

I, Kitea Tipuna, Tumu Whakarae Chief Executive, hereby give notice that Infrastructure Committee Meeting will be held on:

Date: Tuesday, 29 June 2021

Time: 1.30pm

Location: Council Chamber, Wairoa District Council,

Coronation Square, Wairoa

AGENDA

Infrastructure Committee Meeting 29 June 2021

The agenda and associated papers are also available on our website: www.wairoadc.govt.nz

For further information please contact us 06 838 7309 or by email info@wairoadc.govt.nz

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- 4 CHAIRPERSON'S ANNOUNCEMENTS
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- **6 PUBLIC PARTICIPATION**

A maximum of 30 minutes has been set aside for members of the public to speak on any item on the agenda. Up to 5 minutes per person is allowed. As per Standing Order 15.1 requests to speak must be made to the Chief Executive Officer at least one clear day before the meeting; however this requirement may be waived by the Chairperson. Requests should also outline the matters that will be addressed by the speaker(s).

7 MINUTES OF THE PREVIOUS MEETING

Ordinary Meeting - 18 May 2021

MINUTES OF WAIROA DISTRICT COUNCIL INFRASTRUCTURE COMMITTEE MEETING HELD AT THE COUNCIL CHAMBER, WAIROA DISTRICT COUNCIL, CORONATION SQUARE, WAIROA ON TUESDAY, 18 MAY 2021 AT 1.33PM

PRESENT: His Worship the Mayor Craig Little, Cr Chaans Tumataroa-Clarke, Cr Denise

Eaglesome-Karekare (From 1.39pm), Cr Hine Flood (Deputy Mayor), Mr Chris

Olsen

IN ATTENDANCE: Kitea Tipuna (Tumu Whakarae Taupua/Interim Chief Executive), Stephen

Heath (Pouwhakarae – Hua Pūmau Hapori/Ratonga Group Manager Community Assets and Services), Kimberley Tuapawa (Pouwhakarae – Pārongo/Wheako Kiritaki Group Manager Information and Customer Experience), Simon Mutonhori (Kaiwhakahaere Ratonga Kiritake-Waeture/Customer Service Manager – Regulatory), Jonny Hardie (Kaiwhakahaere Kaupapa – Whaipainga/Project Manager – Infrastructure), Luke Knight (Kaiwhakahaere Rawa Property Manager), Gay Waikawa

(Kaiurungi Mana Arahi/Governance Officer

1 KARAKIA

Karakia was given by Kitea Tipuna, Tumu Whakarae Taupua/Interim Chief Executive The chairperson welcomed everyone to the meeting.

2 APOLOGIES FOR ABSENCE

Nil

3 DECLARATION OF CONFLICT OF INTEREST

None.

4 CHAIRPERSON'S ANNOUNCEMENTS

None.

5 LATE ITEMS OF URGENT BUSINESS

PUBLIC EXCLUDED LATE ITEM – LEGAL ADVICE FOR COUNCIL LAND DEVELOPMENT (HOUSING, HORTICULTURE AND OTHER DEVELOPMENT)

COMMITTEE RESOLUTION 2021/59

Moved: His Worship the Mayor Craig Little

Seconded: Mr Chris Olsen

That in accordance with Section 46A (7) of the Local Government Official Information and Meetings Act 1987 the **Public Excluded Item 9.1** – **Legal Advice for Council Land Development (Housing, Horticulture and Other Development)** be considered given the item had not come to hand at the time of Agenda compilation and consideration of this matter is required now in order to respond within the timeframe allowed.

CARRIED

6 PUBLIC PARTICIPATION

None.

7 MINUTES OF THE PREVIOUS MEETING

COMMITTEE RESOLUTION 2021/60

Moved: Cr Hine Flood

Seconded: Cr Chaans Tumataroa-Clarke

That the minutes [and confidential minutes] of the Ordinary Meeting held on 6 April 2021 be confirmed.

CARRIED

8 GENERAL ITEMS

8.1 COMMUNITY ASSETS AND SERVICES DEPARTMENT - UPDATE

COMMITTEE RESOLUTION 2021/61

Moved: Cr Chaans Tumataroa-Clarke

Seconded: Cr Hine Flood

That the Committee receive the report.

CARRIED

The Pouwhakarae-Hua Pumau Hapori/Ratonga Group Manager Community Assets and Services presented his report and reported on CASS Project Tracker, Activity report, CSR report, Photos-Land Transport, 2018 Blue Bay Information Flyer, 2018 Blue Bay letter and Example dashboard-3 Waters.

At length discussion was held on the Blue Bay taps on roadside and reviewed the risk and considered it appropriate to remove the 3 roadside taps due to increasing risks.

Mr Olsen advised the Committee on managing potable water and signs being vandalised as they are too difficult to manage and risk to public perception.

8.2 3 WATERS STIMULUS PROJECT UPDATE

COMMITTEE RESOLUTION 2021/62

Moved: Cr Denise Eaglesome-Karekare Seconded: His Worship the Mayor Craig Little

That the Committee receive the report.

CARRIED

The Kaiwhakahaere Kaupapa-Whaipainga Project Manager-Infrastructure presented his report and reported on Project Tracking spreadsheet, memorandum-Three Waters Stimulus Procurement, NTC#15-Separable Portions for 3W Stimulus and HBRC letter confirming Abatement Notice deadline extension and Photos.

Project Smart Meters were discussed at length as are experiencing supply and resourcing problems resulting in delayed start.

9 PUBLIC EXCLUDED ITEM

RESOLUTION TO EXCLUDE THE PUBLIC

COMMITTEE RESOLUTION 2021/63

Moved: Cr Chaans Tumataroa-Clarke

Seconded: Cr Hine Flood

That the public be excluded from the following parts of the proceedings of this meeting at 2.20pm.

The general subject matter of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48 of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

| General subject of each matter to be considered | Reason for passing this resolution in relation to each matter | Ground(s) under section 48 for the passing of this resolution | | |
|--|--|--|--|--|
| 9.1 - Legal Advice for Council Land Development (Housing, Horticulture and other development) | s7(2)(g) - the withholding of the information is necessary to maintain legal professional privilege | s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist under section 6 or section 7 | | |
| CARRIED | | | | |

COMMITTEE RESOLUTION 2021/64

Moved: Cr Chaans Tumataroa-Clarke Seconded: Cr Denise Eaglesome-Karekare

That Council moves out of Closed Council into Open Council at 3.02pm.

CARRIED

CHAIRPERSON

| The Meeting closed at 3.03pm with a Karakia by Kitea Tipuna. |
|--|
| The minutes of this meeting were confirmed at the Infrastructure Committee Meeting held or 29 June 2021. |
| |
| |
| |

8 GENERAL ITEMS

8.1 3 WATERS STIMULUS PROJECT UPDATE

Author: Jonny Hardie, Kaiwhakahaere Kaupapa-Whaipainga Project Manager-

Infrastructure

Authoriser: Stephen Heath, Pouwhakarae – Hua Pūmau Hapori / Ratonga Group

Manager Community Assets and Services

Appendices: 1. Appendix 1 - Project Tracking spreadsheet $\frac{1}{2}$

2. Appendix 2 - Opoutama WWTP Upgrade project descriptions &

3. Appendix 3 - Photos 👃

1. PURPOSE

1.1 This report provides information for Committee on the Three Waters Stimulus package.

1.2 No decisions are required by Committee at this stage.

RECOMMENDATION

The Kaiwhakahaere Kaupapa-Whaipainga Project Manager-Infrastructure RECOMMENDS that Committee receive the report.

2. BACKGROUND

2.1 This report forms a summary only of projects "at a glance". Additional reports will continue to be provided where further direction is sought from Infrastructure Committee.

3. DIRECTION

- 3.1 This section will outline the direction that Infrastructure Committee & Council provide CAAS. It will outline how projects align with Council's direction and how these projects are being delivered in line with relevant policies and strategies i.e. Infrastructure strategy, procurement guidelines, AMPs, LTP, Annual Plan.
- 3.2 **Delivery Plan** 8th September 2020, Council Meeting.

Resolution: That Council approve the 3 Waters Reform tranche one and delegate the Chief Executive Officer to spend the grant funds.

3.3 **Memorandum of Understanding** - 11th August 2020, Extraordinary Council Meeting.

Resolution: Agreeing to sign a Memorandum of Understanding (MoU) with the Crown, agreeing to participate in the initial stage of a central/local government three waters service delivery reform programme and authorising the Chief Executive to enter into the Funding Agreement, to accept a grant from the Crown to spend on operating and/or capital expenditure relating to three waters infrastructure and service delivery.

4. MONITORING

- 4.1 This section will refer to the project dashboard at Appendix 1. Any project areas such as budget or delivery that are highlighted Amber or Red in the dashboard will be commented on here.
- 4.2 Project budgets continue to be adjusted as more information becomes available. Some scopes are increased or reduced depending on the nature and priority of each project, and to cover unforeseen variations.
- 4.3 The Mahanga water supply referendum result indicated the supply will remain operational. The original budget for this project has been reduced to \$75,000 which will include an additional concrete water tank, upgrading the chlorination dosing system, electrical controls, new SCADA monitoring with alarming, new smart meter volumetric data collection, and reservoir level monitoring. This project will commence towards the end of the year
- 4.4 The upgrade of the Opoutama Wastewater Treatment Plant has begun, firstly on the plant itself. The overall upgrade project includes three parts: underground effluent storage tanks to allow the caravan dump station to reopen; treatment plant upgrade to improve treatment quality; expansion of the disposal field beside the plant. See Appendix 2 showing project information sheet.
- 4.5 Fulton Hogan have completed approximately 400 toby replacements in Wairoa Township, out of more than 2200, as part of the smart meter/backflow prevention project. Progress is on target for a March 2022 completion.
- 4.6 The River Parade watermain replacement project is scheduled to begin in July 2021. There has been a hold up with pipe supply which has delayed the start date.
- 4.7 See below in Risks for the identified risks of the Three Waters Stimulus Projects.

5. RISKS

- 5.1 This section will refer to the project dashboard at Appendix 1. Any risks outlined will be summarised with mitigation actions outlined. This will focus on the high or extreme risk levels.
- 5.2 Cost overruns are expected on certain projects, which will be balanced out by projects where known tender prices/quotes are less than budgets, or where projects have been removed or scaled down. However the total \$11.04 million stimulus package will not have any cost overrun.
- 5.3 The quality of discharge from the Blue Bay / Opoutama Wastewater Treatment Plant is currently non-compliant and breaching conditions of resource consent AUTH-118685-02. The deadline for improvements and to comply with the abatement notice is 31 October 2021. Works are commencing on site starting 22/06/2021. Voluntary engagement with the community has begun via our Maori Relationships Manager, Duane Culshaw. Feedback to date has been mostly positive. As above, see Appendix 2 for further information regarding the planned upgrades.
- 5.4 Quarterly reporting to the Department of Internal Affairs (DIA) has identified several key risks to the project. The following table is taken from the most recent April quarterly report and identifies the current top 5 risks to the project. The latest report is due to DIA at the end of June 2021; and these risks will be reviewed and updated at that time.

| Top 5 Risks and Contractor Claims | | | | |
|--|------------|--|--|--|
| Risk Name | Risk Level | Commentary | | |
| Completion of programme by 31 March 2022 | High | Current programme indicates completion by March 2022. However, some works are yet to be procured, and some are experiencing resourcing issues which may become more of an issue closer to the completion date. The programme completion deadline is putting extra pressure on our already stressed resources, especially in a small town like Wairoa where it can be difficult to attract skilled suppliers and competition. | | |
| Under expenditure - \$11.04M programme is significant compared to prior years' expenditure. | Medium | Three new WDC staff have been appointed to deliver this stimulus package. Suppliers are also resourcing to accommodate influx of work, however some are having issues finding suitably skilled staff. | | |
| Minor variation to existing consent and landowner approval required for the Opoutama/Blue Bay WWTP effluent disposal field. | Low | This amendment is ready to be lodged. This should not present any risk to programme delivery. | | |
| Smart metering (\$2.98M) is new to the Wairoa DC. | Medium | Fulton Hogan Gisborne have provided the expertise to begin delivery, originally planned to start March 2021, but has been delayed to April 2021. They are currently delivering a metering programme for Gisborne District Council, and have proven experience in this area. However, there remains a significant risk to completion in such a tight timeframe due to lack of resource readily available. The programme and completion trajectory will be monitored closely. Fulton Hogan will continue to advertise for extra resource as delivery begins to roll out. | | |
| Covid related delays for overseas equipment orders | High | This remains a significant risk to our delivery programme. Suppliers are experiencing shortages in the country and delays when ordering from overseas some items as basic as pipes. Other items with supply shortages/delays that have impacted our programme include: Inlet screens, water manifolds, water meter boxes. | | |
| Lack of suppliers available to deliver accelerated works programme in such a tight timeframe | High | As indicated above, resourcing a delivery programme of this scale in such a tight timeframe comes with its challenges. Wairoa often relies on suppliers from outside of the district, and this case is no different. Currently the largest risk to delivery is the 'smart' metering programme which has been allocated over a quarter of the funding alone. | | |

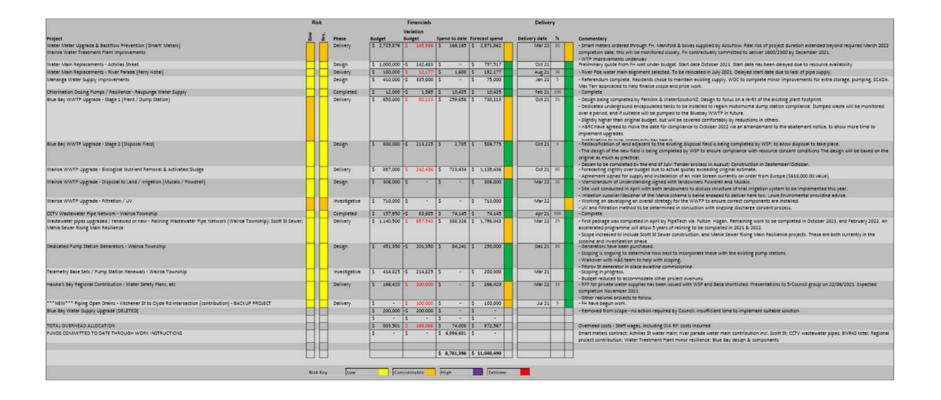
Quarter 2 (April 2021) Update

6. RESOURCES

- 6.1 This section will discuss levels of resourcing such as budget, equipment, contractors or staffing.
- 6.2 Three full time Council staff have been employed through this stimulus package.
- 6.3 Overall budget remains on track. As scoping progresses, we will have more clarity on how final budgets will be allocated for each project. This will be an ongoing juggle as the majority of projects do not yet have a current fixed price, and variations are likely. Funding is still on track to be spent by the required completion date of 31st March 2022.
- 6.4 The risk of delays due to COVID-19 remain high. Several items of equipment have been ordered from Europe with an estimated 6-month lead time. Ongoing COVID lockdowns are a possibility.
- 6.5 Several work packages are being delivered through our existing three waters contractor Fulton Hogan. Their size and presence allows access to further resource if required, which will help mitigate any project delays.

Signatories

Author Approved by Stephen Heath



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ÖPOUTAMA WASTEWATER TREATMENT PLANT INFORMATION SHEET

What, Why, How and When

Projects planned to improve the wastewater system at Opoutama:

- 1: Installation of underground storage tanks at the caravan dump station.
- 2: Upgrading the wastewater treatment plant to improve discharge quality.
- 3: Expansion of the underground disposal field beside the treatment plant.

WHAT is being done to improve the treatment process?

- 1. Installation of underground storage tanks at the caravan dump station.
- Two underground tanks are to be installed at the location of the existing caravan dump station near the toilets in Blue Bay (see attached plan). This will allow the caravan dump station to reopen.
- There will be no discharge to the surrounding environment as the effluent will be contained within the tanks and pumped out and transported to the Wairoa WWTP when full.
- An alarm will notify WDC staff via. SCADA when the tanks need emptying.
- 2. Upgrading the wastewater treatment plant to improve discharge quality.
- The new treatment system being installed harnesses the power of natural, environmentally friendly bacterial processes to treat the water better than what is currently being done.
- The existing concrete tanks will be reused to house a new Advanced Fixed Bed Biological Treatment System.
- The tank lids will be taken off so that the existing, ineffective equipment can be removed.
- New tank partitions, biological media, aeration, and associated equipment will be installed and commissioned, to remove more harmful nutrients from the water.
- A temporary side-stream process will be used to treat the flow of wastewater during construction to ensure no decline in quality.
- 3. Expansion of the underground disposal field beside the treatment plant.
- The underground disposal field works like an underground drainage system where
 the treated water is evenly spread through the ground. The microorganisms growing
 and living in the soil and the vegetation of the disposal field treat the water again to
 make it even safer.
- This extra discharge field will not have any negative effects on the environment.
- The new disposal field will be similar to the existing disposal field which consists of a series of 25mm diameter plastic pipes evenly distributed over top of 1m depth of 100-150mm diameter clean stone wrapped in drainage cloth.
- The location of the upcoming disposal field expansion is shown in green below.

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Figure: Locations of existing and proposed disposal fields.

WHY are these changes needed?

- 1. Installation of underground storage tanks at the caravan dump station.
- The two tanks will allow for effluent to be contained and tested, and to enable
 Wairoa District Council to reopen the dump station. When the tanks are full, the
 effluent will be transported to the Wairoa wastewater treatment plant for treatment
 and discharge.
- Collecting the effluent in these tanks will give the Council the opportunity to test the types of waste being disposed from the caravans.
- HBRC have confirmed this project does not require a resource consent as there will be no effluent discharged to the environment.
- 2. Upgrading the wastewater treatment plant to improve discharge quality.
- The wastewater treatment plant is currently not operating correctly and therefore
 not treating the effluent to an environmentally safe level the bugs in the water are
 not being removed properly before being dispersed through the disposal field. The
 upgrades to the treatment system will fix this.
- The water being discharged from the plant is tested monthly, as well as the ground water and coastal waters nearby to check for any impact to the environment from the disposed water. The testing shows that there is no negative impact on the receiving environment or on seafood.
- The purpose for these upgrades is solely based on the discharged water results not being good enough. However, no evidence has suggested that the environment has been negatively affected to date.

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- HBRC have confirmed that the resource consent variation to provide for the upgrade
 has been processed on a non-notified basis and no consultation or engagement is
 required.
- 3. Expansion of the underground disposal field beside the treatment plant.
- The expansion of the disposal area (refer green highlight in picture) is allowed for and identified in the existing resource consent and will reduce the likelihood of any surface runoff or surface ponding in the area.
- The amount of treated water going into the ground of the disposal field (refer orange highlight in picture) is at times higher than the 50mm/day application rate that the resource consent allows for, and frequency of this occurring will increase due to ongoing development in the area.
- Opoutama has historically attracted and continues to attract a large population during the holiday period, meaning the wastewater flows to the plant have increased, therefore enlargement of the disposal area is required to ensure compliance.
- As more of the development at Blue Bay has been established, the volume of
 effluent discharged has begun to exceed the allowable limits and will continue to be
 breached more frequently in future. The need to expand the disposal field is clear.
- HBRC have also confirmed that there are also no conditions on either the land discharge or air discharge consents, therefore no additional engagement or consultation is required.

HOW is the work being done?

- One of the best parts about this work is that it is not funded with ratepayer's money

 these improvements are government funded from the Three Waters Stimulus

 Package that Wairoa was granted to improve our water infrastructure.
- Small cranes, excavators and concrete trucks will visit from time to time. Some shipping containers and equipment will be temporarily stored on site.
- There will be no impact or changes to the roadway access at any point during construction.
- There will be occasional noise from power tools.
- There may be evidence of some odour for a short period when the tank lids are removed.

WHEN is the work being done?

Work will be undertaken at varying times from June to November 2021.

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9 PUBLIC EXCLUDED ITEMS

RESOLUTION TO EXCLUDE THE PUBLIC

RECOMMENDATION

That the public be excluded from the following parts of the proceedings of this meeting.

The general subject matter of each matter to be considered while the public is excluded, the reason for passing this resolution in relation to each matter, and the specific grounds under section 48 of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

| General subject of each matter to be considered | Reason for passing this resolution in relation to each matter | Ground(s) under section 48 for the passing of this resolution |
|---|---|--|
| 9.1 - Community Assets and Services Department - Update | s7(2)(b)(ii) - the withholding of the information is necessary to protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information s7(2)(h) - the withholding of the information is necessary to enable Council to carry out, without prejudice or disadvantage, commercial activities | s48(1)(a)(i) - the public conduct of the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist under section 6 or section 7 |