

AHURIRI REGIONAL PARK JOINT COMMITTEE

Open Agenda

Meeting Date: Monday 16 March 2026

Time: 9.30am

Venue: Small Exhibition Hall
War Memorial Centre
Marine Parade
Napier

Committee Members: **Chair:**
Members: Crs Isaac-Sharland and Simpson (NCC)
Crs Mcllroy and Parsons (HBRC)
Joseph Reti, Peter Eden, Parris Greening and Evelyn Ratima
(Mana Ahuriri Trust)

NCC Alternate: Cr Morley
HBRC Alternate: Cr Kirton
MAT Alternate: *(to be appointed)*

Officer Responsible: Executive Director Strategy & Urban Development (Rachael Bailey)

Administration: Governance Advisor (Carolyn Hunt)

Next Ahuriri Regional Park Joint Committee meeting

Delegated Authority, Purpose and Fields of Activity of the Ahuriri Regional Park Joint Committee

(Administration through the Napier City Council)

<i>Reports to</i>	Council
<i>Chairperson</i>	<i>Elected by Committee</i>
<i>Deputy Chairperson</i>	<i>Elected by Committee</i>
<i>Membership</i>	<i>2 NCC Councillors (1 alternate)</i> <i>2 HBRC Councillors (1 alternate)</i> <i>4 Mana Ahuriri Trust Representatives (1 alternate)</i>
<i>Quorum</i>	4
<i>Meeting frequency</i>	<i>As required</i>
<i>Officer Responsible</i>	<i>Executive Director City Strategy</i>

The Ahuriri Regional Park Joint Committee has been established as a Joint Committee under clause 30A of Schedule 7 of the Local Government Act 2002.

1. Te Mana kua tukuna me te Kaupapa

Delegated Authority and Purpose and Fields of Activity

The ARP Joint Committee has responsibilities delegated by the Partner Councils to fulfil its purpose being:

- 1.1. To make recommendations to the respective council's on decisions pertaining to the development of the ARP that are within the jurisdiction of each Partner Council, as it relates to the site legally described as Lot 1 DP 388211. The ARP Joint Committee shall have discretion to determine the matters presented to the MAT Board for decision.
- 1.2. To commission reports and advice; and oversee the design and delivery of projects associated with the ARP:
 - a) Provide advice on and approve project briefs.
 - b) Commission a project manager and consultant team for the preparation of a masterplan.
 - c) Provide recommendations on Annual Plan budgeting and inclusion of funding in the Long Term Plan (LTP) by each Council to achieve agreed water storage and quality, ecology, cultural and recreation outcomes for the estuary, its streams drains and tributaries, and on adjacent land.
 - d) Provide recommendations on the completion of a proposal to be submitted by each Council in the LTP reflecting the current situation for the ARP.
 - e) Make recommendations on regulatory changes and other planning documents that support the delivery of the ARP.
 - f) Seek advice on the best models for future governance and/or management of the site.

- g) Collaborate in the preparation of applications for necessary consents to ensure timing is coordinated and activities applied for are consistent with the ARP Masterplan.
 - h) Establish and agree outcomes, deliverables and ensure milestone alignment and updates on a proposal towards the LTP for each Council.
- 1.3. The delivery of an ARP that promotes climate resilience, ecological and water quality improvements, biodiversity improvements, promotes a more natural estuary margin, and provides storm water management, low impact compatible recreational opportunities, cultural storytelling and educational opportunities.
 - 1.4. To strengthen collaborative relationships at all levels between NCC, HBRC and MAT, and in particular the co-governance, planning, operations, and monitoring functions, as they work through a co-governance relationship to develop the ARP. Council Partners that are consenting authorities reserve the right to be independent for any element that requires consent.
 - 1.5. To promote alignment of all Partners projects with the ARP projects, initiatives and planning documents, so that resources committed to protecting and enhancing the estuary through the development of the ARP are adequate; that they prudent and efficient; and are likely to produce the outcomes expected by the whole community. Partners will seek to identify and tap into external sources of funding as required.
 - 1.6. To facilitate collaboration in planning and design for all waterways, drainage and stormwater networks where they discharge into the ARP.
 - 1.7. To work with Te Komiti to establish processes and collaborate together on actions to restore the mauri of the Ahuriri Estuary through the development of the ARP on Lagoon Farm.
 - 1.8. To keep each Partner Council, MAT and Te Komiti regularly updated on the ARP Joint Committees progress.

2. Ngā mana kāore e tukuna

Powers not delegated

The following powers are not delegated to the ARP Joint Committee:

- 2.1. Any power that cannot be delegated in accordance with clause 32 Schedule 7 of the Local Government Act 2002.
- 2.2. Decisions relating to the allocation of funding, the use and development of land and watercourses, and matters relating to consenting lies with each Partner Council that has jurisdiction over these decisions. Recommendations only are made by the ARP Joint Committee.
- 2.3. Unless expressly specified in the ToR, the ARP Joint Committee only has the power to make recommendations to Partner Councils and to MAT.

3. Te utunga

Remuneration

- 3.1. Each Partner Council shall be responsible for remunerating its representatives on the ARP Joint Committee and for the cost of those persons' participation in the ARP Joint Committee. Participation in the ARP Joint Committee from Partner Councils is considered inclusive of the many activities Councillors are expected to fulfil within their role.
- 3.2. The costs associated with remunerating the Mana Whenua members shall be shared equally (50/50) between each Partner Council, and in accordance with the Hawke's Bay

Regional Council Policy for Reimbursement for Project Meetings and Travel (Attachment 1), at the rate specified for Working Groups.

4. Ngā hui

Meetings

- 4.1. The NCC standing orders will be used to conduct ARP Joint Committee meetings as if the ARP Joint Committee were a local authority.
- 4.2. The ARP Joint Committee shall hold all meetings at such frequency, times and place(s) as agreed for the performance of the functions, duties and powers delegated under this Terms of Reference.
- 4.3. The quorum shall be one member per organisation and a minimum of 4 members in total.

5. Te pōti

Voting

- 5.1. The ARP Joint Committee has no decision making authority outside of operational spending. It is tasked with bringing recommendations to each Council Partner and Mana Whenua Partner for consideration.
- 5.2. Where voting is required, all Members of the ARP Joint Committee have full speaking rights.
- 5.3. Each Member has one vote.
- 5.4. When making recommendations, Members of the ARP Joint Committee must strive to achieve consensus, but if, in the opinion of the Chair/co-Chair, consensus is not practicable after a reasonable discussion, a recommendation of the ARP Joint Committee may be made by a minimum of 75% of those members present and voting at the meeting or voting.
- 5.5. The Chair/co-Chairperson may vote on any matter but does not have a casting vote.

6. Te hautūtanga o te Komiti Hono

Leadership of the Joint Committee

- 6.1. The Chair/Co-Chairs are appointed by the ARP Joint Committee.
- 6.2. The Deputy Chair, if required, is appointed by the ARP Joint Committee.

7. Te Whakahaere Motuhake

Independent Facilitation

- 7.1. Administrative support for the ARP Joint Committee (convening meetings, keeping minutes etc) will be provided by the staff of the Napier City Council's Governance team, unless otherwise agreed.

8. Te Whakahaere Motuhake

Independent Facilitation

- 8.1. Any matter or matters being considered by the ARP Joint Committee may be referred by the Co-Chairs for independent facilitation.
- 8.2. Where a matter is referred for independent facilitation:

- a. A sub-committee of the ARP Joint Committee may be established as required, with at least one Mana Whenua Member and at least one member from each Partner Council
 - b. The subcommittee shall identify and assess candidates to undertake the facilitation, and develop recommendations to the Joint Committee to appoint a preferred candidate.
 - c. The ARP Joint Committee shall receive and consider the subcommittee's recommendation and confirm an appointment.
 - d. The appointment may be made for a set duration (e.g. for 12 months) or on a task specific basis.
- 8.3. The role of independent facilitator is to assist the ARP Joint Committee to consider, debate and reach resolution on specified matters.
- 8.4. The independent facilitator shall act in every respect as an independent and neutral third party and shall have no voting or decision-making functions.

9. Te whakatakoto pūrongo
Reporting

- 9.1. All reports to the ARP Joint Committee shall be presented via the nominated Technical Advisory Group representative or from the ARP Joint Committee Co-Chairs.
- 9.2. Following each meeting of the ARP Joint Committee, the project manager shall prepare a brief summary report of the business of the meeting and circulate that report, for information to each Member. Such reports will be in addition to any formal minutes prepared by the Administering Authority which will be circulated to ARP Joint Committee representatives. It is the role of the Joint Committee Members to champion these reports within their respective Partner organisations.
- 9.3. The Technical Advisory Group shall ensure that the summary report required by 16.2 is also provided to each Partner Council for inclusion in the agenda for the next available Council meeting, and to Mana Whenua representatives for inclusion for the next available MAT Board meeting. A Technical Advisory Group Member shall attend the relevant Council meeting to speak to the summary report if requested and respond to any questions, and will also be available to attend the MAT Board meeting at their request.
- 9.4. The Technical Advisory Group must include a cultural advisor appointed by Mana Ahuriri Trust, and must be an integral member of the Technical Advisory Group

ORDER OF BUSINESS

Karakia

Apologies

Nil

Conflicts of interest

Announcements by the Chairperson including notification of minor matters not on the agenda

Note: re minor matters only - refer LGOIMA s46A(7A) and Standing Orders s9.13

A meeting may discuss an item that is not on the agenda only if it is a minor matter relating to the general business of the meeting and the Chairperson explains at the beginning of the public part of the meeting that the item will be discussed. However, the meeting may not make a resolution, decision or recommendation about the item, except to refer it to a subsequent meeting for further discussion.

Announcements by the management

Confirmation of minutes

Agenda items

- 1 Appointment of Chair and Deputy Chair7
- 2 Ahuriri Regional Park - Project Update8

Minor matters not on the agenda – discussion (if any)

AGENDA ITEMS

1. APPOINTMENT OF CHAIR AND DEPUTY CHAIR

<i>Type of Report:</i>	Procedural
<i>Legal Reference:</i>	Local Government Act 2002
<i>Document ID:</i>	1897512
<i>Reporting Officer/s & Unit:</i>	Phillipa Tocker, Strategic Project Lead

1.0 Executive Summary - Te Kaupapa me te Whakarāpopototanga:

1.1 The purpose of this report is to appoint a Chair and Deputy Chair for the Ahuriri Regional Park Joint Committee in line with the existing Terms of Reference for the 2025-2028 triennium.

2.0 Officer's Recommendation

Ahuriri Regional Park Joint Committee:

- a) **Receive** the report titled Appointment of Chair and Deputy Chair dated 16 March 2026.
- b) **Approve** (name) be appointed as Chair of the Ahuriri Regional Park Joint Committee for the 2025-2028 triennium.
- c) **Approve** (name) be appointed as Deputy Chair of the Ahuriri Regional Park Joint Committee for the 2025-2028 triennium.

3.0 Background Summary

- 3.1 The Executive Director Strategy and Urban Development, Rachael Bailey will assume the Chair at the commencement of the meeting and call for nominations for the position of Chair of the Ahuriri Regional Park Joint Committee.
- 3.2 The newly appointed Chair will then assume the Chair of the meeting and call for nominations for the position of Deputy Chair.

4.0 Attachments

Nil

2. AHURIRI REGIONAL PARK - PROJECT UPDATE

Type of Report: Information

Legal Reference: N/A

Document ID: 1901269

Reporting Officer/s & Unit: Phillipa Tocker, Strategic Project Lead

1.0 Executive Summary - Te Kaupapa me te Whakarāpopototanga:

1.1 This report is to provide context and update the Committee on current status of the project.

2.0 Officer's Recommendation

The Ahuriri Regional Park Joint Committee:

- a) **Receive** the memo titled Ahuriri Regional Park - Project Update and Lagoon Farm Stormwater Briefing dated 2 March 2026. (Doc Id 1901325)
- b) **Receive** the presentation titled Lagoon Farm Stormwater Diversion and Ahuriri Regional Park (Doc Id 1901325) to Napier City Council elected members (dated 15 December 21025).
- c) **Note** that investigations are in progress on bird strike risk and land treatment approach to inform design and costings for Lagoon Farm stormwater treatment.
- d) **Provide guidance** on any considerations that may inform project activity or priorities.

In June-August 2025 the Ahuriri Regional Park Masterplan was endorsed by this Committee and adopted by Napier City Council (NCC) and Hawke's Bay Regional Council (HBRC).

With changes in elected members following the October 2025 local government elections, there has been change in membership of this Joint Committee and Partner Councils. The attached memo was prepared for information for NCC Mayor McGrath as a summary of current project status.

Recent activity undertaken by the NCC project team has been to progress technical investigations to inform stormwater treatment options. These investigations are not yet complete.

The NCC project team will be seeking guidance on priorities for progressing the Masterplan through this Committee, Partner Councils and the Long Term Plan process.

3.0 Attachments

- 1 [↓](#) Memo to Mayor Ahuriri Regional Park - Project Update and Lagoon Farm Stormwater - 2 March 2026 Doc Id: 1901324
- 2 [↓](#) Lagoon Farm Stormwater Diversion and Ahuriri Regional Park Presentation of 15 December 2025 Doc Id: 1901325

Memo



To:	Mayor McGrath		
Cc:	Rachael Bailey, Russell Bond		
Date:	2 March 2026	File Ref:	[File Number]
Subject:	AHURIRI REGIONAL PARK & LAGOON FARM STORMWATER		

Background

Ahuriri Regional Park (ARP) is a project established as a complement to the Lagoon Farm Stormwater Diversion project, to work towards restoring the health and wellbeing of the Ahuriri Estuary and create a recreational and cultural amenity.

Approximately 70% of Napier City's stormwater is discharged into the Ahuriri Estuary. NCC's 2020 Stormwater Master Plan identified Lagoon Farm as a site to divert stormwater and reduce upstream flooding.

As part of the Ahuriri Hapu Claims Settlement Act 2021 Te Komiti o Te Muriwai o Te Whanga was established. Its purpose is to promote the protection and enhancement of Te Whanga for present and future generations. NCC with the other Te Komiti partners, HBRC, DoC and Mana Ahuriri Trust (MAT) are committed to work towards enhancing Te Whanganui-a-Orotū (Ahuriri Estuary). The 'Te Muriwai o Te Whanga Plan' (TMTWP) was published in 2024. The Act requires TLAs to give regard to the Plan in planning documents and resource consents, conservation matters, and decisions under the Local Government Act 2002. There is also a duty under the Resource Management Act that all our environmental decisions must have regard to TMTWP.

In 2021 stormwater discharge Resource Consents were issued jointly to NCC and HBRC for Pūrimu Stream and Lagoon Farm which included legally binding consent conditions requiring staged improvements to stormwater treatment over the period to 2040. This improvement was to be a collaborative endeavour between NCC and HBRC working closely with partners MAT and Te Komiti.

In 2022 a Joint Committee under clause 30(1)(b) of Schedule 7 of the Local Government Act 2002 was established between NCC and HBRC to partner on the development of the ARP. This Committee includes MAT as representative partner from mana whenua.

The Joint Committee oversaw development of the ARP Masterplan which was completed in 2025.

Refer timeline Appendix 1.

Current project status: Ahuriri Regional Park Masterplan

The ARP Masterplan was developed with extensive public consultation, stakeholder and technical input. Its key goal is improving the health of Te Whanganui-a-Orotū by cleansing stormwater as it flows through the park into the estuary. The Masterplan presents a staged development pathway for the NCC-owned 284-hectare Lagoon Farm site that places water quality, environmental restoration, and biodiversity at its core.

Stage 1 comprises the 'core programmes' including the Lagoon Farm Treatment Wetlands and earthworks for naturalisation of existing drain channel, and plant nursery and planting. Stage 2 develops the planting and natural environment, incorporating recreation and education elements. Stage 3 explores potential opportunities such as research, education and commercial activities. Refer stage outline Appendix 3.

In June 2025 the Joint Committee endorsed the ARP Masterplan and recommended it to partner Councils and MAT to adopt. The JC also resolved to:

215 Hastings Street, Napier 4110
Private Bag 6010, Napier 4142
www.napier.govt.nz

t +64 6 835 7579
e info@napier.govt.nz

2

- “b Direct officers to progress a detailed phasing plan to provide a greater level of certainty of timeframes and resources required for the works programme of each phase.
- c Direct officers to prepare an information pack to partner councils prior to the next Long Term Plan development (April 2026) which provides details on the programme of works, budget required for each project, and procurement processes.”

In July 2025 Council adopted the Ahuriri Regional Park Masterplan as “a long-term vision to restore the health of Te Whanganui-ā-Orotū by cleansing stormwater, revitalising native ecosystems and mahinga kai, and creating space for nature, recreation, culture, learning, and community to thrive”.

In August 2025 HBRC also adopted the ARP Masterplan.

Refer Appendix 4 for full wording of decisions.

NCC is the lead Council for operational project development. Since adoption of the Masterplan, work has comprised:

- Preliminary work with technical consultant on land classification and funding options looking to minimise the impact on rate payer funding;
- Avifauna management: bird strike technical report commissioned as first step towards management plan. Report received, currently under peer review;
- Stormwater diversion and treatment: minor and geotechnical investigations commissioned to inform concept design for stormwater management plan.

What is NCC committed to for ARP?

- Partnership with Māori on significant projects, including three waters, both in terms of Council-level projects such as stormwater treatment in Te Whanganui-a-Orotū (Ahuriri Estuary).
- NCC LTP 2024-2027 includes ARP \$13.2m (shared funding with HBRC, which has deferred its previously budgeted \$10m to post 2027).
- Current activity relating to ARP concept plan development – technical reports as above.
- ARP Joint Committee meeting 16 March 2026 to consider technical reports and next steps.

Lagoon Farm Stormwater

The 2020 Stormwater Master Plan identified stormwater diversion into Lagoon Farm to create 450,000m³ of stormwater capacity to reduce levels in Pūrimu Drain and reduce upstream flooding. The Georges Drain to Pūrimu diversion could then provide relief to reduce flooding upstream of Georges Drain. The Concept uses the low-lying areas in Lagoon Farm for stormwater storage to reduce upstream flooding.

As part of Te Muriwai o Te Whanga, Napier City Council committed to improving the health of the estuary and HBRC Stormwater discharge consent requires NCC to investigate treatment options. The Lagoon Farm Stormwater diversion project was seen as providing a possible dual role of storing and end-of-line treatment of stormwater run-off. End of line treatment; however, is only part of the required solution and treatment solutions closer to the source will also be required to restore the health of Te Whanganui-a-Orotū.

There are currently two main issues to be resolved with using Lagoon Farm for stormwater treatment:

3

- Management of bird strike risk with aircraft – the current design does not reduce this risk to Hawke's Bay Airport and will need to be revisited based on the current avian report;
- Significant costs with land treatments to make the area viable for a treatment facility. Initial geotechnical investigations are indicating that the site is more permeable than desired to correctly function as a treatment wetland, options to correct this need to be explored.

Implications of these issues will require revisiting the ARP Masterplan design to ensure that the stormwater treatment facilities can be designed to be effective at improving water quality.

Stormwater Discharge Consent – AUTH-123310-01

The HBRC Stormwater Discharge Resource Consent AUTH-123310-01 issued jointly to NCC and HBRC expires on 31 May 2040.

The consent is a 'roadmap' style, requiring three main steps to be worked through sequentially to achieve stormwater quality improvements. There is a stormwater monitoring strategy that runs throughout the consent to monitor the impact of the initiatives and ensure Council has the relevant data to feed into the next stage.

1. Environmental Management Plans (EMPs) for high-risk sites in the Onekawa Industrial area were identified as the first quality initiative. These have been in progress since 2022, and Council continues to identify and with high-risk sites to improve their environmental management.
2. 'In-stream' treatment is the next water quality initiative:
 - a. The consent requires Council to prepare an In-stream Treatment Feasibility study, which details the options available for treating stormwater in-stream / in-catchment. This will be prepared based on data collected in the first few years of the consent. The report will outline the advantages and disadvantages of different options and propose a work programme for implementation of the recommended options. This is due with HBRC in approximately 12 months.
 - b. We are in the process of engaging PDP to undertake the feasibility study. We have also undertaken some work previously looking at the drainage reserves throughout the catchment and identifying areas where there may be space to install treatment initiatives.
 - c. Following the feasibility study, Council will work with stakeholders to prepare an 'In-Stream Stormwater Improvement Plan' which confirms the options and programme outlined in the initial study. This is due 18 months after the feasibility study is submitted.
3. End of line treatment is the next step:
 - a. An end of line treatment feasibility study needs to be prepared, based on the contaminants that remain in the stormwater following the implementation of EMPs and in-stream initiatives. This also needs to explore treatment options and identify a high-level work programme. This is due 3 years after the in-stream stormwater improvement plan is lodged.
 - b. An end of line stormwater improvement plan will then be created, in consultation with stakeholders, which confirms the options to be implemented and a timeline.

The Lagoon Farm treatment proposal is an end-of-line treatment which is the last step required by the resource consent and Council has a significant amount of work to complete step 2 – In stream treatment.

4

Next steps

Lagoon Farm Treatment/ARP Stage 1 issues

Complete reviews and investigations of the bird strike risk and land treatment approach, which are needed to inform design and costings for Lagoon Farm stormwater treatment.

ARP Masterplan development

ARP Joint Committee provides governance and direction as key milestones, and decision points are reached. The geotechnical investigations and aviation assessments will inform this process. The Joint Committee will refer back to partners for funding decisions.

Phillipa Tocker

STRATEGIC PROJECT LEAD

Steve Moratti

HEAD OF STRATEGY & INVESTMENTS, WATER SERVICES

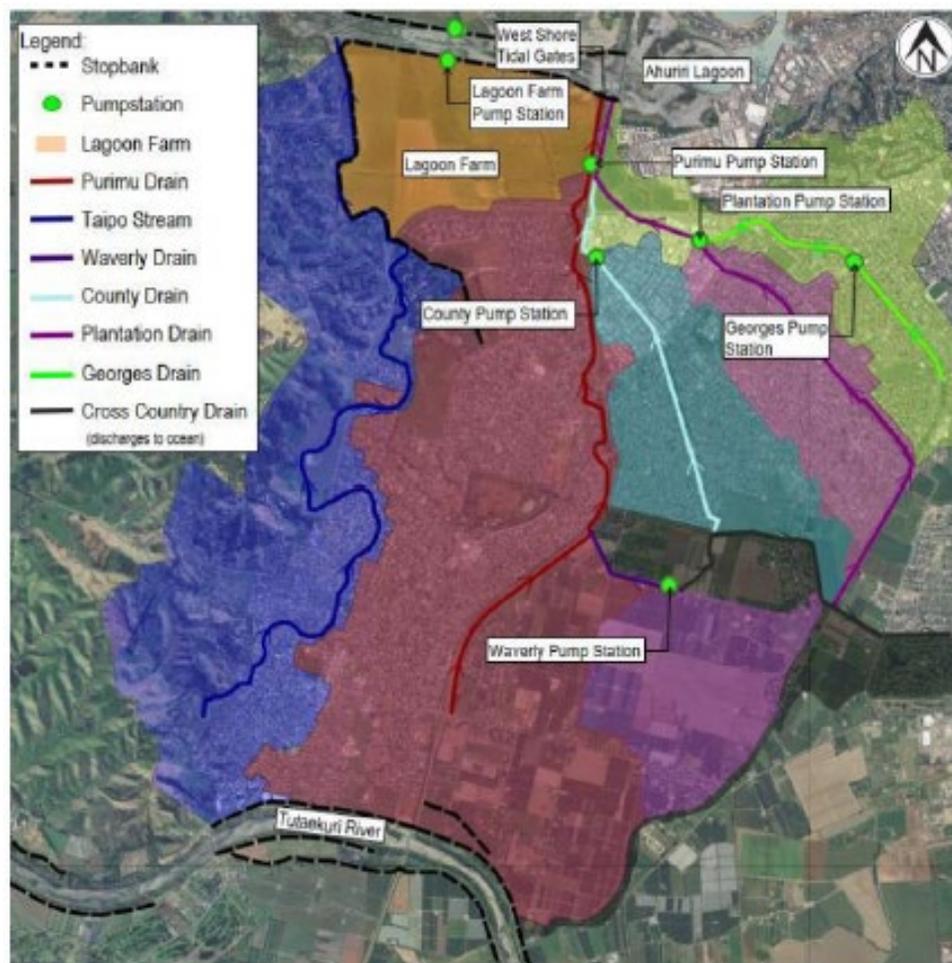
Appendix 1: Timeline

	Ahuriri Regional Park	Stormwater	Reports/Plans	Wider context
2018			Ahuriri Estuary & Coastal Edge Masterplan (NCC)	
2019				Council elections
2020			May: Lagoon Farm Strategy for Future Land Use NCC Stormwater Master Plan (Sep)	
2021	NCC resolves to develop ARP with HBRC, commits \$12.5m in 2021-2031 LTP. HBRC resolves to develop ARP with NCC, commits \$1.2m in 2023-2024 and \$9m over 2024-2031	HBRC/NCC Resource Consents issued requiring collaborative staged improvements to stormwater treatment through to expiry on 31 May 2040.		Ahuriri Hāpu Claims Settlement Act 2021 (signed 2022). Government 'Three Waters' reform announced.
2022	Ahuriri Regional Park Joint Committee established comprising NCC and HBRC, with Mana Ahuriri Trust as mana whenua partner (Dec).	Environment Management Plans for high risk sites begun		Te Komiti Muriwai o Te Whanga starts work on Te Muriwai o Te Whanga Plan. Council elections – Mayor re-elected.
Feb 2023	CYCLONE GABRIELLE			
2023	Beca present Lagoon Farm - Stormwater Quality and Flooding Options Report (May)	SW preferred option 2c: maximum water quality treatment footprint	Stormwater Quality & Flooding Options (Dec)	Joint lobbying against 'Three Waters' by all HB councils (and other councils). Government amends water reform National/NZ First/ACT coalition government (Nov).
2024	Technical Advisory Group (TAG) formed: multidisciplinary expertise in ecology, mātauranga Māori, flood protection, avifauna, parks, and planning from across the partner organisations, along with representatives from the Department of Conservation and Hawke's Bay Airport Limited. (mid 2024-mid 2025)	Stormwater monitoring period	Te Muriwai o Te Whanga Plan: a vision for Te Whanganui-A-Orutu (Ahuriri Estuary) (Jun)	Government replaces previous water reform with 'Local Water Done Well' requiring councils to develop Regional Water Services Delivery Plans by 1 Sep 2025. HBRC defers its ARP development funding to post 2024-2027 Plan period (continues contribution to project management).

6

2025	<p>ARP Masterplan – public consultation and targeted stakeholder engagement on development.(Apr-May)</p> <p>ARP Masterplan endorsed by ARP Joint Committee (Jun).</p> <p>ARP Masterplan adopted by NCC (Jul).</p> <p>ARP Masterplan adopted by HBRC (Aug).</p> <p>ARP Masterplan presented to Te Komiti (Dec).</p>	Stormwater monitoring period	ARP Masterplan (as adopted) Lagoon Farm Stormwater Treatment & Diversion (Dec) – updates to NCC Councillors on ARPJC and Te Komiti	<p>NCC, HDC and CHBDC agree to form a regional council-controlled water services organisation to come into effect from 1 Jul 2026 (operational from 1 Jul 2027)</p> <p>NCC restructure including separation of Water Services in anticipation of new regional Water Services CCO (Oct).</p> <p>Council elections (Oct).</p>
2026	<p>ARP Joint Committee meeting 16/03</p> <p>New membership:</p> <ul style="list-style-type: none"> - NCC: Crs Isaac-Sharland, Simpson (alt Morley) - HBRC: Crs McIlroy, Parsons (alt Kirton) - MAT: Peter Eden, Joseph Reti, Parris Greening, Evelyn Ratima 			
2027		In-stream Treatment Feasibility Study (due February 2027)		
2028		In-Stream Stormwater Improvement Plan (due August 2028)		
2031		End of line Treatment Feasibility Study (due August 2031)		
2032		End of line Stormwater Improvement Plan development (due February 2033)		
2033-40		Lagoon Farm Treatment implementation Independent Review Report (due August 2038)		
2040	Lagoon Farm Resource Consent expires 31 May 2040			

Appendix 2: Ahuriri Estuary – Stormwater Catchments and Drains



Catchment	Area (ha)	% Area (ha)
Taipo	1,100	25%
Lagoon Farm	311	7%
Purimu	1,454	34%
County	367	9%
Waverley	305	7%
Plantation	290	7%
Georges (OTRB)	489	11%
Total	4,316	100%
Total (excluding Taipo & Lagoon Farm)	2,905	67%

Appendix 3: ARP Masterplan staging

Masterplan Staging

CORE REGIONAL PARK PROGRAMMES

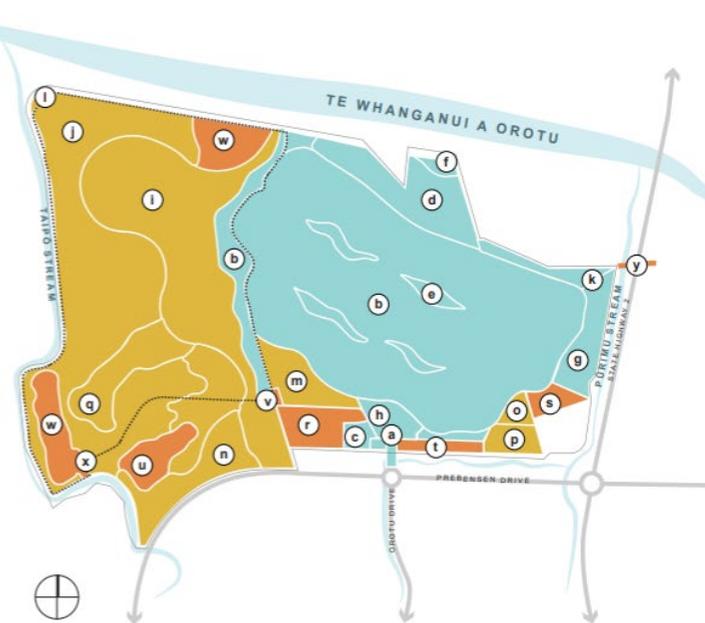
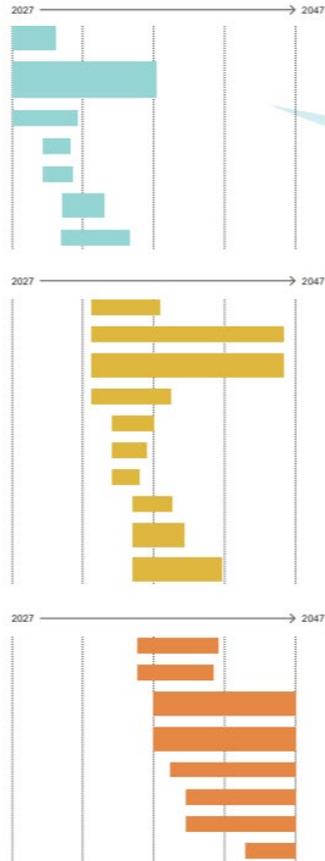
- (a) Ahuriri Regional Park Waharoa | Entrance
- (b) Lagoon Farm Treatment Wetlands and earthworks for naturalisation of existing drain channel
- (c) Plant Nursery for on-site use
- (d) Manuka and Plantation
- (e) Creation of Island nodes
- (f) South Marsh & Pump station Waka Landing and Viewpoints
- (g) Community Foraging Zone and Trails

STAGE 2 PROGRAMMES

- (h) Ahuriri Regional Park Visitor Hub
- (i) Regenerating Native Wetland
- (j) Te Wao Nui | Regenerating Forest and Shrubland
- (k) Trails and Cycleways
- (l) Taipō Viewpoint and Waka/ Kayak landing
- (m) Discovery/ Learning Sculptural Park
- (n) Pa Harakeke flax collection
- (o) Flexible use Amphitheatre Space
- (p) Woolshed Multi-use Community Events Centre
- (q) Regional Park Eco Camp - short stay guests

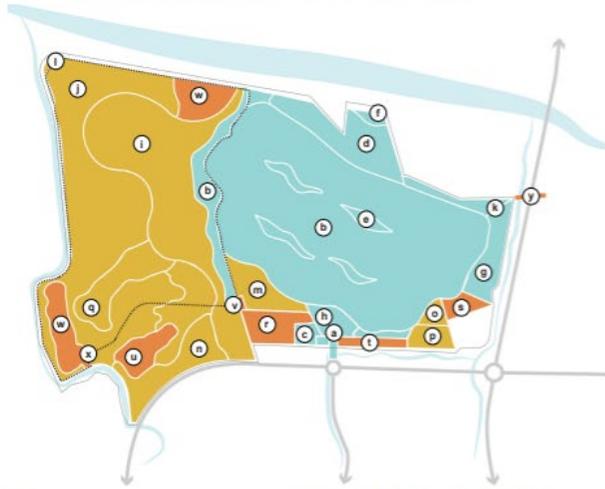
STAGE 3 POTENTIAL OPPORTUNITIES

- (r) Expansion to Plant Nursery
- (s) Expansion of Recreational Area
- (t) Complementary Commercial-use Development
- (u) Whare Wānanga | House of Learning multi-use facility
- (v) Predator Proof Fence/ Eco-Sanctuary Hub
- (w) Fresh and Saltwater Research Ponds
- (x) Learning & Research Hub
- (y) Te Whanganui-a-Orotu Landmark Bridge



Ahuriri Regional Park Masterplan | Aipithanga | Appendices | Te mahere taonga o te whanga | Framework 56

Masterplan program and outcomes



Key

- Core Regional Park Programmes
 - Stage 2 Regional Park Programmes
 - Stage 3 - Non funded potential Future partnership opportunities
-
- Te Whanga Taurikura
Environmental Wellbeing
 - Te Whanga Ahuwhenua
Activation & Cultivation
 - Te Whanga Ōhanga
Economic Prosperity
 - Te Whanga Tangata
Healthy Communities
 - Resilient Water Infrastructure

Core Regional Park Programmes

KEY	PROGRAM	AREA/UNIT	PROJECT PRINCIPLES
a	Ahuriri Regional Park Waharoa Entrance	0.5 Ha	
b	Lagoon Farm Treatment Wetlands and earthworks for naturalisation of existing drain channel	85 Ha	
c	Plant Nursery for on-site use	3.5 Ha	
d	Manuka and Plantation	20 Ha	
e	Creation of Island nodes	2 Ha	
f	South Marsh & Pump station Waka Landing and Viewpoints	0.6 Ha	
g	Community Foraging Zone and Trails	5 Ha	

Stage 2 Regional Park Programmes

KEY	PROGRAM	AREA/UNIT	PROJECT PRINCIPLES
h	Ahuriri Regional Park Visitor Hub Area	2.5 Ha	
i	Regenerating Native Wetland	43 Ha	
j	Te Wao Nui Regenerating Forest and Shrubland	64 Ha	
k	Trails and Cycleways	10 675 Lm	
l	Taipō Viewpoint and Waka/ Kayak landing	0.1 Ha	
m	Discovery/ Learning Sculptural Park	5.5 Ha	
n	Pa Harakeke flax collection	3.5 Ha	
o	Flexible use Amphitheatre Space	0.7 Ha	
p	Woolshed Multi-use Community Events Centre	2 Ha	
q	Regional Park Eco Camp - short stay guests	8 Ha	

Stage 3 Potential opportunities

KEY	PROGRAM	AREA/UNIT	PROJECT PRINCIPLES
r	Expansion to Plant Nursery	2 Ha	
s	Expansion of Recreational Area	1.5 Ha	
t	Complementary Commercial-use Development	1.6 Ha	
u	Whare Wānanga/ House of Learning multi-use facility	1.7 Ha	
v	Predator Proof Fence/ Eco-Sanctuary Hub (110 Ha)	5000 Lm	
w	Fresh and Saltwater Research Ponds	8.4 Ha	
x	Learning & Research Hub	0.4 Ha	
y	Te Whanganui-a-Orotu Landmark Bridge	x1	

Appendix 4: ARP Masterplan approvals

<p>ARP Joint Council 9 Jun 2025</p>	<p>Endorsed the Ahuriri Regional Park Masterplan.</p> <p>Directed officers to progress a detailed phasing plan to provide a greater level of certainty of timeframes and resources required for the works programme of each phase.</p> <p>Directed officers to prepare an information pack to partner councils prior to the next Long Term Plan development (April 2026) which provides details on the programme of works, budget required for each project, and procurement processes.</p> <p>Recommended to partner Councils and Mana Ahuriri Trust to Adopt the Masterplan, to note the phasing plan including detailed costing stages, to continue commitment to high level funding placeholders in each respective councils Long Term Plan budgets prior to end of August 2025.</p>
<p>Napier City Council 31 Jul 2025</p>	<p>Adopted Ahuriri Regional Park Masterplan</p> <p>Noted that adoption of the masterplan does not commit Council to implementation funding. Placeholder funding has been signalled in the Long-Term Plan from 2028, but this will be subject to future budget decisions.</p>
<p>HBRC 27 Aug 2025</p>	<p>Received and adopted the Masterplan, noting that the adoption of the Masterplan does not commit Council to funding implementation. Placeholder funding has been signalled in the Long-Term Plan, in 2028, but this will be subject to future budget decisions.</p> <p>Requested that a report be out to Council to consider funding provisions to support the first stage of Ahuriri Regional Park implementation ahead of the 2027 LTP.</p> <p>Agreed that the decisions to be made are not significant under the criteria contained in Council's adopted Significance and Engagement Policy, and that Council can exercise its discretion and make decisions on this issue without conferring directly with the community or persons likely to have an interest in the decision.</p>

Appendix 5: Additional information

2018 Estuary Masterplan [Ahuriri-Estuary-Masterplan-Final-10-August-2018](#)

2023 (Beca) [Lagoon Farm - Stormwater Quality and Flooding Options Report.pdf](#)

2024 Te Muriwai o Te Whanga Plan: a vision for Te Whanganui-A-Orutu (Ahuriri Estuary) [The Plan | Te Muriwai o Te Whanga](#)

2025 Ahuriri Regional Park Masterplan (also on public website) [ARP Masterplan - Final - July 2025 - For Printing.pdf](#)

Water reform 2016-2025 – Hawke’s Bay region [The water journey to date | Hawke's Bay Water](#)

NCC public website: <https://www.napier.govt.nz/napier/projects/ahuriri-regional-park/>

Napier Three Year Plan 2024-27 Vol 1 (pp78 and 104) [NCC-3YP-Volume1of2.pdf](#)



Lagoon Farm Stormwater Diversion and Treatment Update

for

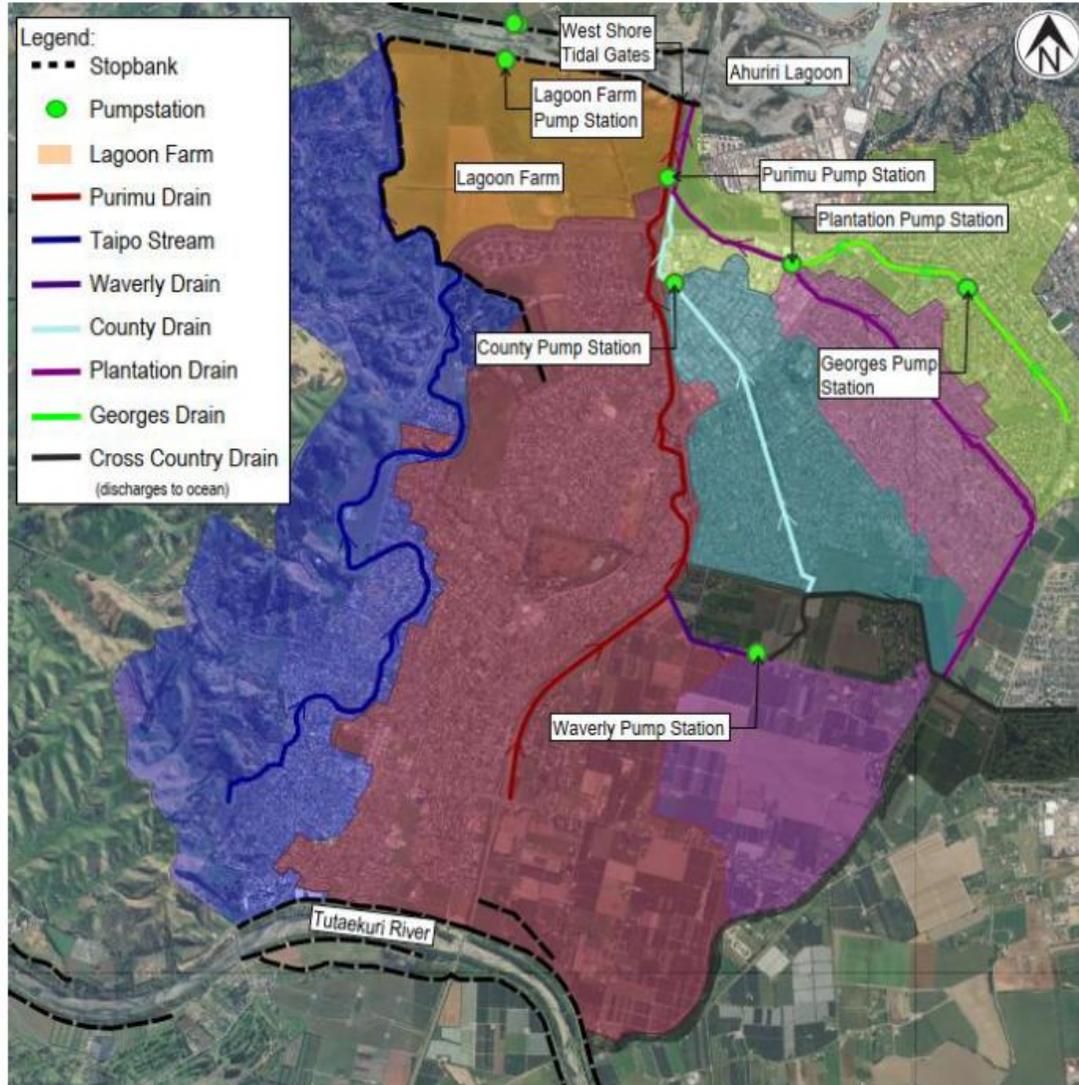
NCC Councillor

15 Dec 2025



NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri

Ahuriri Estuary – Stormwater Catchments and Drains

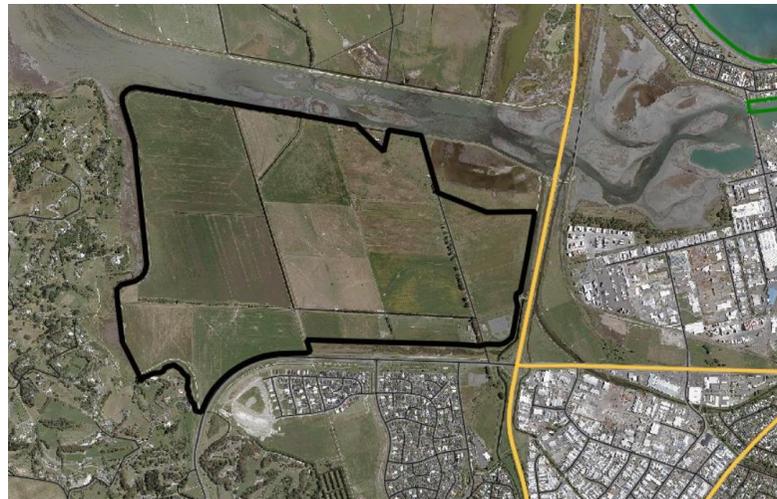


Catchment	Area (ha)	% Area (ha)
Taipo	1,100	25%
Lagoon Farm	311	7%
Pūrimu	1,454	34%
County	367	9%
Waverley	305	7%
Plantation	290	7%
Georges (OTRB)	489	11%
Total	4,316	100%
Total (excluding Taipo & Lagoon Farm)	2,905	67%



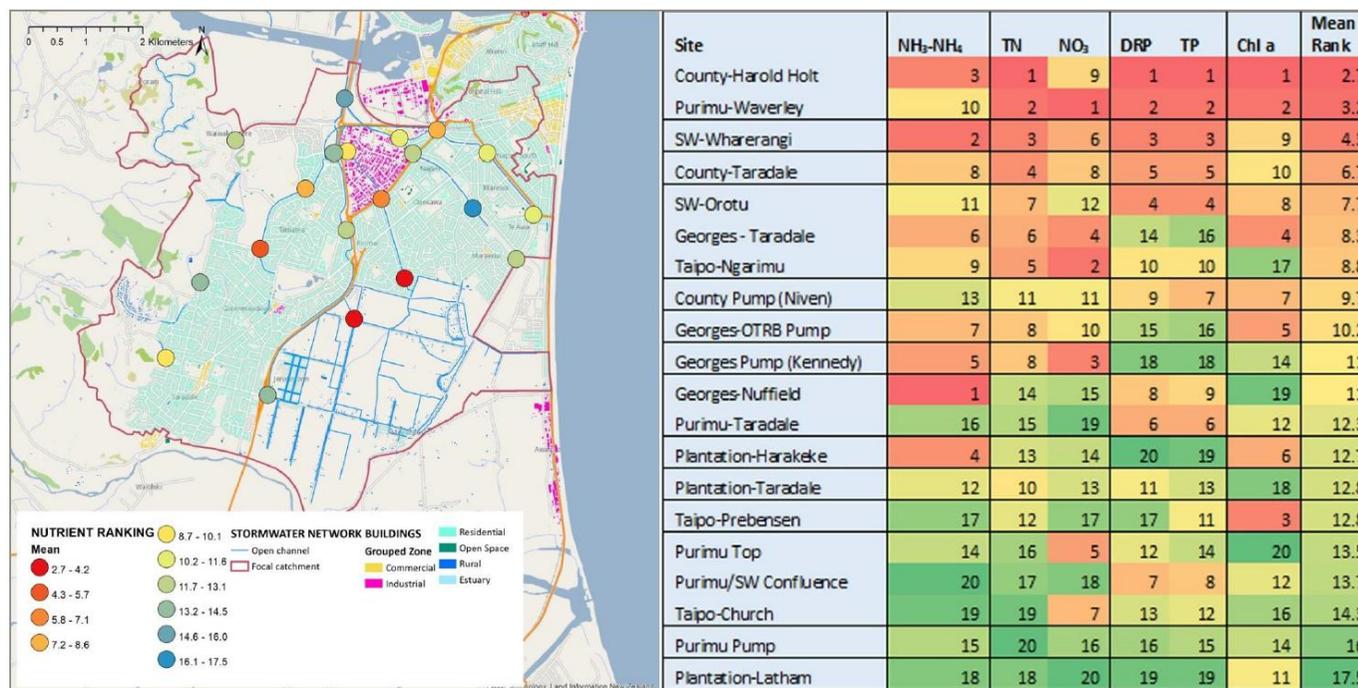
Lagoon Farm – Drivers

- Stormwater treatment
 - Improve the quality of stormwater discharged from the Napier urban area to the Estuary.
 - Provide 'End-of-line' Treatment required by NCC and HBRC SW Discharge Consent (AUTH-123310-01, 2021-2040, Condition 24).
- Flood mitigation
 - Improve resilience of the stormwater network.
- Coordination with wider Ahuriri Regional Park (ARP)



Water Quality Monitoring

Figure 24: Rankings of median total ammoniacal-N (NH₃-NH₄-N), total nitrogen (TN), nitrate-N (NO₃), dissolved reactive phosphorus (DRP), total phosphorus (TP) and chlorophyll a (Chl a) concentrations from highest (red) to lowest (green/blue).



- Monthly monitoring from **Purimu** (upstream of pump station, adjacent to Lagoon Farm):
 - **Regular exceedances of ANZECC guidelines** for Dissolved Oxygen, Total Suspended Solids, Total Zinc, Total Nitrogen, Total Ammoniacal N, Dissolved Reactive Phosphorus, Total Phosphorus.
 - Occasional exceedances of Nitrate, Chlorophyll a, Faecal coliforms, eColi, dissolved zinc
- Monthly monitoring from **other waterways** that would contribute to the OTRB wetland show similar results.
- Wet weather monitoring undertaken in catchment – site downstream of Purimu pump station shows exceedances of Total Suspended Solids, Total Nitrogen, Total Ammoniacal-N, Dissolved and Total Zinc, Dissolved and Total Copper, Enterococci, e coli, Faecal Coliforms.



NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri

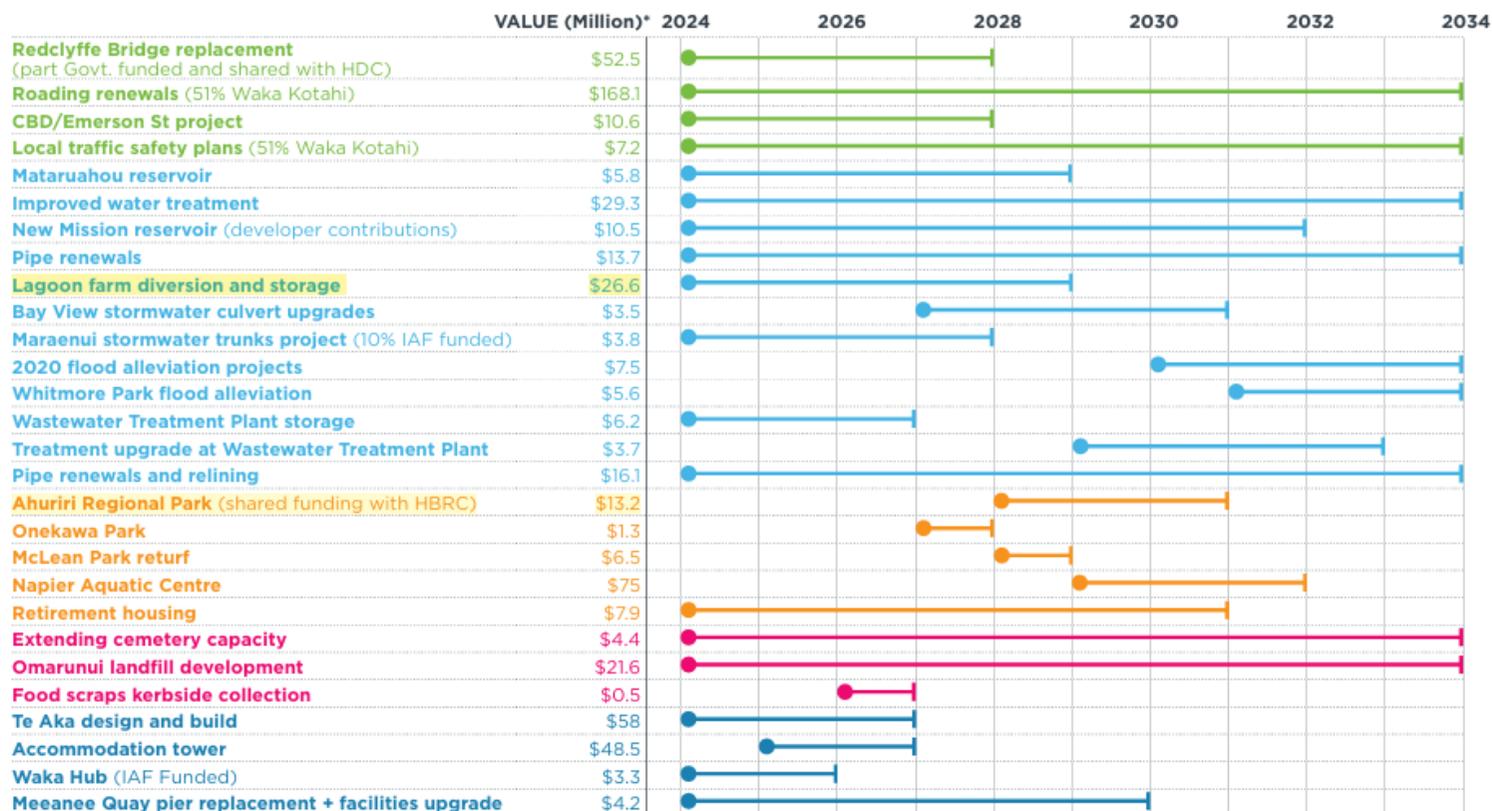
Timeline – Lagoon Farm

- Ahuriri Estuary & Coastal Edge Masterplan – Jul 2018
 - 1A. Stormwater Treatment Wetland
- Lagoon Farm Strategy for Future Land Use – May 2020
- Napier City Stormwater Masterplan – Sep 2020
- Stormwater Quality and Flooding Options – Dec 2023
- Te Muriwai o Te Whanga – Jun 2024
- Concept Design
 - Basis of Design and Constraints Report, Sep 2024
 - Optioneering – Apr 2025
 - **Concept Design of Preferred Option – Aug 2025**
- Preliminary Design – Feb 2026
- Detailed Design – Jun 2026

Budget

Significant infrastructure projects over next 10 years

Significant projects related to our infrastructure (physical assets), their cost and approximate timing when they will be undertaken.

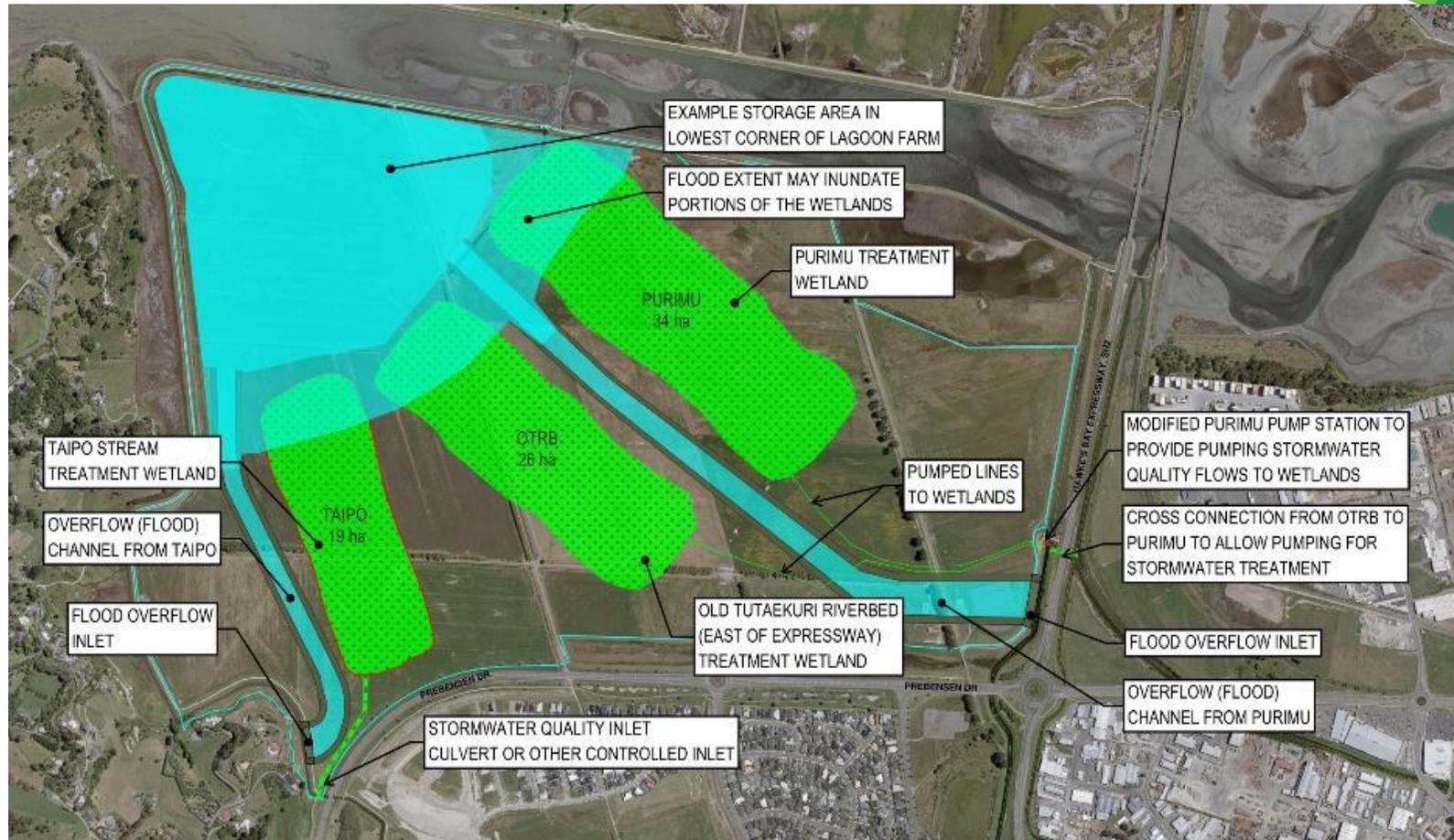


* rounded to nearest \$100,000

Napier City Council - Three-Year Plan 2024-27



Stormwater Quality and Flooding – Options 2023

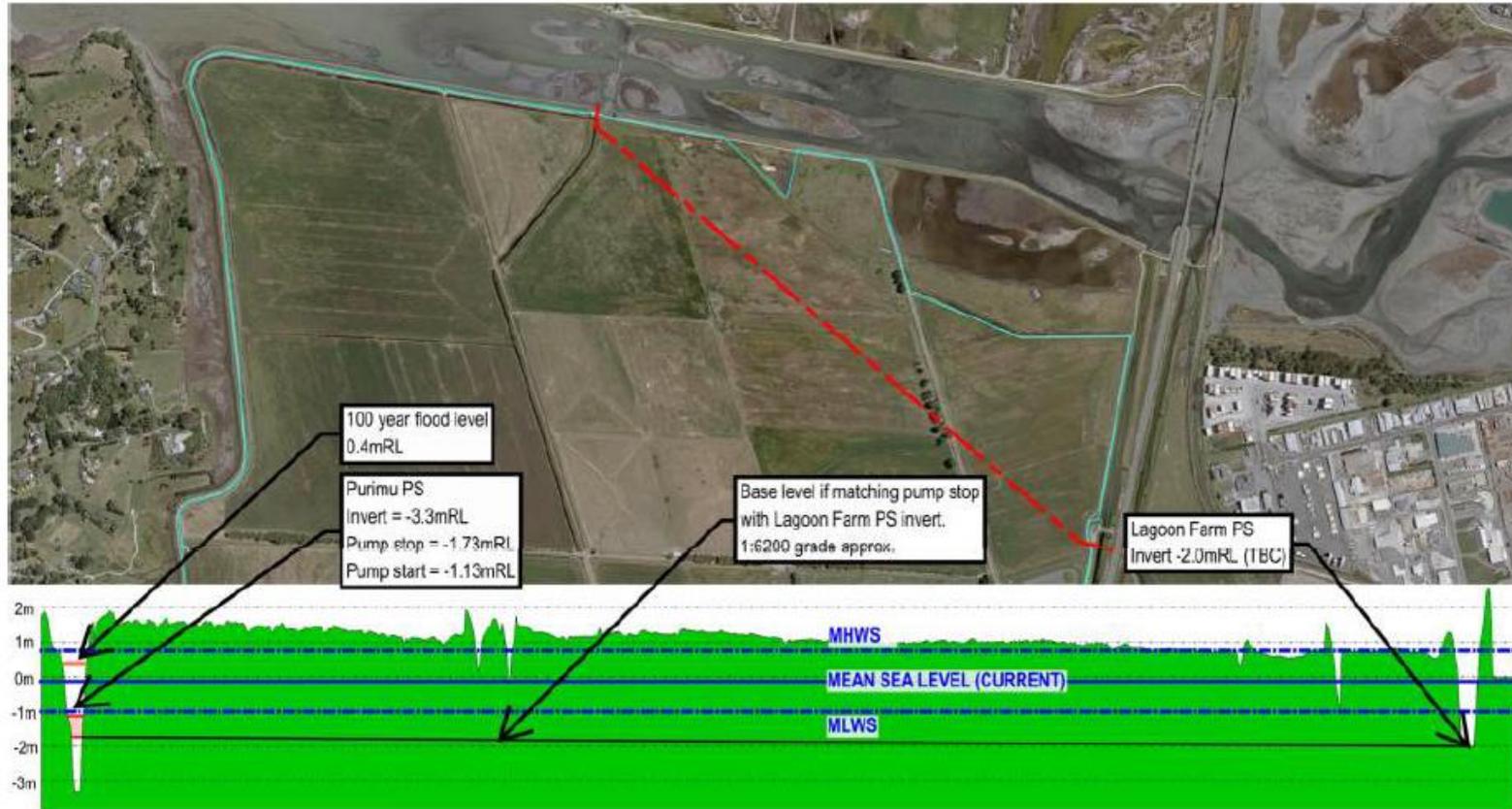


Recommended balanced option. Indicative only with light blue indicates less frequently inundated areas.

Initial optioneering (Lagoon Farm - Stormwater Quality and Flooding Options Report, 8 Dec 2023):

- **Wetlands recommended for treatment**, with flood storage at the lower area of the farm.
- **Pump stormwater** quality flows to lift water for treatment.
- **Flood overflows** into Lagoon Farm.
- Taipo Stream is higher than Lagoon farm (2.6 m higher than bed of the Purimu) so risk of backflowing up Purimu and worsening flooding. Exclude from project.

Stormwater Quality and Flooding – Options 2023



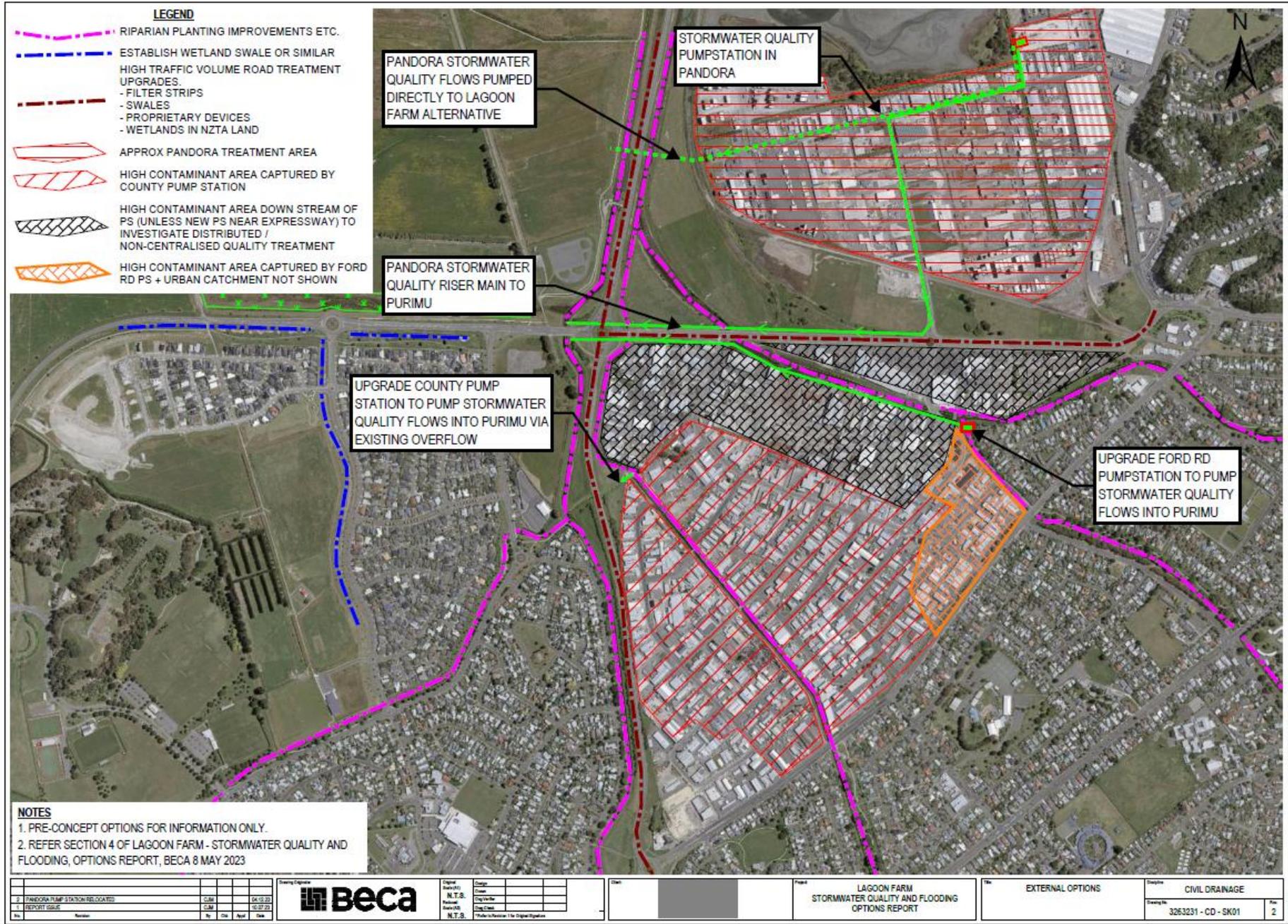
Level difference from Purimu to Lagoon Farm pump station.

Next steps:

- **Complete stormwater modelling** to refine operating levels, optimise operation and storage required.
- **Complete groundwater monitoring** to confirm levels and potentially interaction with flood storage and wetlands.
- **Review modelling outputs and groundwater information** against options for treatment and storage as well as inlets and outlets.
- **Select a preferred option** and review against wider objectives and proceed to the next stage.

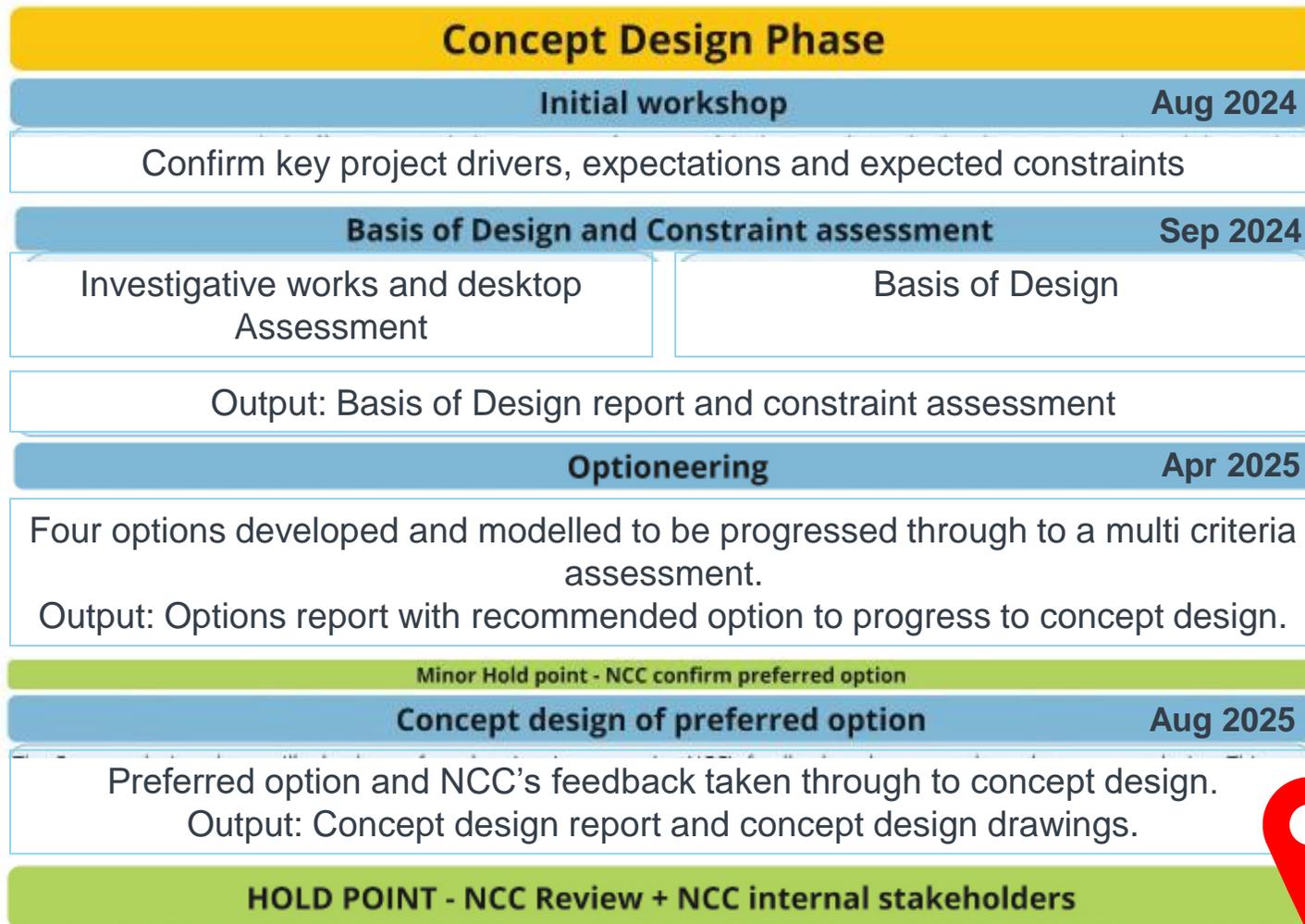


NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri



Lagoon Farm - Stormwater Quality and Flooding Options Report, 8 Dec 2023 - External Options

Concept Design



Concept Design – Optioneering

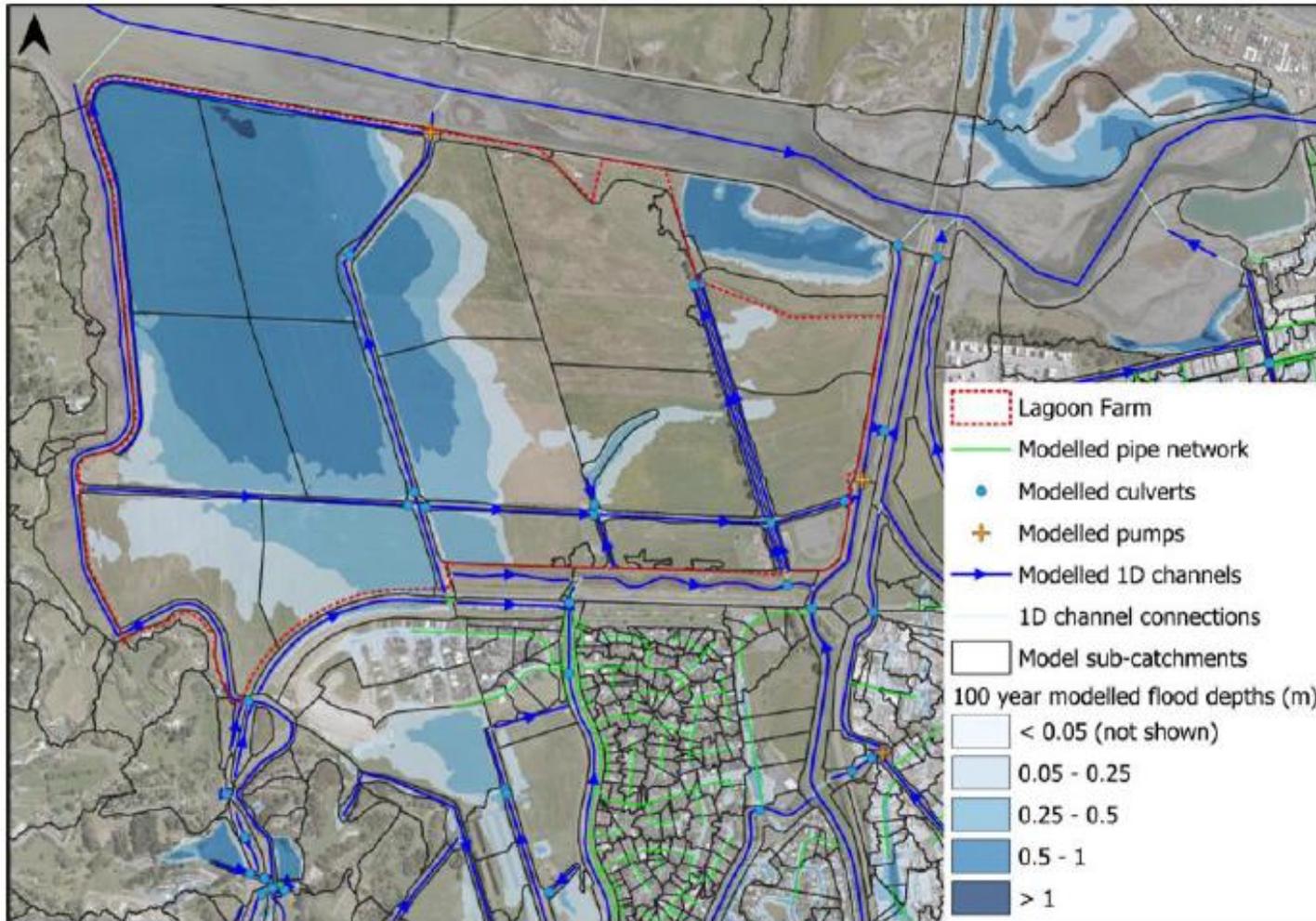


Figure 3.3: Revised baseline model results post T+T updates (Present Day 1% AEP model results extracted from the NCC Napier model, showing culvert and pump flows at key locations)

Concept Design – Optioneering

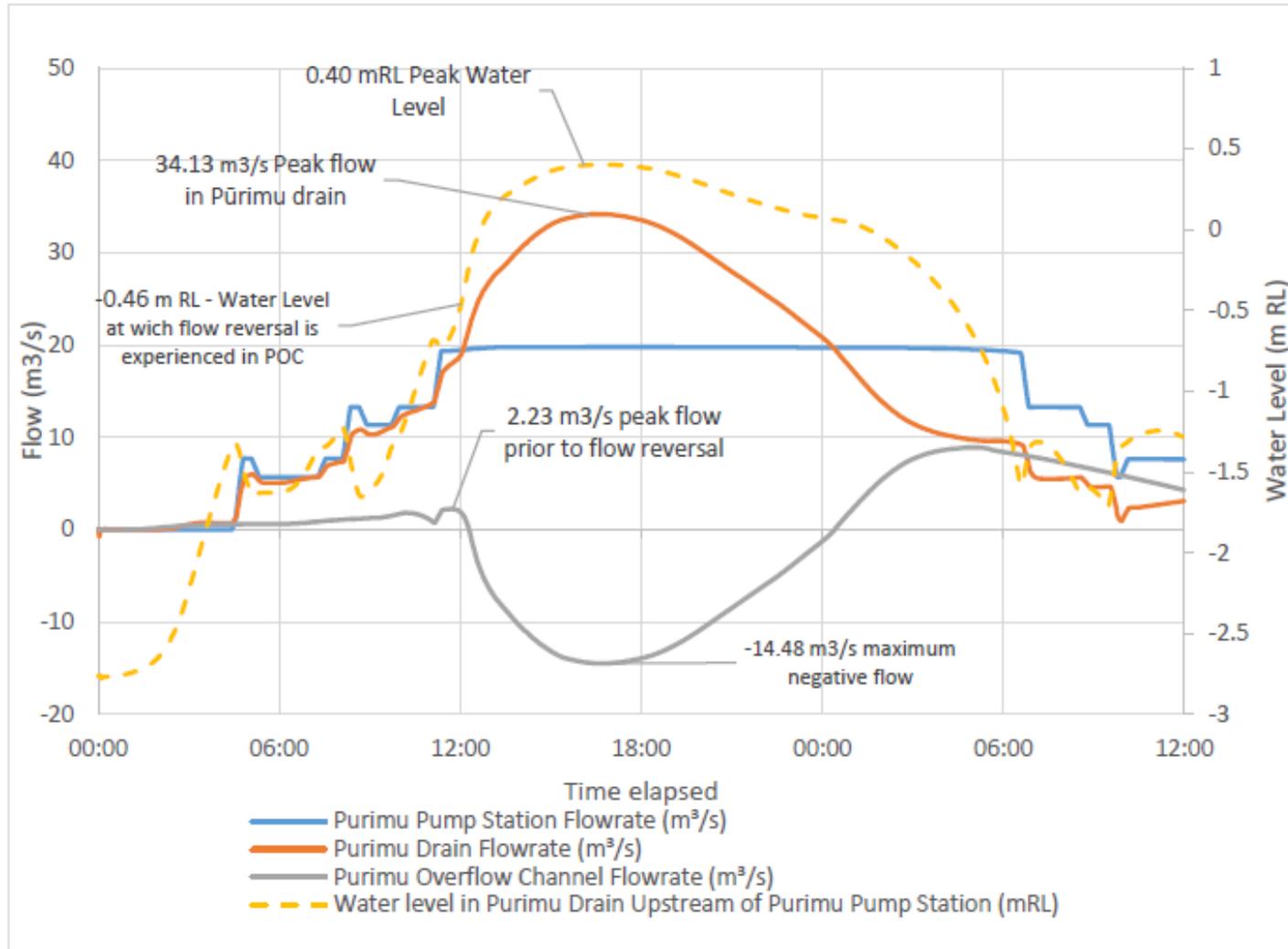


Figure 3.5: Overview of the Pūrimu Drain system water level and flowrates in the baseline scenario (1% AEP present day flood event)

Concept Design – Optioneering

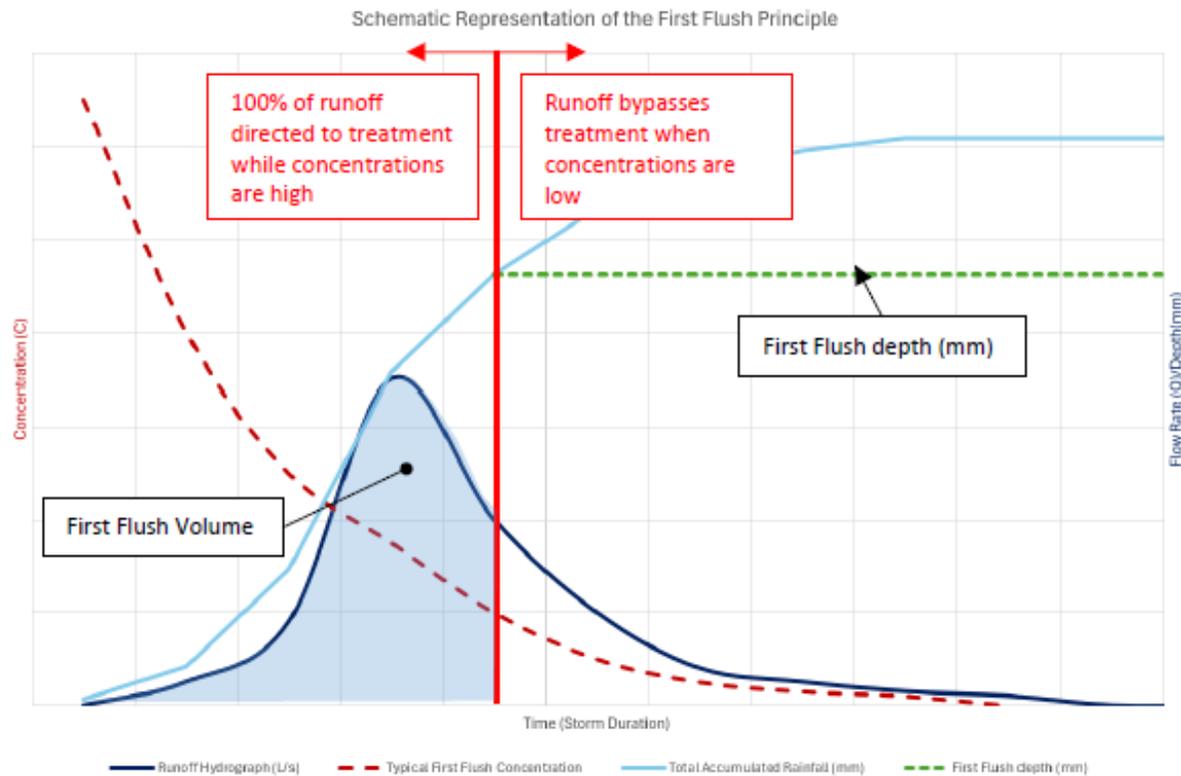


Figure 3.6: First flush principle schematic

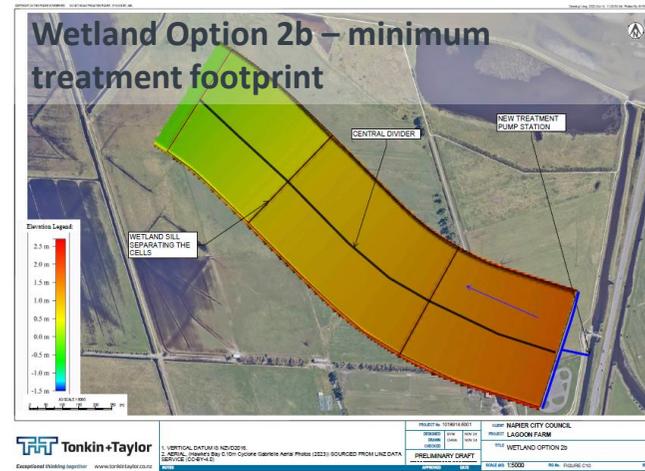
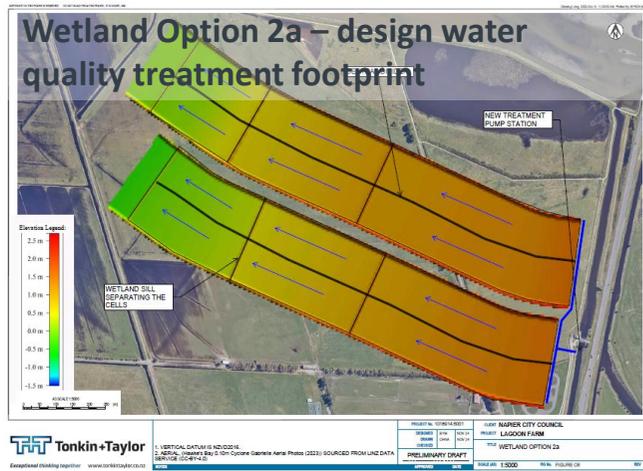
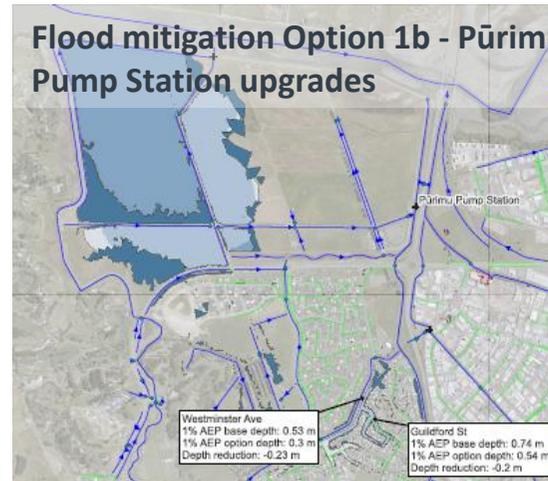
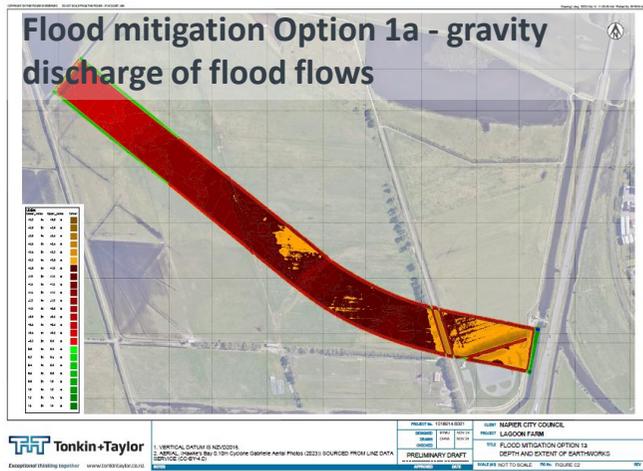
Stormwater options target **more frequently occurring smaller storms and the initial stormwater flow that contains most pollutants (the first flush)**, with larger and less frequent storm events to continue to bypass treatment. This targets the flows which are carrying the **highest contaminant load**, the **first flush principle**.



NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri

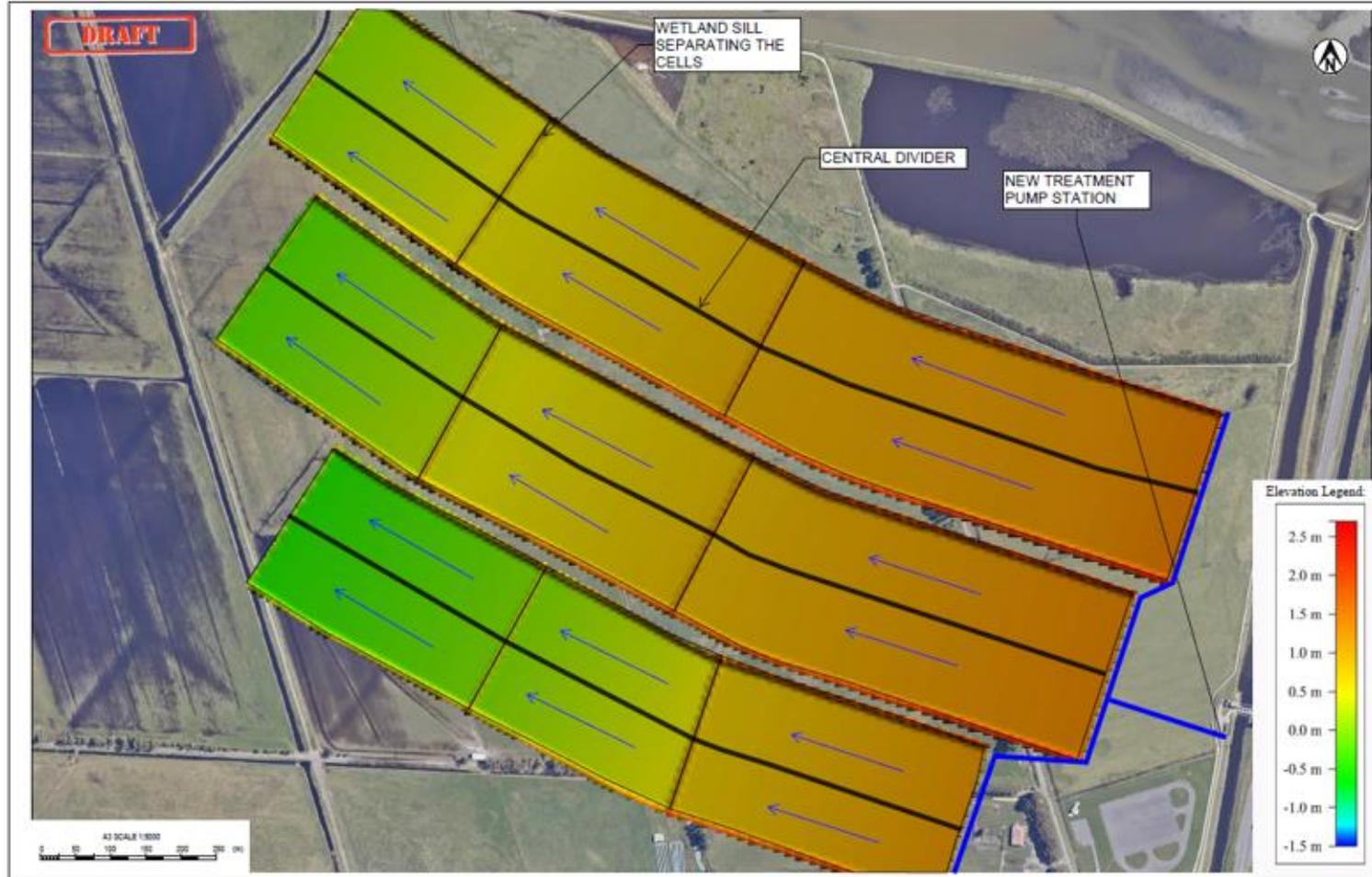
Concept Design – Optioneering

Four options were initially developed for the site: two targeting flood reduction benefits and two targeting stormwater treatment of the Pūrimu Catchment.



NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri

Concept Design – Stormwater Treatment Option 2c (maximum water quality treatment footprint)



Tonkin+Taylor
Exceptional thinking together www.tonkintaylor.co.nz

1. VERTICAL DATUM IS NZVD2016.
2. AERIAL (Hawke's Bay 0.10m Cyclone Gabrielle Aerial Photos (2023)) SOURCED FROM LINZ DATA SERVICE (CC-BY-4.0)

PROJECT NO: 1218914.0001	CLIENT: NAPIER CITY COUNCIL
DESIGNED: BTM/JC NOV 24	PROJECT: LAGOON FARM STORMWATER DIVERSION PROJECT
DRAWN: CHA NOV 24	WETLAND OPTION 2c
CHECKED:	
APPROVED:	SCALE (AS): 1:5000 FIG NO: FIGURE C13
DATE:	REV: 1

PIER
UNCIL
ā o Ahuriri

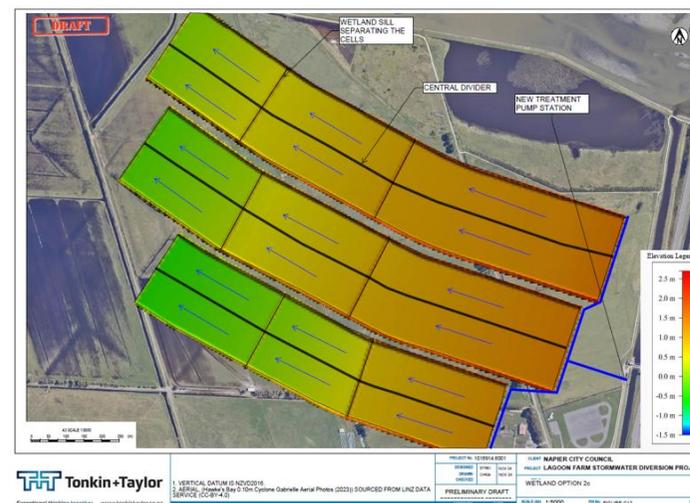
Concept Design – Stormwater Treatment Option 2c (maximum water quality treatment footprint)

Lagoon Farm **Stormwater Treatment Facility** as the main component, comprising a new **pump station, channels, and treatment wetlands** of approx. 106ha, within a designated footprint of approx. 124ha.

The treatment wetlands would comprise 3 parallel bays, each with 3 cells, divided by 2 lateral sills and a central divider.

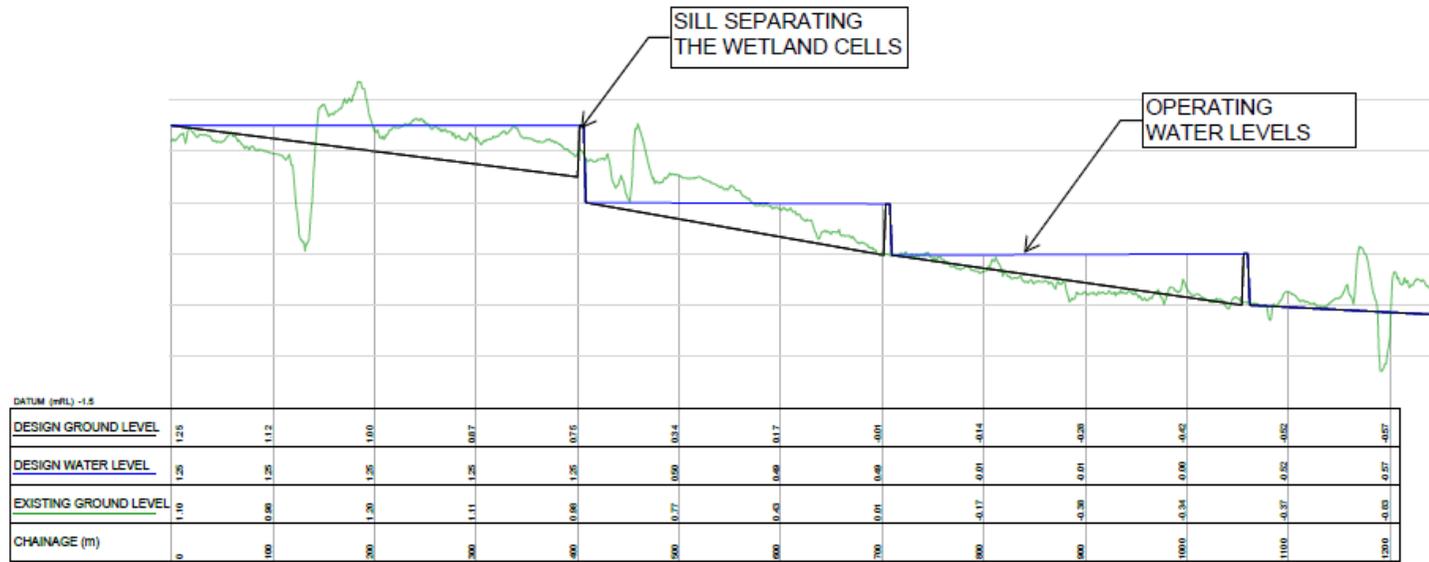
Could be implemented in stages (probably centre bay first).

Provide treatment to **all the catchments discharging to the Ahuriri Estuary via the Westshore Tidal Gates** (including Purimu, OTRB and excluding Taipo and Pandora). A **treatment depth of between 15-20 mm**, which correlates to a **non-exceedance probability of between 70-80%** (or 90% of all daily rainfalls within the Pūrimu Catchment only).

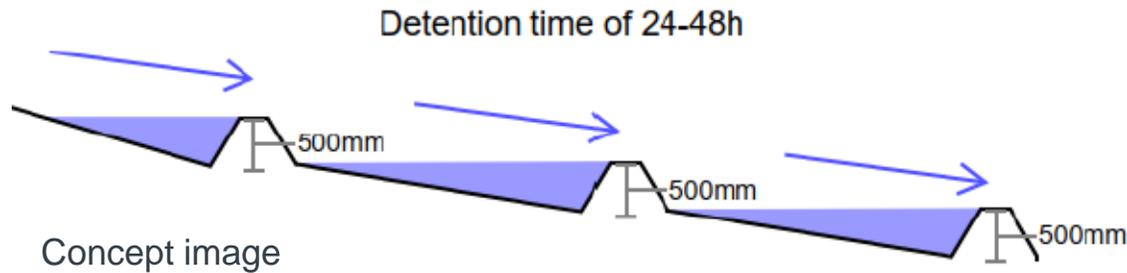


Concept Design – Stormwater Treatment Option 2c

Solution elements – Profile



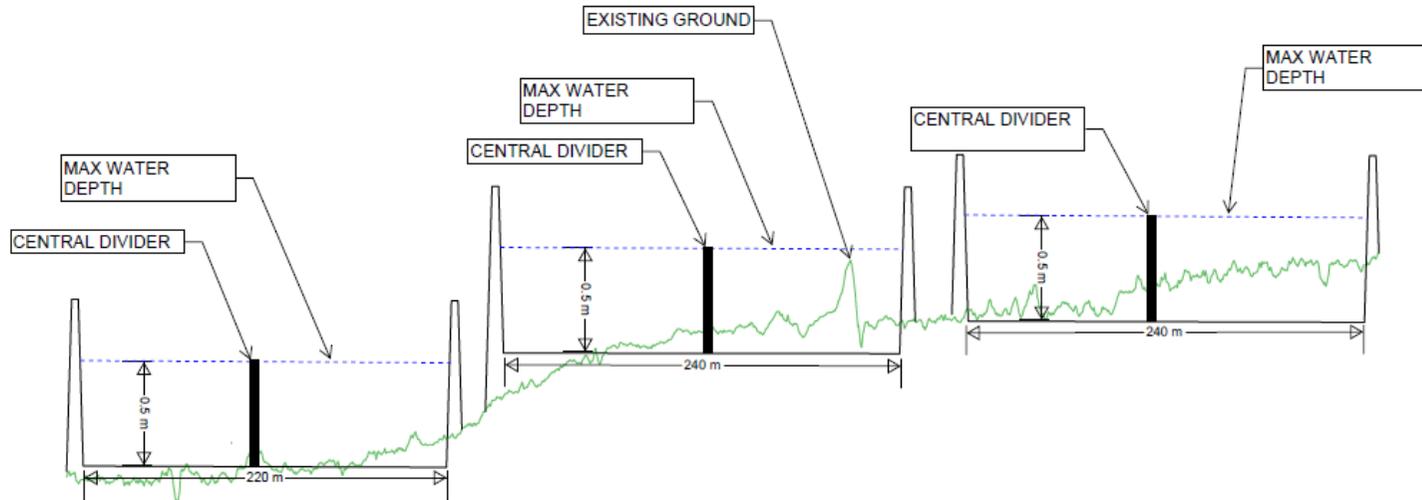
LONG SECTION: South Wetland
 HORIZONTAL SCALE 1:500
 VERTICAL SCALE 1:50



NAPIER
 CITY COUNCIL
 Te Kaunihera o Ahuriri

Concept Design – Stormwater Treatment Option 2c

Solution elements - Profile



CROSS SECTION: Option 3 Typical Section (3 Parallel Bays)

HORIZONTAL SCALE 1:2500
VERTICAL SCALE 1:25

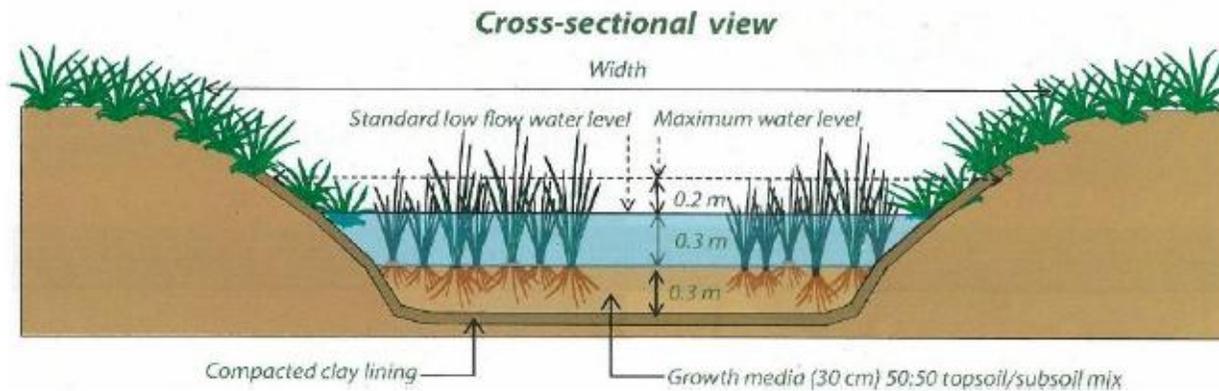


Figure 3.12: Cross-sectional view of wetland (Tanner et al. 2010)

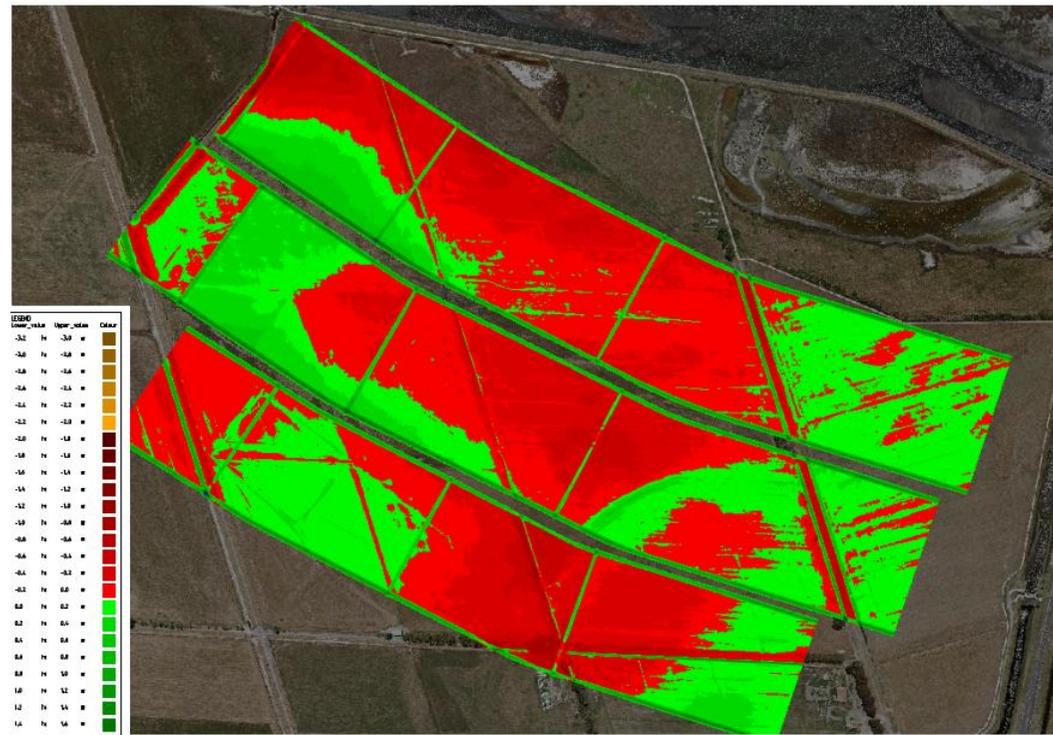


NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri

Concept Design – Stormwater Treatment Option 2c

Solution elements – Earthworks

- Total footprint ~110ha
- **Cut – 122,000m³**
- **Fill – 118,000m³**
- Bounded by ~1m high bunds, with ~5m wide access
- Max cut/fill depth – ~1m mostly varying between +0.5 to -0.5



Concept Design – Groundwater Assessment

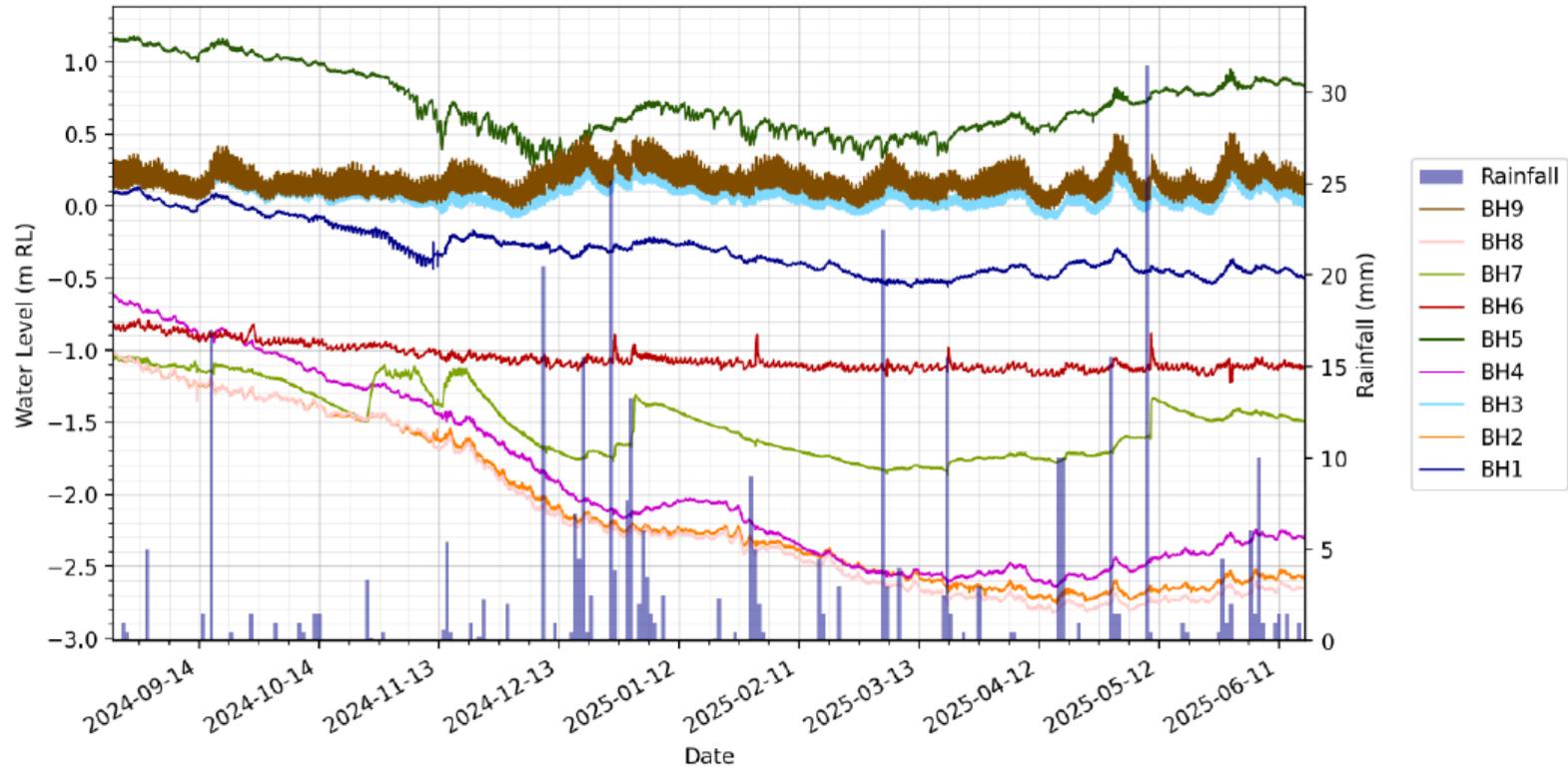


Figure 2.3: Graph of continuous groundwater levels in m RL versus daily rainfall data (mm) over the monitoring period 26 July 2024 to 17 June 2025



Concept Design – Groundwater Assessment

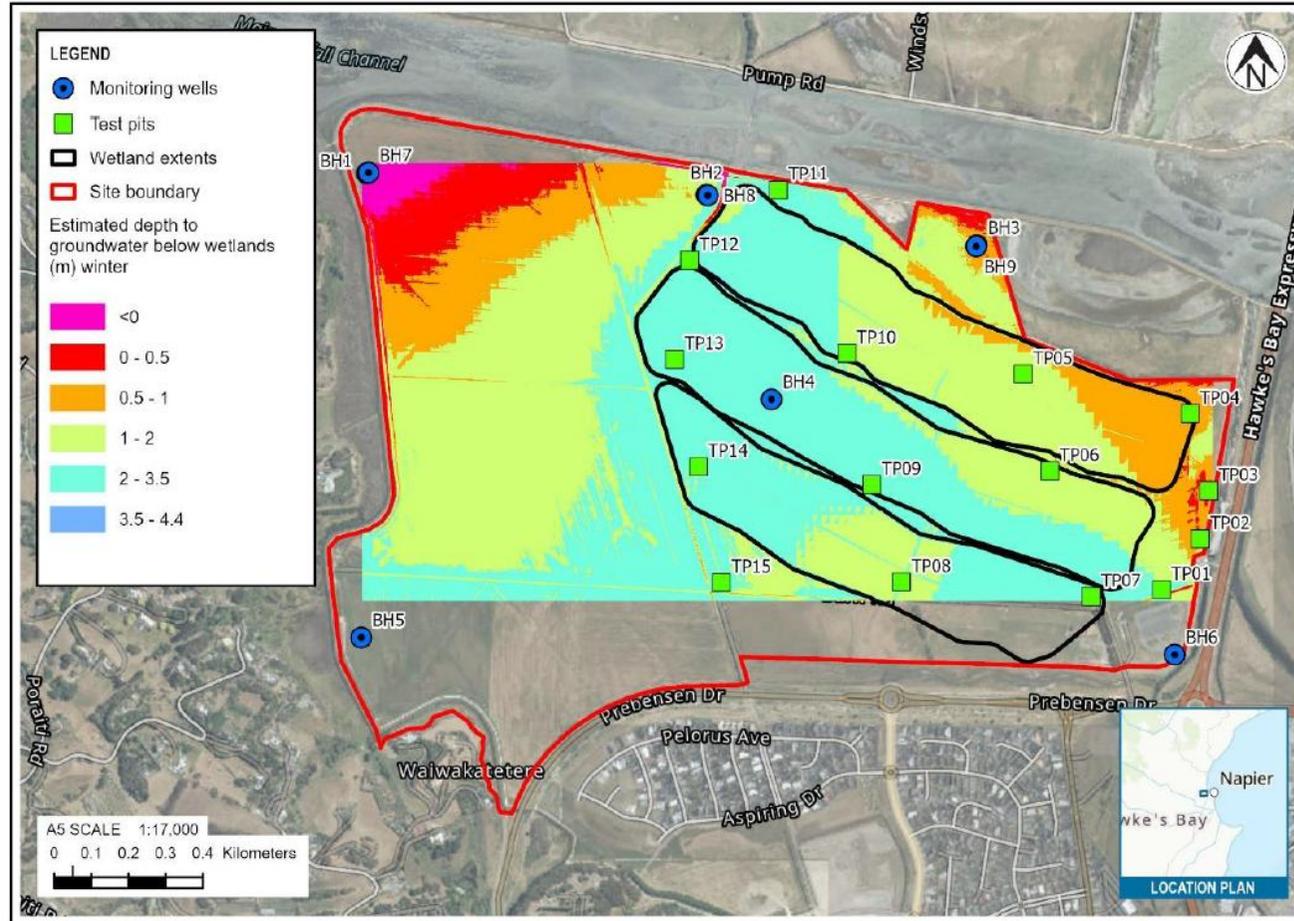


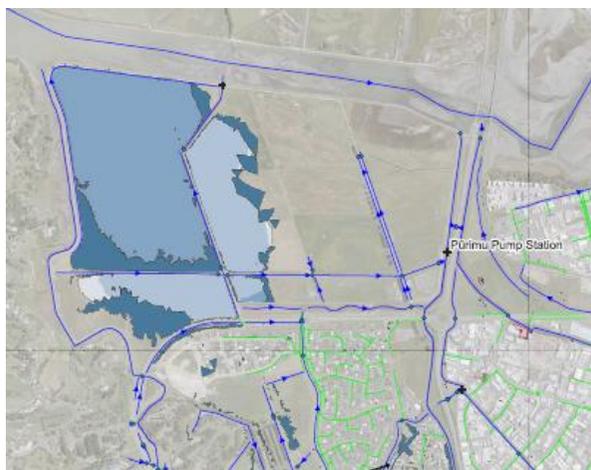
Figure 4.3: Representative winter depth to groundwater below ground and the finished base of the proposed constructed wetlands. Source: LINZ (CC-BY-4.0), Eagle Technology, OSM contributors.



NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri

Concept Design – Next Steps

- **Stormwater Treatment Option 2c** (maximum water quality treatment footprint) is progressed to concept design.
- Potential for **localised flood mitigation co-benefits in smaller flood events**, noting the model results show that any capacity or storage improvements made at Lagoon Farm **do not translate to significant flooding reductions in the upstream urban area in large flood events** due to the capacity constraints of the upstream drainage network.
- A **staged approach** with initially only some of the wetlands operational and only the Pūrimu Catchment directed to treatment. Further work to investigate directing runoff from the eastern catchments to Lagoon Farm.



Concept Design – Next Steps

- **Conveyance/Pumping from Purimu**
 - Lift pump station upstream of Purimu PS.
 - Conveyance to wetland (Open channel or gravity pipe).

- **Management and Maintenance Plan**
 - Wildlife Monitoring and Maintenance
 - **Bird Strike Risk Management Plan**
 - Waterfowl control/exclusion especially during plant establishment
 - In-fill planting until all wetland surface area is plant covered
 - Vegetation and weed control (e.g. willows)
 - Keep the wetlands wet during summer



Ahuriri Regional Park – Masterplan



Ahuriri Regional Park – Masterplan



AHURIRI REGIONAL PARK MASTERPLAN
PERSPECTIVE - TREATMENT WETLAND ISLANDS

Concept Design – Stormwater Treatment External Options – County



Figure 6.10: Potential County Catchment diversion to Pūrimu Pump Station

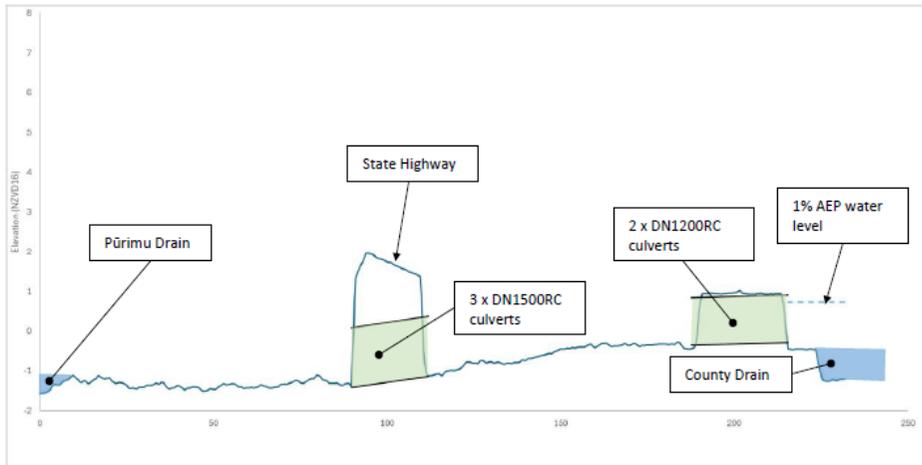


Figure 6.11: Potential County Drain – Pūrimu Pump long section (levels sourced from 2023-2024 LiDAR (data.linz.govt.nz). Culvert information and flood level sourced from Stantec Napier city flood model)



Concept Design – Stormwater Treatment External Options – Plantation, Georges

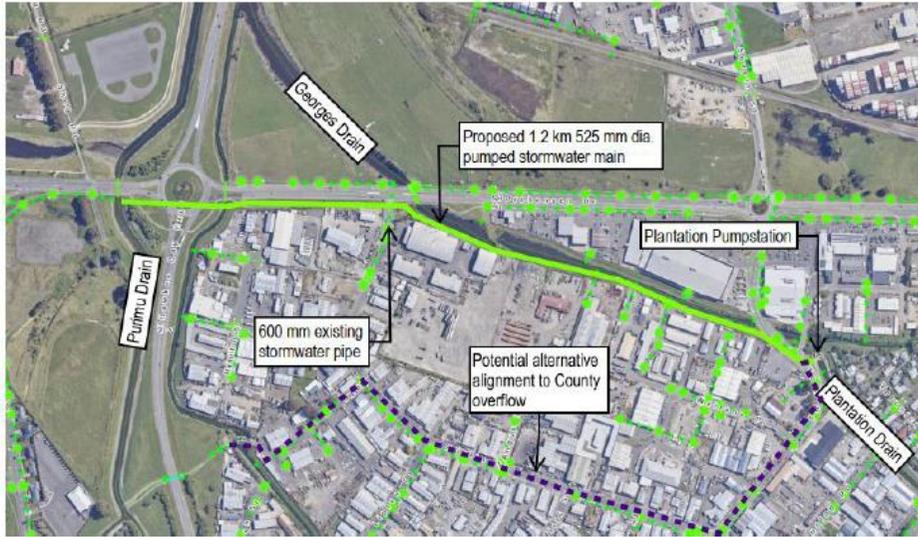


Figure 6.13: Potential Plantation alignment to direct treatment flow to Lagoon Farm



Figure 6.15: Potential Georges Pump Station treatment flow alignment

Alternative Options – Stormwater Filtration System



Christchurch City Council stormwater improvement project to reduce the flood risk included a pump station and a filtration system to reduce pollution of downstream waterways. With a small land footprint for the treatment system, the area needed to treat a 160-hectare catchment with heavy metals, nutrients and more suspended solids (TSS). The system was activated in June 2019.

StormFilter™ at Bells Creek – New Zealand's largest proprietary treatment device



Project Focus
Filtration

Location
Bells Creek, Woolston, Christchurch

