15(2A))

3. Discretionary Activities

Require resource consent and are subject to full assessment:

3.1 Includes

- New land drainage or flood control schemes
- New structures in or near water bodies
- Associated bed disturbance, deposition, water take/diversion/damming
- Discharge of sediment or water

3.2 Covered RMA Activities

- Land drainage/flood control works (s9(2))
- Structure use/placement in water bodies (s13(1))
- Water take/diversion/damming (s14(2))
- Discharge to water or land (s15(1), s15(2A))

4. General Conditions (C.4.1.9)

These apply to all permitted and controlled activities:

- Activities must not cause erosion, flooding, or adverse ecological effects.
- Structures must be maintained to prevent failure.
- Sediment control measures must be in place.
- Notification to council may be required for certain repairs or maintenance

5. Bylaw Compliance (Far North District Council)

- No planting, fencing, or construction within 10 metres of a drain without council approval
- Private drain connections require council approval and plans.
- Obstructions (e.g., debris, vegetation) must be removed.
- Pollution of drains is prohibited.
- Stop banks and crossings require council approval.
- Damage to drainage assets must be reported and repaired by the responsible party.

6. RMA Duties and Restrictions

- Activities must avoid, remedy, or mitigate adverse environmental effects, even if permitted
- Resource consent is required unless explicitly allowed by a plan or national standard.
- Noise, sediment, and water discharge must meet environmental standards.

5.2 WAIHARARA AND KAIKINO DRAINAGE COMMITTEE OPEN RESOLUTIONS UPDATE SEPTEMBER 2025

File Number: A5357480

Author: Marysa Maheno, Democracy Advisor

Authoriser: Aisha Huriwai, Manager - Democracy Services

TAKE PŪRONGO / PURPOSE OF THE REPORT

To provide Waiharara and Kaikino Drainage Committee with an overview of outstanding Committee decisions from April 2023.

WHAKARĀPOOTO MATUA / EXECUTIVE SUMMARY

- Open resolutions are a mechanism to communicate progress against decisions/resolutions.
- Open resolutions are also in place for all formal elected member meetings.

TŪTOHUNGA / RECOMMENDATION

That Waiharara and Kaikino Drainage Committee receive the report September 2025 Open Resolution Report.

1) TĀHUHU KŌRERO / BACKGROUND

At the 17 April 2023 Waiharara and Kaikino Drainage Committee Meeting the Committee requested an action sheet update report be included in all future Drainage Committee Meetings. Any resolution or decision from a meeting is compiled on an open resolution status report, to capture actions triggered by Waiharara and Kaikino Drainage Committee decisions. Staff provide updates on progress against tasks that are not yet completed.

2) MATAPAKI ME NGĀ KŌWHIRINGA / DISCUSSION AND OPTIONS

The outstanding tasks are often multi-facet projects that take longer to fully complete. Where a decision differs to the recommendation of staff there may be unintended consequences or challenges that take longer for staff to work through.

TAKE TŪTOHUNGA / REASON FOR THE RECOMMENDATION.

To provide Waiharara and Kaikino Drainage Committee with an overview of outstanding decisions from 17 April 2023.

3) PĀNGA PŪTEA ME NGĀ WĀHANGA TAHUA / FINANCIAL IMPLICATIONS AND BUDGETARY PROVISION

There are no financial implications or need for budgetary provision in receiving this report.

ĀPITIHINGA / ATTACHMENTS

1. **Waiharara and Kaikino Drainage Area Committee Open Resolution Report - A5357516**



OPEN RESOLUTION REPORT			
<div> <div>Division:</div> <div>Committee:</div> <div>Officer:</div> </div> <div> <div>Waiharara and Kaikino Drainage Area Committee</div> </div>		<div> <div>Printed: Wednesday, 10 September 2025</div> <div>10:30:26 am</div> <div>Date From:</div> <div>Date To:</div> </div> <div> <div>1/01/2021</div> <div>10/09/2025</div> </div>	
Meeting	Title	Resolution	Notes
Waiharara and Kaikino Drainage Area Committee 21/03/2022	Waiharara and Kaikino Drainage Areas 2022/2023 Programme	<p>RESOLUTION 2022/3</p> <p>That the Waiharara and Kaikino Drainage Areas Committee:</p> <p>a) Recommends Te Hiku Community Board approve the reviewed Waiharara and Kaikino Drainage Areas 2022/2023 work programme.</p> <p>b) Recommend a reserve balance of \$5,000 for Waiharara Drainage and \$5,000 for Kaikino Drainage be held for unplanned works should it be required, and that this be referred to Te Hiku Community Board for approval.</p> <p>Note:</p> <ul style="list-style-type: none"> The Chair requests more information in regards to mapping for rated areas a, b and c <p>.CARRIED</p>	<p>12 Apr 2023 11:49am Item a) and b) approved At Te Hiku Community Board Meeting, Held At The Conference Room, Te Ahu, , Cnr Matthews Ave And South Road, Kaitaia, On Tuesday, 10 May 2022</p> <p>23 Aug 2023 3:41pm a) Noted, b) Noted- to be actioned when Drainage specialist appointed</p> <p>10 Sep 2025 10:15am Draft Management Plans are scheduled for review (7/8/25) prior to presentation for approval by Drainage Committee (Sept 2025). Works programme will then be finalised. Inspections are underway and resource consent is in the planning stage awaiting approved Management Plan.</p>

6 KARAKIA WHAKAMUTUNGA – CLOSING PRAYER

7 TE KAPINGA HUI / MEETING CLOSE