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NWWTP Resource Consent project - IWI partnership summary Updated December 2023

Executive summary:

Nelson City Council (the council) hold resource consents that allow for the development and operation of the Nelson North Wastewater Treatment Plant (NWWTP) and associated discharge of treated wastewater to land and the coastal marine area. The original consent was granted 23 November 2004 and expires 1 December 2024.

The NWWTP Resource Consent project was established to replace the consent and builds on from previous desktop work and assessment of past engagement with the eight iwi with statutory interests in Whakatū, Nelson in relation to wastewater management. It also reflects the Te Tauihu Statutory Acknowledgements 2014.

The objectives of the project include the:

- incorporation of mātauranga Māori into engagement, planning and the environmental assessment that will be undertaken to obtain resource consent for Best Practicable Option for the discharge of treated wastewater from the North Nelson Region.
- broader programme responds effectively and in good faith to the principles of partnership that have been developed between the council and Te Tauihu o Te Waka a Māui (Te Tauihu) iwi.

The project involves following the Best Practicable Option approach to determine the most appropriate methods for the management of wastewater at the NWWTP. The associated resource consent documentation will draw from the collaborative work undertaken with Te Tauihu iwi as agreed in this engagement plan.

Te Tauihu iwi and NCC have worked together throughout the life of the NWWTP with the consent application in 2004, in the establishment and planting of the wetlands associated with the NWWTP in 2010 and desludging of the oxidation ponds in 2014.

This resource consent project started in 2019, initial emails were sent to Te Tauihu iwi in March 2020 and included the engagement plan and summary of resource consent compliance for partners.

NWWTP RC - Te Tauihu Iwi reps 30 Sept 2022.docx

The following summarises the engagement to date:

1. **Initial Contact with iwi**
    - 6 March 2020 email letter from the Manager of Utilities at the time (David Light) 2877 existing consent condition Iwi 12March2020.msg
    - 24 March 2020 email contact to each iwi shared a technical memorandum with information ahead of the first Te Ohu Taiao presentation on NWWTP. This first introduced the process and alternative options to be considered.
      Example email 2877 email to Te Atiawa 24March2020.msg

2. **Te Ohu Taiao meetings**

- 13 May 2020 – first meeting to inform iwi about the replacement resource consent project. There was an agreement in principle that there should be a representative from each of the three Waka on the project working group and a job description and time commitment requested.

- 3 September 2020 –discussed the Term of Reference for iwi working group for consent and for wetlands. In addition, an open invitation was extended to all for site visits to NWWTP.

- 17 August 2022 – Rob Searle presented item 10: NWWTP RC – Cultural Values Assessment From Minutes; Ngāti Apa ki te Rā Tō advised all of the Pou Taiao needed to be checked with first, regarding the use of Buddy Mikaere in the assessment. Ngāti Tama congratulated Council's proactive use of a cultural lens in the project and asked why a tāngata whenua consultant had not been engaged which was their preference. Council Officers advised that the role of a cultural expert was to:

A. ensure that the process and assessment of 9 options against cultural values was robust to determine the best practicable option for wastewater treatment;
B. furthermore, should there be an environmental court procedure, the cultural expert will be required to defend and support the Resource Consent application. Therefore, one implication for a local cultural expert, is the competing interests of the other iwi who may not agree with the Resource Consent application presented on behalf of Council.

Since Pou Taiao did not all support using Buddy Mikaere, an additional option was proposed for Council officers to use Buddy and for Te Tauihu iwi to also undertake the same assessment on the 9 options. Pou Taiao requested 2 weeks to consider and respond to this additional request.

Recommendation in minutes: Iwi recommend Council consider other options for cultural input and cultural expert for BPO assessments.

- 15 May 2023 – provided overview of process followed to date for Best Practicable Option for the Resource Consent, other projects raised were Strategic Scoping and Atawhai Rising Main

- 09 August 2023 – provided dates for key information to be issued to iwi, Q&A hui invite, invite to complete CIA/Memo/Letter in response to draft RC documents, and provided deadline of 9 November for responses back to NCC.

- 17 August 2023 – scheduled sharing of information not met, extended timeframe 2 weeks.

- 25 October 2023- Presentation given by Pania on the Background & Iwi Engagement process to date. A decision was raised to escalate the term of 35 year consent term to Te Ohu Whakahaere. Jonny E to follow up Iwi interested in completing a CIA especially re engaging Ngāti Rārua NDOCS- 224730439-85573

3. Site Visits

- 9 December 2020 – representation from Ngāti Tama, Te Ātiawa, Ngāti Rārua and Ngāti Koata attended a site visit (email: A2540817)

4. NWWTP Iwi working group meetings

- 28 October 2020 – the first iwi working group meeting had a presentation summarising the NWWTP and the project overview (presentation: A2504298).

- 9 February 2021 - Iwi working group (minutes: A2580666) with three items on the agenda, noting;
    i. Are wetlands meeting cultural intent – it was noted that the wetlands had a positive aspect as they polish the discharge and was better than drip irrigation.
    ii. Understanding CHI for wider resource consent project. It was agreed that iwi would discuss CHIs and a request was made for the CHIs to be ready for next meeting.
    iii. Current issue with TSS levels which are elevating and advice being sought from Cawthron on potential impact in the coastal marine environment. It was noted that a greater diversity of planting may help.

- 6 May 2021 - Iwi working group meeting (meeting notes: A2635874)
    a. In the discussion – CHI was stated as essentially being an update on the 2014 report. Daren Horne wanted to seek direction from iwi partners on how to move this monitoring work forward. Daren also stated that there is a clear definition of CHI in the 2014 report.
    b. Actions agreed:
        i. Iwi to have hui to scope CHI monitoring regime
        ii. NCC/Stantec to confirm experts to assist iwi representatives
        iii. Iwi require maps for future development strategy and coastal hazards

- 19 May 2021 - Email from Helen Brown to iwi working group (A2672737) acknowledging Hui and requesting Cultural Values by 4 June and scope of CHI monitoring by 11 June

- 2 June 2021 - Email from Helen Brown to iwi working group (A2672761):
    a. Confirming that it had been agreed through the iwi working group that the 2014 CHI report should be updated and that Te Ātiawa had offered to undertake this with agreement from other iwi. Hui to be organised for discussion.
    b. Cultural Values papers – statement saying this is required to inform the assessment of alternative processes and a request for them for early June 2021.

- 19 August 2021 – cancelled iwi working group due to covid 19 (subsequently rescheduled for 20 October 2021).

- 20 October 2021 - Working group meeting (Mins: A2779571, follow up action: A2784358)
    a. Daren Horne said that he was hoping to do a CHI on NWWTP in the next two weeks
    b. It was agreed for NCC/Stantec to facilitate the documentation of the culture values and principals specific to the NWWTP site and RC project, with the aim to guide the assessment of options relative to each other from the perspective of Te Ao Māori.
    c. From b, the working group can be updated and the traffic-light process for all criteria can be applied.
    d. In addition, an open invitation was extended to visit the NWWTP.

- 8 November 2021 – Aneika Young attended a site visit at NWWTP with Rob Searle and Tony Flewellen (Nelmac).

- 16 November 2021 – Rob Searle and Kathryn Halder met with Alice Woodward to discuss cultural values and principals specific to NWWTP (mtg notes: A2790902).

- 16 November 2021 – Rob Searle and Kathryn Halder met with Aneika Young to discuss cultural values and principals specific to NWWTP. Aneika suggested a small group of iwi to save time on this work. It was agreed that no further individual iwi workshops would be arranged on the basis that Aneika will organise a workshop by end March 2022 (mtg notes: A2792234).

- 23 November 2021 to 17 December 2021 – email exchanges between Rob Searle and Aneika Young: small iwi group not yet established but Aneika is making arrangements (emails: A2818257).

- 10 March 2022 – Aneika Young confirmed she is awaiting feedback prior to organising a workshop with Rob Searle and Kathryn Halder (emails: A2885313).

- 29 April 2022 – Rob Searle sent email to Aneika Young to follow up on workshop (emails: A2885313).

- 9 June 2022 – NCC sent invites to, with a range of dates, to the iwi working group to participate in a workshop to review and discuss iwi cultural values against each of the 9 options being reviewed in the MCA process.

- 7 July 2022 – Rob Searle and Kathryn Halder met with Dayveen Stephens and Andrew Stephens (Ngāti Tama) to review and discuss the 9 options being reviewed in the MCA process.

- 26 July 2022 - Rob Searle and Kathryn Halder to meet with Sylvie Heard and Daren Horne (Te Atiawa Trust) to review and discuss the 9 options being reviewed in the MCA process. Meeting cancelled at least minute and presentation sent to Sylvie and Daren for feedback.

5. Cultural Health Inspection - NWWTP

- 20 December 2021 – Daren Horne undertook the CHI at the NWWTP with Shane Pene and John Katene (email: A2811646).

- 1 April 2022 – CHI report received (A2867111).

- 29 July 2022 – workshop arranged and attended by Te Atiawa, Ngāti Tama, and Ngāti Rārua, to scope the work to move towards delivering the recommendations in the 2022 CHI report.

6. Marine and Coastal Area (Takutai Moana) Amendment Act 2011

- NCC sent letters to claimants under the Marine and Coastal Area (Takutai Moana) Amendment Act on 24 May 2022. The purpose of the letter is to provide some background detail on the application and to seek views about the application from claimants:
    - Te Atiawa o Te Waka-a-Maui (A2885944)
    - Rangitane O Wairau (A2885940)
    - Ngati Koata (A2885937)
    - Te Runanga o Rangitane o Kaituna (A2885935)
    - Te Huria Matenga Trust (A2885902)
    - Te Atiawa o Te Waka a Maui Trust (Mapua) (A2885896)
    - Ngati Toa Rangatira (A2885781)
    - Ngati Tama ki Te Tau Ihu (A2885861)
    - Ngati Apa ki te Ra To (A2885848)

7. NWWTP Wetland Hui

- Three hui were held with invites being sent to all top of the south iwi.
    - On 29 July 2022, at the first hui, it was agreed how we can collectively move forward to work towards meeting the recommendations from the CHI Dec 2021 where possible (NDOCS-224730439-50939)
    - On 15 Sept 2022 Rob Searle gave a presentation showing suggested areas that could be planted/enhanced around the NWWTP in addition to the Wetland areas themselves. A site visit was agreed as the next hui in order to understand how best to use the land, optimise planning, agree areas to be excluded/included and focus on moving towards meeting the CHI recommendations (NDOCS-224730439-55422)
    - A site visit was held on 27 Oct 2022 (NDOCS-224730439-58321) where it was agreed that:
        i. The range of species around the wetland areas could be expanded.
        ii. Plants can be thinned from around the wetland areas and re-used within the fenced area of the NWWTP
        iii. The channel between the Ponds and the wetlands could be planted, meeting some operational conditions.
        iv. The higher ground areas outside of the fence line can be planted, again meeting some operational conditions.
        v. The banks of the freshwater channels, from mid-way up to the top of the bank can be planted in blocks leaving some open areas for future access for maintenance
        vi. Tangata Whenua to confirm species of plants by area to be planted and where these plants should be sourced
    - Dec 2022/Jan 2023 (NDOCS-224730439-58321) Rob Searle asked Sylvie Filipo whether Te Atiawa Trust would lead the work to identify plants, and sourcing of them, with NCC covering their costs. Agreed in principle but not taken forward by Te Atiawa Trust.

- Hui 4 held on 17 April 2023.
    - It was agreed for NCC to draft planting plans for NWWTP Wetland areas, suggesting species of plants and where they can be sourced from, and then use this as a template to discuss/amend/agree with Tangata Whenua (NDOCS-224730439-81660)

- Hui 5 held on 16 June 2023
    - Concept plant list by Nelmac generally approved to progress to planting layout format for feedback.
    - Rongoa expert to be consulted to provide advice on the cultural uses of plants proposed. List of possible experts provided by Sylvie Filipo of Te Atiawa Trust.

- Hui 6 scheduled for 23 Aug 2023 – cancelled due to lack of attendance

- Hui 6 rescheduled for 4 Oct 2023 after votes for new date from iwi received, noting planting likely to occur July 2024 and for further discussion at hui.

- Hui 6 Held on 4 October 2023 NDOCS-224730439-84967
    - Dayveen Stephens (Ngāti Tama), Tracey Williams (Ngāti Toa)- agreed to move forward with Kumanu's proposed planting plan.
    - It was noted that the Wetlands planting site should not be used as an education area.
    - Site blessing to occur when the planting date has been confirmed, Iwi will be renumerated & Kai will be organised.

8. Resource Consent Information Catch Ups

- 7 June 2023 – 1-1 Hui with Onur Oktem-Lewis Ngāti Toa (Lucy, Kathryn, Onur) For information sharing purposes. Provided overview of the iwi engagement for the Resource Consent Renewal process so far, what docs are on the engagement platform, the current project status, and the upcoming opportunities for providing feedback. NCC noted Onur is keen to be involved and is keen to also involve colleague Luke for some future projects.

- 28 June 2023 – Hui scheduled and cancelled due to lack of attendance, only Ngati Toa only could make it. Further 1-1 information provided, but no decisions made (Lucy, Kathryn, Onur & Tracey)

9. IWI Q&A Session NWWTP RC

- 13 September 2023- Hui held with Lewis Smith (Ngāti Kuia), Lucy Clarke, Jonny Edmonds, Warren Biggs, Kathryn Halder, Garreth Gabb. Open discussion around any questions that there could be surrounding the Draft RC. Ngati Kuia to engage in a site visit an initiate a CEA. NDOCS NO- 224730439-84450

- 21 September 2023- Hui Held with George Stafford (Ngāti Rārua), Dayveen Stephens (Ngāti Tama), Jaida Howard (Te Rūnanga o Toa Rangatira), Lucy Clarke, Jonny Edmonds, Panis Lee (left meeting at 11.30) , Garreth Gabb, Rob Lieffering (SLR), Rob Searle (Stantec), Warren Biggs (joined meeting at 11.35)
    - Discussions around the Resource consent application- Iwi raised their preference for wastewater discharge to go to land and not water.
    - Not comfortable with a 35-year consent.
    - Resource Consent did not align with Iwi aspirations & long-term goals.

  NDOCS NO- 224730439-84499

10. CIA Report Engagement

- 21 September 2023- Dayveen (Ngāti Tama) email outlining their position to the NWWTP & the Consent renewal. NDOCS-224730439-85570

- 18 October 2023 - Short catch up with Dayveen (Ngāti Tama) expression of interest in completing a CIA for the Nelson Wastewater Treatment Plant. Discussed the process & timeline of how it would take. Followed up with an email notifying Dayveen the topic would be discussed further with the wider Iwi at Te Ohu Taiao on the 25 October 2023. NDOCS-224730439-85568 & NDOCS-224730439-85569

- 2 November 2023- Following the Te Ohu Taio meeting held on the 25 October 2023- Email sent to all Iwi requesting a CIA in relation the NWWTP Resource Consent Renewal, allowing a longer time to submit – 29 February 2023- Ngāti Kuia and Ngāti Apa ki te Rā Tō had already advised they would complete one collectively. NDOCS- 224730439-85541

- 3 November 2023- George Stafford (Ngāti Rārua) showed interest in completing a CIA report- 8 November 2023- This was confirmed with a signed agreement to complete the CIA report. NDOCS-224730439-85542

- 6 November 2023- Dayveen Stephens (Ngāti Tama) showed interest in completing a CIA report (via a contractor) NDOCS 224730439-85544- Jenny Bennett of Kind Mai Kai. This was confirmed with a signed agreement to complete the CIA report on the 9 November 2023. NDOCS- 224730439-85545

- 21 November 2023- Meeting held with Jen Bennett of Kind Mai Kai (creating a CIA report on behalf for Ngāti Tama) Background given on how the Plant operates, the current consent & the new one we are applying for. Jen raised the question of NCC long term commitment to Wastewater & exploring options. NDOCS-224730439-85577

Minutes of a meeting of Te Ohu Taiao (Environment), held via zoom on Wednesday 13 May 2020, commencing at 1:00pm

Present: Ngāti Kuia (J Eason), Ngāti Rārua (R Thomas), Ngāti Koata (A Woodward), Ngāti Tama (K Stafford), Ngāti Toa Rangatira (N Soloman), Te Ātiawa (I Shapcott), Kaihautū (P Lee), Manager Consents and Compliance (M Bishop), Manager Capital Projects (L Plum), Manager Utilities (D Light).

In Attendance: Group Manager Infrastructure (A Louverdis), Kaituitui Māori (C Anderson), Facilitator (R Proffit), Principal Parks and Facilities Activity Planner (A Petheram), Team Leader Parks and Facilities (P Harrington), Activity Engineer (W Biggs), Project Manager, Contractor (H Brown), Guests (K Richards), (Sam Nuske).

Apologies : Ngāti Rārua CEO (S Graham).

Karakia was given by R Profit.

The meeting was facilitated by R Profit.

1. Apologies

Apologies were received from Ngāti Rārua CEO (S Graham).

2. Minutes

Iwi did not feel they were provided with sufficient time to review the minutes of the meeting and will confirm minutes at the next meeting. Iwi requested at least they are provided adequate time and opportunity to submit agenda items, and review minutes and the meeting pack. It was agreed papers would be sent out two weeks in advance of meetings.

3. Overview of Iwi-CL Engagement, Te Ohu Taiao Terms of Reference

Council shared a presentation on the forums for Iwi-Council Engagement. The Iwi-Council Partnership Group (Governance) is the

only formalised iwi-Council engagement group. The governance and management groups have agreed in principle to three further forums for iwi-Council engagement.

- NCC & Iwi Leaders Forum (Management)
- Te Ohu Taiao (Environment)
- Te Ohu Toi Ahurea (Arts & Heritage)

The terms of reference (ToR) for Te Ohu Taiao forum were discussed with iwi. Iwi general managers have endorsed Te Ohu Taiao as a forum to discuss environmental matters such as capital projects, resource consents and asset planning. Iwi-Council Managers would like Te Ohu Taiao to keep working collectively to find open and transparent solutions.

Further discussion is needed to develop and agree the ToR. Three main areas of engagement for Te Ohu Taiao were identified (but not limited to):

- Long Term Plan (Asset Management Plans)
- Upcoming Capital Projects
- Reviewing resource Consents

4. Update on Funding Model

The Kaihautū provided iwi with an update on the distribution of funding to review resource consents. This funding is for iwi to indicate to Council which projects they may have a cultural interest in, and is not for an in-depth assessment.

5. Nelson North Wastewater Treatment Plant - Resource Consent

The Nelson North Wastewater Treatment Plant Resource Consent was discussed. In addition to the report, a working group (name to be confirmed) will be established with iwi, to facilitate engagement with this project. Iwi suggested that three representatives based on the waka model are invited to participate. Prior to confirming

representatives iwi requested more information specific to the expectations of the representatives such as:

- project timeframes,
- frequency of engagement,
- deliverables
- financial compensation.

Resolved

That Te Ohu Taiao (Environment)

1. ***Receives*** ***the report Nelson North Wastewater Treatment Plant - Resource Consent (R16964) and its attachment (A2369406); and***

2. ***Agrees*** ***to confirming the expectations of the representatives such as project timeframes, frequency of engagement, deliverables and financial compensation once clarification is provided; and***

3. ***Agrees*** ***engagement proceeds with a representative from each waka.***

Agreed

6. Forest Stewardship Council accreditation.

Council discussed consultation with iwi on gaining Forestry Stewardship Council accreditation, and the associated Draft Forest Management Plan which was prepared by its contractor PF Olsen. Iwi shared concerns that this is out of scope for this forum but would forward any interest directly to the officers should they wish to be involved.

Resolved

That the Te Ohu Taiao (Environment)

1. ***Receives*** ***the report Forest Stewardship Council accreditation (R17016) and its attachment (A2369406);***

Agreed

7. Modellers Pond (Late item, no papers)

Council provided an update on the Modellers Pond Project. Submissions have been received from the Modellers Society, to create a concrete base to the pond. Council raised some concerns, and asked that this be discussed with iwi. Feedback has been provided from iwi, a shared concern was the discharge of storm water into the haven, and the environmental impacts of that. A filtration system, which includes native plants has been suggested. Iwi support the concept work that has been done.

Resolved

That the Te Ohu Taiao (Environment)

1. ***Receives the update regarding the Modellers Pond.***

Agreed

N Solomon left the meeting at 3:08pm

J Eason left the meeting at 3:10pm

R Thomas left the meeting at 3:22pm

M Bishop left the meeting at 3:31pm

8. Update on Activity Management Plans

The activity management plans are updated in the Long Term Plan. The following asset management plans were identified as key areas of engagement for Te Ohu Taiao by iwi Managers:

- Environment
- Transport
- Storm Water and Flood protection
- Water supply

It was agreed by iwi managers, that this forum was best positioned to engage on these matters, and that this forum are invited to two three hour workshops. In response to expectations of time commitment, it was noted, that 3 – 6 hours per topic is expected, and some matters may require more dialogue. More information specific to the expectations of representatives such as project timeframes, frequency of engagement, deliverables and financial compensation. Iwi highlighted, that not all individual iwi have resources to engage on projects.

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives the report Update on Activity Management Plans (R17013) and its attachment/s (A2349641); and***

2. ***Agree clarification is needed on the expectations of iwi engagement, project timeframes, frequency of engagement, deliverables and financial compensation, and***

Agreed

Outstanding Agenda items

The meeting did not discuss the following agenda items:

1. Iwi-Council Engagement, and the development of an online engagement tool.

2. Assigning and undertaking Cultural Effects Assessments.

These items will be discussed at the next meeting.

The meeting ended at 3:45pm. Karakia was given by Reg Proffit

Confirmed as a correct record of proceedings:

Chairperson Date

ACTION ITEMS	WHO	DUE DATE
Provide draft terms of reference for Te Ohu Taiao, to be reviewed by iwi and discussed at the next meeting.	P Lee / Iwi	19 August, 2020
A draft template will be developed to assist Council officers with requests for iwi input that align with the ToR.	P Lee	May, 2020
Iwi will be invited to a working group to discuss the Nelson Wastewater Treatment Plant resource consent project. More information will be provided to iwi on the expectations from iwi on the working group.	D Light / H Brown	ASAP
Council will arrange a workshop with iwi to discuss Activity Management Plans. Information about the representative requirements for AMP engagement will be provided to iwi.	M Tregurtha / P Lee	TBC

Minutes of a meeting of the Te Ohu Taiao (Environment)

Held in the Nelson City Council Chamber, Level 2B, Civic House, 110 Trafalgar Street, Nelson

On Thursday 3 September 2020, commencing at 12.00p.m.

Present:	A Woodward (Ngāti Koata), J Eason (Ngāti Kuia), K Stafford (Ngāti Tama), I Shapcott (Te Ātiawa), P Lee (Kaihautū).
In Attendance:	C Anderson (Kaituitui Māori), L Plum (Manager Capital Projects), M Tregurtha (Manager Strategy), R Bartlett (Manager Parks & Facilities), D Light (Manager Utilities) K Bird (Planner), H Brown (Project Manager – Contractor), W Briggs (Activity Engineer), E Powick (Roading & Utilities).
Apologies :	Ngāti Toa Rangatira (P Rene), Ngāti Rārua (R Cudby).

Karakia was given by P Lee

It was agreed that P Lee would chair the meeting.

P Lee assumed the role of chair

1. Apologies

Apologies were received from P Rene (Ngāti Toa Rangatira), R Cudby (Ngāti Rārua).

2. Confirmation of Minutes

2.1 13 May 2020

Document number M9857, agenda pages 6 - 11 refer.

Recommendation

That the Te Ohu Taiao (Environment)

1. <u>Confirms</u> the minutes of the meeting of the Te Ohu Taiao (Environment), held on 13 May 2020, as a true and correct record.

Plum/Shapcott

3. Activity Management Plans Workshops Update

An invitation would be sent to iwi to attend a workshop for the Activity Management Plans (AMP).

It was suggested by iwi that the $100 p/h fee for iwi representative to attend meetings or workshops outside of regular meetings be reviewed. It was noted that iwi may have different payment schedules for work outside of their regular meetings and that AMP workshops are separated by each kaupapa or week.

Iwi raised questions about whether the iwi chairs or general managers should attend the AMP meetings rather than the Pou Taiao (iwi environmental representatives). Council officers advised that at the NCC & Iwi Managers Forum meeting in March 2020 had determined that iwi engagement would take place through nominated review groups. This was also presented to Te Ohu Taiao meeting held on 13 May 2020. Iwi Managers resolved Pou Taiao would engage on four AMP's, namely: Environment; Storm Water and Flood Protection; Transport and Water supply.

4. Iwi-Council Engagement, and the development of an online engagement tool.

Document number R19256, agenda pages 12 - 14 refer.

Council provided an update on the Iwi-Council engagement tool. Funding had been approved in the annual plan, and supported by iwi Managers to develop the tool. Council was aware that iwi have capacity issues and hope that this new system would assist to priorities engagement. Some iwi were not clear on how the tool would be used. Council advised that the tool is in development phase and iwi would have an opportunity to provide feedback on it.

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives the report Iwi-Council Engagement, and the development of an online engagement tool. (R19256) and its attachments (A2380754).***

Agreed

5. Discussion on Staff Reports presented to Te Ohu Taiao

A discussion was held on information that is submitted to Te Ohu Taiao by Nelson City Council staff. At the last meeting iwi requested that staff make it clear to Te Ohu Taiao how their papers link to the Terms of Reference (TOR). It was noted that the terms of reference are still being developed and will need to be endorsed by the Pou Taiao and Iwi Managers.

6. Nelson North Wastewater Treatment Plant Resource Consent Project

Document number R18173, agenda pages 43 - 52 refer.

A brief update was provided on the NWWTP resource consent project. Information about the project, timeframes, time commitments and a draft terms of reference has previously been provided to Te Ohu Taiao forum members. At the Te Ohu Taiao meeting held in May 2020, iwi proposed that a representative from each waka provide guidance to the project. Council moved to convene the first iwi working group meeting.

The forum did not support a separate iwi working group and proposed that a waka representative attend the existing monthly project working group. The project manager will discuss this proposal with the project working group and report back to Te Ohu Taiao members directly.

If agreed by the project working group Kurahaupō, Tokomaru and Tainui would nominate representatives to attend the project working group. An invite would also be extended to Ngāti Toa Rangatira who were not present at the meeting.

Recommendation

That Te Ohu Taiao (Environment)

1. ***Receives the report Nelson North Wastewater Treatment Plant Resources Consent Project (R18173) and its attachment (A2426037, A2426597).***

Eason/Stafford **Carried**

7. Saxton Creek Stage 4 - Engagement

Document number R19235, agenda pages 53 - 76 refer.

Council provided an update on this project, and a copy of the cultural effects assessment was shared. The project was progressing forward as funding had been received for the shovel ready project, with the condition that the funds would be utilised within the next financial year 2020/21.

Ngāti Kuia shared feedback on the cultural effects assessment they provided to council. A site visit was offered to iwi, and would be arranged. Ngāti Tama indicated a preference to attend the site visit rather than discuss this further with their iwi.

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives the report Saxton Creek Stage 4 - Engagement (R19235) and attachment (A2442619); and (A1969599)***

2. ***Commits to supporting the Saxton Creek Stage 4 project, and supplying assessments and other information if required, to meet this fast tracked project timeline.***

Stafford/Woodward **Carried**

8. Marina Hardstand Variation to Consent

Document number R19238, agenda pages 77 - 79 refer.

It was noted that the hardstand posed some issues for council, the current resource consent in place only permitted use in a small area for antifouling. Council would like to extend the hardstand, but discovered that the current standards had not been met. An extension had been provided but the pump and filtering system needed to meet the existing resource consent standards. Council would need to extend the variation from two to eight bays. The original consents allowed two, the variation to six would soon expire. Iwi supported this project and had been informed that the timeframe for this is urgent.

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives the report Marina Hardstand Variation to Consent (R19238); and***

2. ***Commits to supporting the Marina Hardstand project, and supplying assessments and other information if required, to meet the urgent project timeline.***

Stafford/Shapcott **Carried**

9. Camping Grounds on Council Owned Land - Omnibus Resource Consent

Document number R19204, agenda pages 80 - 89 refer.

Council provided an overview on the resource consent for a major project taking place around council owned campgrounds. A part of the process would be to allow for permanent residents at the campground. Council asked iwi for guidance on how to engage with iwi on this project. Iwi suggested that council would separate the three consents out.

It was noted that housing is listed as a priority for iwi. Council has pressures in terms of meeting the Health Act requirements. Some concerns were raised by Council related to social housing, and the importance of safe and hygienic housing. The next steps will be for iwi to respond to council about how they would like to be involved in this project. More background information about the project would be sent to iwi.

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives the report Camping Grounds on Council Owned Land - Omnibus Resource Consent (R19204) and its attachment(A2434911).***

Shapcott/ Woodward

10. Accidental Discovery Protocol advice note for review by iwi

Document number R19251, agenda pages 90 - 92 refer.

A discussion was held regarding the wording within item four of the advice note, and that this is unable to be monitored or legally enforced, especially for projects that do not breach any planning rules. Iwi would provide written feedback to council or any amendments to the advice notes.

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives the report Accidental Discovery Protocol advice note for review by iwi and its attachment/s (A2445418).***

Shapcott/Stafford

Outstanding agenda items

The meeting did not discuss the following agenda items:
1. Te Ohu Taiao Terms of Reference 2. Assigning and undertaking Cultural Effects Assessments
These items will be discussed at the next Te Ohu Taiao (environment) meeting on 29 October, 2020.

No	Action	Who	Date
1.	Iwi will send nominations for a representative/s from each waka to attend the NWWTP working group.	Iwi	
2.	A site visit to the Saxton Creek project will be arranged with iwi. Council will send the details to iwi representatives.	L Plum	
3.	Assessments will be provided to council by iwi on the Marina Hardstand variation	Iwi	ASAP
4.	Iwi will respond to council about how they would like to be involved in the Campgrounds project	Iwi	
5.	Doodle poll will be sent for iwi to organise AMP meetings. Council will send a summary of the AMP's to iwi	M Tregurtha	Sept

There being no further business the meeting ended at 3:00pm.

Confirmed as a correct record of proceedings:

_____ Chairperson _____ Date

Minutes of a meeting of the

Te Ohu Taiao (Environment)

Held on Zoom Wednesday 17 August 2022,

commencing at 1.50 p.m.

Present:	Ngāti Apa ki te Rā Tō (J Skilton), Ngāti Tama (D Stephens), Te Ātiawa (S Filipo), Ngāti Kuia (R Smith) Kaihautū (P Lee), Manager Consents and Compliance (M Bishop),
Attendance:	Principal Parks and Facilities Asset Planner (A Petheram), Project Manager Maitai Ecological Restoration (S Moore-Lavo), Transport Planner (C Inns), Environmental Programmes Adviser (K Lee), TDC Community Policy Adviser(A Smith), Acting Planner for NRSBU (Jennifer Rose), Manager Climate Change (R Pemberton), Climate Change Adviser(M Fellowes), Senior Project Manager Capital Projects (R Searle)
Apologies :	Ngāti Koata (P Gieger), Ngāti Rārua (R Cudby), Ngāti Toa Rangatira(T Williams), Ngāti Kuia (K Paki Paki), Te Ātiawa (D Horne) Manager Capital Projects (L Plum) and Manager Utilities (D Light)

Karakia: Sylvie Filipo - Te Ātiawa

The meeting began late due to the prior meeting, and quorum was not met until Jen Skilton (Ngāti Apa ki te Rā Tō) arrived. Mandy Bishop advised lateness. Sylvie Filipo chaired the meeting.

1. APOLOGIES

Apologies

Resolved TOTE/2022/009

That Te Ohu Taiao (Environment)

1. ***Receives* and accepts the apologies from Kristie Paki Paki (Ngāti Kuia), Pene Gieger (Ngāti Koata), Tracey Williams (Ngāti Toa Rangatira), Daren Horne (Te Ātiawa), Rowena Cudby (Ngāti Rārua), Lois Plum (Manager Capital Projects) and Jen Skilton (Ngāti Apa ki te Rā Tō) and Mandy Bishop (Manager Consents and Compliance) for lateness.**

Ngāti Kuia (R Smith)/Te Ātiawa(S Filipo — Carried

2. CONFIRMATION OF MINUTES

2.1 6 April 2022

Document number M19388, agenda pages refer.

Recommendation

That Te Ohu Taiao (Environment)

1. ***Confirms* the minutes of the meeting of the Te Ohu Taiao (Environment), held on 6 April 2022, as a true and correct record.**

Ngāti Kuia (R Smith)/Te Ātiawa(S Filipo

3. MATTERS ARISING

3.1 Update on Freshwater Role - Project Manager Maitai Ecological Restoration (Susan Moore-Lavo)

S Moore-Lavo clarified that the recruitment for this role as discussed at the 6 April 2022 meeting was the first time Council targeted recruitment directly with iwi.

Guidance was sought from iwi on, a fixed term 24 month role that would help to deliver new requirements under the National Policy Statement – Freshwater Management (NPS-FM).

A Water Quality Monitor (trainee position) is likely to start late September 2022.
Period: 24 months fixed term
Salary: $60,000 per annum for 30 to 40 hours per week (approximately)

A role description was provided to Pou Taiao following the meeting on 27 April 2022 and was also promoted on the Te Kahui Whiria Newsletter sent out in May and July 2022.

A candidate had been selected from those referred by iwi. Council Officers would like feedback from Pou Taiao, on work they would like to see delivered under the aspects of the role, intended to support iwi in their freshwater programmes

3.2 Update on Transport Strategy - Transport Planner (Callum Inns)

C Inns provided an update to the meeting on the strategy and steps taken to engage iwi on input to the Transport Strategy:

May 2021 - Pou Taiao receive report (R25838) on the Transport Strategy requesting guidance on how they would like to work in partnership with NCC. Pou Taiao recommend a dedicated hui on strategic transport documents under development, and regular newsletter updates from Council to iwi and the appointment of a cultural consultant to support the process;

September 2021 - Te Ohu Whakahaere engaged and presented with recommendation from Te Ohu Taiao, Pou Whakahaere support the recommendations on the basis that Pou Taiao remain involved in the process and are involved with any future infrastructure strategies and projects;

December 2021 - A one pager on the Transport Policy context along with the Transport Policy development process was provided to Pou Taiao;

February 2022 - An update was provided to Pou Taiao with a request to provide assistance on appointing a Cultural Consultant. Council Officers proposed a drop-in clinic and advised the strategy was going out for consultation April and May 2022;

April 2022 - No update was provided in April 2022 due to Covid-19. Three referrals provided by iwi were not available to support the strategy.

Four community drop-in engagement events occurred and 250 submissions were received. The strategy was now in front of Council for final endorsement.

Pou Taiao expressed concern that the opportunity for input from whanau had been missed. The Kaihautū apologised for Council not making iwi aware earlier that the Cultural Consultants were not available to engage on behalf of iwi. There would be opportunity for iwi to engage in the Transport Asset Management Plan.

3.3 Te Parikaranga Update – Kaihautū (Pania Lee)

The Kaihautū advised that the engagement tool Te Parikaranga had been shortlisted at the LGNZ Excellence awards. Ngāti Tama Pou Tikanga, Te Ahu Rei and Council Kaumātua, Melanie McGregor had attended to represent iwi for Council. The tool was having some technical issues and still in the testing phase with Pou Taiao.

4. SEAFARERS MEMORIAL JETTY

Principal Parks and Facilities Asset Planner (Andrew Petheram)

Council Officers advised that the initial discussions were carried out by the Trust mainly with Ngāti Koata – Jim Elkington prior to Council

Document number R26835

Resolved TOTE/2022/010

That Te Ohu Taiao (Environment)

1. ***Receives the report Seafarers Memorial Jetty (R26835); and***

2. ***Provides comment to the Community and Recreation Committee on the proposed Seafarers Memorial Jetty resource consent.***

3. ***Directs the NCC Officer to advise the Seafarers Memorial Trust to pre-circulate the resource consent application draft to each iwi prior to lodgement***

Ngāti Tama(D Stephens)/Ngāti Apa ki te Rā Tō(J Skilton) Carried

5. REVIEW OF JOINT WASTE MANAGEMENT AND MINIMISATION PLAN

Environmental Programmes Adviser (Karen Lee), Tasman District

Council Community Policy Adviser (Amy Smith)

Council Officers advised this is a mandatory review that takes place every six years. The current Waste plan was adopted in 2019 and is being reviewed early to reflect key policy changes from central government ahead of the next Long Term Plan process, including a new national Waste Strategy that is to be released this year.

Ngāti Apa ki te Rā Tō looked forward to hearing about the ways iwi could be involved. Te Ātiawa were involved in the last plan and were keen to see the draft. The proposal to include a remission reduction lens to the review was well received. Ngāti Tama enquired whether the iwi representative Vacancy on the Nelson Regional Sewerage Business Unit had been filled.

Council Officers advised that this review was not within the scope of that role, but could certainly have a role in the review, if nominated as iwi representative to the Working Party.

Document number R26913

Recommendation

That the Te Ohu Taiao (Environment) Committee

1. ***Receives*** ***the report Review of Joint Waste Management and Minimisation Plan (R26913); and***

2. ***Indicates*** ***whether iwi are interested in participating in the review of the Joint Waste Management and Minimisation Plan; and***

3. ***Notes*** ***the proposed approach by officers from Nelson City Council and Tasman District Council to working with iwi on the review; and***

4. ***Indicates*** ***if there are any preferred methods for engagement with iwi.***

Attendance: Ruihana Smith (Ngāti Kuia) left the meeting.

The following items were discussed but as there was no longer a quorum no decisions were final. Recommendations would be presented to other members to be ratified.

6. NELSON REGIONAL SEWERAGE BUSINESS UNIT - RM165115 DISCHARGE TO THE COASTAL MARINE AREA - CULTURAL HEALTH INDEXING

Jennifer Rose (Planner for NRSBU)

Planner for NRSBU, Jennifer Rose requested that iwi who were not present at today's meeting be asked to confirm whether they wish to provide input into the CHI and protocol that will be prepared by Te Ātiawa, by 17 September 2022. If a response is not received by 17 September 2022, it would be assumed that those iwi who do not wish to provide input in the preparation of the CHI / protocol and Te Ātiawa will proceed on that basis.

All attending Pou Taiao advised that each iwi needed to be asked. Ngāti Kuia, Ngāti Apa ki te Rā Tō and Ngāti Tama advised that their CHI monitoring was still being developed and they were keen to learn from Te Ātiawa and they supported Te Ātiawa protocol.

Document number R26938

Recommendation

That Te Ohu Taiao (Environment)

1. ***Receives* the report Nelson Regional Sewerage Business Unit - RM165115 Discharge to the Coastal Marine Area - Cultural Health Indexing (R26938); and**

2. ***Supports* Te Ātiawa to complete the Cultural Health Indexing using their templates, and manage any further input from the other Te Tauihu iwi.**

7. ENGAGING WITH TE TAUIHU IWI - WEBSITE INFORMATION

Mandy Bishop (Manager consents and compliance)

Council Officers acknowledged former Ngāti Tama Pou Taiao Kura Stafford's suggestion for Council to provide a service to the public similar to what is provided by Wellington District Council. This online service, may assist developers and to understand iwi engagement processes.

Council's Customer Service Officers currently only provide website addresses for iwi to the public and encourage them to contact iwi directly. This could also be used in this website.

Pou Tikanga would provide feedback on the information provided at the next meeting.

Document number R27008

Recommendation

That Te Ohu Taiao (Environment)

1. ***Receives* the report Engaging with Te Tauihu iwi - website information (R27008) and its attachment (A2911739); and**

2. ***Approves* information contained in Attachment 1 to Report 27008 (A2911739), as amended at the 17 August meeting, to be included in Nelson City Council's resource consent website information.**

8. DOMETT STREET IMPROVEMENTS

Lois Plum (Manager Capital Projects)

Document number R27070

Council Officers were unable to be present due to the significant weather event.

Council Officers had presented this to Pou Taiao at the early stages of the project and had an iwi monitor on the site at that time.

In an email L Plum advised Council are going to upgrade the walking and cycling facilities, both along the Maitai River bank and along Domett Street. The work along the riverbank is the same as was done for the section Collingwood Street to Bridge Street, and this new section will be Bridge Street to Nile Street.

When Council undertook the works on the previous section Amanda Young completed an Archaeological Report – and confirmed that this has taken into account the section from Bridge to Nile.

She has confirmed that she will be available if something unexpected is found, and we will be including this in the resource consent conditions. She has noted for this particular section of river bank there has been a lot of development over the last 100 years in this area.

Council is aware that using concrete is not ideal however the path is in a flood area, and any other surface will not stand up to flooding, so is recommended product to be used in this area.

Ngāti Tama confirmed that historical matter had been found and asked whether a Cultural Impact Assessment been done on the area?

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives*** ***the report Domett Street Improvements (R27070); and***

2. ***Requests*** ***support of the Domett Street Improvements Project.***

9. WORKING WITH IWI AND MĀORI TO ADAPT TO THE IMPACTS OF CLIMATE CHANGE

Manager Climate Change (Rachel Pemberton), Climate Change

Adviser(Maggie Fellowes)

Ngāti Apa ki te Rā Tō advised not all of the iwi had Environmental Management Plans yet with their plan not ready until early 2023. Ngāti Tama said the Climate

Change DAPP needed to be created in partnership with iwi so that iwi aspirations and a range of diverse views were key drivers. Te Ātiawa agreed with Ngāti Apa ki te Rā Tō that there was massive amount of work to do. As a starting point eight iwi CIA needed to be created and Council Officers needed to contact Pou Taiao for these.

Pou Tikanga suggested that a request for member on the advisory group or a consultant to be circulated to the other iwi not in attendance.

Document number R27123

10. NELSON WASTEWATER TREATMENT PLANT RESOURCE CONSENT PROJECT - CULTURAL VALUES ASSESSMENT

Senior Project Manager Capital Projects (Rob Searle)

Document number R27111

Ngāti Apa ki te Rā Tō advised all of the Pou Taiao needed to be checked with first, regarding the use of Buddy Mikaere in the assessment.

Ngāti Tama congratulated Council's proactive use of a cultural lens in the project and asked why a tāngata whenua consultant had not been engaged which was their preference.

Council Officers advised that the role of a cultural expert was to:

- ensure that the process and assessment of 9 options against cultural values was robust to determine the best practicable option for waste water treatment;

- furthermore, should there be an environmental court procedure, the cultural expert will be required to defend and support the Resource Consent application. Therefore, one implication for a local cultural expert, is the competing interests of the other iwi who may not agree with the Resource Consent application presented on behalf of Council.

The additional option, as detailed below, was discussed and would also be considered:

- Council Officers engage a cultural expert supported by Te Tauihu iwi (e.g., Buddy Mikaere) to undertake an assessment of the 9 options against Māori Cultural Values as determined for the project via workshops with iwi, CHI reports and iwi management plans;

- Te Tauihu iwi also undertake the same assessment on the 9 options

- Council Officers, Te Tauihu iwi and the cultural expert undertake an exercise to discuss/compare/review both assessments;

- The assessment, will apply end of November 2022, will apply as per the item 3.11 in Report R27111
- Council Officers would call upon their engaged Cultural Expert to support the Councils Application in an environmental court or similar

Pou Taiao requested that they be given two weeks to come back and respond to this additional request.

Recommendation

That the Te Ohu Taiao (Environment)

1. ***Receives the report Nelson Wastewater Treatment Plant Resource Consent Project - Cultural Values Assessment (R27111) and its attachments (224730439-51262 & 224730439-51263); and***

2. ***Iwi recommend Council consider other options for cultural input and cultural expert for BPO assessments***

11. GENERAL BUSINESS

Te Ohu Taiao agreed to change the meeting date time to 31 October from 9 a.m. to 12 p.m.

Future Te Ohu Taiao hui would not be schedule at the same time as Te Ohu Toi Ahurea hui.

Te Ātiawa requested Council Officers try to keep to one page reports

Kaihautū Pania Lee advised that the poroporoaki for the outgoing Mayor Rachel Reese would be held on 20 September 2022.

There being no further business the meeting ended at 4.15 p.m.

Actions from the meeting:

No.	What	Who responsible	Completed By
1.	Feedback invited from all Pou Taiao on priorities for delivery of the freshwater role	Iwi/S Moore-Lavo	October 2022
2.	Provide an update on the Action Plan	C Inns	October 2022
3.	Seafarers Trust to circulate the RC to all iwi before it is lodged	A Petheram	ASAP
4.	Council Officers to circulate recommendations made by Te Ohu Taiao members for ratification from members not present	P Lee	ASAP
5.	Iwi who were not present to provide feedback into the CHI and protocol that will be prepared by Te Ātiawa.	P Lee/Pou Taiao	17 September 2022
6.	Council Officers to provide draft of resource consent website information for iwi feedback	M Bishop	ASAP
7.	Domett Street project request for more information about the RC and CIA	L Plum/K Jones	ASAP
8.	Send Pou Taiao TOR for an iwi representative on the climate change advisory group	R Pemberton	ASAP
9.	Pou Taiao have to feedback to Council on Cultural Consultant	P Lee/Iwi/R Searle	2 September 2022
10.	New date for the next meeting 31 October invitations to be updated	M Wetere	ASAP

Minutes of a meeting of the

Te Ohu Taiao (Environment)

Held on Zoom, Wednesday 25 October 2023, at 9.00a.m.

Unconfirmed

Present:	Ngāti Apa ki te Rā Tō (J Skilton), Ngāti Koata (T Kaonohi), D Ngāti Tama (D Stephens), Ngāti Toa Rangatira (T Williams), Te Ātiawa (R Love), Kaihautū (P Lee), Manager Community Engagement Capital Projects (P Shattock), Manager Consents and Compliance (C Miles), Acting Manager Capital Projects (R Dawkins)
In Attendance:	Kaituitui Māori (Casey Anderson), Kaitohu Matua (Mere Wetere), EA to Recovery Support Manager (Lisa O'Rourke), Recovery Support Manager (Bevan Thompson), Stantec advisers (Allanagh Rivers & Kelly Bombay), Senior Parks and Facilities Activity Planner (Carol Stewart) Consultant Planner, WSP New Zealand (Reuben Petersen), Team Leader Parks (Sarah Clarke), Administrator Parks and Facilities (Mareena King), Manager Parks and Facilities (Hannah Curwood), Project Manager (Lucy Clarke), Activity Engineer – Wastewater (Warren Biggs), Project Manager (Jonny Edmonds), Lead Technical Scientist, Stantec, (Kathryn Halder), SLR Holdings NZ Limited, (Rob Lieffering), Mātanga Māori – Tumuaki, WSP New Zealand (Jack Morris)
Apologies :	Group Manager Environmental Management (M Bishop), Ngāti Kuia (R Smith), Ngāti Rārua (G Stafford), Te Ātiawa (S Filipo), WSP New Zealand (H McDonald)

Karakia

1. Apologies

2. Confirmation of Minutes

2.1 9 August 2023

Document number M20246, agenda pages 4 - 12 refer.

Resolved TOTE/2023/006

That Te Ohu Taiao (Environment)

1. *Confirms the minutes of the meeting of the Te Ohu Taiao (Environment), held on 9 August 2023, as a true and correct record.*

Ngāti Apa ki te Rā Tō (J Skilton)/Ngāti Koata (T Kaonohi) Carried

3. Long Term Slip Remediation

Document number R27892, agenda pages 13 - 30 refer.

K Bombay provided a presentation on twelve specific slips, now encroaching on residential privately owned properties, resulting from the severe weather event of August 2022.

B Thompson advised some of the sites are still under red or yellow placards and the owners are not able to return to their properties. He said there was heightened anxiety from owners. Some owners have limited access to their properties, such as only back entrance, and the current spring weather is concerning for some of these residents.

Ngāti Apa advised that their interest is only noted for the first two sites and requested their interest be listed for the other ten sites.

Ngāti Koata had no cultural concerns relating to any of the sites.

Ngāti Tama requested that iwi monitors be engaged for every site and wanted to be contacted at the time of any of the remediation work. Ngāti Tama did not support a global resource consent process.

Te Ātiawa also requested iwi monitors on some of the sites and requested that Council follow the Accidental Discovery Protocol (APD).

Council advised that all contractors follow the ADP and supported iwi monitors during the remediation on sites identified being of cultural significance. Council will include the project on Te Parikaranga.

Resolved TOTE/2023/007

That Te Ohu Taiao (Environment)

1. *Receives the report Long Term Slip Remediation (R27892) and its attachment (NDOCS-2010958706-7031); and*

2. *Notes the preliminary findings regarding reasons for consent and potential requirements for iwi consultation; and*

Unconfirmed

3. Allocates the relevant sites which in the opinion of Te Ohu Taiao will require further engagement and consultation (if any).

Ngāti Apa ki te Rā Tō (J Skilton)/Te Ātiawa (R Love) Carried

4. Proposed Global Resource Consent - Slip remediation.

Document number R27826, agenda pages 31 - 41 refer.

C Stewart provided an overview of the project and enquired as to iwi involvement in the development of the resource consent.

Ngāti Tama advised they did not agree with a blanket global resource consent process. Their preference was to engage independently for each site, i.e., a separate resource consent for each site.

R Peterson advised that a global or area wide consent did not intend to reduce engagement with iwi and Council would undertake engagement for each slip remediation. Furthermore, iwi would be involved in the development of an individual site management plan for each slip.

Ngāti Apa also did not support global consents but appreciated that they could improve efficiency for Council. Ngāti Apa wanted to be contacted separately for each remediation that occurred.

P Lee recommended- the consent be renamed from 'Global' to a name that better conveyed its intention.

Council agreed to circulate a draft consent to iwi by end of November 2023.

Resolved TOTE/2023/008

That Te Ohu Taiao (Environment)

1. Receives the report Proposed Global Resource Consent - Slip remediation (R27826) and its attachments (196698121-51929 and 196698121-51923); and

2. Advises iwi preferences in regard to the overall proposal, and involvement with the consent development process.

Ngāti Tama (D Stephens)/Ngāti Koata (T Kaonohi) Carried

5. Global Resource Consent to Remove Vegetation on Land

Document number R27998, agenda pages 42 - 43 refer.

Unconfirmed

S Clarke provided a presentation on the current resource consents and the uses of these consents.

The examples included the Paremata Flats, Maitai River Clearance, the Tahunanui Front Beach sand dune stabilization, and ecological restoration plans.

Ngāti Tama advised they maintain ahikā at Paremata Reserve and were engaged with the planting. Ngāti Tama recommended Council engage with them in the first instance before engaging other iwi.

Ngāti Tama did not support a global consent, which echoed by other iwi.

R Peterson advised (similar to the previous item) the title 'Global Consent' did not accurately convey its intention.

S Clarke suggested iwi engagement could occur with the ecological plans Council had initiated.

Te Ātiawa asked about the riparian planting and whitebait spawning sites and if these would be impacted by the proposed spraying?

S Clarke advised that one of the conditions of the resource consent required an ecologist to assure Council the spawning sites would not be impacted by spraying.

Ngāti Toa recommended Council engage ESR – National Research who had already mapped nationwide the spawning periods of eels.

Te Ātiawa wanted to be kept engaged with the draft applications.

Ngāti Tama requested the planting of native species as part of RM145089 and RM145090.

It was agreed that R Peterson would share the draft resource consent applications and conditions with iwi. The Parks team would engage directly with Ngāti Tama on Paremata Flats and Wakapuaka.

Resolved TOTE/2023/009

That Te Ohu Taiao (Environment)

1. *Receives the report Global Resource Consent to Remove Vegetation on Land - RM135176, RM135176A and RM135176B to be lodged in February 2024*
2. *Notes - RM145089 and RM145090 – to remove damaged and dangerous trees will be lodged December 2023*

Ngāti Tama (D Stephens) /Ngāti Toa Rangatira (T Williams) Carried

Unconfirmed

6. Trafalgar Centre Replacement Footbridge

Document number R27981

L Clarke provided an update on the Trafalgar Centre Footbridge project and an overview of engagement with Pou Tikanga since February 2022. The project provided an opportunity to support iwi narratives and design in a location of cultural significance.

This project did not require a resource consent, but a building consent application was in process. Construction would commence in February or March 2024 with an opening ceremony.

Ngāti Tama said it was great to see increase of indigenising spaces. More information was requested on Toi Māori process and when a project may trigger engagement with iwi Taiao practitioners.

P Lee advised there is overlap in the iwi groups Te Ohu Taiao and Te Ohu Toi Ahurea. Currently we have an agreement supported by iwi management where Taiao projects are presented to Te Ohu Taiao and projects that involve arts and heritage are presented to iwi Cultural Managers via Te Ohu Toi Ahurea.

Ngāti Tama requested more clarity and asked what happens when Pou Ahurea were not available.

P Lee advised Council is open to working with the iwi to develop a process that works best for each iwi, but that this needed to be communicated to Council by iwi.

Ngāti Tama recommended that Te Ohu Whakahaere review the functions of each group and how iwi want to receive communications.

L Clarke will put the project on Te Parikaranga.

7. Update on Nelson North Wastewater Treatment Plant Resource Consent (NWWTP RC) Renewal

Document number R28028, agenda pages 44 - 52 refer.

P Lee provided a presentation on the background and iwi engagement process for the NWWTP RC renewal. The presentation acknowledged iwi preference to discharge to land over discharge to sea, and a desire for the NWWTP to move location.

The presentation provided an overview of the Nelson City Council (NCC) strategic oversight.

Ngāti Toa Rangatira did not support a 35-year resource consent application. They asked whether NCC had a report on sea level rise and the impact on the current location of the NWWTP.

Unconfirmed

W Biggs advised that the current sea leave rise, and the risk of flooding had been assessed and was not a concern up to 2070. He advised that climate change was changing all the time and Council will keep doing assessments.

Furthermore, Council has budget in the LTP to conduct an investigation for options for the NWWTP.

Te Ātiawa asked if Council had a date to move the location the NWWTP.

P Lee advised there was no date, as no decisions have been made which rely on an investigation of options.

W Biggs said throughout New Zealand projects similar to this would take 20-30 years to relocate. A consistent issue is that no-one wants a wastewater treatment plant as their neighbour. The budget required is several hundreds of millions of dollars and that the community would have to pay for.

P Lee advised there could be central government funding, but Council would need to have an indicative agreed plan to access these.

Ngāti Toa Rangatira advised that Blenheim are currently looking for a new plant as their current plant will be inundated in 15 years. She said it is important to work on solutions together as a priority in the LTP, even if it could mean an increase in rates.

Ngāti Apa ki te Rā Tō advised they will be preparing a CIA with Ngāti Kuia on the NWWTP RC renewal.

Ngāti Tama strongly disagreed with any discharge into the river or sea. They wanted to see a commitment from Council to exploring options to relocate the NWWTP. She believed this commitment would demonstrate meaningful engagement and partnership with iwi.

She was also disappointed at Council's decision to lodge the RC for 35 years despite iwi feedback that did not support it.

W Biggs advised that Council has several competing factors to balance regarding the length of the RC. Such as, minimising expense to the ratepayer (approximately $2 million dollars per application). This did not mean that Council will only consider a 35-year term but rather that it needed to factor all considerations.

R Lieffering, advised that the 35-year term is the maximum you can apply for under that Act. If Council had a plan or timeline to relocate the plant, then they could apply for lesser time. By applying for a maximum allows for all information to be provided, and an opportunity for a lesser time to be agreed.

P Lee advised that the decision to reduce the consent to 35 years needed to be escalated to management via – Te Ohu Whakahaere. She advised

Unconfirmed

there was no one in the meeting that could change the decision on a 35-year application.

The meeting agreed that the matter be escalated to Te Ohu Whakahaere.

Te Ātiawa asked about alternative treatment processes and what the issues impacting the Motueka plant were?

W Biggs advised the treatment process is different at Motueka compared to Nelson, the former has a filtration system which if blocked causes issues. The NWWTP is resilient in this respect.

He said that there are a range of technologies that could be applied such as a reduction in the use of ponds and more high-tech solutions. These are to be considered in a future piece of work, as already stated with reference to the LTP.

R Lieffering said the renewal application does provide for the possibility of an upgrade being required e.g., UV disinfection.

P Lee advised that Council lodge the consent renewal application in December 2023, but it would not be processed until the Cultural Effects Assessments (CEA)/Cultural Impact Assessments (CIA) were received from iwi in February 2024.

Ngāti Tama wanted Council to follow up with Ngāti Rārua who were not present, and J Edmonds advised he would contact everyone as an action.

Ngāti Tama requested that her comments be strongly worded.

Resolved TOTE/2023/010

That Te Ohu Taiao (Environment)

1. *Receives the report Update on Nelson North Wastewater Treatment Plant Resource Consent Renewal (R28028) and its attachment (**NDOCS-1736347531-13910**); and*

2. *Notes Council will support Te Tauihu iwi to carry out cultural effects/impact assessments to be received by February 2024; and*

3. *Notes Council intention is to apply for a 35-year resource consent in December 2023.*

4. *Agrees to escalate the discussion on NWWTP intention to apply for a 35-year resource consent at Te Ohu Whakahaere on 7 December 2023*

Ngāti Tama (D Stephens)/Ngāti Toa Rangatira (T Williams) Carried

Unconfirmed

9. Update on Kaupapa Māori Asset Management of Nelson City Council

Document number R28002

Mātanga Māori – Tumuaki, WSP New Zealand, J Morris provided an update on iwi engagement within seven NCC Activity Asset Management Plans 2023. The six Taiao plans were:

Environmental, Parks & Facilities, Solid Waste, Flood Protection, Three Waters, and Transport. The seventh AMP was Property. The aim was to develop a consistent approach to asset management based on seven tikanga Māori principles.

WSP engaged with Pou Taiao on all these AMP and provided an assessment summary to Council in September 2023.

A strategic thematic analysis of the seven AMP, with a Te Ao Māori lens was provided to Council with recommendations on how to integrate these.

Mr Morris advised that the Te Ohu Whakahaere hui with Iwi GM & CE recommended a measurement tool of the effectiveness of AMPs, in terms of social and cultural outcomes for iwi/Māori. Such an evaluation may show the benefits to iwi of a partnered approach.

The final WSP report and slide show would be sent out to Pou Taiao.

10. General Business

Ngāti Tama wanted to thank P Lee, her team, and Council Officers for having these hui.

There being no further business the meeting ended at 12.20p.m.

Unconfirmed

Actions from the meeting:

No.	What	Who	When
1.	Copy of the Accidental Discovery Protocol (ADP) sent to staff and Pou Taiao	P Lee	ASAP
2.	Update slip sites that do not have Ngāti Apa ki te Rā Tō interest listed	L O'Rourke	ASAP
3.	The ADP to be adhered to during the remediation works by contractors	L O'Rourke	During works
4.	Engage Pou Taiao to provide feedback on sites of interest and appropriate iwi monitor provider	L O'Rourke	14 Nov 2023
5.	Update Te Parikaranga with information on project	L O'Rourke	ASAP
6.	Council to engage directly with Ngāti Tama regarding Paremata Flats and Wakapuaka.	S Clarke	ASAP
7.	A draft 'slip remediation' resource consent will be circulated to iwi for feedback.	R Petersen	30 November 2023
8.	A draft vegetation and damaged trees resource consent will be circulated to iwi for feedback	R Peterson	30 November 2023
9.	Clarification sought from Te Ohu Whakahaere on the functions of each group and communications.	P Lee	5 December 2023
10.	NWWTP RC Renewal 35-year term application be escalated to Te Ohu Whakahaere.	P Lee	5 Dec 2023
11.	Engage Ngāti Rārua Pou Taiao to provide an update and enquire on whether they will conduct a CEA or CIA.	J Edmonds	ASAP
12.	NWWTP RC Renewal presentation loaded to Te Parikaranga.	P Lee	ASAP

Unconfirmed

13.	WSP Report and summary slide to be sent out to Pou Taiao	M Wetere	ASAP

Unconfirmed

From:	Helen Brown
To:	Kura Strafford (rma@ngati-tama.iwi.nz); Daren Horne (daren@teatiawatrust.co.nz); (alice@ngatikoata.com); Rowena Cudby; karewarewa@hotmail.com
Cc:	Warren Biggs (warren.biggs@ncc.govt.nz); Kathryn Halder
Subject:	Nelson City Council - NWWTP Resource consent project
Date:	Friday, December 11, 2020 10:17:00 AM
Attachments:	image002.jpg

Kia ora koutou,

Thank you for attending the site visit on Wednesday. It was great to meet you all in person and I hope you found it informative. Daren, if you're planning to come to Nelson at some stage in January, let's see if we can organise a site visit.

Thinking ahead to next year, there are a few things we'd like to progress:

1. Ideally by the end of Jan/early Feb - Gain an understanding of cultural health indicators and values to feed into the assessment of alternatives process. I understand that Daren has a computer model with the areas of interest mapped. Maybe we can use this as a starting point?
2. Schedule the next Iwi working group meeting, I'll send out an invite for early February.
3. In regards to the draft terms of reference, if you have any advice or feedback please let me know.

Please feel free to give me a call with any queries.

Ngā mihi,

Helen Brown
Project Manager

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M 021 0850 6298
nelson.govt.nz

Nelson North Wastewater Treatment Plant Resource Consent Project

Project Update for Iwi Partners

28 October 2020 – Time 2.30-3.30pm

Nelson City Council & Stantec


Outfall
Boulder Bank
Hillwood Stream
Todd Valley Stream
Todds Valley
Glenduan
Wakapuaka
Wakapuaka River
Hira
Todds Valley
Port Nelson
Maitai River
NELSON
Lud River
Teal River

Location

NWWTP Overview



- Prior to 1970's, untreated wastewater discharged to Boat Harbour.
- The North Nelson Wastewater Treatment Plant (NWWTP) was first constructed in 1979 with the establishment of current 26ha oxidation pond to treat sewage.
- In 1996 the existing oxidation ponds were sub-divided into two interlinked ponds, to improve discharge quality into Tasman Bay.
- In 23 November 2004 Council obtained its current suite of consents for a 20 year term. The consents expire on 1 December 2024.
- During 2007-2009 a significant WWTP upgrade was undertaken which included the construction of new pre-treatment facilities and two wetland cells (commissioned Sept 2009 and developed in partnership with iwi).

Project Overview



- Council is seeking to obtain consents for the development, maintenance, use and ongoing operation of the NWWTP for the next 35 years.
- As part of the resource consent process an assessment of alternative treatment types and discharge types and locations will be considered and a Best Practicable Option (BPO) developed with input from iwi Partners as well as specialists, and key stakeholders.
- The long term strategy of wastewater management for the Nelson Region is being considered as part of a wider project.
- Consultant and Technical team is Stantec, Cawthron, MetOcean, NIWA with input from other specialists, partners and key stakeholders.



Key Dates

- The project was initiated in 2019.
- First communication to Te Tau Ihu Iwi was in March 2020. Letter to key external stakeholders was issued in July 2020.
- Select the Best Practicable Option by August 2021.
- Plan to lodge new consent applications before April 2024.
- The application must be lodged 6 months before expiry to ensure that wastewater treatment services can continue to be provided at NWWTP.
- Nelson Plan – notification currently planned for February 2022. Provisions concerning discharge have legal effect on notification.

Wider Considerations

- ❑ Statutory Considerations
- ❑ Sea Level Rise (SLR)
- ❑ Flooding from rivers and streams
- ❑ Natural Hazards
- ❑ Significant Natural Areas (SNA)
- ❑ Carbon Emissions
- ❑ Long term strategy for NWWTP
- ❑ Growth Projections & Future Development Strategy (FDS)
- ❑ Atawhai Rising Main
- ❑ Technical advances



Outfall Sewer 1969

Environmental Assessments and Monitoring

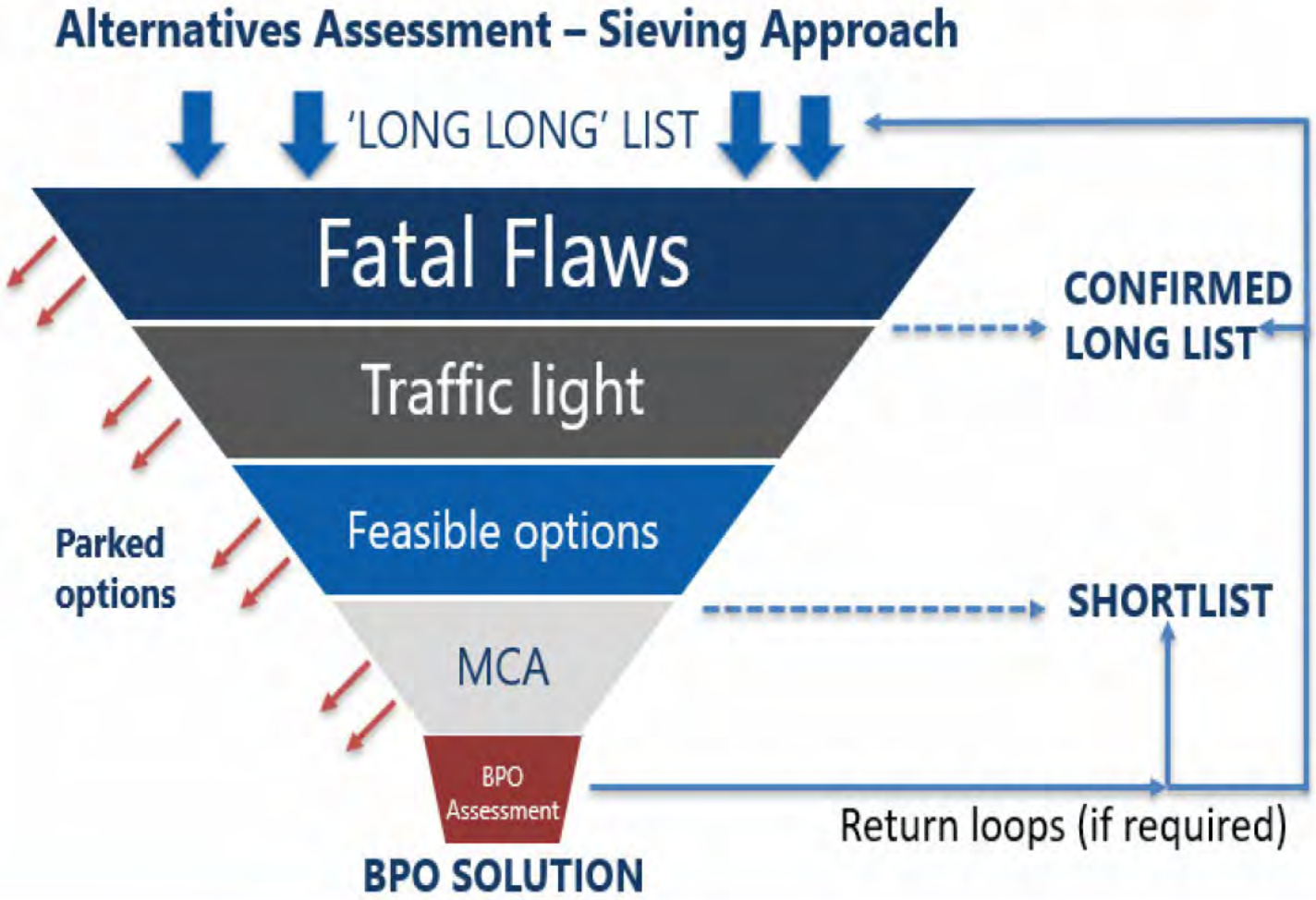
- ❑ Maori Cultural Effects Assessment (CIA)
- ❑ WWTP and Sludge Monitoring
- ❑ Surface and Groundwater monitoring (impact of seepage)
- ❑ Oceanographic monitoring programme (to confirm mixing zone from existing outfall)
- ❑ Ecological monitoring (both terrestrial and aquatic ecology)
- ❑ Dilution and dispersion Modelling (to determine Coastal dilution and mixing zones for coastal discharges)
- ❑ Odour assessments
- ❑ QMRA – Public Health Assessment (need input from stakeholders on how the area is used)
- ❑ Archaeology
- ❑ Recreation including public access to the CMA
- ❑ Wetland management
- ❑ Contaminated land



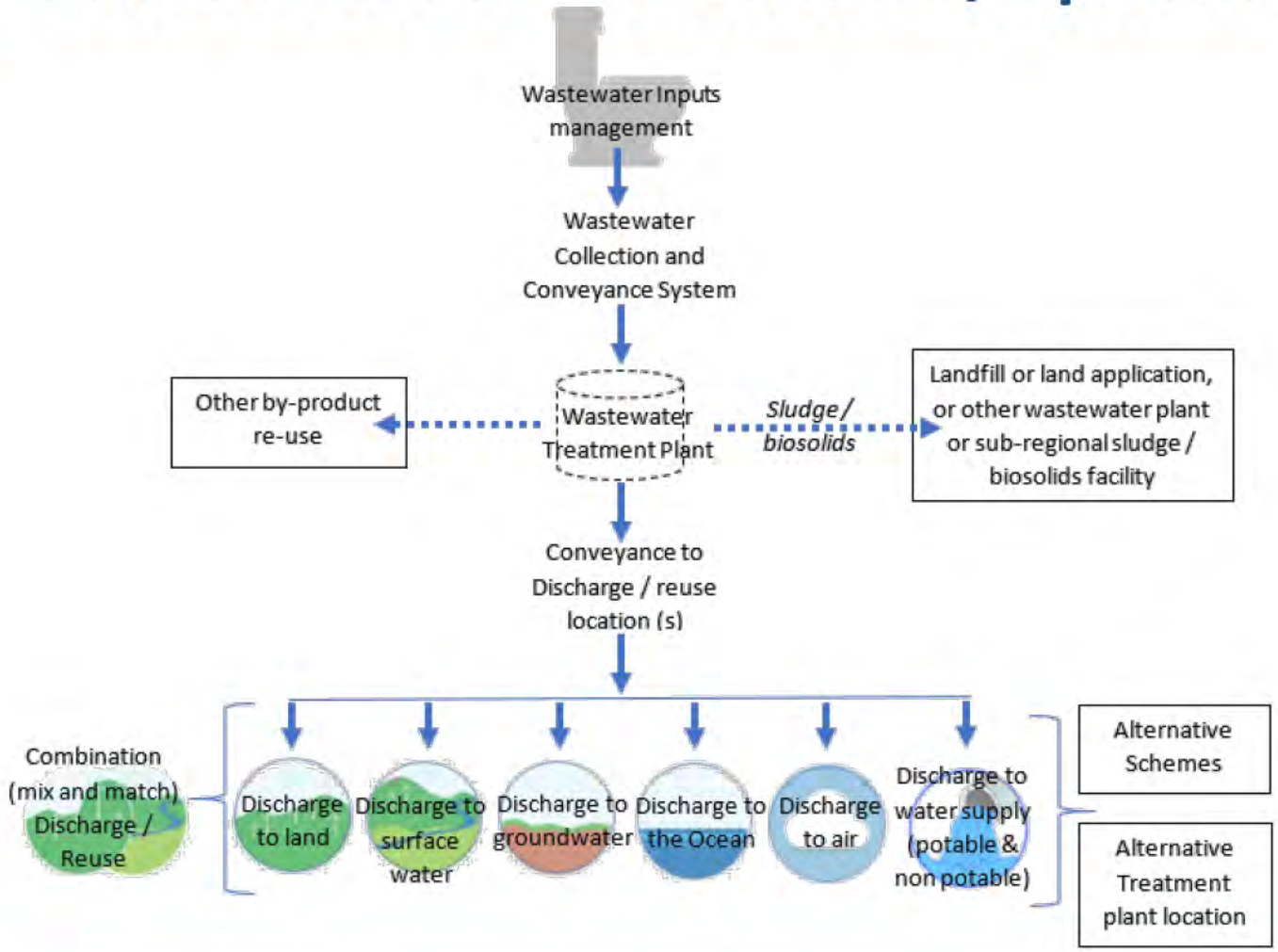
Best Practical Option (BPO)

- BPO is defined under the RMA
- It is often used by local authorities as the objective in projects like this. BPO approach works with tāngata whenua, key stakeholders and other communities of interests in determining the most appropriate solution.
- Nelson Resource Management Plan – Policy CM6.7 also requires a BPO to be undertaken in respect to of the method of treatment prior discharge.

Assessment of Alternatives /Options Process



Assessment of Alternatives /Options Process



Stages of the wastewater management process

Deliverables and Activities

1. Partner with Council on the NWWTP resource consent project
2. Provide an initial desired outcome paper/presentation that will input into the assessment of alternatives process
3. Provide input into the project vision and objectives that will be used to guide progress
4. Provide input into the fatal flaws criteria that will be used to refine the long list of alternatives
5. Provide a cultural impact assessment on the Best Practicable Option that is selected
6. Partner with Council on the long term strategy for wastewater treatment in the Nelson Region

2877 - NWWTP - Iwi Working Group Meeting - 9th February 2021 - 2.30pm

Attendees:
PK Pete Keyanonda representing Ngāti Rārua and Ngāti Koata
DH Daren Horne and SH Sylvie Heard representing Te Ātiawa (by zoom)
DL David Light, WB Warren Biggs, GG Garreth Gabb, HB Helen Brown (Nelson City Council)
KH Kathryn Halder (Stantec)
Apologies:
Alec Louverdis (NCC)
Kura Stafford (Ngāti Tama)
Tracey Kingi (Ngāti Kuia)

HB - 3 key items on the agenda:
1. Are the wetlands meeting their cultural intent/Planting die back at the wetlands
2. Understanding Cultural Health Indicators for the wider resource consent renewal project
3. Current issue with TSS levels

DH - opens the meeting with a karakia.
KH - presents a brief power point presentation (A2570233) that covers changes to the wetlands over time and the emerging increase in TSS levels.

1. Are the wetlands meeting their cultural intent/Planting die back at the wetlands

KH - asks iwi representatives for feedback on the wetlands

PK - have NCC considered alternative plant species?
KH – Stantec have completed a review on what options worldwide could work. This meeting is to focus on the current wetlands and what changes, if any, are needed within the constraints of the current site and facilities. The consent renewal process is look at the wider discharge and land application options as part of the assessment of alternatives.
The 3 species used in original planting plan and are understood to have been selected for cultural reasons - jointed twig rush, jointed Baumea (Machaerina articulata), kuta, bamboo spike sedge (Eleocharis sphacelata) and kuawa, lake club rush (Schoenoplectus tabernaemontani). We could try other species but there is no guarantee they will survive. One Species not included in the original planting plan is Raupo, Bulrush and this could be considered although it is understood that this dies back each year and could cause operational challenges.

DH – apologises for not attending the site visit but is familiar with the area. Raupo is a cultural plant. Washed out during the rainy season. Migration route for inanga. Opportunity for inanga to spawn. Have we tried floating beds? Interested in maintaining a good habitat for insects. There was some CHI monitoring done in 2012, is there an update on this?
GG – there wasn't the budget for floating beds at the time, that's why the raised rock beds were created.

DH - asks if there are any fish?
GG advises that he hasn't seen any fish. There's a lot of insect life though. The outlet from the wetlands has a non-return valve. The rock groin also effectively acts as a filter so provides a barrier for fish to get through the system, but not impossible. Could try some electric fishing at the sides of the wetlands and see if there was anything? DH agrees.

SH – based in Waikawa and isn't familiar with the project at this stage. Interesting that electric fishing is not currently part of the management process. How long is the consent for?
KH – the current consent expires in 2024. To enable council sufficient time to undertake a long term assessment of wastewater management for the whole region and secure an alternative site if needed, the consent duration sought will be 35 years.

DH – notes that not long after the original development of the wetlands, there was an increase in birdlife. Is that still a problem?
GG – duck count can be 100's to 1000's depending on the season. Mainly ducks, swans and pukekos. The birds can do a lot of damage to the plant life.

DH – how have the recent droughts affected the area?
GG – there has been some impact

KH – could Iwi advise what elements of the wetlands work well at this stage?
DH – Harakeke is a cultural plant – variety of planting may help. Are there any trails or tracks in the area? Are there any issues with horse riding?
DL – Council currently has a project to construct a new track and cycle path that will connect with Schnappers Point. There was a recent tragic accident with a young boy drowning in a pond in Gore. Council is currently looking at health and safety issues around fencing the wetlands and ponds.
KH – The surrounding DoC and conservation land is well used by the community.

DH – are there any duck hunting permits issued in the area?
KH – not for the NWWTP area. Mainly for the adjacent DOC and conservation land.

PK – the positive aspects of the wetlands are that it polishes the discharge. Iwi wouldn't want the wetlands to become dilapidated but as long as it remains functional that would be sufficient. It would be helpful to know more about the alternative species of plants.

KH – what are the key elements that meet cultural aspirations. Is it planting in the water body? Planting in the surrounding area where it can be easily accessed / harvested, more rock weirs, discharge to land?
PK – cultural health indicator monitoring is required to provide advice on this.
DH – is there currently any CHI monitoring taking place at the plant?
KH – CHI monitoring is not a requirement of the current consent but it would be good to start some now so we can establish a baseline. Can iwi provide a suitable CHI regime?
DH – the cultural space covers all aspects. Both in the water and the land around. Iwi would like to see diversity of water flow. The long term vision would be to re-establish customary practices using the planting in the area.

DH - How does the plant operate during wet weather?
GG – the ponds regulate their levels with the wetland. We can regulate the flow but we don't like to adjust the wetlands too much.

KH – is the long term goal that iwi are going to harvest the planting around the wetlands?
DH – ideally yes. It would be good for schools to come in and learn how to gather and utilise the planting/resource. Okpu is traditionally used for grass skirts. Again a long term goal would be to understand what bird species are there for customary practices around making cloaks.

PK – will there be a point when the planting propagates itself?

KH – the planting will always need to be managed. It's a balancing act as too many plants can cause operational issues.

WB – does the wetland meet iwis requirement for discharge to land?
PK – the wetlands are certainly better than a drip irrigation system.
DH – Iwi will always prefer a land over discharge to sea. Discharge to water is totally culturally offensive.
SH – sees a lot of value in the wetlands. How vulnerable is the site to sea level rise?
WB – Council has done SLR modelling out to 2070. The site itself isn't inundated during this time.
DH – are there options for relocation?
KH – yes. Council is starting a project to look at the long term strategy and assess alternative locations. To get a new plant up and running could take 25-30 years.
DL – the project is starting next year and will run over the next 4 years. Other aspects like carbon discharge will also be assessed.
KH – it will take into account the whole network including NWWTP and Bells Island WWTP.

DH – what is the consent term sought this time?
KH – to give council time to consider the alternatives, a consent term of 35 years will be applied for.

PK – as Council is going for a long term consent. It would be helpful to have some flexibility built into the consent. Changes to suit whanau needs, regular CHI monitoring etc.
KH – yes that would be something that needs to be discussed in more detail as the project develops to provide iwi with the confidence of the process and term sought. Periodic reviews to take into account changes in technology is something we have incorporated into other similar consents in the past.

2. Current issue with TSS levels

KH – during the presentation KH explains the emerging issue with TSS levels trending upwards. Tends to be a seasonal risk and increased algae levels contribute to the suspended solids level. Further advice has been sought from Cawthron and Council is proactively monitoring the situation.

PK – a greater diversity of planting may help with the elevated TSS issue.

3. Understanding of Cultural Health Indicators for the wider resource consent renewal project

KH – All of the alternatives will be assessed against iwi values and desired outcomes. To do this Council require a paper or an email from each iwi, represented by their waka that provides the first part of the Cultural Impact Assessment, noting values and aspirations for the area.
Baseline CHI monitoring is also important that we can work together to start monitoring Ideally this would be in a single response within the next 4-8 weeks. Maybe it could be provided before the next Iwi working group meeting?

KH – we will send an email that summaries the information required.
DH – Te Ātiawa are currently working with TDC on a similar project. What is the monitoring regime at the moment?
KH – we're doing fortnightly monitoring at the plant. Monthly monitoring of groundwater and the stream. Getting to the end of the first quarter of results for groundwater and surface water and the second quarter for additional monitoring at the plant and coastal marine area. This is over and above what is undertaken for consent monitoring and as part of the pond management.

DH – requests a copy of results. Te Ātiawa can provide a CHI monitoring regime.
KH – yes, we can send the current monitoring regime and the quarterly summaries can be present at the iwi working group meetings.

DH – asks if other Iwi are included in this consultation process
HB – Council initially contacted all eight iwi. Through subsequent meetings it was agreed to work with representatives from the 3 Waka.

PK – will be meeting with Rowena and Alice this Thursday and will discuss the CHI monitoring with them

DH – closes the meeting with a Karakia

(3.30pm – meeting closed)

2877 - Nelson North Wastewater Treatment Plant (NWWTP) resource consent project

Notes of hui with Iwi Partners Thursday 6 May 2021 – 9.30 to 10.30am, via Zoom and Stantec office (Richmond) with Iwi Partners, Nelson City Council and Stantec NZ

Attendees:

Daren Horne - Te Ātiawa
Kura Stafford - Ngāti Tama
Rowena Cudby - Ngāti Rārua
Kathryn Halder – Stantec
Grant Russell – Stantec
Helen Brown – Nelson City Council

Apologies:

Pete Keyanonda (Contractor) - Ngāti Rārua
Julia Eason – Ngāti Kuia
Alice Woodward - Ngāti Koata

Agreements and Actions:

1. Iwi will have an internal hui to discuss the scope of the CHI monitoring regime. Helen will follow up within the next few weeks on progress
2. Helen will send the notes of this meeting to the circulation list at the end of this document
3. Helen will circulate a summary of discussions to date including copies of documentation issued
4. NCC/Stantec will confirm experts who can assist iwi representatives during the project
5. Iwi require – Maps from the future development strategy and coastal hazards

Documentation required by the project team:

6. Cultural Values papers from each Waka representative. Ideally by 4 June please – subject to hui outcome
7. Agreed scope of works for the CHI monitoring regime. Ideally by 11 June please – subject to hui outcome

Notes of discussion:

Helen provides a brief summary of the project to date. It was noted that NCC are examining the long-term strategic ‘view’ of wastewater over the next 100 years. This is planned to commence from July 2021.

As part of Te Akina Te Taiao Ltd (Te Akina) , Daren worked on the 2014 CHI monitoring report. Te Akina is no longer active. There was an intention to follow up on the 2014 CHI recommendations but this didn’t occur. The new CHI work will essentially be an update of the 2014 report. Daren would like to seek direction from iwi partners on how to move forward from here to undertake this work.

Kura acknowledges that Daren will lead the CHI monitoring and has had an intial discussion about this work with Daren.

Kura – CHI monitoring is required to run alongside the scientific monitoring. To do this Iwi will need to develop a framework and agree to the attributes that will be monitored. An internal conversation (kōrero) with Iwi is required.

Kura notes the 11 February 2021 email where Helen asked for a cultural values paper to be provided by 25 March 2021. Due to workload, that hasn't been completed. Through the shared pathway project, some CHI monitoring was done on the Whakapuaka sandflats.

Rowena supports Te Ātiawa carrying out the CHI monitoring work.

Kathryn sees the partnership working throughout the life of this project and beyond through the long term strategy. Stantec are proposing a new staged approach, with a cultural values paper to be provided at the start of the process. The cultural values can then inform the BPO selection process rather than being done as a CHI at the end of the process. For Cultural health monitoring to be undertaken initially to update the baseline, and to make recomendation for ongoing monitoring requirements throughout the life of the project.

Kathryn answers Kura query about alternatives. During this project we will assess alternative treatment and discharge options but not alternative locations. Alternative locations will be investigated as part of the long term strategic project.

Kura notes that to consider alternatives is a third piece of work and queries whether this will cover the wetlands.

Kathryn – yes the alternatives will consider the wetlands and any changes required. We are seeking input from iwi on the longterm use and health of the wetlands and also the wider area including the streams around the treatment plant site and the Boulder Bank and Tasman Bay where treated wastewater is currently discharged. It would be also good to understand key areas / locations within the surrounding area used by iwi including within the Haven.

Daren – the CHI monitoring will be a status update report from 2014 and provide information around customary practice. The assesment will cover the surrounding environment. Iwi focus is on a long term timeframe.

Kura summaries that a cultural values paper is required from each iwi within the framework of the working party, a framework for the CHI assessment and work around the assessment of alternatives. Can Council resource iwi to do this work?

Helen – yes, budget to resource iwi has been included in this project.

Kura – lots of CHI work is underway nationally. There is good understanding of the process.

Daren – there is a clear definition of CHI index on point 3 of the 2014 report.

Kathryn – In terms of timeframe the most critical thing we need at present are the cultural context values papers, then the CHI status report.

Kura – Iwi need the information and capability to inform Council. For the Motueka WWTP, Council brought in experts who had previsouly worked with Iwi. For example Chris Tanner from NIWA. The discharge of WW to the marine environment is essentially abhorrant to Maori. The experts had worked with iwi before and assisted iwi to better understand the alternatives and the advantages and disadvantages of each. Can experts be made available iwi to progress this project.

Kathryn - there is a wide project team of experts available for iwi to tap into including NIWA, Cawthron and Stantec.

Kura – we need to ensure that the iwi group is widened to include all iwi who may have an interest. The notes of this meeting should be circulated to them.

Discussions follows about who needs to be involved. The agreed list of representatives is included at the end of these notes.

Kura – in July last year a draft terms of reference (ToR) was issued.

Helen – through the Te Ohu Taioi meetings it was agreed that a ToR was required to guide this group. NCC issued a draft ToR for discuss but things moved quickly onto the wetlands and we didn't resolve that issue.

Helen – will provide a summary of the discussions to date and a copy of any information previously circulated for everyones records.

Rowena – the CHI monitoring will be included in the existing consent? And what will be the term of the new consent?

Kathryn – yes, the CHI monitoring will inform the new consent. The term of the consent to be applied for will be agreed through this process. Consent duration needs to allow for sufficient time for any recommendations of the long term strategy to be implemented including land purchase, consents and construction if required. Any alternative location will be a long term goal. This will be investigated via the long-term strategic project.

Discussison around what information will be required by Iwi. Future development stratgey, particularly the maps and coastal hazards mapping to be provided by NCC.

Grant – this has been a productive meeting and we have a clear path to move forward.

Daren closes the meeting at 10.30am.

At this stage no date was set for another hui for this working group. This will no doubt be addressed at the internal hui noted earlier.

Circulation list for these notes:
All attendees of this meeting and those listed below:
Alice Woodward - Ngāti Koata
Ngāti Kuia – Julia Eason

From:	Helen Brown
To:	Kathryn Halder; Russell, Grant; Daren Horne (daren@teatiawatrust.co.nz); Kura Stafford; Rowena Cudby; tracey.williams@ngatitoa.iwi.nz; naomi@ngatitoa.iwi.nz; (julia@ngatikuia.iwi.nz); taiaoadvisor@ngatiapakiterato.iwi.nz; Taiao | Te Ātiawa Trust; Alice Woodward
Subject:	Nelson City Council Wastewater Treatment Plant Resource Consent Project
Date:	Wednesday, May 19, 2021 10:04:00 AM
Attachments:	2877 NWWTP Notes of meeting Iwi NCC Stantec 19May2021.docx

Kia ora koutou,

Nelson City Council is currently working with Iwi Partners on the Nelson North Wastewater Treatment Plant Resource Consent Project.

Te Ātiawa has offered to undertake Council Cultural Health Indicator (CHI) monitoring at the treatment plant. A meeting was recently held with Waka representatives to discuss this issue. The notes of this meeting are attached for your reference. From here, I understand that a hui will take place to discuss this issue internally.

In summary, the project team would like the following deliverables from iwi please:

1. Cultural Values papers from each Waka representative. Ideally by 4 June please – subject to hui outcome
2. Agreed scope of works for the CHI monitoring regime. Ideally by 11 June please – subject to hui outcome

I will follow up with Daren in the next few weeks to discuss the outcome of the hui. If you have any questions specific to the CHI monitoring, then please get in touch with Daren on 0273805522 or by email.

Nāku iti nei, nā

Helen Brown
Project Manager

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M 021 0850 6298
nelson.govt.nz

From:	Helen Brown
To:	Kura Stafford; Daren Horne (daren@teatiawatrust.co.nz); "Julia Eason"; "Alice Woodward"; Jennifer Skilton; naomi@ngatitoa.iwi.nz; Rowena Cudby; tracey.williams@ngatitoa.iwi.nz
Cc:	Warren Biggs (warren.biggs@ncc.govt.nz)
Subject:	Nelson City Council - Nelson North Wastewater Treatment Plant Resource Consent Project
Date:	Wednesday, June 2, 2021 1:10:00 PM

Kia ora koutou,

This is a follow up on my email of 19 May.

Nelson City Council is working with representatives from the three Waka on the Nelson North Wastewater Treatment Plant Resource Consent Project. To date, Ngāti Tama, Te Ātiawa, Ngāti Koata and Ngāti Kuia have been involved.

Cultural Health Indicator (CHI) Monitoring

Through iwi working group meetings, it has been agreed that the CHI report from 2014 should be updated so that iwi can advise Council further. As the 2014 report was produced by Tiakina te Taiao, the opportunity to partner has been extended to iwi who were involved at that time.

Te Ātiawa have offered to undertake the CHI work with agreement from other iwi.

A summary of responses I have seen to date are as follows: proposal supported with no further action required from Ngāti Rārua and Ngāti Toa Rangatira; proposal supported with scope of works requested from Ngāti Tama; awaiting response from Ngati Koata (I understand Alice doesn't have wifi at the moment), Ngāti Kuia and Ngāti Apa.

I understand that a hui will be organised shortly to discuss the CHI monitoring. Ideally we'd like to have an agreed approach by mid June if possible please.

Cultural Values papers

Cultural Values papers are required to inform the assessment of alternative processes. Ideally we would like to receive these in early June please.

If Council can offer any assistance to complete this work, then please let me know. I wondered if Pete Keyanonda or Ursula Passl may have capacity to assist?

Please keep me in the loop with progress and feel free to give me a call if anything is unclear.

Nāku iti nei, nā

Helen Brown
Project Manager

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NWWTP Resource Consent Project - Iwi Working Group

Minutes from meeting on 20 October 2021 at 3.30pm

Attendees:

NCC: Alex Louverdis, David Light, Eddie Powick, Warren Biggs, Gareth Gabb, Paul Shattock, Helen Brown, Rob Searle

NCC Councillor: Brian McGurk

Stantec: Kathryn Halder, Grant Russell, Jim Bradley

Tainui – Ngati Koata: Alice Woodward

Tokomaru – Te Atiawa: Daren Horne

Ngāti Rārua, Te Atiawa: Aneika Young

On behalf of Ngāti Rārua: Pete Keyanonda

The meeting opened with a Karakia.

Introduction - Project Development Update

Kathryn gave an overview of the process, and in particular the assessment of alternatives process to date, for NCC to obtain the Resource Consent for the NWWTP that expires in Dec 2024.

This process, as previously presented to the iwi working group, established a long list of options, grouped into seven categories, and developed a range of criteria as a filter to rule out an option that was fatally flawed. Aneika noted that there would be some 'non-negotiables' in terms of cultural values that would need to be considered. Kathryn highlighted that at any stage new information or options can be assessed and applied via a return loop in the assessment of alternatives process.

The current stage of the assessment of alternatives is finalising the next level of filters (nine in total), referred to as Traffic Lights, to establish the short list. These Traffic Lights include a Cultural Values filter. The objective of this session was to complete this component, detailing the Cultural Value and what would be defined for an option to meet the criteria well (green), to marginally meet it (amber) or fail to meet it (red).

The short list (approx. 6 total schemes) would then be worked through using a more detailed multi-criteria assessment (MCA) exercise to establish the Best Practicable Option (BPO) for the future of the NWWTP. The Cultural Heath Indicator work being led by Te Atiawa with support from the iwi project working group would help to inform the MCA.

The Resource Consents application for NWWTP to operate will be based on the BPO.

Discussion - Establishing Project Cultural Values

It was agreed that, considering the format of the meeting and the large number of people in attendance, combined with a new member and all three Waka not being present, that the best way forward would be to meet individual iwi and to include someone who is familiar with the options and process would be more appropriate. This group would work to establish the cultural values to be used as a filter for the current long list of alternatives whilst drawing on the knowledge of other iwi as required. From this, the working group can be updated, and the traffic-light process completed.

There was also a good discussion around the history of partnership over the life of the NWWTP and the establishment of the wetlands and it was agreed that copies of previous CHI studies or CIA's would be circulated to the iwi project working group.

Key Actions:

1. Kathryn to arrange meeting with the working group Iwi representatives.
2. Rob / Helen (NCC) to provide a summary of the history of partnership over the life of the NWWTP and this specific project. This will include copies of previous CIA and CHI's that have been prepared for the NWWTP and surrounding area.
3. Rob to facilitate the documentation of the culture values specific to the NWWTP site and RC project.

During the discussion, Daren said that he was hoping to do a CHI assessment, similar to that undertaken in 2013/14 when the ponds were de-sludged, on NWWTP in the next two weeks.

Action:

4. Rob to facilitate site visit for CHI assessment.

Following the Karakia, the meeting closed at 4.00pm.

From:	Rob Searle
To:	Rob Searle
Subject:	NWWTP Resource Consent Renewal Project - follow up action from Working group meeting on 20 Oct 2021
Date:	Wednesday, November 10, 2021 1:51:21 PM
Attachments:	2877 NWWTP RC - iwi partnership summary 10 Nov 2021 (A2783142).pdf 2877 NWWTP Cultural Health Indicators report from 2014 March2021.pdf Sewer Report - A Culteral Impact Assessment of the Nelson Sewerage Scheme & Ponds Final Copy - Aug2003 - Dean Walker,Wayne Bunt, Moetu Stephens.TIF 2877 NWWTP Iwi working group minutes 20 Oct 2021.pdf

Kia ora koutou

Further to the Iwi working group on 20 October 2021, I had an action to provide the history of partnership with iwi relating to the NWWTP and this project, and to provide copies of CHIs undertaken - all of which are attached (I have also attached a copy of the minutes from the meeting on 20 Oct 2021).

If you have any questions, please do not hesitate to contact me.

Ngā mihi

Rob Searle
Project Manager
Kaiwhakahaere Kaupapa

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Nelson City Council
te kaunihera o whakatū

Location File Ref: A2790902

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17 November 2021

Memo To: Alice Woodward; cc Kathryn Halder

Memo From: Rob Searle

Project Manager

Subject: NWWTP Resource Consent – summary of meeting on 16 Nov 2021

Thank you for attending the meeting with Kathryn and myself on 16 Nov 2021. We are both grateful and value your input and help on the NWWTP Resource Consent project.

Below as a summary of the meeting:

- We gave an overview of the process the project has gone through, the various stages and types of options being considered for wastewater treatment at NWWTP and outlined how we need to be able to add a Māori cultural lens "traffic light' across all the options in order to select the Best Practicable Option (BPO). The Māori lens is one of a number, including social, economic, environmental, future growth, resilience etc, that need to be used to reduce the options stage by stage until we reach the BPO. This process will be done in partnership with iwi through individual meetings and via the iwi working group.

- The NWWTP location: from our discussion we understand that this is a concern to iwi as the site is a significant battle site and an old pā site. The environment has changed from wet/dry salt plain and iwi are no longer able to gather food from this area. The long-term consideration for a potential new wastewater treatment plant (WWTP) location are not part of this project but this will be considered by NCC in the near future.

- Wildlife / Wetlands: You confirmed that the wetlands are very important as they allow for discharge to land and the plants help filter the wastewater, although this still subsequently is discharged to the sea. As the wetlands accept water from the NWWTP they are seen as contaminated. The wetlands and surrounding areas could be enhanced to increase the plant filtration effect, increase the contact to land and promote additional wildlife. Additional non-native planting in the ponds, suited to the environmental conditions, might be acceptable if this assisted the filtration of water and/or promoted heathier wildlife. You also would like to see some of the adjacent land returned to salt marsh.

- Discharge to the sea: The outlet pipe approx. 350m offshore and 4m deep. The computer modelling undertaken by the project shows the desperation of outflow. You thought that it would be useful to undertake an exercise to validate the model (this would be done with some dye tracing tests) and show where the discharge flows in relation to areas of interest that you can provide to us. Extending the pipe further out into the sea would be considered positive but the benefits would have to be balanced against any disturbance to the seabed and the Boulder Bank.

- Buffer pond: You expressed concern about the function of the buffer pond in relation to the amount they can hold, how long it is held and the effect it has on the overall system. We outlined that the buffer pond was establish for the desludging exercise in 2014 and that they provide additional holding capacity for wastewater, typically when the system is under pressure from storm water infiltration. Any water held in the buffer pond is return to the

system for treatment and nothing bypasses the oxidation ponds and wetlands. We agreed to provide more detail on the holding volumes/times and frequency of use of the buffer pond.

- Mixing Water: you said it is not acceptable to mix water from different sources and did not feel a manged aquifer recharge option would be accepted. The use of treated water as 'grey water / non potable' would be an option to be considered further.

- Discharge to land: We summarised the work of PDP who looked at the feasibility to discharge to various land types and locations. The options are extremely limited due to the topography of the area, and it would not be possible to discharge all wastewater to adjacent agricultural land especially in wetter periods. In addition, the areas suitable to discharge to local forestry would eventually drain in or towards Cable Bay and you confirmed that this would not be desirable given the significance of Cable Bay to iwi.

- Odour: You said that you had not heard of any complaints from odour from NWWTP.

- Treatment Options: You would welcome the additional treatment for pathogens. This could be done with the introduction of u/v treatment prior to discharge. Improving the treatment of the water for land use would also be welcome. The additional treatment to be able to drink the water would be very expensive and may not be acceptable to many.

- Test Data: You would like to see an annual report of treatment tests and discharge quality with comparisons to previous years.

- Traffic Light filters (initial comments):

    - The overall quality of water discharged is the most important factor
    - Not polluting the environment is also very important
    - Improving the process by adding the treatment to pathogens was positive
    - Discharging further out to sea would be positive but needs to be assessed against the impact on the sea bad and to Boulder Bank.

Agreed actions for Alice:

1. Provide details of locations of significance or areas where food has been gathered so we can assess the concentration of contaminants at these location and potential risk to human health and also understand how we might be able to improvement the overall environment.
2. Investigate whether the use of non-native plants planted in the wetlands would be acceptable.
3. Review whether the disturbance of the Boulder Bank and potential impact on the seabed and is too great versus the benefit of increasing the length of the discharge pipe into the sea.
4. Discuss with others the cultural significance of rock or contact with land of the treated wastewater prior to discharge.
5. Discuss with others whether cultural practices and food gathering could return to the area if the quality of water was acceptable or if the presence of a WWTP in the area would prevent this irrespective of water quality.
6. Confirm whether the modified habitat that now allows for duck life is more, or less, valued than returning the land to its original habitat and ecology and loosing these new species.

Agreed actions for Rob/Kathryn:

1. Provide information on the volume capacity and use of the buffer pond.
2. Provide test data and establish an annual report of test data and comparison to previous years (note: we aim to do this in early February in order for one year's worth of project monitoring data to be available).
3. Establish the scope of the wetlands enhancement project stream in relation to the salt flats and surrounding areas.

Nelson City Council
te kaunihera o whakatū

Location File Ref: A2792234

When calling
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23 November 2021

Memo To: Aneika Young; cc Kathryn Halder

Memo From: Rob Searle

Project Manager

Subject: NWWTP Resource Consent – summary of meeting on 16 Nov 2021

Thank you for attending the meeting with Kathryn and myself on 16 Nov 2021. We are both grateful and value your input and help on the NWWTP Resource Consent project.

Below as a summary of the meeting:

- We provided an overview of the process the project has gone through to date, the various stages and types of options being considered for wastewater treatment at NWWTP. We discussed the process of filtering the options to select the Best Practicable Option (BPO) and as part of this that we need to be able to add a Māori cultural lens "traffic light' over all the options to understand what would or would not enhance cultural values. The Māori lens is one of a number, including social, economic, environmental, future growth, resilience etc, that need to be used to reduce the options stage by stage until we reach the BPO.

- When discussing the process to establish the "iwi" Traffic Light, you said that you are keen to limit the demand for resources on iwi and either undertake the exercise as a group or as a smaller group that represented all iwi. Kathryn and I are happy with either option and are equally keen to have individual meetings when requested. In order to move forward you agreed to contact the other iwi involved to date and ask their views on a joint approach and set up a hui in the next couple of weeks. Following this, we would then meet with that group to agree the approach, discuss the alternatives available and to establish the BPO for NWWTP in partnership by end March 2022.

- We discussed the steps in the process of treating wastewater at the NWWTP including the wetland areas to give you further understanding of the current practices. Kathryn also provided details of the testing we undertake regularly as part of resource consent compliance and in addition for this project. We are happy to provide this data to you.

- During the meeting we discussed, in general terms, the impact of Māori cultural values of the current system and covered a few examples of how this input might be limited. For example, the discharge of water into the sea could be extended further out but this could have a potential impact on the seabed and the Boulder Bank. We mentioned that the wetland area could be enhanced to add more treatment through increased plant filtration of the water before being discharged to the sea. We also touched on the limitations of discharge to land due to the location of suitable forestry land and the likelihood of seepage towards Cable Bay.

Agreed actions for Aneika:

1. Contact other iwi involved to date to agree whether joint meetings/representing other iwi in a smaller group is the preferred way forward at a hui in the next week or two.
2. If the preferred way forward is in joint meetings, set up initial session with Kathryn and I to agree process and meetings required to complete exercise by end March 2022.

Agreed actions for Rob/Kathryn:

1. Provide test data. We also plan to establish an annual report of test data and comparison to previous years (note: we aim to do this in early February when one year's worth of project monitoring data is available).
2. Not arrange any individual meetings with iwi until you confirm to us whether a group approach is preferred.

Nelson City Council
te kaunihera o whakatū

Location File Ref: A2921881

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7 July 2022

Memo To: Dayveen Stephens, Andrew Stephens; cc Kathryn Halder

Memo From: Rob Searle

Project Manager

Subject: NWWTP Resource Consent – summary of meeting on 7 July 2022

Thank you for attending the meeting with Kathryn and myself on 7 July. We are both grateful and value your input and help on the NWWTP Resource Consent project.

Below as a summary of the meeting:

- During the meeting, we gave an overview of the nine options under consideration for the operation of wastewater treatment at NWWTP. Through our discussion we sought to better understand the Mātauranga Māori of the site and any concerns felt by Ngāti Tama to each of the options being considered. In addition to considering the options through a Māori cultural lens, each option is also being considered against other "traffic light" filters (including social, environmental, future growth, technology improvements, resilience / climate change and cost). The review of the options will result in determining the Best Practicable Option (BPO) for which resource consent will be sought.
- The NWWTP location: from our discussion we understand that this is a key concern due to the resultant discharge of treated wastewater entering wai through the sea outfall and that Ngāti Tama advocate for wastewater infrastructure to be located away from waterways and coastal environments. We acknowledge that iwi are no long able collect kiamoana from the area and regular monitoring of discharges and the effects of operations on the receiving environment is important, including cultural health monitoring systems.
- This project focuses on ensuring that we can continue to provide wastewater treatment for our community in the best practicable way at the current location. We understand the desire for duration of any consent that there is opportunity for regular reviews of the process and implementation of technological improvements where appropriate. The long-term consideration for a potential new wastewater treatment plant (WWTP) location will take time to work through with iwi and others to develop an alternative solution and therefore it is not part of this project. Instead, it is being considered by Council under a wider wastewater management strategic project.
- With regard to the options presented:
    - An improved dispersion diffuser was seen as positive although no sea outfall would be better
    - The benefits of a longer discharge pipe would not be an improvement and the installation would cause unwelcomed disturbance on Boulder Bank and the sea-bed
    - Discharge to land, even if only for part of the year, was welcome as long as the risk of seepage into the water table and sea was ruled out.
    - The reduction of odour was encouraged
    - Treatment of pathogens was a good idea
    - Improvements in the level of treatment was a positive
    - Option 8 was preferred. The other options seen to only offer short term limited improvements
- We noted that the future growth of Nelson has been allowed for within each of the options being considered.

- Wetlands: We gave a brief summary of the recent CHI report and outlined that the original limited range of species for planting had been successful around the wetlands but not within them. The recommendations from the CHI report are being discussed on 29 July with the objective of scoping a programme of work to move towards delivering them. Andrew to be invited to the workshop.
- CO_2: NCC are currently monitoring the greenhouse gas emissions from the NWWTP and we agreed to provide an update on the project and circulate the findings when available.
- The cost of the options has only been established as low ($0 to $50M), medium ($50 to $100M) and high ($100M+). The options presented start in the low category and progress into the high category with option 9.
- Natural Hazards were seen as a risk and we confirmed that the project has assessed these and this work is included within the assessment process.

Agreed actions for Rob/Kathryn:

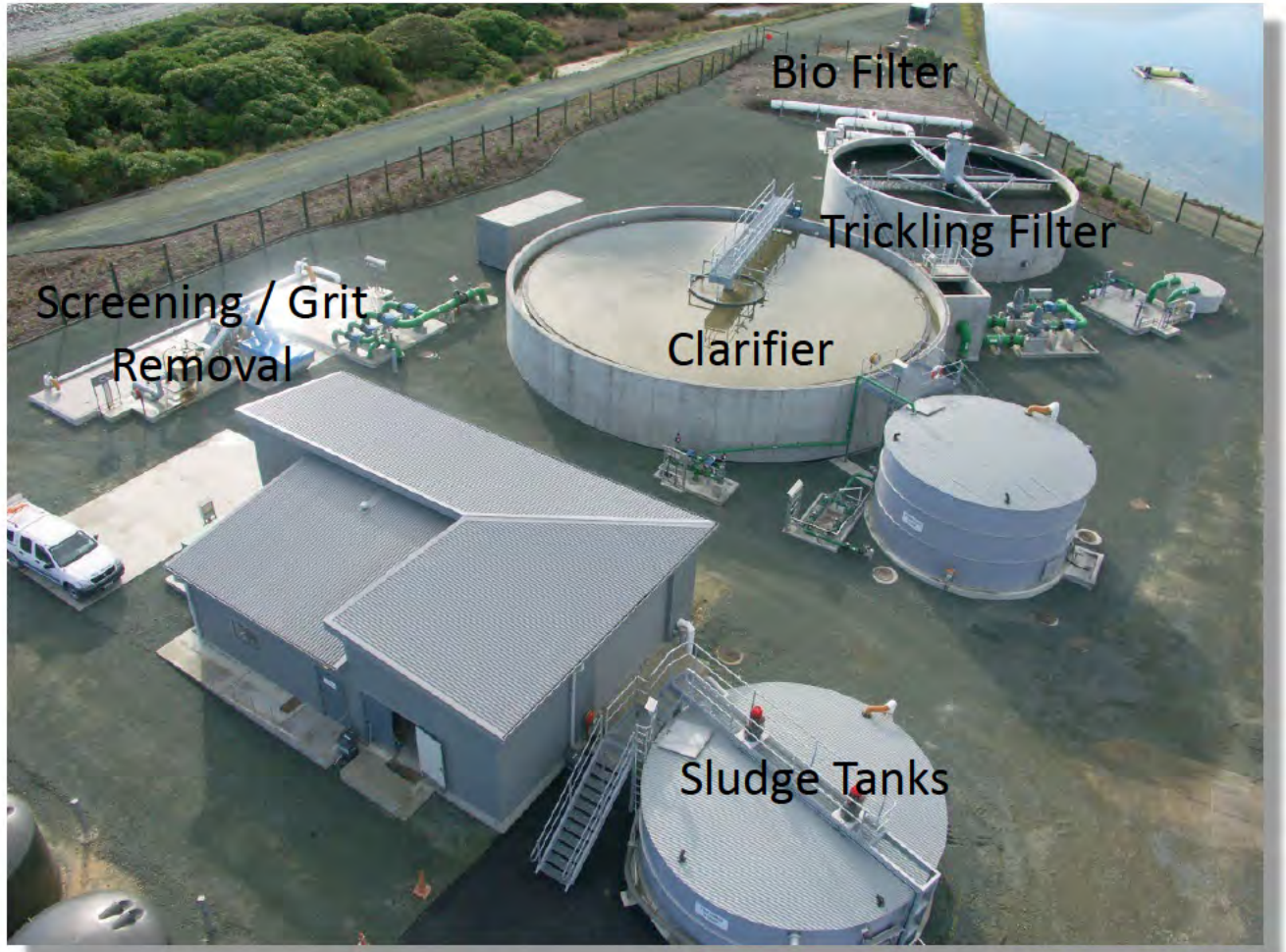
1. Provide a copy of the slides/options used at the meeting
2. Send a copy of the CHI reports for 2014 and 2022
3. Provide visual examples of the technology outlined in the options
4. Invite Andrew to the Wetlands workshop
5. Send a copy of the NWWTP data analysis report
6. Provide an update on the CO_2 project and data when available
7. Review the WWTP used in Waikato as this was seen to be a good example

Nelson North Wastewater Treatment Plant (NWWTP) Resource Consent Project

Assessment of Alternatives - Shortlist Options



Option 1: Current scheme





Option 2: Improvements to current scheme







Existing Treatment

Enhanced wetland and surrounding area planting

New Modern Diffuser installed on the existing outfall

Further odour management through aeration

Option 3: Current scheme with a longer offshore outfall







Existing Treatment

Existing offshore outfall extended into the Tasman Bay

Modern Diffuser installed on a longer offshore outfall

Further odour management through aeration

Option 4: Current scheme with land application







Existing Treatment

A proportion of treated wastewater to Wakapuaka Flats in dry summer period

Remaining treated wastewater to existing outfall

New Modern Diffuser installed on the existing outfall

Option 5: Upgraded treatment to further remove solids





Further Suspended solids removal – e.g. Filtration

Enhanced wetland and surrounding area planting

New Modern Diffuser installed on the existing outfall

Further odour management through aeration

Option 6: Upgraded treatment to further remove pathogens





Further Pathogen (germ) removal – e.g. UV treatment

Enhanced wetland and surrounding area planting

New Modern Diffuser installed on the existing outfall

Further odour management through aeration

Option 7: Upgraded treatment - combination of options 5 & 6



- Further Pathogen (germ) removal – e.g. UV treatment
- Further Suspended solids removal – e.g. Filtration
- Enhanced wetland and surrounding area planting
- New Modern Diffuser installed on the existing outfall
- Further odour management through aeration

Option 8: Upgraded treatment to remove solids, pathogens and nutrients





Installation of a new biological nutrient removal (BNR) plant

Decommission oxidation ponds

Enhanced wetland and surrounding area planting

New Modern Diffuser installed on the existing outfall

Option 9: Advanced treatment with non-potable direct reuse







Upgrade to existing WWTP with Advanced water treatment to meet required recycled water standards

New non–potable reticulated domestic and business reuse infrastructure

Balance to Forest spray irrigation



From: Rob Searle <rob.searle@ncc.govt.nz>
Sent: Friday, 17 December 2021 10:03 am
To: Daren Horne | Te Ātiawa Trust <daren@teatiawatrust.co.nz>; Taiao | Te Ātiawa Trust <taiao@teatiawatrust.co.nz>
Cc: boofpene67@gmail.com; John Katene <johnkpere@gmail.com>
Subject: RE: NCC WWTP CHI

Hi Daren

Sounds good. I have booked out Monday afternoon to be on site and will let the team at NWWTP know.

If you give me a call at 1 to 1:15 pm when you are at Corders. I will have time to get to NWWTP to great you.

Ngā mihi

Rob Searle
Project Manager
Kaiwhakahaere Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
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nelson.govt.nz

From: Daren Horne | Te Ātiawa Trust <daren@teatiawatrust.co.nz>
Sent: Friday, 17 December 2021 9:54 am
To: Rob Searle <rob.searle@ncc.govt.nz>; Taiao | Te Ātiawa Trust <taiao@teatiawatrust.co.nz>
Cc: boofpene67@gmail.com; John Katene <johnkpere@gmail.com>
Subject: RE: NCC WWTP CHI

CAUTION: External email.

Do not click links or open attachments unless you recognise the sender and know the content is safe.

As this is the last week of work for many with some already on break. I would like to have one last go at trying to coordinate this work.
The weather is good for Monday. We can do it in the afternoon. I now suggest a smaller team of just 3. We will start at Corders Park, then onto the sites around the WWTP. I have Shane Pene, myself and John Katene. We will begin at Corders 1pm and should be on to the WWTP around 1:45pm at the latest. I will notify you Rob (022 010 5660), when we are at Corders?

Nāku iti nei, nā
Daren Horne
Kaitiaki o te Taiao | Guardians of the Environment

Te Ātiawa o Te Waka-a-Māui

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PO Box 340, Picton 7250
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From: Rob Searle <rob.searle@ncc.govt.nz>
Sent: Friday, 17 December 2021 8:26 am
To: Daren Horne | Te Ātiawa Trust <daren@teatiawatrust.co.nz>
Cc: Taiao | Te Ātiawa Trust <taiao@teatiawatrust.co.nz>
Subject: RE: NCC WWTP CHI

Hi Daren

We are certainly having very unseasonal weather. It does look better next week but, being so close to Christmas, I am not sure whether you will be able to get people to confirm they can assist. If you

can, great – I am around next week and can be on site. If not, then maybe the best option is to look at a few dates in January and book them in so we have some contingency.

Ngā mihi

Rob Searle
Project Manager
Kaiwhakahaere Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
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nelson.govt.nz

From: Daren Horne | Te Ātiawa Trust <daren@teatiawatrust.co.nz>
Sent: Wednesday, 8 December 2021 4:29 pm
To: Noela McGregor <noela@ngatikoata.com>; John Katene <johnkpere@gmail.com>; boofpene67@gmail.com; Christine Hemi <p.c.hemi@xtra.co.nz>; anaru paul <anarutpaul@gmail.com>
Cc: Rob Searle <rob.searle@ncc.govt.nz>; Taiao | Te Ātiawa Trust <taiao@teatiawatrust.co.nz>
Subject: NCC WWTP CHI

CAUTION: External email.

Do not click links or open attachments unless you recognise the sender and know the content is safe.

Kia ora tatou,
Could you please give an indication of your availability for CHI work over next week? Hopefully a dry day comes up. Mauri ora.

Nāku iti nei, nā
Daren Horne
Kaitiaki o te Taiao | Guardians of the Environment

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Te Ātiawa Manawhenua Ki Te Tau Ihu Trust

Kaitiaki o te Taiao | Guardians of the Environment

Cultural Health Indicator (CHI) Service Outline

Whāia te mātauranga kia mārama

Seek knowledge for understanding

Tikanga

Water is essential for life. For Māori, water is a taonga (treasure) and is fundamental to cultural identity. Freshwater supports the health of the planet and the people – te taiao (the natural world) and the whānau. Waterways were the highways between inland areas and the coast. It is no surprise then, that Māori chose to occupy areas and establish settlements and gardens around waterways. For Māori, the health of the water is reflected by the health of the people.

Purpose

The Kaitiaki o te Taio (KT) Team assesses many applications for resource consent that concern areas which have been heavily occupied by Māori and/or are in sensitive locations in the natural world. At present, there are very limited number of opportunities for Te Ātiawa Manawhenua Ki Te Tau Ihu (Te Ātiawa) to monitor these places, e.g. the health of waterways in the rohe of Te Ātiawa. The CHI model allows iwi to monitor the health status (mauri) of te taiao in a particular area, to gain an understanding as to what changes and influences may be affecting a particular area. This gives iwi an understanding of what factors may be contributing to the enhancement or degradation of te taiao and the mauri at a particular site. The CHI also provides opportunities to enhance cultural knowledge and practices in a particular area and / or improve the habitat of taonga species.

What's involved?

The KT Team will visit a site to assess a range of physical and metaphysical factors, including the history of the area and the cultural practices associated with that site, e.g. the mauri of water, flora and fauna. This information will be gathered and placed within the monitoring checklist. Photos of the site will be taken and any concerns about the contextual implications of the proposal will be noted. This information will then be used to formulate the CHI Report, which will include the mauri of te taiao at the location and recommendations about how to proceed.

Fees

[redacted]

(Please note that if the extent of work required exceeds this immediate arrangement, both parties will need to agree to adjusted costs prior to further fees being incurred.)

For more information about CHI assessments, please visit the Ministry for the Environment's page: *Why a Cultural Health Index?*

Confirmation of engagement and acceptance of fees

I / We DAVID LIGHT OF NELSON CITY COUNCIL (name / organisation) acknowledge my / our engagement of Te Ātiawa Manawhenua Ki Te Tau Ihu Trust to carry out a Cultural Health Indicator site visit and the provision of an associated report for the site/s located at:

NELSON WASTEWATER TREATMENT PLANT.

I accept responsibility for the engagement of Te Ātiawa and the related fees, as detailed above.

My / Our purchase order number _____ (if applicable).

Signed: D W Light

Date: 4/3/21

[1] Established hourly rate with councils and Crown agencies, as at July 2020.
[2] Three people (the kaitiaki) are involved in the site visit and one person authors the CHI Report.
[3] Māori adult, elder, elderly man, elderly woman, old man - a person of status within the *whānau*. https://maoridictionary.co.nz/search?idiom=&phrase=&proverb=&loan=&histLoanWords=&keywords=kaumatua+

TE ĀTIAWA
MANAWHENUA KI TE TAU IHU TRUST

Kaitiaki o te Taiao | Guardians of the Environment

Updated Cultural Health Indicator (CHI) Monitoring Assessment of the Whakatū Wastewater Treatment Plant.

01 April 2022

Report Prepared for Te Kaunihera o Whakatū - Nelson City Council



Whāia te mātauranga kia mārama

Seek knowledge for understanding

Te Ātiawa Manawhenua Ki Te Tau Ihu Trust - Kaitiaki o Te Taiao | Guardians of the Environment
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Ph : (03) 573 5170 / 0800 284 292
Email : taiao@teatiawatrust.co.nz

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Tidal Interface and Waterflow 8
Taonga Species 9
Human Influences - Structures and Activities 10
Noise and Smell 11
Mauri 12
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Recommendations 13

PART ONE: HE KUPU TĪMATANGA

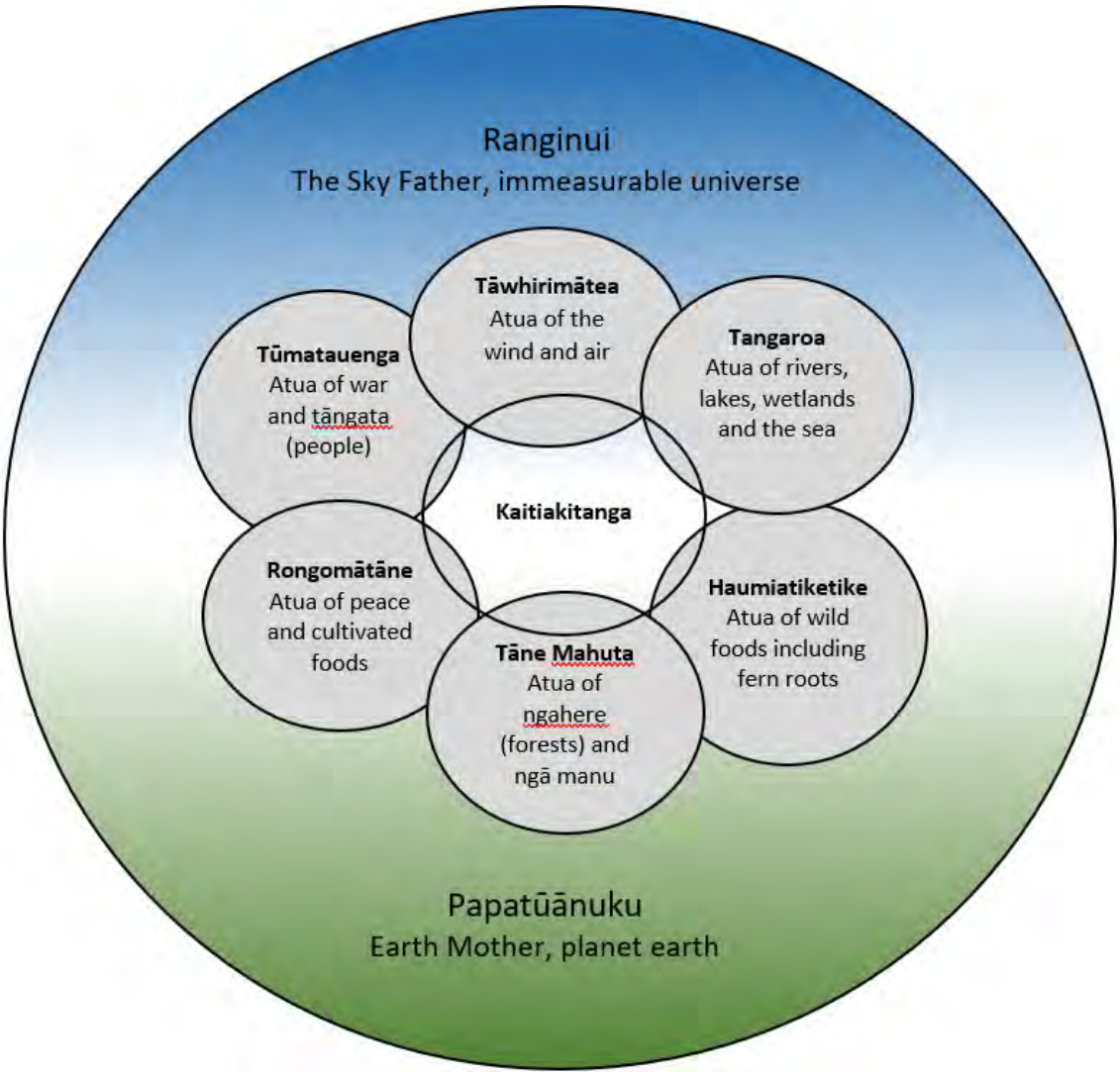
Ngā Atua kaitiaki

Ngā atua kaitiaki are the spiritual guardians who created ngā taonga tuku iho (natural treasures) by breathing life into them. All parts of nature, including wai are regarded as the uri (descendants) of the atua and are taonga (treasures). There are many atua kaitiaki (spiritual guardians), but the ones that provide the context for the examination of indicators are those, which form the cornerstone of mana whenua management:

- Tawhirimatea (atua of the wind and air);
- Tūmatauenga (guardian of tangata whenua);
- Tāne Mahuta (atua of the trees and birds);
- Tangaroa (guardian of the rivers, lakes and of the sea);
- Rongomātāne (atua of cultivated foods); and
- Haumietiketike (guardian of wild foods)

All the atua are in balance with each other. If there is an imbalance in the domain of one atua, this impacts on the realms of the other atua.

Tikanga Māori – Atua[1] Framework



[1] A significant creation story concerns Rangi and Papa. Ranginui (sky father) and Papatūānuku (earth mother) were locked in an eternal embrace. Their children, the departmental gods, were trapped between them in eternal darkness, and decided to try and separate their parents. The children (except Tāwhirimātea) tried and failed to separate them. Then Tāne used his legs to push the sky apart from the earth.

Other significant atua were the gods of war, Maru, Uenuku and Kahukura.
https://teara.govt.nz/en/traditional-maori-religion-nga-karakia-a-te-maori/page-1

The (CHI) Cultural Health Indicator

The Cultural Health Indicator (CHI) is a tool used by Iwi to make an onsite assessment of cultural health within a catchment or within specific freshwater, coastal and marine areas. CHI monitoring identifies opportunities for preservation, restoration of te taiao and cultural knowledge and practices.

Purpose

The intention of this report is to advise / inform the applicant of steps to be incorporated into the planning and works' phases of the project and in the ongoing management of the area. The CHI can be used as a baseline tool to underpin monitoring activities after restoration work has been completed. The report will identify the updated status of the subject area and will be used for reference by Te Ātiawa in future.

Method

A team of three kaitiaki meet onsite to make an assessment of cultural health, using a CHI template (see Appendix 1). The onsite assessment is conducted:

- Cultural environmental health status.
- Traditional customary practice sustainability and potential.
- Preservation and protective measures if required for sacred places.

Cultural Interests

The sites under assessment are located along the coast of Atawhai and Horoirangi, within a historical raupatu pathway of the 1830 Hekenga (migration), 'Niho Mango'. Post raupatu, Te Ātiawa, along with allies of the hekenga, shared the area for mahinga kai. The abundance of fish, bird and plant species gave many opportunities of kai and rongoā harvest.

Te Ātiawa Iwi Environmental Management Plan (IEMP)

Te Ātiawa Iwi Environmental Management Plan (IEMP) [2] sets out the responsibilities of Te Ātiawa as holding mana whenua mana moana in Te Tau Ihu, and as such are engaged with, and participate in, the management of te taiao, the upholding of customary practises and in ensuring the mauri (life force) of the natural world is protected or enhanced. The relevant threats to sustaining mauri of water from IEMP follow:

- Discharge of stormwater and sewerage into the sea.
- Sedimentation from streams and land disturbance activity smothering kaimoana beds.

[2] Te Ātiawa o Te Waka-a-Māui Iwi Environmental Management Plan (2012): https://www.teatiawatrust.co.nz/assets/Uploads/Te-Atiawa-Iwi-Environmental-Management-Plan.pdf

- Sewer pipelines in coastal areas contaminating mahinga kai and waahi tapu associated with those areas.
- The introduction of waters and/or organisms from other places can degrade the mauri of the coastal ecosystem.
- Reclamations reduce the ability to practice customs and traditions associated with these areas.

Previous CHI Report done by Tiakina Te Taiao 2014[3]

During the 2014 site visit, the sites assessed included:

Site 1 — Ti Kouka Junction — Hillwood stream

Site 2 — Concrete gate (by boulder bank) - Hillwood stream

Site 3 — Nearest to Sewerside Drive Hillwood stream

Site 4 — Corder Park — Oldham Stream (Dodson Valley)

Results from 2014 report:

*Site 1: This site was considered **poor** due to extreme turbidity and the appearance of cyanobacteria floating in the water.*

*Site 2: This site was considered **poor** due to major modifications to the stream bed, which having been treated as a culvert, had been scraped out by a digger two years prior.*

*Site 3: This site was considered **poor** due to extreme turbidity, a lack of diversity in and around the awa, and a lack of diversity of ngahere on the riparian edge.*

*Site 4: Of the four sites monitored, this was considered **the best**. Ratings were higher for water clarity and riparian vegetation.*

The recommendations that came out of the 2014 report included:

1. Regular CHI monitoring
2. Education opportunities for school aged children ad comm groups for riparian margins and wetland area
3. Rehabilitation projects – buffer zones, creation of a small bund for buffering and encourage cyanobacteria during summer months
4. Development of a monitoring tool to include negative numbers to monitor negative changes.

Note: Site 3 in the 2014 report was not monitored during the 2021 site visit. The kaitiaki chose to instead create a new 'Site 3' to the south west (see Figure 1). This site now sits within the footprint of the restoration work to enable monitoring of related changes.

[3] Nelson City Council Oxidation Pond Cultural Health Indicator Report, 2014, Authored by Melanie McColgan

Appendix 1: Cultural Health Indicator Site Visit Assessment Forms

TE ĀTIAWA
MANAWHENUA KI TE TAU IHU TRUST

Kaitiaki o te Taiao | Guardians of the Environment

Cultural Health Indicator (CHI)
Site visit form

Date	Time
20/12/21	13:30

Catchment	Site No.	Area code	Kaitiaki 1 (Facilitator)
concrete gate Horoirangi	1		Shane Pene
GPS coordinates	**Weather conditions**		Kaitiaki 2
	Sunny		John Katene
TYPE (circle) **Wai Maori Freshwater** / ~~**Wai Tai Coastal**~~ / **Wai Moana Marine**			Kaitiaki 3 Daren Horne.

Site description Stream runs parallell to shoreline, Sandflats grassy medows, wall feature across stream.

Ngā Atua Realms

Papatuanuku, Ranginui, Tawhirimatea, Tumatauenga, Tane Mahuta, ~~Rongomatane~~, Haumietiketike, Tangaroa,

✓

Te Taiao Health

Health conditions of the site — E=excellent | G=good | F=fair | P=poor | B=bad

Site Access	Lake edge	Riverbank	Shoreline
Yes / No	Yes / No	Yes / No	Yes / No
E G F P B	E G F P B	E G F P B	E G F P B

Comments Yes, abit of a struggle to get to site, fitness level above average,

Seabed veg	Tidal flow	Coastal Veg	Waterflow	Riparian Veg
Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
E G F P B	E G F P B	E G F P B	E G F P B	E G F P B

Comments (including water clarity) Water clarity is in ~~Fair~~ Bad condition no flow at all, no flow - one single tree as riparian cover

Does the current landscape reflect the original landscape?	Yes	No	indigenous Veg Cover
			0.1 % (approx.)

Comments only 1 pohutukawa plants, Karamu.

1

Taonga Species

Stone		Plant		Insect		Other	
Yes	(No)	(Yes)	No	Yes	(No)	Yes	(No)

E G F P B | E G F P B | E G F P B | E G F P B

Comments Pohuehue, Karamu for Rongoa.

Shellfish		Fish		Mammal		Bird		Lizard	
Yes	(No)	Yes	(No)	Yes	(No)	(Yes)	No	Yes	(No)

E G F P B | E G F P B | E G F P B | E G F P (B) | E G F P B

Comments) swallow bird, cormoran (shag)

Are there any native plant species in or around this site?	(Yes)	No	Are there any non-native animal species in or around this site?	(Yes)	No

Comments Pohuehue + Karamu. Cows seen, not near stream.

Are there any significant habitats in or around this site?	Yes	(No)	Are there any potential risks to significant habitats?	Yes	(No)

Comments

Are man-made structures within or around the site?	(Yes)	No	Modification of the site	No. of Structures
			5 % (approx.)	2

Comments concrete floodgate, fencing.

Are structures impacting on te Taiao health at this site?	(Yes)	No	Are activities impacting on te Taiao health at this site?	Yes	(No)

Comments floodgate, tidal flow restriction

Historic Māori Cultural Interests

Is this a traditional area of interest?	(Yes)	No	Is this Wāhi tapu?	Yes	(No)

(Raupatu)	Urupā	Kāinga	(Mahinga)	Te Ara	Other

Comments Niho Mango

2

Is this an area of customary practice?	*Yes*	*No*	*Are customary practices still present here?*	*Yes*	*No*
Comments					
Is this a suitable location for kai harvest?	*Yes*	*No*	*Is this Waahi taonga?*	*Yes*	*No*
Comments					
Are taonga at risk from destruction or fossicking?	*Yes*	*No*	*Is a harvest or relocation of taonga required here?*	*Yes*	*No*
Comments					
Does this location have an unnatural odour?	*Yes*	*No*	*Does this location have any unnatural noise issues?*	*Yes*	*No*
Comments					

What is your overall feeling of the Mauri for this place?	KAITIAKI 1	Good	Bad	KAITIAKI 2	Good	Bad	KAITIAKI 3	Good	Bad

Recommendations and other comments: all 3 Kaitiaki had a good feeling

ripirian planting required, work on waterflow in Strea

3

TE ĀTIAWA
MANAWHENUA KI TE TAU IHU TRUST

Kaitiaki o te Taiao | Guardians of the Environment

Cultural Health Indicator (CHI)
Site visit form

Date	Time
20/2/21	15:30

Catchment	Site No.	Area code	Kaitiaki 1 (Facilitator)
Te Kouka Junction	2		Shane Penn
GPS coordinates	**Weather conditions**		Kaitiaki 2
	Sunny.		Daren Horne
TYPE (circle) Wai Maori / Freshwater	Wai Tai / Coastal	Wai Moana / Marine	Kaitiaki 3 John Katene

Site description in mainly freshwater, river junctions Te Kouka, fire hazard open to that

Ngā Atua Realms

Papatuanuku, Ranginui, Tawhirimatea, Tumatauenga, Tane Mahuta, Rongomatane, Haumietiketike, Tangaroa, Rongo

Te Taiao Health

Health conditions of the site	E=excellent	G=good	F=fair	P=poor	B=bad

Site Access		Lake edge		Riverbank		Shoreline	
Yes	No	Yes	No	Yes	No	Yes	No
E G F P B	E G F P B	E G F P B	E G F P B	E G F P B	E G F P B	E G F P B	E G F P B

Comments more ripirian plantings-

Seabed veg		Tidal flow		Coastal Veg		Waterflow		Riparian Veg	
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
E G F P B		E G F P B		E G F P B		E G F P B		E G F P B	

Comments (including water clarity)

Does the current landscape reflect the original landscape?	Yes	No	Indigenous Veg Cover
			___ % (approx.)

Comments more estuary & wetland, drained for farming

Taonga Species

Stone		Plant		Insect		Other	
Yes	No	Yes	No	Yes	No	Yes	No
E G F P B		E G F P B		E G F P B		E G F P B	

Comments: Kauri trees Harakeke, manuka, Dragonflys, Butterflies

Shellfish		Fish		Mammal		Bird		Lizard	
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
E G F P B		E G F P B		E G F P B		E G F P B		E G F P B	

Comments: Petrals, Swallows, Gulls

Are there any native plant species in or around this site?	Yes	No	Are there any non-native animal species in or around this site?	Yes	No
	Yes				No

Comments: Kauka trees. harakeke.

Are there any significant habitats in or around this site?	Yes	No	Are there any potential risks to significant habitats?	Yes	No
		No			No

Comments:

Are man-made structures within or around the site?	Yes	No	Modification of the site	No. of Structures
		No	0 % (approx.)	0

Comments:

Are structures impacting on te Taiao health at this site?	Yes	No	Are activities impacting on te Taiao health at this site?	Yes	No
		No			No

Comments:

Historic Māori Cultural Interests

Is this a traditional area of interest?	Yes	No	Is this Wāhi tapu?	Yes	No
	Yes				No

Rāupatu	Urupā	Kāinga	Mahinga	Te Ara	Other
Rāupatu			Mahinga		

Comments: Nikau Mango

2

Is this an area of customary practice?	*Yes*	*No*	*Are customary practices still present here?*	*Yes*	*No*
Comments					
Is this a suitable location for kai harvest?	*Yes*	*No*	*Is this Waahi taonga?*	*Yes*	*No*
Comments					
Are taonga at risk from destruction or fossicking?	*Yes*	*No*	*Is a harvest or relocation of taonga required here?*	*Yes*	*No*
Comments					
Does this location have an unnatural odour?	*Yes*	*No*	*Does this location have any unnatural noise issues?*	*Yes*	*No*
Comments Smell very good. slight smell from oxidation ponds.					

What is your overall feeling of the Mauri for this place?	KAITIAKI 1	Good	Bad	KAITIAKI 2	Good	Bad	KAITIAKI 3	Good	Bad

Recommendations and other comments: ripirian planting grass seems a fire risk

3

TE ĀTIAWA
MANAWHENUA KI TE TAU IHU TRUST

Kaitiaki o te Taiao | Guardians of the Environment

Cultural Health Indicator (CHI)
Site visit form

Date	Time
20/12/21	11:00

Catchment	Site No.	Area code	Kaitiaki 1 (Facilitator)
The Ponds	3		Shane Penu
GPS coordinates	**Weather conditions**		Kaitiaki 2
	Sunny		Daren Horne
TYPE (circle) Wai Maori / Freshwater	Wai Tai / Coastal	Wai Moana / Marine	Kaitiaki 3 John Katene

Site description Oxidation ponds, effluent pond discharge gates.

Ngā Atua Realms

Papatuanuku, Ranginui, Tawhirimatea, Tumatauenga, Tane Mahuta, Rongomatane, Haumietiketike, Tangaroa,

Te Taiao Health

Health conditions of the site	E=excellent	G=good	F=fair	P=poor	B=bad

Site Access						Lake edge					Riverbank					Shoreline				
Yes					NO	Yes					NO					Yes				NO
E	G	F	P	B		E	G	F	P	B	E	G	F	P	B	E	G	F	P	B

Comments

Seabed veg						Tidal flow						Coastal Veg						Waterflow						Riparian Veg					
Yes				No		Yes				No		Yes				No		Yes				No		Yes				No	
E	G	F	P	B		E	G	F	P	B		E	G	F	P	B		E	G	F	P	B		E	G	F	P	B	

Comments (including water clarity) Harakeke.

Does the current landscape reflect the original landscape?	Yes	No	indigenous Veg Cover
			80 % (approx.)

Comments

Taonga Species

Stone		Plant		Insect		Other	
Yes	No	Yes	No	Yes	No	Yes	No

E G F P B E G F P B E G F P B E G F P B

Comments harakeke, dragonfly bees

Shellfish		Fish		Mammal		Bird		Lizard	
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No

E G F P B E G F P B E G F P B E G F P B E G F P B

Comments ducks, geese, kahu, heron - gulls - hunting -

Are there any native plant species in or around this site?	Yes	No	Are there any non-native animal species in or around this site?	Yes	No

Comments harakeke, been planting, reeds, tussock fencing prevents horseriders - dog walkers.

Are there any significant habitats in or around this site?	Yes	No	Are there any potential risks to significant habitats?	Yes	No

Comments birds, ducks, geese. due to past work has brought the birds back, 70-80's.

Are man-made structures within or around the site?	Yes	No	Modification of the site	No. of Structures
			100 % (approx.)	

Comments man made structure in a natural environment

Are structures impacting on te Taiao health at this site?	Yes	No	Are activities impacting on te Taiao health at this site?	Yes	No

Comments

Historic Māori Cultural Interests

Is this a traditional area of interest?	Yes	No	Is this Wāhi tapu?	Yes	No

Rāupatu	Urupā	Kāinga	Mahinga	Te Ara	Other

Comments Niho Mongo food. Rongoa harvest

2

Is this an area of customary practice?	Yes	No	Are customary practices still present here?	Yes	No
Comments Plantings in area are for customary harvest					
Is this a suitable location for kai harvest?	Yes	No	Is this Waahi taonga?	Yes	No
Comments					
Are taonga at risk from destruction or fossicking?	Yes	No	Is a harvest or relocation of taonga required here?	Yes	No
Comments					
Does this location have an unnatural odour?	Yes	No	Does this location have any unnatural noise issues?	Yes	No
Comments Odour from treatment plant					

What is your overall feeling of the Mauri for this place?	KAITIAKI 1	Good	Bad	KAITIAKI 2	Good	Bad	KAITIAKI 3	Good	Bad
					Good			Good	

Recommendations and other comments: It was a good odour about site
More variety of planting species

3

TE ĀTIAWA
MANAWHENUA KI TE TAU IHU TRUST

Kaitiaki o te Taiao | Guardians of the Environment

Cultural Health Indicator (CHI)
Site visit form

Date	Time
20/12/21	12:34

Catchment	Site No.	Area code	Kaitiaki 1 (Facilitator)
Corder Park Otawhai	4		Shane Pene
GPS coordinates	**Weather conditions**		**Kaitiaki 2**
	Sunny		Doren Horne
TYPE (circle) **Wai Maori Freshwater** / **Wai Tai Coastal** / **Wai Moana Marine**			**Kaitiaki 3** John Katene

Site description tidal estuary ~~tidal~~ culvert, courseway State Highway. off the stream mouth running through Corder Park Residential area.

Ngā Atua Realms

Papatuanuku, Ranginui, Tawhirimatea, Tumatauenga, Tane Mahuta, Rongomatane, Haumietiketike, Tangaroa, ✓

Te Taiao Health

Health conditions of the site — E=excellent, G=good, F=fair, P=poor, B=bad

Site Access	Lake edge	Riverbank	Shoreline
(Yes) / No	Yes / (No)	Yes / (No)	(Yes) / No
(E) G F P B	E G F P B	E G F P B	E G (F) P B

Comments Not natural courseway ~~flows of~~ culvert The natural flow of the culvert is restricted.

Seabed veg	Tidal flow	Coastal Veg	Waterflow	Riparian Veg
(Yes) / No	(Yes) / No	(Yes) / No	(Yes) / No	(Yes) / No
E (G) F P B	E (G) F P B	E (G) F P B	E (G) F P B	E G (F) P B

Comments (including water clarity) riparian Veg could be more, Improved. x2

Does the current landscape reflect the original landscape?	Yes	(No)	Indigenous Veg Cover
			50 % (approx.)

Comments. altered landscape with courseway - housing, Park

1

Taonga Species

Stone		Plant		Insect		Other	
Yes	(No)	(Yes)	No	Yes	(No)	Yes	(No)

Stone					Plant					Insect					Other				
E	G	F	P	B	E	G	(F)	P	B	E	G	F	P	B	E	G	F	P	B

Comments Harakeke.

Shellfish		Fish		Mammal		Bird		Lizard	
(Yes)	(No)	Yes	(No)	Yes	(No)	(Yes)	No	Yes	(No)

Shellfish					Fish					Mammal					Bird					Lizard				
E	G	F	(P)	B	E	G	F	P	B	E	G	F	P	B	E	G	(F)	P	B	E	G	F	P	B

Comments Water clarity not good for viewing. Gulls, Heron, duck Spoonbill, petral, oystercatcher, hermits crabs

Are there any native plant species in or around this site?	(Yes)	No	Are there any non-native animal species in or around this site?	Yes	(No)

Comments replanting has occured, no non pests or pests.

Are there any significant habitats in or around this site?	(Yes)	No	Are there any potential risks to significant habitats?	(Yes)	No

Comments ~~Rep~~ Parkaraq (Otawhai estuary) yes, Stormwater run o

Are man-made structures within or around the site?	(Yes)	No	Modification of the site	No. of Structures
			50 % (approx.)	4

Comments Residential, roading, park, modified structure. 1, residential 2, park, culvert, Highway/roading

Are structures impacting on te Taiao health at this site?	(Yes)	No	Are activities impacting on te Taiao health at this site?	Yes	(No)

Comments
1 Culvert
2 Residential
3 Highway/roads

Historic Māori Cultural Interests

Is this a traditional area of interest?	(Yes)	No	Is this Wāhi tapu?	Yes	(No)

(Raupatu)	Urupā	Kāinga	(Mahinga)	Te Ara	Other

Comments Niho Mango, Parkaraq

2

Is this an area of customary practice?	Yes	No	Are customary practices still present here?	Yes	No
Comments					
Is this a suitable location for kai harvest?	Yes	No	Is this Waahi taonga?	Yes	No
Comments					
Are taonga at risk from destruction or fossicking?	Yes	No	Is a harvest or relocation of taonga required here?	Yes	No
Comments					
Does this location have an unnatural odour?	Yes	No	Does this location have any unnatural noise issues?	Yes	No
Comments light breeze (northerly) there is an unnatural odors, fuel fumes. Traffic flow, (consistent)					

What is your overall feeling of the Mauri for this place?	KAITIAKI 1	Good	Bad	KAITIAKI 2	Good	Bad	KAITIAKI 3	Good	Bad

Recommendations and other comments: More planting can be an option plantings to have a harvesting

3

PART TWO: SITE VISIT – 20 December 2021

The sites targeted for this CHI monitoring assessment included:

Site 1: Ti Kouka Junction, Hillwood stream

Site 2: Horoirangi, (Concrete Floodgate, Hillwood Stream)

Site 3: The Ponds, (closest to Hillwood Stream)

Site 4: Corder Park, Atawhai, (Oldham Stream)

The four sites are displayed in the aerials below.



Figure 1: Aerial showing Sites 1,2 and 3 at Nelson Wastewater Treatment Ponds



Figure 2: Aerial showing location of Site 4, Corder Park, Atawhai

The following sections provide observations made by the three Kaitiaki during the post-works' site visit. The CHI Assessment Forms can be found at Appendix 1.

Brief Description of Sites

Site 1: Horoirangi, (Floodgate)	This site is located along Hillwood Stream. The stream at this point flows parallel with the shoreline through an old, retired concrete floodgate (see Figure 3). Observations show there are no changes to the previous assessment of this site. The area is surrounded by mature long grasses.
Site 2: Ti Kouka Junction.	This is located approximately 760 m from Site 1, at the convergence of Hillwood Stream North and the main branch of Hillwood Stream (see Figure 4). Observations show there are no notable changes to the previous assessment of this site. The area is surrounded by mature long grasses. A small patch of Ti Kouka is situated across the Hillwood Stream North.
Site 3: The Ponds.	On the southwestern edge of the Nelson WWTP settling ponds, this site is approximately 670 m southwest of Site 2. The area contains recent plantings of harakeke and floating beds that had also planted. Plants are in good condition with good potential for more restoration work. Note: As there had been no enhancement of Site 3 from the 2014 CHI report, it was agreed to move 'Site 3' west, to location where enhancement measures have been actioned (see Figure 1).
Site 4: Corder Park, Atawhai.	Site 4 is the only site assessed at Corder Park, at the mouth of Oldham Creek, situated just over 3 km south of the WWTP. The stream, known as Oldham Creek, meanders from the Todd Valley catchment and through Corder Park. The mouth of the stream enters into the estuary before passing through a culvert into Nelson Haven. 'Paruroa' is the Māori name for this place.

Accessibility

It is important to determine the level of access available to our whānau, to ensure they can still interact with all parts of their rohe and carry out cultural practices. The IEMP of Te Ātiawa notes that there remains a loss of access to, and protection and enhancement of Te Ātiawa customs associated with mahinga mataitai, waahi tapu and waahi taonga. Maintaining access to wai, whenua and moana are important to provide for traditional practices and contemporary aspirations of Te Ātiawa.

Site 1: Horoirangi (Floodgate)	A level of fitness was required to access this site from the nearest car park. A 340 m walk was required along the beach front, across long grasses, to a stream crossing at the flood gate.
Site 2: Ti Kouka Junction.	This site had good access; however, access requires a long (approximately 400 metres from Site 1) through tall grass.
Site 3: The Ponds.	This site could be easily accessed via the roading that surrounds the ponds (See Figure 6). However, permission is required from NCC to access this area.
Site 4: Corder Park, Atawhai.	Site 4 could be easily accessed on foot through Corder Park. There is a roadside carpark and a short footpath allowing access.



Figure 3: Site 1 - the view of the floodgate at Horoirangi.



Figure 4: Site 2 -The convergence of the two streams, Ti Kouka Junction.



Figure 5: View of oxidation ponds at Site 3

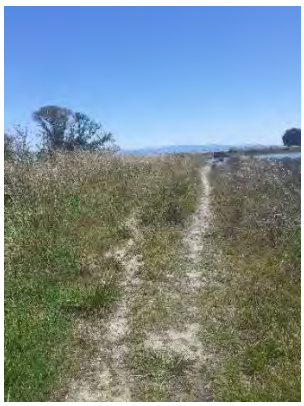


Figure 6: Maintenance entrance and public access, Corder Park



Figure 7: looking upstream Corder Park

Pond Edge/Riverbank Condition

Tangaroa is the guardian of inland waters, such as ngā awa (the rivers), streams, ngā roto (lakes) and wetlands.

Site 1: **Horoirangi, (Concrete Floodgate)**	The riverbanks were in a fair condition. However, there was little to no native vegetation in the riparian margin, small pohuehue bushes were observed amongst grasses and only a single shading karamu tree identified.
Site 2: **Ti Kouka Junction.**	Riverbanks were in fair condition, supported by dense cover of estuarine grasses (See Figure 8). The stream channels have clearly been straightened. Ti Kouka were observed the wider area but not along the riparian margin.
Site 3: **The Ponds.**	This site is more of a pond edge. Majority of the pond edge is covered in a healthy margin of mature harakeke (flax) and grasses. The floating planter beds include reeds. The kaitiaki assessed the pond edge in what would usually be considered harvestable conditions. However, due to the presence of wastewater, and customary use of harakeke (for

	tūpāpaku), the presence of tapu is not suitable for ritual practices or kaupapa kai.
Site 4: **Corder Park, Atawhai.**	The estuarine edge was in good condition. Riparian Vegetation appears healthy, consisting predominantly of harakeke that were in fair condition for small amount of cultural harvest potential.



Figure 7: looking upstream at Horoirangi.



Figure 8: Looking downstream at Ti Kouka.



Figure 8: Settling ponds at Site 3.







Figure 5,6 & 7: images of the Hillwoodtream mouth, Corder Park

Tidal Interface and Waterflow

Site 1: Horoirangi, (Concrete Floodgate)	There does not appear to be tidal interface at this site. Waterflow and water clarity at this stage of the stream were in a very bad state. All three kaitiaki noted little to no flow at all in the stream. The is deeply concerning with regards to natural processes such as fish passage and maintaining flow ki uta ki tai (mountains to the sea).
Site 2: **Ti Kouka Junction.**	There is no tidal interface at this site. There is good stream flow and related stream connection. High turbidity.
Site 3: **The Ponds.**	Kaitiaki observed good water flow from the oxidation pond into a release stream. Natural flows highly influenced by the pumpstation. Water clarity was good.
Site 4: **Corder Park, Atawhai.**	This site is within a tidal estuary. The natural tidal flow into Nelson Haven is obstructed by a man-made causeway and culvert running beneath SH6 (State Highway 6).



Figure 8: Looking upstream at Ti Kouka



Figure 9: Lack of waterflow in stream, Horoirangi



Figure 10: Water flowing from oxidation pond out to sea



Figure 11: Corder Park stream mouth.

Taonga Species

Tāne Mahuta, atua of the forests, trees and plants has a strong presence at this site. Tāne is also the father of many manu (bird) species

Site 1: Horoirangi, (Concrete Floodgate)	The only taonga species we saw was a single karamu tree and pohuehue amongst the grasses. The birdlife observed at this site consisted of a Cormorran (shag) gull and a swallow. All three kaitiaki would have expected to see more birdlife. No aquatic life was observed.
Site 2: Ti Kouka Junction.	The taonga species observed, were the obvious kouka (cabbage trees). Other taonga species were manuka and harakeke. Insects that were observed were dragonflies and butterflies. The birdlife noted included petrels and gulls.
Site 3: The Ponds.	Harakeke is abundant around the lake edge of the ponds, they provide great shelter for wading birds. There was an abundance of birdlife observed, including ducks, swans, geese, kahu, herons and gulls.

Site 4: Corder Park, Atawhai.	Taonga species, in native plants, mainly consisted of harakeke, in a fair condition. Shellfish populations appeared to be in poor condition. There was a fair amount of birdlife including included ducks, heron, oystercatchers and black petrels.



Figure 12: Horoirangi, Concrete Floodgate



Figure 13: The Ponds, Lake edge.



Figure 14: Corder Park, Oldham Creek mouth.

Human Influences - Structures and Activities

Tūmatauenga (Tū) is the guardian of tangata whenua. Traditionally, Tū was called upon throughout the lives of tangata whenua. Tangata were often dedicated to him in tohi (the baptismal rite).

Site 1: Horoirangi, (Concrete Floodgate)	The main man-made structure that is impacting on te taiao at this site is the obsolete concrete floodgate, which is clearly restricting flow of the stream (see Figure 12). Positively, there is a fence in place to prevent stock accessing the stream.
Site 2: Ti Kouka Junction.	No man-made structures were observed in the immediate area. However, it is clear that natural flow processes of both streams and the wider area have been heavily impacted by channelisation.
Site 3: The Ponds.	The constructed oxidation ponds, with associated infrastructure, sit in an area that was once dominated by a natural estuarine environment. The area has been heavily modified, which continues to impact on natural flows and other processes. The pump station is contributing to unnatural flows.
Site 4: Corder Park, Atawhai.	The natural landscape at this site has been altered, primarily by the introduction of roading along the coast and SH6 and residential areas. Other human influences include landscaping associated with the park, culverts and causeway. People utilise the paths to walk their dogs and exercise. These structures have noticeable impacts on flow pathways and are thought to disturb/intrude on many natural communities, including nesting shorebirds.



Figure 14: Ti Kouka, Grassland



Figure 15: Horoirangi, Hillwood Stream looking downstream.



Figure 16: The Ponds, Oxidation Pond.



Figure 16: Corder Park stream mouth.

Noise and Smell

Tawhirimatea is the spiritual guardian of the air. Air links the different elements of the natural world and is therefore a taonga (treasure) to tangata whenua.

Site 1: Horoirangi, (Concrete Floodgate)	There was no unnatural noise pollution emitting from anywhere. Ngā kaitiaki noted the natural sounds of birds and the sea. The sea was the prominent noise. A slight odour was noted, emanating from the oxidation pond which sits about 300 metres away.
Site 2: Ti Kouka Junction.	No unnatural noises were noted, as ngā kaitiaki were well away from any roads or human activity. Ngā kaitiaki noticed the natural smell of the sea.
Site 3: The Ponds.	Again, even at this site, there was no unnatural noise pollution. Ngā kaitiaki noted the sounds of abundant birdlife. Site 3 had a mild unnatural odour, emanating off the ponds and from the Treatment Plant.
Site 4: Corder Park, Atawhai.	The main noise was from the heavy traffic on SH6. Ngā kaitiaki noted the common odour of fuel fumes and hot asphalt mixed in with the smell of drying sand and seabed vegetation on the out-going tide.



Figure 17: Ti Kouka



Figure 17: Horoirangi, Grasslands.



Figure 18: Oxidation pond at Site 3.



Figure 19: Corder Park, Culvert, State Highway 6

Mauri

All three Kaitiaki present gave all four sites a “Good” mauri rating.

Summary

It was clear from observations of ngā kaitiaki that all four sites visited have been heavily modified, particularly at the Ponds and by the causeway and culvert at Corder Park. It was agreed that the shoreline, lake edge, and stream banks at all four sites are in a fair to good condition of stability.

Coastal vegetation in Corder Park was in an improved condition compared with the time of the initial CHI report, noting that plantings at Site 4 are maturing. Seabed vegetation, including reeds and seaweed, was in good condition at Site 4 and water flow from Oldham Creek was consistent.

Riparian vegetation was in a fair condition at sites 2, 3 and 4. Harakeke upstream at Site 4 consisted of mature plants in fair condition, shading parts of the stream and providing habitat for birdlife.

Ngā kaitiaki observed significant habitat for coastal birds, native fish and shellfish in and around sites 1 to 3. Therefore, one might think that this area would be suitable for mahinga kai. However, the cultural health and traditional controls of tapu[4] and noa[5] are affected by presence of the modern wastewater treatment practices and infrastructure. Nō reira, this is not suitable for the related customary harvest of mahinga kai.

Shellfish and harakeke at Site 4 are still not in a condition that is considered suitable to harvest. However, this site has best potential of all four sites monitored as it is not as heavily influenced by the tapu of the wastewater. There are still concerns regarding harvest here with potential contaminants from storm events.

Recommendations

1. To restore balance to the traditional controls of tapu and noa, Te Ātiawa recommends that NCC continues to work with ngā iwi on the staged removal of wastewater discharges from the coastal environment at Atawhai and Horoirangi and the wider Whakatū Rohe.

1. Continue to engage with Tangata Whenua on potential opportunities for customary use of te taiao and to give effect to kaitiakitanga to ensure that significant decisions do not negatively impact on taonga, waahi tapu, indigenous flora and fauna, rongoā and the diversity of species and habitats associated with local ecosystems.

2. To assist with creating a more resilient environment, a mixed native riparian cover is required along both sides of the stream at sites 1 and 2. NCC should focus restoration efforts in these areas.

3. More native eco-sourced plantings are required around the estuary at Site 4, including a greater diversity of endemic harakeke species and other natives.

4. At Site 4, it is recommended that Waka Kotahi is approached to cover regular clearing of the culvert below SH6, to help with tidal flow in and out of the estuary.

5. The fire hazard risk of tall grasses around Site 1 and 2 should be assessed.

6. Removal of the obsolete floodgate at Site 1, to help alleviate any build-up of debris that may hinder waterflow. The need for stream gradient work should also be considered here.

[4] Tapu - (stative) *to be sacred, prohibited, restricted, set apart, forbidden, under atua protection - see definition 4 for further explanations.* Te Aka Māori Dictionary: *https://maoridictionary.co.nz/search?idiom=&phrase=&proverb=&loan=&histLoanWords=&keywords=tapu*
[5] Noa - (verb) *to be free from the extensions of tapu, ordinary, unrestricted, void*. Te Aka Māori Dictionary: https://maoridictionary.co.nz/search?idiom=&phrase=&proverb=&loan=&histLoanWords=&keywords=noa

7. We recommend the addition of two monitoring sites at the main pond at the Waste Water Treatment Plant and an additional site on the southwestern pond to improve monitoring coverage and to ensure more monitoring sites within the scope of the restoration work done by the NCC.

Ref: A2885896

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E rob.searle@ncc.govt.nz
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24 May 2022

Mireama Houra,
Barrister acting for Te Atiawa O Te Waka a Maui Trust

By email only: info@mireamahoura.co.nz

Tēnā koe

RE: REPLACEMENT CONSENT FOR WASTEWATER TREATMENT PLANT AT BOULDER BANK – SEEKING VIEWS OF CLAIMANT GROUPS

1. I am writing to you as a claimant under the Marine and Coastal Area (Takutai Moana) Amendment Act 2011 (**the Act**). We understand that Te Atiawa o Te Waka a Maui Trust (Mapua) has made a claim under the Act in relation to the area from Mutton Cove to Mapua Point.

2. The Nelson City Council (**Council**) is in the process of applying for a new resource consent under the Resource Management Act 1991 (**RMA**) for the Nelson Wastewater Treatment Plant (N**WWTP**) located on Boulder Bank Drive. Council has engaged Stantec New Zealand (**Stantec**) as Lead Consultant for the project supported by a number of other technical experts. To ensure the operation of the NWWTP may continue under its current consents, the application will be lodged at least six months prior to the current consent expiring 1 December 2024.

3. You may already be aware of this project through the engagement the Council is undertaking with all Te Tau Ihu iwi as part of the resource consent application process. It is also important to the Council to understand your view on this application as a claimant under the Act in accordance with section 62(3).

4. The purpose of this letter is to provide some background detail on the application and to seek your views about the application as a claimant under the Act.

Resource Consent application

5. The NWWTP treats all sewage for the North Nelson/ Whakatū catchment from Bishopdale and Port Nelson through to Atawhai and Glenduan. Wastewater from Stoke, Enner Glynn and Tāhunanui is treated separately at Bell Island WWTP. It is a critical piece of regional infrastructure, ensuring the wellbeing of the local community and environment.

6. The current NWWTP comprises screening and grit removal, a clarifier to settle solids, sludge removal tanks, a trickling filter for biological treatment, oxidation ponds, biofilter to remove odour and two artificial wetlands for polishing prior to discharge, amongst various other

Example

buildings and structures. There is an outfall pipe which then discharges treated wastewater to Tasman Bay.

7. The outfall pipe is currently located perpendicular to the coastline/boulder bank, adjoining the NWWTP at its north-west corner, and running for approximately 430 metres out into Tasman Bay (under the water, on the seabed but not under the seabed).

8. A designation applies to the site (DN7) under the current Nelson Resource Management Plan which authorises land use activities of the NWWTP. The Council anticipates that a similar designation will be in place for this activity in the replacement Resource Management Plan for Nelson.

9. The NWWTP will most likely require resource consents for the following activities:

    - to discharge treated wastewater to Tasman Bay;
    - to use, maintain and renew the pipeline on site, and the outfall structure (includes the diffuser and pipeline), and for these structures to occupy the seabed;
    - to deposit in or on the seabed and coastal water, treated wastewater discharged from the outfall structure;
    - to discharge wastewater onto or into land, namely existing oxidation ponds and wetlands, and to operate a flow buffer storage pond;
    - to discharge contaminants, namely wastewater treatment plant gases, to air from the NWWTP; and
    - to carry out vegetation clearance, soil disturbance and earthworks for the NWWTP (within what area).

10. Structurally, only the wastewater network pipeline to the NWWTP, outfall pipe, diffuser and structure associated with it will be located in the coastal marine area.

11. The Council, with Stantec, is currently working through an assessment of alternatives in association with iwi and other interested parties, government departments and stakeholders. This assessment will consider cultural, social, environmental and economic values so as to determine the “Best Practicable Option” for the NWWTP resource consent application going forward. After that a resource consent application and Assessment of Environmental Effects will be prepared prior to lodgement.

Discharge of treated effluent

12. The Council acknowledges that a Te Ao Māori worldview sees the discharge of treated wastewater to the moana as abhorrent. While the Council is unable to move the NWWTP at present it is committed to lodging a resource consent application that honours tāngata whenua views as much as possible while allowing for the continued treatment of wastewater in the Whakatū region. Along with balancing the social, economic, environmental and cultural well-being of communities, providing an essential service for the area whilst maintaining affordability to those living in the Whakatū region is a crucial outcome sought by Council. Council is also committed to continually working with Mana whenua whānau, hapū and iwi to monitor and minimise the impact of any discharges from the NWWTP.

Example

Providing your view

13. I am the Project Manager of the new application and the main point of contact for any views you may have. It is important to me that I understand your view on this application. Could you please reply to this letter by Friday 1 July 2022. My email address is rob.searle@ncc.govt.nz and direct dial phone number is 03 5395574.

Yours sincerely



Rob Searle
Project Manager - Kaiwhakahaere Kaupapa

Example

From: Mireama Houra <info@mireamahoura.co.nz>
Sent: Tuesday, 24 May 2022 11:49 am
To: Rob Searle <rob.searle@ncc.govt.nz>
Subject: 2877 letter to MACAA claimants - Te Atiawa o Te Waka-a-Maui -24 May 2022

CAUTION: External email.

Do not click links or open attachments unless you recognise the sender and know the content is safe.

Apology email resent!
Kia ora Rob,
RE: REPLACEMENT CONSENT FOR WASTEWATER TREATMENT PLANT AT BOULDER BANK – SEEKING VIEWS OF CLAIMANT GROUPS
Thank you for your email! Could you please assist and provide me with a copy of the current consent and a copy of the application for the replacement consent.

Ngā mihi na

Mireama Houra
Barrister

Te Pātaka O Te Mana
Tangata Chambers Limited
PO Box 123
KUMEU
AUCKLAND 0810

Mobile: (027)-578-0010
info@mireamahoura.co.nz



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From: Rob Searle <rob.searle@ncc.govt.nz>
Sent: Tuesday, 24 May 2022 8:40 am
To: Mireama Houra <info@mireamahoura.co.nz>
Subject: 2877 letter to MACAA claimants - Te Atiawa o Te Waka-a-Maui -24 May 2022

Kia ora

The attached letter is being sent to you as a claimant under the Marine and Coastal Area (Takutai Moana) Amendment Act 2011.

Ngā mihi

Rob Searle
Project Manager
Kaiwhakahaere Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
P 03 5395574 **|** M 022 010 5660
nelson.govt.nz

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dangerous content and is believed to be clean. If this message is spam, you can report in the next 3 days

NWWTP Wetlands Hui – 29 July 2022

Meeting notes

Attendees: Dayveen Stephens, Aneika Young, Daren Horne, Sylvie Filipo, Kathryn Halder, Garreth Gabb, Warren Biggs, Rob Searle

Daren provided an overview of the area and its history and how the CHI monitoring was undertaken. The recommendations from the CHI report dated 1 April where presented and discussed within the group. The follow is a recorded of key points and actions arising from the discussion.

1. To restore balance to the traditional controls of tapu and noa, Te Ātiawa recommends that NCC continues to work with ngā iwi on the staged removal of wastewater discharges from the coastal environment at Atawhai and Horoirangi and the wider Whakatū Rohe.

- It was discussed that the wetlands project, with iwi direction, will help to improve the cultural health of the area and the choice of plants have the potential to provide cleansing of contaminants and opportunities where plants thrive, a seed source for other native planting projects.
- We acknowledge that choices have been made in the past, without iwi partnership, that have led to the NWWTP being located in an area that is not desirable to Tangata Whenua. While the scope of the wetlands and resource consent project will not be able to influence the removal of the wastewater treatment plant from this site, the NCC NWWTP Strategic Scoping project and participation in the wider regional wastewater hui is looking at the next 35 to 100+ years and will be investigating alternative locations and staged removal of wastewater discharges from the coastal environment.
- NCC to work closely with ngā iwi on all these projects.

1. Continue to engage with Tangata Whenua on potential opportunities for customary use of te taiao and to give effect to kaitiakitanga to ensure that significant decisions do not negatively impact on taonga, waahi tapu, indigenous flora and fauna, rongoā and the diversity of species and habitats associated with local ecosystems.

- Regular meetings to be set up for this project. DS to provide a timeline for planned meetings and key stages in the project.
- Tangata Whenua to provide details of range of plants by type of environment / location that can be used and any recommendations for enabling their customary use.

Action: DH, DS, AY

2. To assist with creating a more resilient environment, a mixed native riparian cover is required along both sides of the stream at sites 1 and 2. NCC should focus restoration efforts in these areas.

- RS to propose a staged approach and programme for enhancing different areas of the wetland surrounding areas within the NWWTP boundaries
- RS to also provide details of any pest management / trapping that has been undertaken in the area.

  Action: RS

- WB outlined that the fencing around the wetlands and ponds will be completed, currently fence on Northern and Eastern boundaries, in August for Health and Safety reasons.
- RS introduced the Todd Valley Stream project that is looking at improving the water flow and areas for fish spawning and enhancing the planting between NWWTP and SH6. This project, in its early design stage, is likely to have design elements and ideas that can be used within the scope of the Wetlands project to ensure that cultural benefits are recognised across both projects and good wildlife corridors / fish passages are established. RS to forward plans and seek comment on design, locations, and plant selection, and invite the Todd Valley team to join the next Hui.

  Action: RS

3. More native eco-sourced plantings are required around the estuary at Site 4, including a greater diversity of endemic harakeke species and other natives.

- As this monitoring site is outside the area being considered as part of the wetlands project it was agreed to remove this recommendation from this project.
- NCC Wetland project team to liaise with NZTA and other NCC departments to establish what they can do in this area.

  Action: RS

4. At Site 4, it is recommended that Waka Kotahi is approached to cover regular clearing of the culvert below SH6, to help with tidal flow in and out of the estuary.

- As this monitoring site is outside the area being considered as part of the wetlands project it was agreed to remove this recommendation from this project.
- NCC Wetland project team to liaise with NZTA and other NCC departments to establish what they can do in this area.

  Action: RS

5. The fire hazard risk of tall grasses around Site 1 and 2 should be assessed.

- It was agreed that a wider range of plants will replace the volume of tall grasses in the area, and along with ongoing maintenance and improvement to the flow of water through the waterways this will help to reduce this risk.
- The first phase of the project is likely to be clearing out the debris from the waterways and floodgates.

6. Removal of the obsolete floodgate at Site 1, to help alleviate any build-up of debris that may hinder waterflow. The need for stream gradient work should also be considered here.

- RS has spoken with the lease owner of the land where this floodgate is located and it may have a function to stop sea water entering the paddock
- NCC wetland project team to investigate whether the flood gates are obsolete and/or just need debris removed from them or further maintenance works in order to improve water flow.

  Action: RS

- NCC wetland project team to undertake site visit and take pictures of debris build-up along the waterways so the scope of work required can be established and any resource consents to undertake works within the waterways obtained.

  Action: RS

7. We recommend the addition of two monitoring sites at the main pond at the Wastewater Treatment Plant and an additional site on the southwestern pond to improve monitoring coverage and to ensure more monitoring sites within the scope of the restoration work done by the NCC.

- Additional monitoring sites were agreed to be a good idea and will be established as the project progresses in order to monitor the benefits of enhancements/changes in specific locations.
- The location of these sites to be agreed at future hui.
- NCC to ensure that all tangata whenua in Te Tau Ihu are updated regarding the discussions and actions

8. Other matters discussed:

- RS to confirm how iwi can be renumerated for there time spent on this project.

  Action: RS

NWWTP Wetlands Hui – 15 September 2022

Meeting notes

Attendees: Daren Horne, Kathryn Halder, Garreth Gabb, Rob Searle, Paul Fisher, Scott Butcher

Apologies; Dayveen Stephens, Aneika Young, Sylvie Filipo, Warren Biggs

Circulation to include: Rowena Cudby, Kristie Pakipaki, Noela McGregor, Andrew Stephens

1. Todd Valley project

PF and SB gave a presentation of the Todd Valley project which is in the first stages of consultation. The presentation included a short video showing an aerial view of the area, a series of slides outlining the work and proposed new fresh water and planted areas. Appendix 1 provides a summary of the project and the presentation (excluding the video) will be sent out with these minutes.

SB also gave an update on the ongoing pest control work (data previously sent).

2. NWWTP Wetlands project

RS gave a presentation showing various areas around the NWWTP including the waterways/channels. The pictures used were taken prior to the recent rain event and KH confirmed that the main blockage had been cleared by the flood water. However, it is very likely that silt has been deposited into these waterways and they will need to be assessed and cleared of debris and silt. RS to arrange in conjunction with confirming/obtaining any Resource Consent.

Action: RS

A copy of this presentation will be sent with these minutes.

The scope of the project/work, as discussed and agreed on 29 July 2022, will focus on improving the areas on NWWTP land around the wetlands rather than the wetlands or in the wetlands.

3. Next steps

It was agreed that the Todd Valley and Wetlands project should aim to achieve common goals for the wildlife in the area/environment and that a similar or complimentary range of plant species should be considered.

In order to move forward, it was agreed that the next meeting should be a site visit covering both areas/projects. The objectives of this visit are to:

- Understand how we can use the area of land from SH6 at Todd Valley up to and including land around the ponds and wetlands at the NWWTP to:
    - Promote habitats for wildlife

    - Optimise planting
    - Agree areas that need to be protected/left as is (including avoiding them during periods of work)
    - Meet the recommendations of the CHI (as agreed - see minutes dated 29 July 2022)
- Prioritise the areas around the NWWTP that can be planted/enhanced (not the wetlands themselves)
- Agree the range of plants that are suitable by type of site
- In thinning/maintaining the wetland area, agree the best use of plants removed from around the wetlands and what plants are best to replace them.

RS to arrange meeting in 5 to 6 weeks' time.

Action: RS

4. **Minutes from the previous meeting on 29 July 2022 –** outstanding actions:
    - Tangata Whenua to provide details of range of plants by type of environment / location that can be used and any recommendations for enabling their customary use.

      Action: DH, DS, AY

    - RS to confirm how iwi can be remunerated for their time spent on this project.

      Action: RS

Appendix 1

Todd Valley Stream Inanga Habitat Wetland Enhancement - Summary:

The Todd Valley Stream Inanga Enhancement project aim is to create inanga spawning habitat at the upper extent of the tidal wedge and associated coastal habitat for other biodiversity, whilst improving flood capacity to mitigate flood risk to the Todd Valley catchment and SH6. Habitat creation at the Wakapuaka sandflats will largely be driven by minor changes in ground contour levels to promote the establishment of permanent and temporary wetlands. The wetland formations will enable the colonisation, over time, by coastal-halophyte vegetation, invertebrates, fish and birds. Predator control and appropriate plantings of coastal scrub and small stands of wetland vegetation will augment this. Todd Valley Stream provides important habitat for inanga, however currently no spawning opportunities exist as king tides are unable to inundate the vegetated areas along the margin where inanga spawn. The improvement in freshwater habitat, provision of further wetland habitat and improved connectivity with the estuary will encourage establishment of other rare, uncommon and threatened migratory fish species including giant, banded and shortjaw kokopu, tuna and kanakana.

Restoration of the stream will include stream widening and regrading the banks at key locations, creation of back water lagoons and pools for inanga spawning, creation of saline scrapes for wading birds, along with riparian planting of the stream corridor and planting to create additional fernbird habitat. The project is part of an overarching NCC restoration programme that aims to improve the ecological values of the broader Wakapuaka Sandflats across a number of different land parcels. Other restoration actions that will be implemented over time include predator control, pest plant control and restoration planting.

The proposed restoration plans are founded on the Ki uta ki tai (from mountains to sea) approach, connecting fragmented habitats coastal wetlands and estuaries as freshwater receiving environments. Advice and collaborative input is sort from tangata whenua to inform the use of native plants for customary practices, medicinal plantings, kai and biodiversity based on local knowledge and ongoing cultural health assessments. This project is also an opportunity for iwi-led education events and Mātuaranga Māori monitoring.

The recent flooding event has moved priorities to work with Waka Kotahi, Tasman Journeys and NCC teams to restore the Todd Valley stream culvert channel at SH6, with the opportunity downstream to incorporate part of this restoration project to improve flood conveyancing and habitat. Wider consultation and project costing is planned over the coming months.

And NWWTP Wetlands Hui – 27 October 2022

Meeting notes

Attendees: Daren Horne, Dayveen Stephens, Kathryn Halder, Rob Searle, Scott Butcher

Apologies; Aneika Young, Sylvie Filipo, Warren Biggs, Garreth Gabb, Paul Fisher, Rowena Cudby, Kristie Pakipaki, Noela McGregor, Andrew Stephens, Sally Neale, Jen Skilton

1. NWWTP Wetlands project – Site Visit

1.1 The NWWTP treat plant can be considered as Operational (within the fence) and non-Operational (outside of the fence). The non-Operational areas outside of the fence line are shown in blue and black below.

1.2 In reviewing the NWWTP site, it was agreed that (see pic below):

- Some areas cannot be planted as they are needed for current and future operational use = shown in red
- the channel of flow between the ponds and the wetlands can be planted = shown in lime
- the areas along the freshwater channels outside of the NWWTP fence line can be planted = shown in blue
- the area of higher ground outside of the NWWTP fence line can be planted. The lower areas may not be suitable to plant as they contain areas of saltmarsh, are subject to flooding or subject to saltwater inundation – shown in black



1.3 Existing wetland planting around the wetlands.

- The range of three species of plants can be broadened. Tangata Whenua to confirm additional species of plants

Action: Tangata Whenua

- When thinning the planting around the ponds the plants can be used for additional planting only within the fenced area.
- To help maintain the integrity of the banks, when a plant is removed for thinning it will need to be replaced.

1.4 It was agreed that plants from within the fenced area of NWWTP, when thinned/split, should only be re-used within the fenced areas. The first area to benefit from these will be the channel between the ponds and wetlands shown in lime. The planting along this channel will help filter the water. Some block areas will not be planted to allow access for future maintenance.

1.5 The channels of freshwater flowing through the site (shown in blue) have a few small sections containing debris. The debris that was causing a blockage to flow was generally removed by the rain even flood water in August. The remaining debris will be removed by hand to enhance flow. Some of the debris will be left in the channels to provide areas for wildlife.

1.6 The banks of the freshwater channels, from mid-way up to the top of the bank can be planted in blocks leaving some open areas for future access for maintenance. Tangata Whenua to confirm the range of plants to be used and suggest where to source plants from.

Action: Tangata Whenua

1.7 The higher ground areas (in the black circled area) can be planted to enhance the natural habitat. Initially planting will be focussed on intensifying existing planted areas. Tangata Whenua to confirm additional species of plants and suggest where to source plants from.

Action: Tangata Whenua

1.8 The next planting opportunity will be in April/May/June. RS to arrange for the thinning of plants around the wetlands to be done at this time and to use some of the plants to plant in the channel between the ponds and wetlands.

Action: RS

1.9 DH was keen to get the community involved and it was agreed that arranging some planting parties for the areas outside of the NWWTP fenced area would be an ideal opportunity to get this started.

1.10 RS confirmed that NCC have a budget to extend the planting areas for the next two financial years and a maintenance budget thereafter. Additional funding for planting areas has also been put nominally into future budget plans.

1.11 SB suggested that the wider area would benefit from a “bigger picture planning exercise”. This is not within the remit or scope of this project but RS agreed to raise this within NCC in support of the concept.

Action: RS

2. **Minutes from the previous meeting on 15 September 2022 –** outstanding actions:
    - Tangata Whenua to provide details of range of plants by type of environment / location that can be used and any recommendations for enabling their customary use. This action is now specific to the areas to be planted – see actions above
    - RS can confirm iwi can be remunerated for time spent on this project when attending meetings and in preparation for meetings. This will be done on a meeting by meeting basis, with Purchase Orders being raised those accepting meetings.

NWWTP Wetlands Hui – 17 April 2023

Meeting notes

Attendees: Dayveen Stephens, Kathryn Halder, Rob Searle, Scott Butcher, Lucy Clarke, Garreth Gabb,

Apologies; Aneika Young, Sylvie Filipo, Warren Biggs, Paul Fisher, Rowena Cudby, Kristie Pakipaki, Noela McGregor, Andrew Stephens, Sally Neale, Jen Skilton

1. **Change of Project Manager**
   RS introduce Lucy Clarke from the NCC Capital Projects team who will be taking over the Wetlands project.
2. **Sites for planting**
   RS summarised the areas that were considered and agreed for future planting at the site visit on 27 Oct 2022 – as per the previous minutes, these are:
   "The NWWTP treat plant can be considered as Operational (within the fence) and non-Operational (outside of the fence). The non-Operational areas outside of the fence line are shown in blue and black below.
   In reviewing the NWWTP site, it was agreed that (see pic below):
   - *Some areas cannot be planted as they are needed for current and future operational use = shown in red*
   - *the channel of flow between the ponds and the wetlands can be planted = shown in lime*
   - *the areas along the freshwater channels outside of the NWWTP fence line can be planted = shown in blue*
   - *the area of higher ground outside of the NWWTP fence line can be planted. The lower areas may not be suitable to plant as they contain areas* of saltmarsh, are subject to flooding or subject to saltwater inundation – shown in black
   - 
   Existing wetland planting around the wetlands. The range of three species of plants can be broadened."

3. **Selection of plants and sourcing of plants**

- In order to move the project forward, it was agreed that NCC will prepare some planting plans outlining plant species and where these could be sourced from. These plans will be circulated for discussion with Tangata Whenua. This will include:
    - species of plants to diversify the planting directly around the wetland areas
    - Plants/plans for the banks of the freshwater channels, from mid-way up to the top of the bank can be planted in blocks leaving some open areas for future access for maintenance
    - Plants/plans for the higher ground areas (in the black circled area) can be planted to enhance the natural habitat. Initially planting will be focussed on intensifying existing planted areas.

Action: Lucy Clarke / Rob Searle

NWWTP Wetlands Hui – 16 June 2023

Meeting Notes

Attendees: Dayveen Stephens, Kathryn Halder, Rob Searle, Scott Butcher, Lucy Clarke, Garreth Gabb, Tracey Williams

Apologies; Aneika Young, Sylvie Filipo, Warren Biggs, Paul Fisher, Rowena Cudby, Kristie Pakipaki, Noela McGregor, Andrew Stephens, Sally Neale, Jen Skilton

1. Review previous minutes

- Introduced Lucy at the April Hui, taking over from PM Rob Searle
- Review of areas for planting was agreed at 27 Oct Site Visit



- Agreement for NCC to engage Nelmac to propose planting plans, to be provided for review.
- Previous Minutes noted;

  In order to move the project forward, it was agreed that NCC will prepare some planting plans outlining plant species and where these could be sourced from. These plans will be circulated for discussion with Tangata Whenua. This will include:

  1. *species of plants to diversify the planting directly around the wetland areas*
  2. *Plants/plans for the banks of the freshwater channels, from mid-way up to the top of the bank can be planted in blocks leaving some open areas for future access for maintenance*
  3. *Plants/plans for the higher ground areas (in the black circled area) can be planted to enhance the natural habitat. Initially planting will be focussed on intensifying existing planted areas.*

2. Review of the Nelmac Planting Concept issued prior to this meeting

- Review proposed concept together
-

- Note feedback from Tangata Whenua
- Circulate this to all iwi for further comment

3. **Feedback from NCC Ecologists**
    - Proposed consideration for spending some funding on a weed control programme to assist growth of desirable plants
    - Risk of planting both types of flax, suggestion to harakeke only, iwi support this
    - Oioi may need saltwater influence, may only be for hillwood stream
    - Pūkio & Pūrei need more freshwater, approved
    - SI Toe Toe supported
    - Swarding sedge supported
    - Cabbage Tree supported
    - Manuka is smaller, may be better for operational side of things
4. **Feedback on plants**
    - Dayveen iwi response; more cultural lense on the focus of what these plants bring, introduce medicinal plants, and how plants could be accessed for harvest for medicinal uses.
    - Recommendation for Rongoa Māori specialist to review
    - Eco-sourcing and endemic plants
    - Maintaining planting in future, don't use sprays
5. **Opportunities**
    - Endemic and ecological focus
    - Grading of banks to improve, iwi monitor to oversee excavation, support of this idea
    - Access; boardwalk is the ideal to protect the environment in the best way possible. Noted that this approach could cause higher foot traffic that negatively affects the area as a whole. Agreement that this needs to be a wider discussion and possible future years longer term goals.
    - Quality over quantity focus

Action: Lucy Clarke

WAKAPUAKA ENHANCEMENT PLANTING 2023			APPROXIMATE AREA m^2	2000.00		
BOTANICAL NAME	COMMON NAME	GRADE	SPACING (CENTRES)	MIX	PLANTS PER m^2	TOTAL
Coprosma propinqua	Mingimingi	RT	1.2	15%	0.69	208
Coprosma robusta	Karamu	RT	1.5	5%	0.44	44
Coprosma tenuicaulis	Hukihuki	RT	1.2	15%	0.69	208
Cordyline australis	Ti kauka	RT	1.2	15%	0.69	208
Kunzea ericoides	Kanuka	RT	1.5	15%	0.44	133
Muehlenbackia complexa	Pohuehue	RT	1.2	5%	0.69	69
Ozymanthus leptophyllus	Tauhinu	RT	1.2	15%	0.69	208
Plagianthus divaricatus	Makaka	RT	1.5	15%	0.44	133
						1211

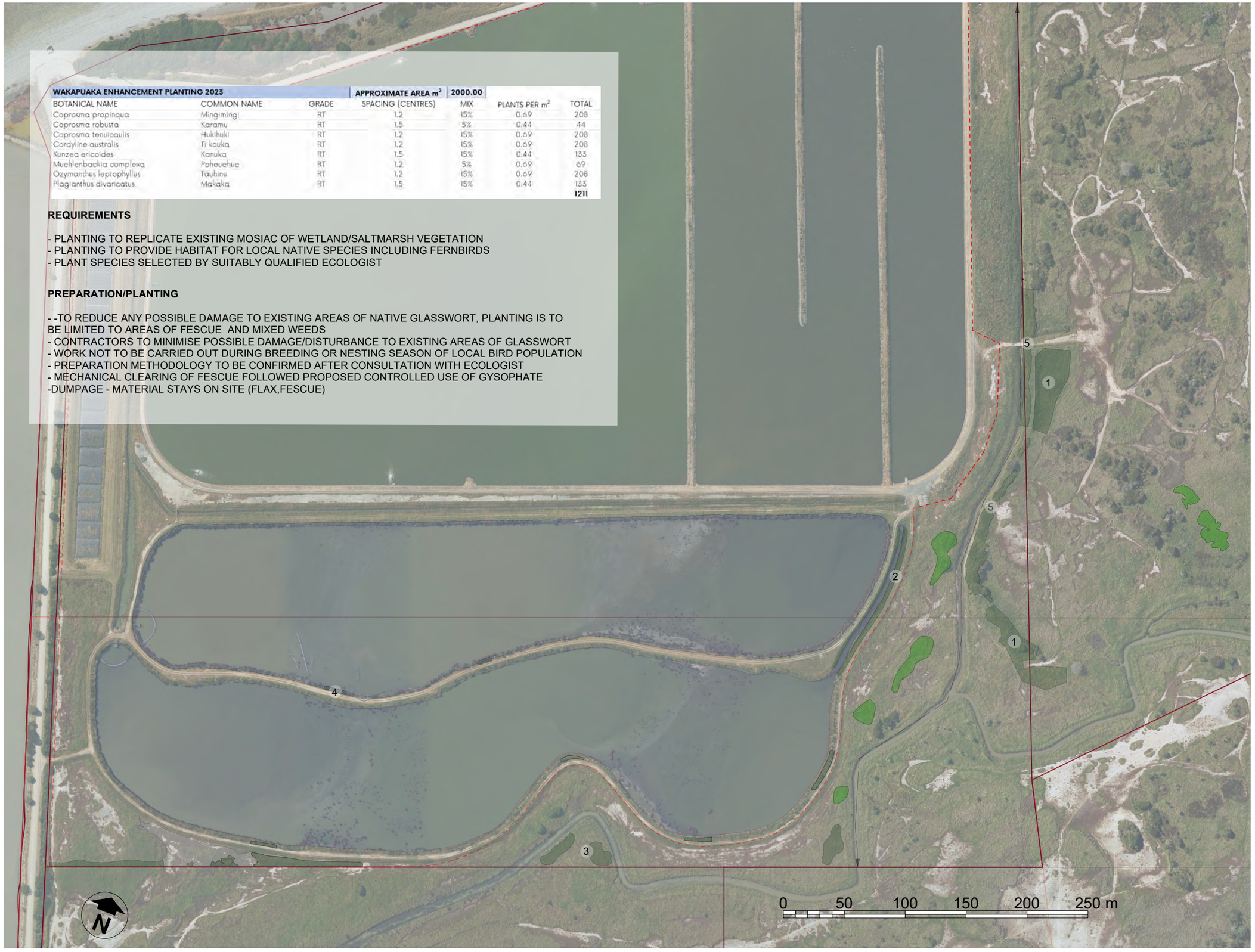
REQUIREMENTS

- PLANTING TO REPLICATE EXISTING MOSIAC OF WETLAND/SALTMARSH VEGETATION
- PLANTING TO PROVIDE HABITAT FOR LOCAL NATIVE SPECIES INCLUDING FERNBIRDS
- PLANT SPECIES SELECTED BY SUITABLY QUALIFIED ECOLOGIST

PREPARATION/PLANTING

- -TO REDUCE ANY POSSIBLE DAMAGE TO EXISTING AREAS OF NATIVE GLASSWORT, PLANTING IS TO BE LIMITED TO AREAS OF FESCUE AND MIXED WEEDS
- CONTRACTORS TO MINIMISE POSSIBLE DAMAGE/DISTURBANCE TO EXISTING AREAS OF GLASSWORT
- WORK NOT TO BE CARRIED OUT DURING BREEDING OR NESTING SEASON OF LOCAL BIRD POPULATION
- PREPARATION METHODOLOGY TO BE CONFIRMED AFTER CONSULTATION WITH ECOLOGIST
- MECHANICAL CLEARING OF FESCUE FOLLOWED PROPOSED CONTROLLED USE OF GYSOPHATE

-DUMPAGE - MATERIAL STAYS ON SITE (FLAX,FESCUE)



KEY

STAGE 1
2000m2 of proposed planting 2023

STAGE 2
Proposed planting areas for 2024

1. SNA 23 Planting 2024 approx. 2600m2
2. Outflow Planting 2024 approx. 900m2
3. Fence mitigation Planting 2024 approx. 2664m2
4. Wetland pond Flax removal + planting 2024 approx. 300m2
5. Hillwood stream Planting 2024 approx. 350 LM

Hillwood stream approx.length onsite 1000LM

Property Boundary

Boundary fence

DRAFT

kūmānu ENVIRONMENTAL
2 Bullen Street, Tahunanui, Nelson
PO Box 9035, Annesbrook, Nelson 7044, New Zealand
tel: 0800 635 622
fax: 03 546 2064
eml: service@kumanuenvironmental.co.nz

WAKAPUAKA WETLANDS / NWTP

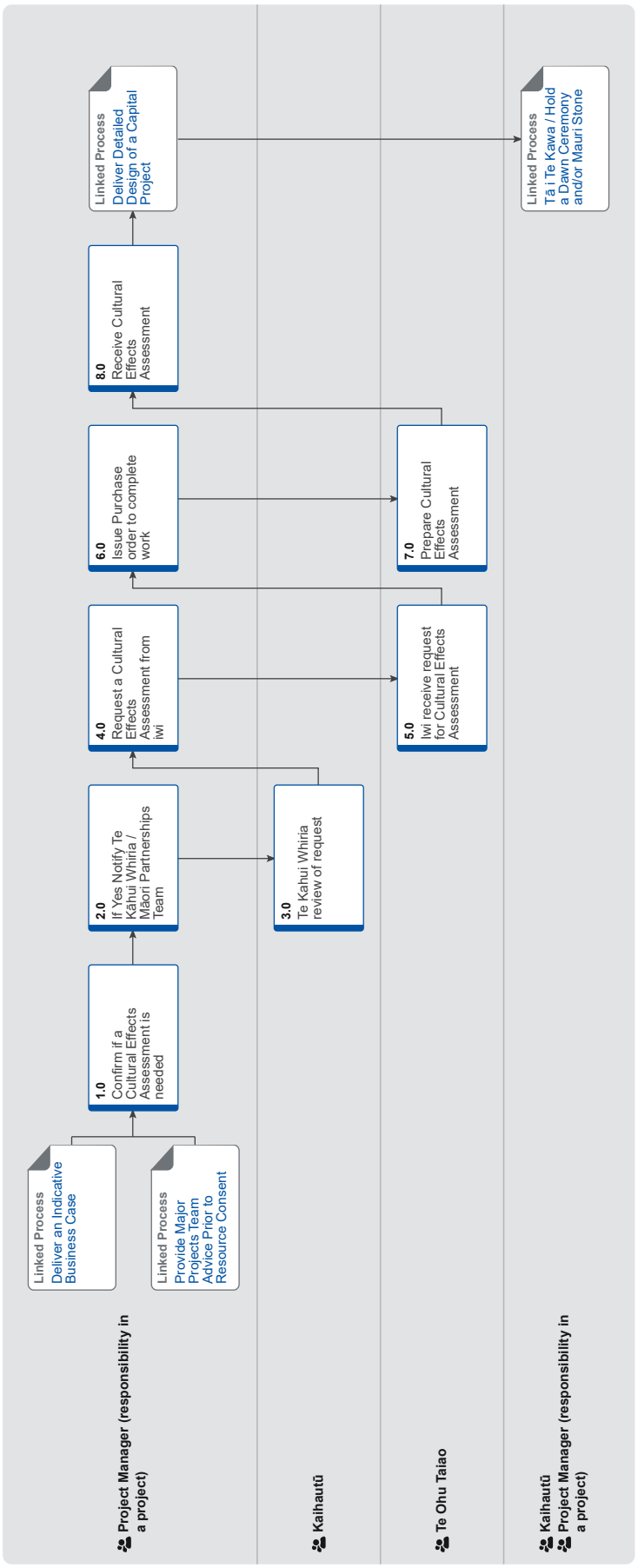
LANDSCAPE ENHANCEMENT PLANTING PLAN STAGE1 2023 and STAGE 2 2024

NO.	DATE	AMENDMENT

SCALE:	1:3000@A3
DATE:	08/08/23
DESIGNED:	BC
DRAWN:	BC
DRAWING NO:	LA.01
CHECKED:	BR
APPROVED:	BR
SERIES:	REVISION: 00

Q:\Professional Services\Jobs - institutional\01_NCC\2023_ NCC NWWTP Planting for Lucy Clarke\03 Drawings\01 CAD\Vectorworks\NNWWTP OVERALL.vwx

Complete a Cultural Effects Assessment v30.0



Complete a Cultural Effects Assessment v30.0

Nelson City Council
te kaunihera o whakatū

Summary

Objective
Request and complete a cultural effects (or impact) assessment.

Required Outcomes:
- Identify projects involving work in or nearby rivers, streams that need a cultural effects assessment
- Identify projects involving earthworks that need a resource consent and ensure a cultural effects assessment is completed
- Cultural effects assessment is completed early during the design stage of a project

Owner Pania Lee

Expert Wale Ilori

Procedure

PROCESS **Deliver an Indicative Business Case**
Project Manager (responsibility in a project)

PROCESS **Provide Major Projects Team Advice Prior to Resource Consent**
Project Manager (responsibility in a project)

1.0 Confirm if a Cultural Effects Assessment is needed
Project Manager (responsibility in a project)

a Identify requirement to commission a Cultural Effects Assessment from iwi based on iwi feedback, and/or identifying potential cultural interest.

NOTE **This information can be found within Treaty Settlement legislation documents identifying the effected iwi; Iwi Management Plans and the Nelson Regional Plan. Check whether the area has statutory overlays, archaeological overlays and/or identified areas of cultural interest.**

NOTE **Check existing Cultural Effects (or Impact) Assessments held by Council related to the same project or similar activity. This will assist you to understand the potential cultural effects, and measures to avoid, remedy or mitigate effects.**

2.0 If Yes Notify Te Kāhui Whiria / Māori Partnerships Team
Project Manager (responsibility in a project)

a Update the "CHI" column (column BM) in the Infrastructure Projects Register if the project will, or might, need a cultural impact assessment (and is a Council capital project):

Project Online

b Notify Te Kāhui Whiria / Māori Partnerships team via a cultural clinic that a request will be made

3.0 Te Kahui Whiria review of request
Kaihautū

a Review the request for Cultural Effects Assessment.

b Provide guidance to Project Manager on best practice.

4.0 Request a Cultural Effects Assessment from iwi
Project Manager (responsibility in a project)

a Issue a services order against the umbrella contract to the relevant iwi service provider, to commission the work.

5.0 Iwi receive request for Cultural Effects Assessment
Te Ohu Taiao

a Iwi advise who will undertake the Cultural Effects Assessment

NOTE **Council are currently engaging iwi on an agreed process to assign and undertake Cultural Effects Assessments.**

b Iwi provider agrees to complete the Cultural Effects Assessment

6.0 Issue Purchase order to complete work
Project Manager (responsibility in a project)

a Project Manager sends a purchase order number to the Iwi Provider.

NOTE **Included in the Service Order:**
- The Services to be provided.
- The Contract Price for the Services, and the arrangements for payment of the Contract Price (which may be determined in accordance with the Schedule of Prices or otherwise as agreed by the parties).
- The Start Date and the Completion Date for the Services.
- Whether or not the Iwi Provider is to provide a Services specific health and safety plan
- Any further matters relevant to the provision of the Services such as (without limitation) health and safety requirements, further hazards relevant to the Services, access, parking, other activities etc

NOTE **Save the services order to the same folder as the umbrella contract**
In September 2019, Council's Senior Leadership Team agreed that Tiakina Te Taiao would be reimbursed for time to engage on Council environmental projects in the interim of Nelson City Council and Iwi Managers making a decision on a long term engagement process. As no iwi are compensated for reviewing the list of resource consents we are not able to provide payment for this at this time. However, any other Council meetings that Tiakina attend related to resource management or environmental planning will be reimbursed accordingly (unless a different arrangement has been agreed).

7.0 Prepare Cultural Effects Assessment

Te Ohu Taiao

a Prepare Cultural Effects Assessment

NOTE **There is a 6 week time frame set out in the contract.**

8.0 Receive Cultural Effects Assessment

Project Manager (responsibility in a project)

a Receive Cultural Effects Assessment

b Take actions as needed to address the recommendations in the Cultural Effects Assessment

NOTE **Actions may include (examples): adapting budgets to accommodate additional work, review of the design, inclusion of conditions to avoid, remedy or mitigate adverse effects.**

PROCESS **Deliver Detailed Design of a Capital Project**

Project Manager (responsibility in a project)

CONDITIONAL **Tā i Te Kawa / Hold a Dawn Ceremony and/or Mauri Stone**

Kaihautū, Project Manager (responsibility in a project)

Triggers & Inputs

TRIGGERS

None Noted

INPUTS

None Noted

Outputs & Targets

OUTPUTS

Output	To Process	How Used
Ceremonial	Tā i Te Kawa / Hold a Dawn Ceremony and/or Mauri Stone	Ensures cultural safety for all involved

PERFORMANCE TARGETS

None Noted

Process Dependencies

PROCESS LINKS FROM THIS PROCESS

Process Name	Type of Link	Assigned Role
Deliver an Indicative Business Case	Process	Project Manager (responsibility in a project)
Deliver Detailed Design of a Capital Project	Process	Project Manager (responsibility in a project)
Provide Major Projects Team Advice Prior to Resource Consent	Process	Project Manager (responsibility in a project)
Tā i Te Kawa / Hold a Dawn Ceremony and/or Mauri Stone	Conditional, Output	Kaihautū, Project Manager (responsibility in a project)
Tā i Te Kawa / Hold a Dawn Ceremony and/or Mauri Stone	Conditional, Output	Kaihautū, Project Manager (responsibility in a project)

PROCESS LINKS FROM OTHER PROCESSES

Process Name	Type of Link	Assigned Role
Deliver Detailed Design of a Capital Project	Process	Project Manager - Capital Projects
Tā i Te Kawa / Hold a Dawn Ceremony and/or Mauri Stone	Process	Project Manager (responsibility in a project)

RACI

RESPONSIBLE

Roles that perform process activities

Kaihautū, Project Manager (responsibility in a project), Te Ohu Taiao

Systems that perform process activities

None Noted

ACCOUNTABLE

For ensuring that process is effective and improving

Process Owner	Pania Lee
Process Expert	Wale Ilori

CONSULTED

Those whose opinions are sought

STAKEHOLDERS

None Noted

STAKEHOLDERS FROM LINKED PROCESSES

Process	Owner	Expert	Process Group
Deliver an Indicative Business Case	Rebecca Dawkins	Tracy Filipo	Capital Projects Business Cases
Deliver Detailed Design of a Capital Project	Wale Ilori	Peter Curry	Capital Projects Project Management
Provide Major Projects Team Advice Prior to Resource Consent	Lisa Gibellini	Martin Kozinsky	Customer Enquiries for Planning or Resource Consent Information
Tā i Te Kawa /	Pania Lee	Casey	Te Kāhui

Hold a Dawn Ceremony and/or Mauri Stone	Anderson	Whiria / Māori Partnerships Team

INFORMED
Those notified of changes

All of the above. These parties are informed via dashboard notifications.

Systems

None Noted

Lean

None Noted

Process Approval

Published on 01-11-2023 (GMT) by Pania Lee

From: Lucy Clarke
To: Dayveen Ngati-Tama; Sylvie Filipo; Kristie Pakipaki; Jen Skilton; Taiao Rangitane; Tracey Williams; Resource Consents Ngatitoa; George Stafford; Pene Kaonohi; Renee Love; Lewis Smith
Cc: Lucy Clarke; Mere Wetere; Warren Biggs; Garreth Gabb; Jonny Edmonds
Subject: NWWTP Wetlands - Rongoa Advice and Planting Plans
Date: Wednesday, August 23, 2023 8:57:25 AM

Tēnā koutou katoa,

Unfortunately there have been a few last minute apologies come through and we no longer have sufficient attendance to hold the hui today, so it will be cancelled.

Proposed options to consider, there are voting buttons included above, or email me your preference.

1. Reschedule this hui urgently, proposed date in one week, 30th August 9.30am
2. Reschedule this hui non-urgently, proposed date 4th October 9.30am
3. Discuss this at the next Te Ohu Taiao on 25th October

Please keep in mind that the planting season is while the ground conditions are wet, therefore we are running tight on time for planting this winter. The planting may need to occur July 2024 or when the ground is sufficiently saturated for good planting success.

Ngā mihi,

Lucy

Lucy Clarke
Project Manager
Kaiwhakarite Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
P 03 543 7286 | M 022 0147 255
nelson.govt.nz

Lucy Clarke

Subject: NWWTP - Wetlands Planting Project Hui
Location: Microsoft Teams Meeting

Start: Wed 04-Oct-23 9:30 AM
End: Wed 04-Oct-23 10:30 AM

Recurrence: (none)

Meeting Status: Meeting organizer

Organizer: Lucy Clarke
Required Attendees: Lucy Clarke; Tracey Williams; Pene Kaonohi; Dayveen Ngati-Tama; Sylvie Filipo; Kristie Pakipaki; Jen Skilton; Taiao Rangitane; George Stafford; Renee Love; Lewis Smith
Optional Attendees: Mere Wetere; Warren Biggs; Garreth Gabb; Jonny Edmonds; Belinda Reburn; Will Morrison

Tēnā koutou katoa,

You are invited to attend this hui to share feedback on the proposed planting plans and rongoā expert advice shared for the Nelson Wastewater Treatment Plant.

This is an online hui, rescheduled from the originally proposed hui on August 23rd. Please keep in mind that the ground conditions for successful planting will most likely be too dry by October, so the planting would now be most likely to occur in July 2024, which can be discussed at the hui.

Click here to join the meeting

The planting plan and rongoā expert advice documents were shared in an email on the 11th August, and are also available for download on Te Parikaranga, the NCC iwi engagement platform.

Remuneration for your mahi on this hui, is according to standard NCC agreement, described below.
Each iwi can invoice the Council $100 per hour excluding GST for attendance of one iwi representative that will be paid to your respective iwi trust. The hourly rate includes travels disbursements which cannot be claimed in addition to this payment. Payment will be made on receipt of a valid tax invoice from the Iwi authority. No payment will be made in the event of non-attendance. For each hui the basis would be equal times preparation and attendance, (eg. One hour prep for a one hour hui, total of two hours invoiced).
If you do not have a Purchase Order (PO) to cover the costs of attending this project's meetings, please contact me and I will arrange one.

A copy of the email content shared on 11th August is included below:
Note, the proposed hui was rescheduled from 23rd August to 4th Oct in response to iwi availability.

At the Te Ohu Taiao Hui this week on 9th August, I shared that NCC hoped to have more information on the planned planting at the Wetlands at Nelson Wastewater Treatment Plant this week.

I'm pleased to be able to share with you the attached documents, these are;

a. The concept planting list – the list of plants for each area
b. The Rongoa consultation advice, following the request for this information by Dayveen and Sylvie, commissioned from Ripeka Hook
c. The Planting Plan locations for the plants, including both Stage 1 (plants we can source for immediate planting if approved) and Stage 2 (future planting, harder to source plants)

I would like to offer a hui to discuss this information, and propose a date of Wednesday 23rd August at 11am.

Stage 1 planting is planned to occur as soon as possible, while the weather is wet for best planting success. Recommendations received from iwi for this previously include;

- A blessing ceremony to occur at the start of the day of planting
- Kumanu could be engaged to complete the work of planting the plants
- An iwi monitor may be needed during the planting works
- Planting to occur at a time to maximise successful plantation and minimise the impact on the surrounding area (winter)

This information will be uploaded to the NCC Iwi Engagement Platform shortly (next week). I also welcome any feedback through the engagement platform, or in any other form should attending a hui not be the preferred method for feedback.

Ngā mihi,

Lucy

Lucy Clarke
Project Manager
Kaiwhakarite Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
P 03 543 7286 | M 022 0147 255
nelson.govt.nz

Microsoft Teams meeting

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NWWTP Hui 04/10/2023 – 9.30am – 10.30am

Wetland Planting

Attendees: Dayveen Stephens (Ngāti Tama), Tracey Williams (Ngāti Toa), Belinda Reburn (Kumanu), Will Morrison (Kumanu), Lucy Clarke, Jonny Edmonds, Pania Lee (left at 9.55am), Rebecca Dawkins (left at 9.55am), Garreth Gabb,

Apologies: George Stafford (Ngāti Rārua), Jaida Howard (Te Rūnanga o Toa Rangatira), Rob Lieffering (SLR), Rob Searle (Stantec), Warren Biggs

Hui:
Karakia by Pania and introductions by all attending.

Previous Minutes: Lucy led a review of the Minutes from the previous meeting in September. Since then, Sylvie provided suggestions of appropriate people to engage a Rongoa review the Kumanu planting list. Ripeka Hook was engaged and provided a review with considerations, which was shared with Attendees. It was noted that Ripeka has not been to the site.

General Discussion:
Tracey and Dayveen agreed to move forward with Kumanu's proposed planting list. It was noted that Tracey and Dayveen both agreed that the Wetlands planting site should not be used as an education area and nothing should be harvested. **Action Point** Jonny to send Kumanu's planting list again so that it is top of everyone's emails.

Belinda & Will explained the considerations when preparing the planting list: to enhance communities of plants, considering ecological impacts, with the aim to start planting in July 2024. Will confirmed Hillwood Stream. Resource Consent. The bank's regrading would mainly provide habitat for fish species, namely inanga, banded kokopu and longfin eels (and possibly shortfin). It would also provide habitat for fernbird and increase the habitat heterogeneity for other birds in the area.

Lucy confirmed Iwi Monitoring will be facilitated at the time of *planting.*

Dayveen expressed concern that there is a particular area around the stream near the bridge where the public could have access to. NCC confirmed this area is not being promoted as public access. This area is not in the current planting plan. Dayveen wants this area to be included in any future planting plans. It was agreed that this area would be included in any future phases of work.

Site Blessing
To take place when the planting date is confirmed. It should include Kumanu staff, Rebecca, Jonny, and iwi who have been active. Those attending from iwi will need to be renumerated and ensure budget for kai for everyone. It was agreed this will be finalized closer to the time.

Garreth: ensure stage 2 planting includes the fence line sections; to ensure Fence Line RC compliance and works well with 2024 timeline.

Tracey asked about the planting between two ponds. Will advised that the flax is thriving so much there that it now needs to be thinned.

Tracey suggested NCC discuss the reconsenting of the Blenheim Treatment plant with MDC. **Action Point** Tracey to share Richard Conningham's contact details with Lucy.

Tracey asked why Iwi were not approached for planting; Dayveen and Lucy summarized that Iwi were invited but had to decline due to lack of capacity and instead asked NCC to source a consultant/contractor. This does not rule out whanau working alongside Kumanu in the future to work on their own land. Tracey thanked Lucy and Dayveen for the summary. Being a later group member means Tracey hasn't been involved in earlier discussions.

Tracey asked about a longer-term request to move the NWWTP site. Dayveen advised that herself and Pania have started discussions outside of this group, as it's part of a much bigger discussion in a different forum, that discussion includes Iwi's aspirations around Wastewater Plants. Smaller projects, including the proposed Wetlands planting, are part of that larger discussion. Dayveen and Tracey encourage NCC to work with TDC and MDC in a coordinated effort and to consider where Iwi are coming from.

Tracey asked that inanga is considered in planting plans, and Belinda confirmed that this is always front of mind.

Dayveen asked where the korero was in the Minutes from previous hui. At that hui time a request was made for a letter to be drafted and sent to NCC Senior Management. Dayveen emphasized that this should not have been omitted and again reiterated the request for Lucy to draft a letter, then Dayveen to review, before being sent to NCC management. Do not over promise to Iwi, and underdeliver. Dayveen expects an acknowledgement from NCC, with a request that currently working with our kaitoku, commitment that someone is having a conversation with someone to get a way forward.

NCC have acknowledged such a request, and this intention and it was discussed at Te Ohu Taiao (25th of October)

Lucy advised the group that she is planning to finish at the end of November on Maternity Leave, expecting to return in July 2024.

Karakia by Lucy to close the hui.

NWWTP Hui 13/09/2023

Attending: Lewis Smith (Ngāti Kuia), Lucy Clarke, Jonny Edmonds, Warren Biggs, Kathryn Halder, Garreth Gabb

Hui:

Karakia by Lewis and introductions by all attending.

Questions and Answers discussed today:

1. The Cultural Values and Effects Sections are blank, what's the plan there?
    a. Lucy noted NCC are seeking Cultural Effects/Impacts Assessments (CEA/CIA) from iwi to fill these sections of the application.
    b. Lucy noted the timeframe outlined is to complete feedback assessments during September, October, November 2023.
    c. Lewis noted Ngāti Kuia interest in completing a CEA and noted that this could be a joined response with some other iwi whose cultural values align. Lewis planning to follow up and confirm which iwi. Timeframe noted as feasible.
2. How does this application work with the korero on removal of wastewater discharge to waters, and how does the replacement diffuser fit into the plans?
    a. Kathryn explained that a wide number of options had been analysed for alternative methods of wastewater disposal including land application, managed aquifer recharge and beneficial reuse of highly treated wastewater as non potable water and why these were ruled out. This assessment of alternatives is included in the AEE Report and appendices.
    b. The assessment of the surrounding lands did not identify at this stage a practicable all year round land application alternative that did not result in other waterways being potentially effected and that is currently affordable to our Whakatū community. The beneficial reuse of wastewater may be something to consider futher as part of long term regional korero.
    c. The existing outflow diffuser was installed in 1979 and is planned for replacement at the end of its current life estimated within 15 -20 years, which is to be monitored and completed as needed within the timeframe of the current consent.
    d. A concept design of the new diffuser is included in the AEE Report and appendices and explains the benefits of this upgrade.
3. What's the best way to get cultural values included?
    a. Lucy confirmed that providing a CEA/CIA is the best way for cultural values to be included in this application.
    b. Warren and Kathryn noted the other two longer term (30-100 year) kaupapa that NCC are putting planning and efforts into currently. These are the NCC wastewater strategy project and the iwi regional wastewater framework document.
4. How and when can a site visit be arranged?
    a. NCC confirmed a site visit is an excellent idea for this kaupapa, and site visits in general are welcomed at any time.
    b. The key contacts to arrange site access are Jonny Edmonds (NCC PM with Lucy going on maternity leave) for this project and/or Garreth Gabb (NCC Utilities Engineering Officer) for any reason at any time, please give a few days notice for notifying staff on site.
    jonny.edmonds@ncc.govt.nz or ph. 022 014 4135

garreth.gabb@ncc.govt.nz or ph. 022 010 4329

5. What's the background on shellfish sites?
    a. Kathryn provided a summary of how the risks to human health are modelled and assessed as part of the resource consent application.
    b. The risks for several activies such as contact recreation sports and consumption of raw shellfish are modelled based on NZ best available data and assumptions are made as part of the model on how each stage of the wastewater treatment process reduces pathogen concentrations.
    c. This risk assessment concluded all potential risks from contact recreation acitivites within the Tasman Bay, Tāhunanui and Nelson Haven areas to be very low. The model however identified a potential risk of illness from consumption of uncooked shellfish that may be exposed to treated, diluted wastewater if viable shellfish beds exist in specific areas. It should be noted that a number of the sites assessed are unlikely to support shellfish beds due to the dynamic nature of the seabed at those locations.
    d. To verify the model assumptions and any uncertainties the Council have immediately started testing for human norovirus, which was identified as the key risk pathogen associated with consuming raw shellfish, in the wastewater entering and leaving the wastewater treatment plant to confirm the level of pathogen reduction currently being achieved.
    e. NCC will also complete surveying to verify if there are viable filter feeding shellfish beds (e.g. oysters, scallops, cockles, pipi, mussels) in the areas of concern identified. NCC are keen to know of any traditional locations for shellfish gathering so that all sites can be fully assessed. NCC are seeking to confirm these mahinga kai locations ASAP so the surveying can begin.
    f. The results of this monitoring will then be used to determine whether the NWWTP needs to be upgraded to improve reduction in human norovirus concentrations.

6. Is there an ongoing CHI programme?
    a. Warren noted that NCC would benefit from iwi including recommendations for the approach to ongoing CHI to be included in the CEA/CIA feedback. There are currently no specific requirements set for what CHI should look like going forward.
    b. At the moment NCC are working on actions from the CHI undertaken in 2022 by Daren Horne, including the Wetlands improvements planting project.
    c. Warren noted the benefit for having an 'implementation' timeframe between CHI reports so that actions discovered can be improved upon.

NWWTP Hui 21/09/2023 – 11:00 to 12:00

Attendees: George Stafford (Ngāti Rārua), Dayveen Stephens (Ngāti Tama), Jaida Howard (Te Rūnanga o Toa Rangatira), Lucy Clarke, Jonny Edmonds, Panis Lee (left meeting at 11.30) , Garreth Gabb, Rob Lieffering (SLR), Rob Searle (Stantec), Warren Biggs (joined meeting at 11.35)

Hui:
Karakia by Pania and introductions by all attending.

Format of discussion: It was agreed for Lucy to lead the group through the questions and answers from the hui on 13 September 2023, the minutes of which were circulated prior to the meeting.

Matters raised:

1. CEA/CIA; Lucy confirmed that Lewis (Ngāti Kuia) wanted to complete a CEA/CIA and offered to undertake with other iwi. George asked why iwi were not asked earlier to do this and Lucy explained that the CEA/CIA was on the AEE that has just been completed and that a 3 month had been allowed for iwi to respond to it and/or complete a CEA/CIA.
2. Dayveen said that she had provided feedback prior to the first hui directly to Lucy. Lucy apologized and could not find the email with the feedback. Dayveen agreed to resend email.
3. Jaida asked whether there was a proffered condition stating NCC would look at other options for discharge rather than discharging to the sea at some point during the consent duration. Rob L and Lucy explained that there was no condition for discharge to land from the NWWTP location due insufficient land and a high risk of contamination to waterways.

There were no new questions on the draft AEE.I

General discussion:

George and Dayveen reiterated their preference for wastewater discharge to go to land and not to water. This was acknowledged by Lucy and Warren.

George was uncomfortable with supporting a Resource Consent that did not align with iwi aspirations and long-term goal for wastewater discharge to go to land.

Dayveen was not comfortable with a 35-year Resource Consent period and advised Ngāti Tama would challenge it.

George and Dayveen expressed concerns that NCC were not attending the regional wastewater hui organized by TDC and NRSBU and felt NCC were not engaged with understanding iwi long term aspirations in planning. Warren explained although NCC do not have a formal mandate with the regional wastewater group, NCC staff are attending the hui. NCC have requested a formal invitation from the group. NCC have started discussions with Te Ohu Taiao . (May 2023) on a 30+ year strategic plan for the NWWTP.

The discussion continued and it was suggested that:

- Lucy drafts a letter for Dayveen to send on behalf of iwi to NCC senior management to request that they agree to a hui with iwi to discuss the concerns and issues iwi have with the treatment and discharge of wastewater.

Pathogen testing and shellfish gathering sites:

Lucy and Rob L outlined that during the AEE process the risks of the discharge on contact recreation (swimming and boating) as well as consumption of shellfish was assessed at several sites. While swimming and boating are known to occur at all the sites assessed, it is currently uncertain whether the sites support shellfish beds and ground truthing of the sites would be undertaken and iwi were asked to provide any information on where they knew shellfish were located. Dayveen said that NCC already had a project coming up this summer under Harry Allard and suggested we discuss this with him. Jonny agreed to facilitate this.

Attachments: Dayveen Stephens (Ngāti Tama)- Email

Louise Morten

From: Taiao | Ngati Tama <taiao@ngati-tama.iwi.nz>
Sent: Thursday, September 21, 2023 2:39 PM
To: Lucy Clarke
Cc: Jonny Edmonds
Subject: RE: NWWTP email response from Ngati Tama

CAUTION: External email.

Do not click links or open attachments unless you recognise the sender and know the content is safe.

Kia ora Lucy,

I have trailed back through my inbox and could only find the email stating I will not be available but go with the majority, however here are the considerations for Ngāti Tama;

1. Ngāti Tama finds discharging of wastewater into Wai/Moana is UNACCEPTABLE.
2. Renewal period 35 years is inappropriate to our long term values and aspirations to not have a Wastewater Treatment Plant location in the current area and discharging wastewater into the Moana.
3. Ngāti Tama have not had any engagement or discussion that outlines the long term strategy of Wastewater with Nelson City Council in relation to the Nelson North Wastewater Treatment Plant.
4. Our mission to only have 1 Wastewater Treatment Plant that NCC/TDC would have and discharge out to land, not water or sea.

Hope that helps.

Dayveen Stephens
Environmental Manager
P: 03 5481740



From: Lucy Clarke <lucy.clarke@ncc.govt.nz>
Sent: Thursday, September 21, 2023 2:30 PM
To: Taiao | Ngati Tama <taiao@ngati-tama.iwi.nz>
Cc: Jonny Edmonds <jonny.edmonds@ncc.govt.nz>
Subject: NWWTP email response from Ngati Tama

Kia ora Dayveen,

I have been back through my emails searching for the feedback you mentioned you sent me with Ngati Tama feedback, unfortunately I really can't find it, I'm not sure I ever received it, and so I'll need to ask your help so I can record and include the information.

Could you please resend it to me, and check the email address that it was sent to?

Ngā mihi,

Lucy

Lucy Clarke
Project Manager
Kaiwhakarite Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
P 03 543 7286 | M 022 0147 255
nelson.govt.nz

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Catch Up with Dayveen- Ngati Tama 18th October 2023- 9:30am

Meeting Notes

Dayveen expressed Ngāti Tama would like to do a CIA for the NWWTP Resource Consent- Would like an email sent to the wider IWI showing that NCC would support a CIA collectively & provide funding (we have this available)

Advised this was a 3–4-month process, due to having Whanau check the findings & potential changes/updates.

Louise Morten

From: Taiao | Ngati Tama <taiao@ngati-tama.iwi.nz>
Sent: Wednesday, October 18, 2023 4:17 PM
To: Jonny Edmonds
Subject: RE: Nelson Waste Water Treatment Plant

CAUTION: External email.

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Sounds good, thanks!

Dayveen Stephens
Environmental Manager
P: 03 5481740



From: Jonny Edmonds <jonny.edmonds@ncc.govt.nz>
Sent: Wednesday, October 18, 2023 3:37 PM
To: Taiao | Ngati Tama <taiao@ngati-tama.iwi.nz>
Subject: Nelson Waste Water Treatment Plant

Kia Ora Dayveen

Thank you for the catch up today, I found it beneficial as to understanding how the CIA process works.

Instead of sending out an email, I will wait until the Te Ohu Taiao meeting (next week) as this forms part of the agenda.

Ngā mihi / Thanks

Jonny Edmonds
Project Manager-Capital Projects
Kaiwhakarite Kaupapa

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P 03 539 5597
nelson.govt.nz

Louise Morten

From: Jonny Edmonds
Sent: Thursday, November 2, 2023 10:56 AM
To: Dayveen Ngati-Tama; George Stafford; Jennifer Skilton; Kristie Pakipaki; Leona deRiddel; Lewis Smith; Pene Kaonohi; Renee Love; Resource Consents Ngatitoa; Resource Management Ngatitoa; Taiao Rangitane; Tracey Williams
Cc: Rachel Bewley; Warren Biggs
Subject: CIA- Cultural Impact Assessment & Meeting Minutes
Attachments: Complete a Cultural Effects Assessment (1).pdf; WETLANDS Hui 04 October 2023.pdf; 20230810 WAKAPUAKA NWWTP landscape enhancement planting plan.pdf

Kia ora koutou,

This is a friendly reminder that we would like to confirm contracts with service providers who will be completing Cultural Effects assessments (CEA) on behalf of iwi in relation to the Nelson Wastewater Treatment Plant Resource Consent.

As discussed with you, we are aiming to have the CEA's completed by **29 February 2023**. Ngāti Kuia and Ngāti Apa ki te Rā Tō have advised that Ngāti Kuia will provide a CIA on their behalf.

Can the other iwi please contact me to confirm who will be writing your CEA. NCC have allocated some funding to complete assessments and reporting for this project, so it is important we have adequate funding available.

Please also find the attached meeting minutes from the Hui held on the 4th of October 2023, regarding NWWTP Wetlands Planting Project.

I look forward to hearing from you.

Kind regards / or Ngā mihi

Ngā mihi / Thanks

Jonny Edmonds
Project Manager-Capital Projects
Kaiwhakarite Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
P 03 539 5597
nelson.govt.nz

Louise Morten

From: Jen Bennett <jen@kindmindkai.com>
Sent: Thursday, November 9, 2023 1:44 PM
To: Jonny Edmonds
Subject: Re: CIA- Cultural Impact Assessment & Meeting Minutes
Attachments: NCC Contract - Jen Bennett.pdf; INC6367653753200652855.pdf

CAUTION: External email.

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Kia ora Jonny
Please find attached. Also attached is my new certificate of incorporation to reflect the business name change.

Mauri Ora,



Jen Bennett

PS. We are expanding and rebranding - and are looking forward to sharing this with you!
Jen B

On Wed, 8 Nov 2023 at 09:52, Jonny Edmonds <jonny.edmonds@ncc.govt.nz> wrote:

> Hi Jenny
>
> Please review the small works contract attached, in relation to undertaking the works required for completing a CIA on behalf of Ngāti Tama.
>
> Can you please sign & put down the Liability Limitation Amount required and send this back to me.
>
> I will then issue a PO so the works can be undertaken, feel free to call me if you have any questions.
>
> Ngā mihi / Thanks
>
> **Jonny Edmonds**

Project Manager-Capital Projects

Kaiwhakarite Kaupapa

Nelson City Council | Te Kaunihera o Whakatū
P 03 539 5597

nelson.govt.nz



From: Jenny Bennett | KMK Facilitation & Liaison <jen@kindmindkai.com>
Sent: Tuesday, 7 November 2023 9:30 am
To: Jonny Edmonds <jonny.edmonds@ncc.govt.nz>
Subject: Re: CIA- Cultural Impact Assessment & Meeting Minutes

CAUTION: External email.

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Kia ora Jonny

I can confirm that we can complete a CIA for Ngāti Tama by the date given. The cost for this will be $6000+GST, inclusive of travel/site visits/hui.



From: Jonny Edmonds <jonny.edmonds@ncc.govt.nz>
Sent: Thursday, November 2, 2023 10:56 AM
To: Dayveen Stephens | Ngāti Tama <taiao@ngati-tama.iwi.nz>; George Stafford <george.stafford@ngatirarua.iwi.nz>; Jennifer Skilton <jen.skilton@ngatiapakiterato.iwi.nz>; Kristie Pakipaki <kristie@teatiawatrust.co.nz>; Leona deRiddel <leona@ngatikuia.iwi.nz>; Lewis Smith <Lewis@ngatikuia.iwi.nz>; Pene Kaonohi <penek@ngatikoata.com>; Renee Love <renee@teatiawatrust.co.nz>; Resource Consents Ngatitoa <resource.consents@ngatitoa.iwi.nz>; Resource Management Ngatitoa <resourcemanagement@ngatitoa.iwi.nz>; Taiao Rangitane <taiao@rangitane.org.nz>; Tracey Williams <tracey.williams@ngatitoa.iwi.nz>
Cc: Rachel Bewley <rachel.bewley@ncc.govt.nz>; Warren Biggs <warren.biggs@ncc.govt.nz>
Subject: CIA- Cultural Impact Assessment & Meeting Minutes

Kia ora koutou,

This is a friendly reminder that we would like to confirm contracts with service providers who will be completing Cultural Effects assessments (CEA) on behalf of iwi in relation to the Nelson Wastewater Treatment Plant Resource Consent.

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I look forward to hearing from you.

Kind regards / or Ngā mihi

Ngā mihi / Thanks

Jonny Edmonds

Project Manager-Capital Projects

Kaiwhakarite Kaupapa

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P 03 539 5597

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Subject: 2877 Nelson City Council - NWWTP Resource Consent Project update with Jen Bennett, Kind Mind Kai 21 November 2023 1.30pm

Background: Jen Bennett has been engaged by Dayveen Stephens Ngati Tama, to write the Cultural Impact Assessment of the proposed NWWTP Resource Consent.

Notes of discussion: Kathryn Halder, Stantec, provided overview of the NWWTP's current operations.

- Currently water enters the plant into the retention ponds, then wetlands, then discharged into the ocean.
- 2010 wetlands were introduced.
- Resource Consent timeline and approach. Alternatives have been considered, of the treatment and the site for discharge.
- After alternatives considered a Best Practicable Option (BPO) was determined which is what the Application is based on.
- Jen asked to what level of involvement iwi has had. Kathryn and Jonny confirmed discussions have taken with iwi representatives since 2019.
- 35 years is the maximum length of time under the Resource Management Act that a wastewater treatment plant can receive a Consent for.
- There is a hui planned for 7 December 2023 with NCC Chief Executive, Infrastructure GM, Iwi Managers to discuss the long Resource Consent & Long Term Plan
- NCC recognised a desire to investigate options for discharging to land. Money is set aside to enable that investigation.
- Jen asked about the impact of recent flooding events – nothing has impacted the plant to date.
- Jen asked what happens if the Resource Consent expires before a decision is made. This wont happen as we will be lodging in December 2023 and the existing consent expires in December 2024.

Actions:

- Jonny to check with Pania about providing Jen with access to the Iwi Engagement Platform. As a backup, Jen should be able to use Ngati Tama's log in.
    - Jen's main focus is the Table of Contents and the Timeline of Events. The timeline is in the appendices.