



AGENDA

Hutt Valley Services Committee | Komiti Ratonga O Te Awa Kairangi

9.30 am Friday 2 May 2025

Upper Hutt City Council Chambers, 838 - 842 Fergusson Drive, Upper Hutt, 5018

Committee Membership

Upper Hutt City Council: Hutt City Council:

Cr B Griffiths (Chair) Cr T Stallinger (Co-Chair)

Mayor W Guppy Cr B Dyer

Cr C Carson Cr C Parkin
Cr H Newell Cr N Shaw

Deputy Mayor H Swales (alternate) Cr K Brown (alternate)

Have your say

Members of the public can speak to any issue, idea or matter that falls within the meeting's <u>terms of reference</u>. If you do wish to speak, it is preferable to let us know by midday of the day before the meeting. This can be done by either emailing askus@uhcc.govt.nz or by phoning 04 527 2169. All Council and principal standing committee meetings are livestreamed through our <u>YouTube channel</u>.

Hutt Valley Services (Joint) Committee | Te Kōmiti Ratonga o Te Awakairangi

This is a joint committee of the Upper Hutt City Council and Hutt City Councils.

Membership:

Each Council appoints four members and an alternate member who may act in the event that a regular member is absent. The Chair alternates annually between the two Councils, the change takes place after the final meeting of each year.

Upper Hutt City Council: Councillor Blair Griffiths (Co-Chair), Mayor Wayne Guppy, Councillor Chris Carson, Councillor Heather Newell and the alternate is Deputy Mayor Hellen Swales.

Hutt City Councill: Councillor Tony Stallinger (Co-Chair), Councillor Brady Dyer, Councillor Chris Parkin, Councillor Naomi Shaw and the alternate is Councillor Keri Brown.

Meeting cycle:

Hutt Valley Services Committee meets quarterly or as required.

Quorum:

Four members, two members of each Council.

Delegated authority:

Nil.

Purpose:

The Hutt Valley Services Committee is responsible for considering the coordination of activities of the two Councils in respect of matters affecting the Hutt Valley as a whole and waste disposal services in particular.

Hutt Valley Services Committee | Komiti Ratonga O Te Awa Kairangi

Public Business | 9.30 am Friday 2 May 2025 Upper Hutt City Council Chambers, Level 2, 838 – 842 Fergusson Drive, Upper Hutt.

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3.	Declarations of Interest	
	Elected members must declare any interests that may arise between their roles as members at private or other external interests they may have. If this happens, members should stand aside decision-making related to such interests.	•
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MINUTES

Record of a meeting of the HUTT VALLEY SERVICES COMMITTEE in Hutt City Council Chambers, 30 Laings Road, Lower Hutt 6009 on FRIDAY 7 MARCH 2025 at 9.30 am

	Upper Hutt City Council (UHCC)	Hutt City Council (HCC)
Present:	Cr J B Griffiths (Chair) Mayor W N Guppy Cr C B G Carson Cr H Newell	Cr T Stallinger (Co-Chair) Cr B Dyer Cr C Parkin Cr N Shaw
In attendance:	Lisa Kynaston, Principal Governance Advisor Fiona Murphy, Governance Advisor Brett Latimer, Parks & Reserves Manager Mike Ryan, Group Manager of Community Services Tim Harty, Group Manager Operations	Cr K Morgan Bruce Hodgins, Strategic Advisor (part meeting) Geoff Roberts, Waste and Resource Recovery Manager Vanessa Gilmour, Democracy Advisor
Also in Attendance:	Steve Hutchison, Chief Advisor Wastewater (part (part meeting), Jeremy McKibbin, Group Manager from Wellington Water Limited (WWL)	meeting), Blair Johnson, Head of Waste Contract , Network Management Group (part meeting)

Councillor Griffiths opened the meeting at 9.30 am. He noted that, as per the Hutt Valley Services Committee's Terms of Reference, "The Chair alternates annually between the two Councils; the change takes place after the final meeting of each year."

Councillor Griffiths thanked Councillor Stallinger for his support in 2024 and resumed the position as Chair and will remain until the end of this triennium.

1. Apologies

All members were present, Councillor Morgan (HCC) was also in attendance.

RESOLVED: Councillor Griffiths / Councillor Stallinger CARRIED: HVSC 250101

"That Councillor Morgan be granted speaking rights with no voting rights"

2. Declarations of Interest

There were no declarations of interest.

3. Public Forum

There were no members of the public wishing to speak.

4. Confirmation of the minutes

RESOLVED: Councillor Stallinger / Councillor Dyer CARRIED: HVSC 250102

"That the committee receives the minutes of the 22 November 2024 Hutt Valley Services Committee meeting and accepts the record as an accurate and true account of the meeting."

5. Wastewater Joint Venture Update 1 November 2024 to 31 January 2025.

In attendance for this item: Bruce Hodgins Strategic Advisor (HCC), Steve Hutchison Chief Advisor Wastewater, Blair Johnson Head of Waste Contract and Jeremy McKibbin Group Manager, Network Management Group (WWL).

The Head of Waste Contract provided an update since writing the report:

- The effluent quality parameters have returned within compliance limits except for the longer-run measure for the 80th percentile for faecal coliforms, which is expected to come into compliance near the end of the month.
- Odour issues have subsided since following the fire event in August 2024.
- There is concern over the condition, and the need for additional maintenance of the Milliscreen equipment to keep these functioning until the renewal program is complete.
- Two of the four primary sedimentation tanks have been mechanically refurbished. The remaining
 two mechanical parts are on site, and the third tank renewal should be completed in the next
 couple of weeks.
- Veolia have engaged with a project manager to focus on the replacement of the Seaview Wastewater Treatment Plant dryer.

In response to a member's question, the Head of Waste Contract advised that an investigation into using battery and solar as a backup power supply has not been explored because the size of the battery bank would be uneconomical, and the site would not be large enough for the number of solar panels required. The Head of Waste Contract answered questions from members about the budget for renewal projects, and the undetermined cause of the main outfall pump station fault.

The Chief Advisor for Wastewater answered members' questions about the strategic (project) objectives, confirming that options for consideration will be provided at the next Hutt Valley Services Committee meeting. In response to a member's question about the assessments on the outfall components between the Seaview plant and Burdan's gate, he confirmed that the focus of the works is on the valves to service the pipe; replacement of the pipe will be some years away.

In response to a member's question, the Strategic Advisor (HCC) explained that to satisfy the Greater Wellington Regional Council abatement notice issued for the Odour Control Renewal Project, a multi-stage approach is required. Stage 1 is complete, and Stage 2 requires the works to be completed by the beginning of December 2025. The timeline and work program will be understood better once the tenders are awarded, which is expected by April 2025. There will be an opportunity for the deadline to be reviewed if the timeframe cannot be met.

RESOLVED: Councillor Griffiths / Councillor Newell CARRIED: HVSC 250103

"That the Committee receives and notes the report titled Wastewater Joint Venture Update 1 November 2024 to 31 January 2025."

6. Update on Silverstream Landfill and Resource Recovery

In attendance for this item: Geoff Roberts Waste and Resource Recovery Manager (HCC)

In response to members' questions, the Waste and Resource Recovery Manager confirmed that the detection of increased odour outside the landfill site is a risk when further receiving sludge from the Seaview Wastewater Treatment Plant. He advised that 'air space' is not a significant consideration for sludge disposal. He noted that further fencing and signage are underway to keep the public safe and out of the landfill site, for those who may try and enter via the Kingsley Street track. He will check in on the current communications to make sure they are thorough enough.

Regarding the Hard Beech timber, he advised that it would be stored at Wainuiomata's closed landfill and

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CARRIED: HVSC 250106

would take a couple of years to fully season. Over time, it will be available for use by Upper Hutt City Council or Hutt City Council for the purpose of landscaping or building projects.

RESOLVED: Councillor Griffiths / Councillor Carson CARRIED: HVSC 250104

"That the Committee receives and notes the report titled Update on Silverstream Landfill and Resource Recovery."

7. Akatārawa Cemetery Update

In attendance for this item: Brett Latimer Open Spaces and Facilities Manager (UHCC)

The Open Spaces and Facilities Manager tabled an update to the report, appended as **Attachment 1**. He advised that the Hutt City Council met on 25 February 2025 to discuss issues of setting fees and maintaining investment in Akatarawa cemetery and establishing the cemetery in its own jurisdiction. It was resolved to continue with the current strategic direction and any issues would be dealt with as part of the 2027-2037 Long Term Plan. Upper Hutt City Council fees have been reviewed and will increase about 3 percent. The comparison of charges between both councils was not significant. The Open Spaces and Facilities Manager answered questions from members about the reinstatement of the Cemetery northern boundary fencing.

The Chair noted that exploring a development contribution levy could be helpful to the development of future cemeteries.

RESOLVED: Councillor Carson / Mayor Guppy CARRIED: HVSC 250105

"That the Committee receives the report titled Akatārawa Cemetery Update."

8. Hutt Valley Services Committee Forward Work Programme 2025

RESOLVED: Councillor Griffiths / Councillor Newell

"That the committee receives and notes the Hutt Valley Services Committee forward work programme 2025."

Included attachment:

Attachment 1: Tabled document - Update to report Item 7 - Akatarawa Cemetery Update

The Chair closed the meeting at 10.00 am

Councillor B Griffiths Chair

From: Brett Latimer
To: Governance

Subject: Distribute and table update at HVSC meeting - FW: Hutt City Councils Cemeteries Future Focus Resolution

Date: Tuesday, 4 March 2025 3:41:50 pm

Attachments:

Hutt City Councils Cemeteries Future Focus Resolution.pdf

Here is a response from HCC regarding the strategic direction on the location of cemeteries in the future.

From: Arthur Nelson < Arthur. Nelson@huttcity.govt.nz >

Sent: Monday, 3 March 2025 8:25 am

To: Brett Latimer <Brett.Latimer@uhcc.govt.nz>

Subject: Hutt City Councils Cemeteries Future Focus Resolution

Hi Brett,

Council met last week to consider the Upper Hutt Shared Services Request. Please find the attached resolution. In short, HCC will continue with its existing strategies those being (a) separate fee setting for cemetery services, and (b) maintain the investment in Akatawara Cemetery.

Both will be further considered as part of the upcoming LTP (27/28). Council will recommend for that LTP that HCC residents are consulted on whether Hutt City should look to establish a cemetery ibn its own jurisdiction.

However, it will depend on the Council of the day if they wish to institute that recommendation bearing in mind local elections occur in October of this year.

I hope this is sufficient for your report which I understand you will send me prior to the meeting.

Thanks,

Arthur Nelson

Head of Parks and Reserves

Hutt City Council, 30 Laings Road, Hutt Central, Lower Hutt 5010 P: M: 027 210 4010 W: www.huttcity.govt.nz



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For Action

MEMO TO: Nelson, Arthur - Head of Parks and Reserves

COPY TO:

DATE: 27 February 2025

MEETING: Communities, Culture and Partnerships Committee | Komiti Hapori

Ahurea me ngā Rangapū Meeting of 26/02/2025

Please note for your action / information the following decision arising from the meeting named above:

CCPC 25103 Hutt City Council's Cemeteries Future Focus CCPC2025/1/33

RECOMMENDED: (Cr Brown/Cr Briggs)

Minute No. CCPC 25103

"That the Committee recommends that Council:

- (1) receives and notes the information;
- (2) notes potential closer alignment of services with Upper Hutt, and provide guidance to officers which will be relayed to the Hutt Valley Services Committee; and
- (3) notes the information on Council's current strategic direction on the location of cemeteries; and
- (4) continues with the current strategic direction, and as part of deliberations the matter would be reconsidered as part of the 2027-37 Long Term Plan.

SPECIFIC ACTIONS REQUIRED:

HUTT VALLEY SERVICES COMMITTEE | 7 MARCH 2025 HUTT VALLEY SERVICES COMMITTEE | 2 MAY 2025



09 April 2025

Report no: HVSC2025/2/105

Wastewater Joint Venture Update 1 February – 31 March 2025

Purpose of Report

 The purpose of this report is to update the Committee on matters relating to the bulk wastewater system shared by the two cities.

Recommendation

The Committee notes the information in this report.

Background

2. The report provides information to the Committee on matters relating to wastewater assets which make up the joint venture.

Seaview WWTP Treatment Plant Operations

- 3. The Seaview Wastewater Treatment Plant (WWTP) is operated under the Regional Wastewater Treatment Plant Services Contract with Veolia. This is a 10-year contract.
- 4. The plant returned to full effluent quality compliance (biochemical oxygen demand, total suspended solids and faecal coliforms) as of 1 March 2025.
- 5. There was no discharge events recorded for this reporting period.
- 6. There were no non-compliance notices issued by Greater Wellington Regional Council (GWRC) for this reporting period.
- 7. GWRC undertook a compliance visit at Seaview WWTP on 10 March 2025. This visit provided a face-to-face opportunity to view various process units of the plant and to discuss compliance, the renewals programme and project work. The visit was attended by representatives from Veolia, Wellington Water Limited (WWL) and Hutt City Council (HCC). There were no notable issues highlighted during the visit.
- 8. The biological treatment process is operating normally for this reporting period.

9. The treatment plant has 10 milliscreens which remove large physical debris from the incoming raw wastewater. The treatment plant requires at least six milliscreens to handle peak wet weather flow. If there are fewer milliscreens available during a wet weather event, rags and other physical debris may be carried over, causing issues in the downstream process. Due to their poor condition, only four out of 10 were operational for this reporting period. An additional 2 milliscreens are expected to be refurbished by the second week of April, bringing the number of operational milliscreens to six. Reactive renewals are being undertaken while the permanent milliscreen replacement project is underway. An update on the milliscreen replacement project can be found in item 19.

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- 10. The reliability of the thermal dryer remains a major risk for the treatment plant. Veolia has nominated a contractor and a project manager to undertake the urgent component refurbishment, as identified by the previous condition assessment report. Some of the replacement parts are already on site (in particular, the crusher and shaker components), while other components are yet to be procured (including lift flights inside the dryer barrel). The schedule for the physical works is being developed. WWL has escalated this matter with Veolia's senior management team with a view to having the refurbishment works commenced as soon as possible. Planned works will be fully communicated to stakeholders once confirmed.
- 11. The fault in the main outfall pump station control system, which caused an unconsented discharge in December 2024, is still under investigation. Pressure transmitters were inspected and were assessed to be working properly. The next steps are for Veolia to scope further investigation on the control system and undertake an assessment of the air release valves along the pipeline to check whether there are any issues with them.
- 12. An external inspection of the Main Outfall past Burdan's Gate was undertaken in November 2024. A report has been provided which identified component renewals following the inspection. Scoping work is underway to undertake physical works that was highlighted to be a health and safety issue (i.e. installation of chamber covers, safety railings at drain valve) and other physical works that can be undertaken without affecting the operation of the treatment plant or will not cause any impact to the public (i.e. vent stacks replacement and painting works on the vortex chamber).
- 13. Further condition assessments on the outfall components located between the Seaview Plant and Burdan's Gate still need to be undertaken. This inspection will require greater planning due to traffic management requirements. The outfall management plan is currently being updated and the schedule for this condition assessment is being developed. In the meantime, the work outlined in item 12 above between Burdan's Gate and the outfall will be progressed.
- 14. A description of equipment and process risks by each area of the treatment plant is attached as **Attachment 1** to the report.

Odour Treatment Update

15. Odour remains a key issue for plant operations; however odour levels have improved as process improvements were achieved. WWL recorded 7 odour complaints in February 2025 and 18 odour complaints in March 2025. GWRC officers undertook odour assessments following some of the odour complaints. The treatment plant received two odour assessments deemed to be offensive and objectionable (O&O) on 25 and 29 March. None of the odour complaints received in February were assessed as offensive or objectionable by GWRC. The two O&O odour assessments noted were associated by the GWRC with spilled dried pellets outside the dryer building, due to a fault in the dryer conveyor. A graphical representation of the odour complaints received for the WWTP can be found in **Attachment 2** attached to the report.

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- 16. The final independent assessment report for potential health risks regarding the use of the odour deodorisers can be found here. The final report was forwarded to GWRC and Health New Zealand Te Whatu Ora to close out their initial information requests. The next step will be to update the plant's odour management plan and lodge a consent for the usage of the deodoriser. GWRC has permitted the treatment plant to use the deodorisers if deemed necessary, such as during maintenance activities with odour potential, while consent application is underway.
- 17. The hydrogen sulphide (H₂S) monitor workstream has progressed with monitor technology and potential monitor locations having been identified and shared in the March community newsletter and inviting feedback from the community on the proposed locations. The proposed locations are:
 - Seaview plant entrance (North).
 - Seaview plant Return activated sludge area (South).
 - Meachen Street South of the plant.
 - Pelorus Trust Sports House, Hutt Park Northeast of the plant.
 - Gracefield School Northeast of the plant.
- 18. The Odour Control Renewal Project Stage 2 tender period closed in mid-March. Stage 2 involves:
 - (1) installation of new odour treatment for the dryer building;
 - (2) installation of new odour treatment for the milliscreening building; and
 - (3) replacement of the ducting and fans for odour extraction from the milliscreens.

This was an invited tender process, with four contractors experienced in odour treatment invited to tender. Two tenders were received and the project team are on track to confirm the contractor appointment and the construction programme by the end of April 2025. The preferred tenderer has indicated in its draft programme that it will be able to meet the 1 December 2025 deadline for completion.

Other Treatment Plant Projects Update

19. As noted above the plant has ten milliscreens which remove large physical debris from wastewater and will undergo a replacement program. The current plan is to replace six out of ten milliscreens between FY24-27 with the remaining four to be replaced in FY27-29. Technical documents have been forwarded to an independent reviewer. Once the assurance has been obtained, procurement of milliscreens will be undertaken. It is expected that the new assets will be ordered before end of June 2025 and will be delivered and installed in FY25 to 27.

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- 20. Three out of four primary sedimentation tanks (PST) have been mechanically refurbished. The mechanical refurbishment of the third PST was completed mid-March 2025. Planning is underway to undertake the mechanical refurbishment of the fourth PST and this is targeted for completion by end of June 2025.
- 21. Seaview WWTP back-up power supply project: the objective of this project is to renew and upgrade the back-up generators on site to avoid unconsented discharges during a power supply disruption. The scope includes:
 - Providing backup power supply so that unconsented discharges to the Waiwhetu stream are minimised and the UV disinfection backup is installed by June 2026.
 - Replacing the existing generators that are approaching the end of their useful lives.
 - Bringing the existing switchboards up to current standards.

The procurement strategy is under preparation to expedite the project whilst clarifying the risks. The basis of design is also in progress.

- 22. Aeration system renewal project: The aeration system provides air to the biological treatment process. The scope of this project is to replace ageing equipment to avoid failure, install new valves and instrumentation to improve the control and efficiency of the system, and reduce odour and compliance risk. The procurement strategy was approved by the WWL Procurement Committee in March and the project team is proceeding on the basis of the strategy, which split the project into 4 phases, allowing early procurement of equipment and expediting project delivery.
- 23. Return Activated Sludge (RAS) system renewal project: the scope of this project is to replace ageing equipment to avoid failure, increase redundancy and improve the reliability of the RAS/ Waste Activated Sludge (WAS) system. The Basis of Design report is in progress, target for concept design is June/July 2025.
- 24. Clarifier Renewal project: the scope of this project is to replace ageing equipment to avoid failure, improve hydraulic performance and reduce compliance risk. The project team is coordinating with Veolia to drain down one of the clarifiers so a condition assessment and 3D scan can be done to inform planning and design.

- 25. The Seaview WWTP dryer replacement project is in progress and the team continue to explore ways to speed up the delivery to achieve completion by the end of 2027 (5-6 months ahead of the current programme). An expression of interest process has been completed for a design and build contractor and a request for tender is planned for issue in April. Key plant suppliers have been pre-qualified.
- 26. The Seaview WWTP UV renewal is a work package in a combined contract to replace the Moa Point, Western and Seaview WWTP UV systems. The Seaview UV replacement is expected to be completed by mid-2026.

Other Projects Update

27. A Capital Project Update can be found in **Attachment 3** attached to the report, which includes the update for the Petone Collecting Sewer Renewal, Totara Park Road – Bridge Pipework Seismic Strengthening project and other network projects.

Western Hutt Road Trunk Main Projects Update

28. Western Hills Main Sewer Renewal – Urgent Project Update: The project is tracking to programme and budget. The contractor started setting up on site in early April and construction in SH2 is planned to start after the evening traffic peak on Friday 11 April 25. The works will run 24/7 for two weeks. Significant traffic disruption on SH2 is expected despite every effort being made to minimise the impact of these critical works.

Consent Renewal Update

- 29. HCC holds two discharge consents that permit the temporary discharge of treated wastewater from the Seaview WWTP into the Waiwhetū Stream (during rainfall events and when the Main Outfall Pipeline is being repaired). Both consents have been operating under section 124 of the Resource Management Act (1991) (RMA) since 2018 when a replacement consent application was lodged with GWRC in 2017. GWRC have advised that reliance on section 124 is not desirable and is keen to see progress.
- 30. The 2017 application proposed to continue the intermittent discharge for a further 5 years while the construction of a storage tank to hold wastewater was completed. The application was put on hold by GWRC under questions of the storage tank capacity to manage population growth.
- 31. WWL has since concluded that this infrastructure solution proposed in 2017 is not suitable with changes in network flow forecasts and higher standards in the Natural Resource Plan and is working with mana whenua to revisit previous options and explore new ones.

32. A Rōpū has been established, comprised of representatives from Taranaki Whānui, Hikoikoi Management, Te Rūnanga o Toa Rangatira, HCC, Upper Hutt City Council and GWRC to collaborate on options to reduce or discontinue the intermittent discharge of treated wastewater to the Waiwhetū Stream. The group is discussing all options to achieve the outcome. The Rōpū has met monthly since January 2024.

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33. WWL has commenced work on a project to address the poor condition and insufficient capacity of the Seaview WWTP Main Outfall Pipeline. The capacity of the Main Outfall Pipeline is a key factor contributing to the volume and frequency of discharges to the Waiwhetū Stream. The strategic plan being developed as part of this project will support the consent renewal process and is discussed further below.

Seaview WWTP Main Outfall Pipeline Renewal and Strategic Plan

- 34. A project is currently in progress to confirm the preferred option for renewal of the Seaview WWTP Main Outfall Pipeline (MOP). The MOP, WWTP and upstream network are interconnected, with changes in one area affecting other parts of the system. A whole-of-system strategic plan for the Hutt Valley wastewater system is being developed as part of the MOP renewal work to ensure that any recommendations for replacement/refurbishment of the MOP are set in the appropriate context.
- 35. WWL is working with a project team that includes consultant panel members as well as independent specialist advisors. Key deliverables for the work include a strategic plan for the Hutt Valley wastewater system, as well as an investment case and pre-concept design for the recommended option for renewal of the MOP. Timing for the deliverables will be progressive over FY25/26 and FY26/27 to meet requirements for inputs to the 2027-37 investment process.
- 36. The project is maintaining ongoing engagement with the Seaview Ropū. The Ropū was established to support renewal of the consents to discharge treated wastewater to the Waiwhetū Stream and was expanded to include the MOP renewal and strategic plan work.
- 37. Through March 2025 the Rōpū and project team have been developing an unconstrained list of options related to the wastewater network, Seaview WWTP, MOP and other non-infrastructure solutions. The unconstrained options will be reviewed and discussed at the next Rōpū hui on 10 April 2025. A presentation will be prepared for the committee meeting.

Community Engagement and Consultation

- 38. A regular monthly newsletter update is being circulated (sent directly) to Seaview WWTP's interested parties list, which includes members of the community, mana whenua, councils and GWRC. This is receiving good engagement. Copies of the newsletters can also be accessed in Wellington Water's website (link
 - https://www.wellingtonwater.co.nz/projects/seaviewwwtp?tab=6)

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- 39. Proactive communications have been undertaken in the form of maintenance notifications, weekly process updates via social media, outages, newsletters, regular project updates and monthly dashboards.
- 40. The regular monthly meetings with GWRC consent officers have been maintained. These ensure that GWRC is kept updated on issues with the Seaview WWTP performance, issues and capital projects.
- 41. Plant performance dashboards including updates relating to the odour management project are posted on the WWL/Seaview WWTP website and updated monthly.
- 42. Public communications regarding plant discharges to the Waiwhetū Stream and Pencarrow outfall has been undertaken as per standard protocol.

Legal Considerations

43. There were no legal considerations for this reporting period.

Other Considerations

44. There are no other considerations currently.

Appendices

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Author: External Author (Wellington Water Ltd)

WW

Approved By: Bruce Hodgins

Strategic Advisor

Appendix A: Risk Description by Process Area

Legend:

Current Status Rating

Symbol	Indication
	No issue
	asset risk being handled by either reactive renewals, spares and/or asset redundancy.
	Major asset risk

Risk Rating (1) - Current asset risk rating

Risk Rating (2) – Residual risk rating after current LTP investment programme (end 2027 FY)

Process Area	Risk Rating (1)	Current State	Mitigating Measure	Risk Rating (2)
SCADA and Instrumentation			An Instrumentation renewal project is underway and currently in planning phase.	
Tradewaste Pumping Station		Performing as expected. No known issues.	Additional petro- chemical monitoring equipment will be installed. Equipment is on site and physical works schedule is being planned.	

				Risk Rating (2)
Process Area	Risk Rating (1)	Current State	Mitigating Measure	
Milliscreens		The milliscreens are rated poor, based on the last condition assessment. Only 4 of 10 screens are currently functional, five with mechanical issues and one which is completely unserviceable. The mechanical contractors were doing as much as possible to keep the minimum number of screens operating.	Milliscreen replacement project is underway and is currently in planning phase. Reactive renewal work and maintenance, including screen frames, is being undertaken until the replacement project is complete.	
Screening Handling System		The screening press is still operational but is recommended to have a new press body and a new set of screws due to leaking of wash and screenings through the press. The leaking stream is odourous, though within the building, but can cause odour complaints.	Components of the screening press is being replaced to manage the leak. A project is underway to scope the replacement of the asset.	
Primary Sedimentation		Actual Total Suspended Solids (TSS) removal rate is around 60% when all are operating. Currently, all 4 Primary Sedimentation Tanks (PST's) are operational but suffering mechanical issues due to age. The primary sludge pumps are obsolete, and performance have deteriorated.	Three out of four PSTs have been refurbished. The mechanical components for the fourth tank have been procured and are on site. A project is underway to replace the obsolete sludge pumps with a pump selection report already completed.	
Grit Removal System		Has been brought back into service in March however parts need replacement.	An assessment of the existing asset was undertaken and recommended some maintenance requirements to	

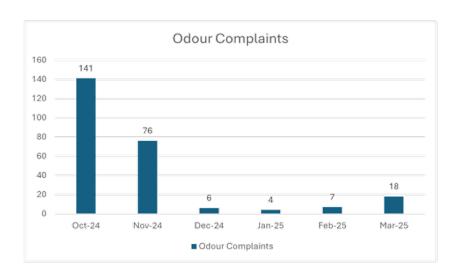
Process Area	Risk Rating (1)	Current State	Mitigating Measure	Risk Rating (2)
			allow the current system to be recommissioned. The existing system was operated and found that some parts need to be replaced. These parts will be ordered and replaced by Veolia.	
Contact Stabilisation (Aeration)		The site has a poor Dissolved Oxygen (DO) control and cannot maintain the optimum DO levels for the process. Poor DO control causes the growth of filamentous bacteria causing poor settling sludge. The 3 blowers are unreliable due to age and operations. Ceramic air diffusers are also past their useful life which reduces blower efficiency.	Air leak in the diffuser grid of CST#4 has been resolved. All three blowers are operational. Two out of three blowers have been refurbished. A project is underway to replace the diffusers and blowers for the treatment plant.	
Secondary Clarification		The Return Activated Sludge (RAS) pumps are obsolete and in poor condition. 3 out of 4 pumps are operational. Clarifiers 1 and 2 share a single RAS pump. The waste activated sludge (WAS) pump is functional but is past its useful life. Condition of the mechanical parts yet to be determined but it is still functional.	Two new RAS pump have been installed and the second one is being planned for commissioning by April 2025. A long-term project is underway to replace the RAS and WAS Pump Stations.	

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Process Area	ess Area Risk Rating (1) Current State Mitigating Measure		Risk Rating (2)	
UV Disinfection		The UV disinfection system is in poor condition and causing consent non-compliance due to poor disinfection performance. Further investigation underway.	A major component refurbishment is complete. There are other components that still need to be replaced or modified such as the wiper system. A long-term project is underway to replace the unit.	
Storm Tank		Filling of storm tank and the discharge to stream almost occurs simultaneously during wet weather events. The Storm tank is initially filled by gravity and cannot store the excess flow that cannot go to the Pencarrow outfall. Some of the mechanical parts are obsolete and requires replacement.		
Effluent Pump Station		Two out of three pumps are operational with only one pump connected to the generator.	Motor replacement is still in progress.	
Primary Sludge Thickening		No known issues. Operating satisfactorily.		
Secondary Sludge Thickening (DAF)		The system has been overloaded due to the extended dryer outage and not performing as expected.	DAF Process has stabilised.	
Sludge Blend Tank Storage		No known issues. Operating satisfactorily.		
Sludge Dewatering		Sludge dewatering is not operating at optimum conditions. The centrifuge units are approaching their	A project is underway to replace the obsolete control panels and refurbish the centrifuges. The	

				Risk Rating (2)
Process Area	Risk Rating (1)	Current State	Mitigating Measure	
		end of useful life. The control panels are obsolete and requires replacement.	control panel replacement is forecast to be completed by end of June 2025.	
Dryer		The dryer is in poor condition and requires replacement.	Component renewals are being undertaken while the long-term project is underway.	
Odour Control		The odour control system is in poor condition and requires refurbishment and renewal of the biofilter. The current performance of the odour control system is unsatisfactory causing consent noncompliance and generating complaints from the public.	Odour Control System Renewal is in progress with the works on the biofilter now complete. Deodorisers will be used only during maintenance activity or process upset which may cause odour.	
Backup Power Supply		The generators are past their useful life but are still operational. UV disinfection system is not connected to the backup power supply which results in unconsented discharges.	Backup Power Supply Project is in progress.	
Outfall		The outfall capacity is currently around 1,200+ L/s versus the consent required capacity of 1,520 L/s at 27m head.	Result of the initial condition assessment has been provided. NMG to plan the delivery of "like for like" renewal recommended in the report. Further Condition assessment still needs to be undertaken.	





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AGENDA | ITEM 5 ATTACHMENT 3



HCC UHCC Joint Venture WWL Capital Delivery Dashboard

April 2025

Project detail

							Financial Year 24/25					
Project	Purpose	Summary	Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000	
Seaview WWTP Odour Ctrl Upgrade	To renew and upgrade the odour treatment equipment at the Seaview WWTP to achieve odour compliance over the expected 20-year life of the new equipment and provide a safe working environment for operators.	April 2025. The monthly newletter continues to be produced and circulated around the Lower Hutt area. Programme risk of not meeting abatement notice completion requirement, one tenderer provided a programme that complies with the abatement notice	Stage 2 RFT issued 31 January, closed 12 March - this was extended by 1 week following a request by the tenderers. FY underspend forecasted, this is being reviewed in line with the tenders received and formal change requests will be submitted one contract negotiations are complete.	2105	3162	4042	3518	524	14589	2841	13521	
		deadline (1 December 2025), however, the programme includes minimal float and there remains a risk of missing the completion.	HCC 69.64% split	1466	2202	2815	2450	365	10160	1978	9416	
		and dielectemants a risk of missing the completion.	UHCC 30.36% split	639	960	1227	1068	159	4429	863	4105	
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3	
	Jul-23	Jun-27	49%									

				Financial Year 24/25					Project Life Financials			
Project	Purpose	Summary	Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000	
	the existing ageing Seaview WWTP thermal sludge dryer to support the growth in the Seaview WWTP catchment and aligns with HCC and WWL carbon emission reduction goals.		Budget review completed. Peer review report expected 11 April 25.	996	1387	1385	1667	-282	90893	2100	92014	
		Target in-use date for new dryer remains end of December 2027 (6 months ahead	HCC 69.64% split	693	966	965	1161	-196	63298	1462	64079	
	of original programme).		UHCC 30.36% split	302	421	420	506	-86	27595	638	27935	
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3	
	Jul-23			Q4								

KEY: Pre-construction phases Construction phase (includes as-builts, excludes defects)

Note: The budget under project life financials includes actuals and has been calculated as below.

• Total Budget (includes Corporate Cost): Actuals till end of FY 23/24 plus LTP budget (10 years - FY33/34)

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

23 AGENDA | ITEM 5 ATTACHMENT 3



HCC UHCC Joint Venture WWL Capital Delivery Dashboard

April 2025

Project detail

					Financia	al Year 24/25			Pro	ject Life Finan	cials
Project	t Purpose	Summary	Summary Financial Commentary YT		YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000
Seaview WWTP UV Renewal:		Seaview WWTP UV system renewal is being 'bundled' with Moa Pt and Western WWTP UV renewals for cost and delivery efficiency. Contract awarded at the end to of Oct 2024. The new Seaview UV equipment is a long-lead item, 10 months for design, manufacture and delivery (from Canada), then 5 months installation (1 rchannel at a time) which will be coordinated with other works at the WWTP. Seaview UV renewal is expected to be completed by mid 2026. Risk: The WWTP discharge has recently been non-compliant and a number of infringements were issued. GWRC would like to see this project is completed as	to confirm a temporary UV unit (due in Feb) to allow full UV disinfection to continue during UV equipment	204	802	1,053	881	172	7500	291	7500
		soon as practicably reasonable.	HCC 69.64% split	142	559	733	614	120	5223	203	5223
			UHCC 30.36% split	62	243	320	267	52	2277	88	2277
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3
	Oct-22	Apr-27	57%								

				Financial Year 24/25						Project Life Financials			
Project	Purpose	Summary	Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000		
Seaview WWTP	the benefits of this project are to replace aging equipment to avoid failure, increase redundancy and improve the reliability of the RAS/WAS (Return & Waste Activated Sludge) system		Funding change request in Stage 2 Annual Plan TBC by HCC. Level 1 estimate is ca. \$4M higher than total LTP funding provided, threatening the feasibility of the project	231	199	607	342	265	6530	374	5943		
RAS System Upgrade			HCC 69.64% split	161	139	423	238	185	4547	260	4139		
Opgrade			UHCC 30.36% split	70	60	184	104	80	1983	114	1804		
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3		
	2024	Oct-29	45%										

					Financia	l Year 24/25			Project Life Financials			
Project	Purpose	Summary	Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000	
Seaview WWTP Aeration Renewal	equipment to avoid failure, install new valves and instrumentation to improve the control and efficiency proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy, which split the project into 4 proceeding on the basis of the strategy.	The procurement strategy was approved by the PDMC in March, so the team is proceeding on the basis of the strategy, which split the project into 4 phases to expedite incremental improvements, instead of the traditional approach of waiting until design is complete. Target for concept design is and of June 2025	Funding change request in Stage 2 Annual Plan to bring project forward TBC by HCC. LTP funding amount is sufficient however is spread over 5 years (not incl. 24/25), which is inefficient and won't deliver as quickly as required	275	211	607	668	-62	13,179	322	14,117	
Acration (circwar			HCC 69.64% split	191	147	423	465	-43	9178	224	9831	
			UHCC 30.36% split	83	64	184	203	-19	4001	98	4286	
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3	
	2024	Aug-29	34%									

KEY: Pre-construction phases Construction phase (includes as-builts, excludes defects)

Note: The budget under project life financials includes actuals and has been calculated as below.

• Total Budget (includes Corporate Cost): Actuals till end of FY 23/24 plus LTP budget (10 years - FY33/34)

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

24 AGENDA | ITEM 5 ATTACHMENT 3



HCC UHCC Joint VentureWWL Capital Delivery Dashboard

April 2025

Project detail

		Summary		Financial Year 24/25						Project Life Financials			
Project	Purpose		Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000		
	The benefits of this project are to replace aging equipment to avoid failure, improve hydraulic	The team is coordinating with Veolia to drain down one of the clarifiers so a condition assessment and 3D scan can be done to inform planning and design	Funding change request in Stage 2 Annual Plan TBC by HCC	21	-	-	65	-65	7,325	69	6,973		
Seaview WWTP	performance and reduce compliance risk	e and reduce compliance risk	HCC 69.64% split	15	0	0	45	-45	5101	48	4856		
Clarifier Renewal			UHCC 30.36% split	7	0	0	20	-20	2224	21	2117		
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3		
	2024	Dec-31	28%										

		Summary			Financia	al Year 24/25			Project Life Financials			
Project	Purpose		Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000	
Seaview WWTP Backup Power	The benefit of this project is to renew and upgrade the back-up generators on site to avoid unconsented discharges to the Waiwhetu Stream and undisinfected treated effluent discharges to the environment during a	clarifying the risks. The basis of design is also in progress.	Funding change request in Stage 2 Annual Plan TBC by HCC. Level 1 estimate is ca. \$4M higher than total LTP funding provided, threatening the feasibility of the project	324	105	347	423	-76	6,712	378	6,580	
Supply:	power cut		HCC 69.64% split	225	73	242	295	-53	4674	263	4582	
			UHCC 30.36% split	98	32	105	128	-23	2038	115	1998	
	Start Date	End Date	% Complete	FY23/24	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3	
	(From PMP)	(Project Closeout date- includes defects)	(Overall)	Q4			1 1		1 1	1 1		
	2024	Aug-28	47%									

		Summary			Financia	al Year 24/25			Project Life Financials		
Project	Purpose		Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget (Stage 1&2) \$000	Actuals \$000	Forecast (Stage 1) \$000
Petone Collecting	resilience and design a pipeline with a life expectancy of 100 years	Stage 1 –Tender evaluation for investigation and ECI work complete, working through the approval process before entering into contract negotiations with the preferred tenderer Stage 2 – Esplanade East to Seaview Round-a-bout: Investigations are complete and the condition assessment report has been issued to Wellington Water. This is being reviewed and will be endorsed by our	Project will underspend this FY. Information regaridng this has been included intel Stage 3 LTP advice. Contract Award for Stage 1 ECI and Investigations is expected in April or May 2025.	662	704	824	968	-144	83,949	2,952	40,265
Sewer – Stage 1		technical Three Waters Decision Making Committee before recommendations are made to the councils.	HCC 66.28% split	439	467	546	642	-95	55641	1957	26688
		are made to the councits.	UHCC 33.72% split	223	237	278	326	-49	28308	995	13577
	Start Date	End Date	% Complete	FY23/24	FY 24/25 O1	FY 24/25 O2	FY 24/25 O3	FY 24/25 O4	FY 25/26 O1	FY 25/26 O2	FY 25/26 Q3
	(From PMP)	(Project Closeout date- includes defects)	(Overall)	Q4	1,25 42	, 25 0,2		, 25 Q1			
	Oct-20	Feb-30	51%								

KEY: Pre-construction phases Construction phase (includes as-builts, excludes defects)

Note: The budget under project life financials includes actuals and has been calculated as below.

• Total Budget (includes Corporate Cost): Actuals till end of FY 23/24 plus LTP budget (10 years - FY33/34)

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

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AGENDA | ITEM 5 ATTACHMENT 3



HCC UHCC Joint Venture WWL Capital Delivery Dashboard

April 2025

Project detail

				Financial Year 24/25						Project Life Financials		
Project	Purpose	Summary	Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000	
Totara Park Road – Bridge Pipework Seismic	To reduce the risk of water supply disruption from a seismic event to the Totara Park community.	bridge, there was efficiencies found in renewing 255m of the wastewater pipe in a	Recommendation to defer delivery is being drafted in a memo to council for approval. Forecast this FY is based on beginning construction in March 2025.	175	2302	4101	177	3925	8222	1683	6871	
Strengthening			HCC 66.28% split	116	1526	2718	117	2601	5450	1115	4554	
(WW portion)		the project.	UHCC 33.72% split	59	776	1383	60	1324	2772	568	2317	
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 Q1	FY 25/26 Q2	FY 25/26 Q3	
	Nov-21	Feb-33	18%									

					Financia	l Year 24/25			P	Project Life Financials		
Project	Purpose	Summary	Financial Commentary	YTD Actual \$000	YTD Planned Baseline \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000	Budget \$000	Actuals \$000	Forecast \$000	
Western Hills Sewer Main (Urgent Works)	Maintain reliable wastewater services to Lower Hutt and Upper Hutt to avoid the discharge of wastewater to the surrounding environment by ensuring that the critical wastewater pipeline does not fail or collapse	The physical works contract was awarded in December and the liner ordered in time to meet the agreed construction window during the Easter school holidays period. The project team are currently working through the traffic management concept with HCC and the Wellington Transport Alliance. Significant traffic disruption on SH2 is expected despite every effort being made to minimise the impact of these critical works	The project is tracking to programme and budget.	461		5200	4911	307	5200	461	4911	
(orgent works)			HCC 66.28% split	306	-	3447	3255	203	3447	306	3255	
			UHCC 33.72% split	155	-	1753	1656	104	1753	155	1656	
	Start Date (From PMP)	End Date (Project Closeout date- includes defects)	% Complete (Overall)	FY23/24 Q4	FY 24/25 Q1	FY 24/25 Q2	FY 24/25 Q3	FY 24/25 Q4	FY 25/26 C	FY 25/26 Q2	FY 25/26 Q3	
	May-24	May-27	69%									

KEY: Pre-construction phases Construction phase (includes as-builts, excludes defects)

Note: The budget under project life financials includes actuals and has been calculated as below.

• Total Budget (includes Corporate Cost): Actuals till end of FY 23/24 plus LTP budget (10 years - FY33/34)

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

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HCC UHCC Joint VentureWWL Capital Delivery Dashboard

April 2025

AGENDA | ITEM 5 ATTACHMENT 3

Other JV Projects

		F	inancial Year		
Project Name	Commentary	YTD Actual \$000	FY Approved Budget \$000	FY Forecast \$000	FY Variance \$000
Marine Dr Days Bay JVWW React Rnwl		1769	2000	1784	216
Taita Rock WW Pipe Protection		1	0	1	-1
WWJV Major PS Planned (HUVA)		214	0	217	-217
WWJV Pipe Network Reactive Rnwls		0	119	97	22
WWJV Network Overflow Consent		35	0	35	-35
WWJV Major PS Reactive(HUVA)		4	734	612	122
Western Hutt Trunk WW Renewal		6	0	6	-6
Silverstream Tanks PLC		56	0	43	-43
	Total	2085	2853	2795	58
	HCC 66.28% split	1382	1891	1853	38
	UHCC 33.72% split	703	962	942	20

Note: The budget under project life financials includes actuals and has been calculated as below.

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

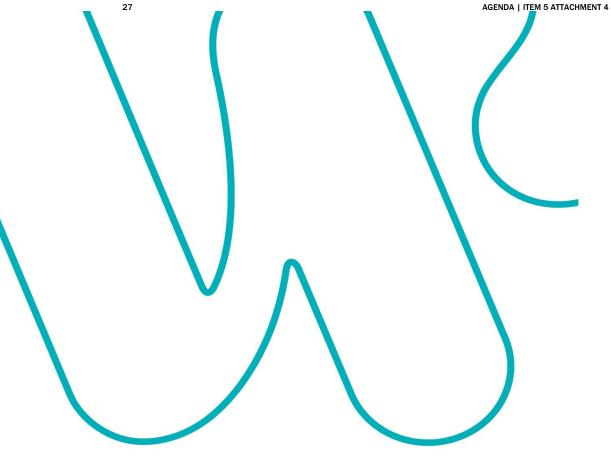
Total Budget (includes Corporate Cost): Actuals till end of FY 23/24 plus LTP budget (10 years - FY33/34)



Hutt Valley Services Committee 2 May 2025



UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025



- Seaview bypass into Waiwhetu is a significant compliance risk
- The Seaview outfall pipe is a failing asset with an estimated replacement cost of \$800m and discharge consent expiring in 2031

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- Objective is to complete system-level strategic planning and an investment case for the replacement of the Seaview outfall pipe
- Seaview Ropū is a stakeholder steering group constituted at the direction of GWRC for the Seaview bypass consent, with scope expanded to consider a system-wide approach



Our water, our future.

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

Hutt wastewater system

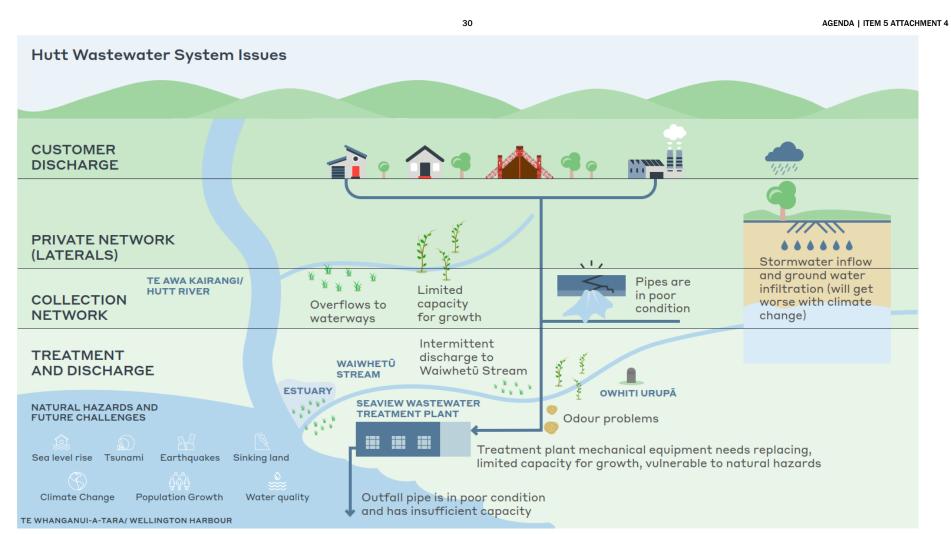


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Our water, our future.

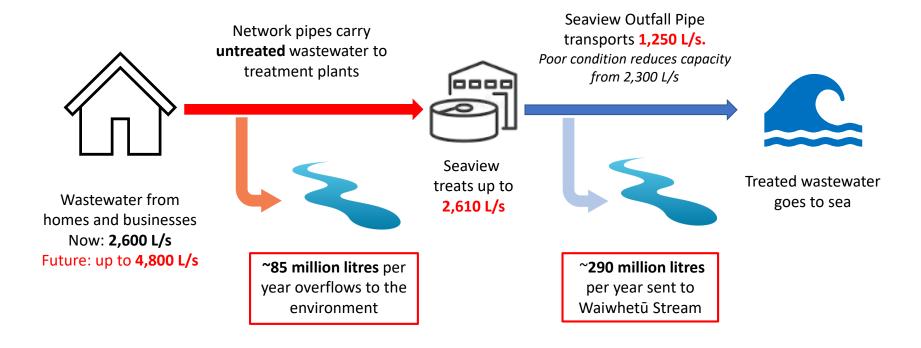
UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025



UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

AGENDA | ITEM 5 ATTACHMENT 4

Need is increasing along the system





Our water, our future.

Project: Hutt Valley Wastewater Strategy and Seaview Outfall Pipe Renewal

Workstream 1 Hutt Valley Wastewater Strategic Plan

- Options assessment for long term (100-year view)
- Identify pathways to achieve long term outcomes
- Can change pathways as circumstances change
- Strategic Plan (draft by Mar 2026)

Workstream 2 Seaview Outfall Pipe Renewal

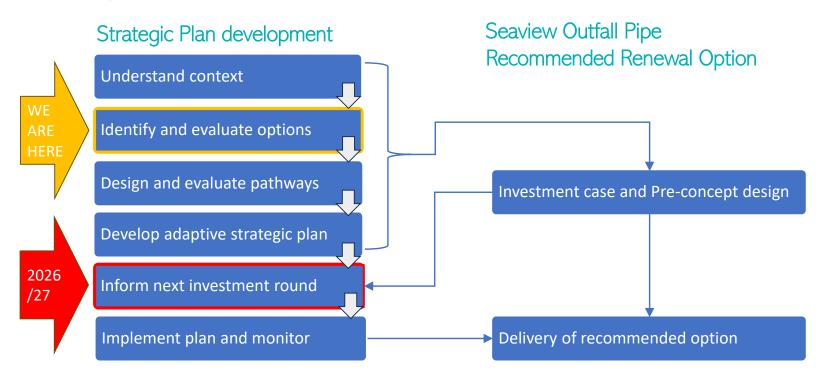
- Options assessment for renewing or replacing the outfall pipe
- Informed by Strategic Plan
- Investment case for recommended option (June 2026)
- Pre-concept design for recommended option (June 2027)



Our water, our future.

AGENDA I ITEM 5 ATTACHMENT 4

Strategic plan to support Seaview outfall pipe renewal





Our water, our future.

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

AGENDA I ITEM 5 ATTACHMENT 4

Working with the Seaview Ropū to understand context

Outcome statement

A resilient and sustainable wastewater system that enhances environmental, cultural, and community wellbeing, while meeting the needs and expectations of both the community and iwi











Te Kaunihera o
Te Awa Kairangi ki Uta
Upper Hutt City Council
TE AWA KAIRANGI

AGENDA I ITEM 5 ATTACHMENT 4

Problem statements

- Some wastewater assets do not meet service objectives
- Insufficient strategic planning and future uncertainty impacts informed long term decision-making
- Critical assets are vulnerable to climate change and natural hazards
- Financial constraints limit sustainable wastewater services
- Future growth is constrained











Te Kaunihera o
Te Awa Kairangi ki Uta
Upper Hutt City Council
Te Awa Kairangi ki Uta
Te Awa Kairangi ki Uta
Te Awa Kairangi ki Uta

UPPER HUTT CITY COUNCIL | HUTT VALLEY SERVICES COMMITTEE 2 MAY 2025

Working with the Seaview Ropū to understand context

Investment objectives

Environmental:

Protect and improve the receiving environment **Economic:**

Deliver long-term value for money for the life cycle of wastewater assets

Resilience:

Support growth, address impacts of climate change, natural hazards and other disruptions

Social:

A trusted. reliable service that protects public health, supports community and economic wellbeing

Cultural:

Uphold Te Mana o te Wai and mana whenua values











Te Kaunihera o
Te Awa Kairangi ki Uta
Upper Hutt City Council
TE AWA KAIRANGI

AGENDA I ITEM 5 ATTACHMENT 4

Working with the Seaview Ropū: Options Assessment

1. Unconstrained list of all possible options

Screened using 'fatal flaws'

2. Long list of options

Scored against objectives and evaluation criteria

3. Short list of options

Refine scoring, considering the Dynamic Adaptive Pathway Planning (DAPP) process

4. Inform the Strategy

DAPP process/ stress











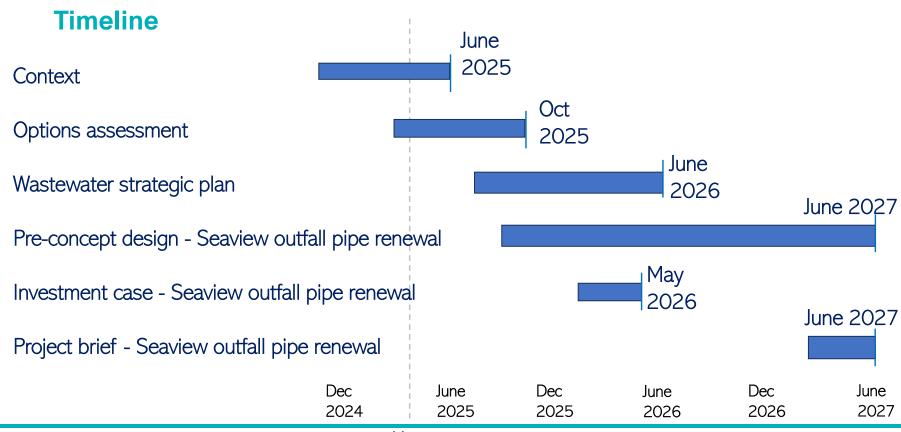




- Hutt Valley Services Committee Agenda



AGENDA | ITEM 5 ATTACHMENT 4





May 2025

Our water, our future.

Summary of key points



Significant scale of wastewater issues that are complex and interrelated:

This requires a whole-of-system approach and a 100-year view.

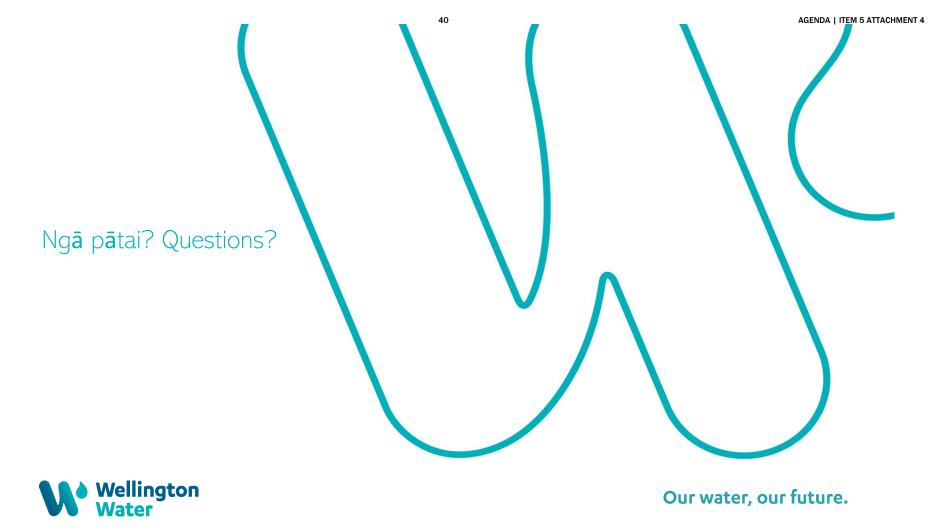


Alignment with investment process:

Project has been set up to assess the options and deliver recommendations for the next investment round.



Our water, our future.



AGENDA | ITEM 6



03 April 2025

File: ()

Report no:

Update on Silverstream Landfill and resource recovery

 The purpose of the report is to update the Committee on the development, operation and performance of Silverstream Landfill, and initiatives associated with the co-located transfer station and Zero Waste Hub.

Recommendation

That the Committee receives and notes the report.

Background

- 2. Officers provide regular reports to this Committee regarding the development, operation, and performance of Silverstream Landfill (the landfill) and the co-located transfer station.
- 3. The operation of the landfill is required to meet obligations under the Resource Management Act, the Hutt Valley Trade Waste Bylaw, the Climate Change Response Act and related legislation, the Waste Minimisation Act and relevant Hutt City Council (HCC) and Upper Hutt City Council (UHCC) waste minimisation and climate change objectives.
- 4. Note that HCC officers report on a wider range of solid waste and waste minimisation initiatives via HCC's Climate Change and Sustainability Committee. For the latest report see agenda item 8 of the Climate Change and Sustainability Committee Agenda 29 April 2025 on Hutt City Council's website.

HUTT VALLEY SERVICES COMMITTEE | 2 MAY 2025

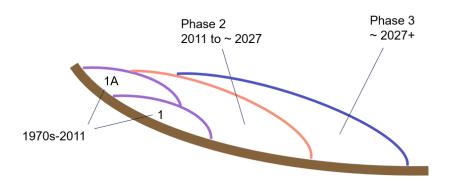
AGENDA | ITEM 6

Silverstream Landfill

Development and construction

5. The Silverstream Landfill accepts a range of mixed waste for disposal. While three landfills in the Wellington region accept municipal waste, Silverstream is the only lined Class A landfill, which means it must meet various strict regulatory, siting, design and operational requirements.

- 6. The landfill requires ongoing capital investment to create 'airspace' that can be used for the disposal of residual waste. Capital investment is staged to develop disposal capacity as required, with timing periodically re-evaluated considering forward projections for the quantity of material accepted for disposal.
- 7. Current development work remains focused on implementing enabling works for Phase 3 of the landfill, whereby airspace will be created in the lower part of the existing gully below Phase 2. Filling of Phase 3 will begin in 2027 from the new toe bund at the base of the gully and move up to meet Phase 2. The landfill's construction phases are shown below.



- 8. Within the current Phase 2, filling is currently taking place on Slope 11. Construction of an additional Slope 12 within Phase 2 is under way.
- 9. Phase 3 works continue with stormwater diversion and management being a top priority. Works are behind schedule due to contractor delays and Council is working on bringing additional contractor resource to site to completed scheduled works. The risk of delayed airspace availability is being mitigated by reducing waste volumes and prioritisation of short-term airspace creation in the existing Phase 2 footprint.

Capital Works and Consulting Engineering Contracts

 Hutt City Council has identified the preferred suppliers for both the Capital Works Contract and Consulting Engineering Contract for the Landfill. Contract negotiations are complete, and new contracts will be in place for commencement on 1 July 2025.

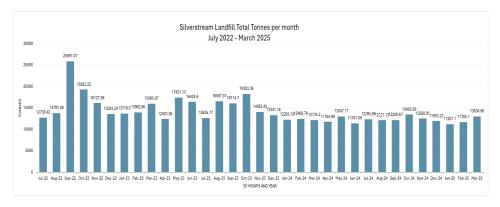
HUTT VALLEY SERVICES COMMITTEE | 2 MAY 2025

Remediation works and biosolids trial

- 11. Preparatory works to enable revegetation of abandoned borrow areas (parts of the landfill site quarried for fill) have been completed and planting will commence in the coming winter months.
- 12. A recent trial at the landfill involving planting into soil mixed with dried biosolids proved successful, with the highest application of biosolids correlating with the greatest plant growth. As a result, Council is now applying for consent to apply dried biosolids to the borrow areas prior to planting.

Waste volumes

- 13. Waste volumes remain relatively low compared to the previous year (notwithstanding a slight bump in March). This is likely because of low economic activity and more specifically, development and construction work.
- 14. We are currently accepting applications for disposal of contaminated soil but only small quantities have been received. The below figure shows volumes (excluding green waste) since July 2022.



Sludge

- 15. The landfill normally only receives dried sludge (biosolids) from the wastewater treatment plant. Wet sludge is operationally challenging, and in light of required repairs of the drier at the wastewater treatment plan, HCC has developed a plan with Wellington Water to receive wet sludge while repairs are made.
- 16. Note that WWL is also undertaking a project to replace the drier as soon as possible, as it is nearing the end of its life. This will involve replacing the current drier powered with fossil gas with a drier powered only by electricity, with associated emission reductions.

Potential soil and aggregate recovery facility

17. Hutt City Council and Fulton Hogan are in discussions to develop a soil and aggregate recovery facility that would be located at Silverstream Landfill.

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- 18. This facility would reduce the volume of soil and rock that is disposed of to landfill by recovering usable construction products from the waste.
- 19. Hutt City Council is anticipating a proposal from Fulton Hogan to consider in the coming weeks.

Fees from 1 July 2025

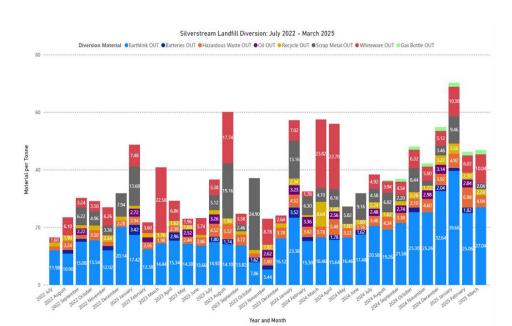
20. HCC is currently consulting on its <u>draft Annual Plan for 2025/26</u>, and this includes changes to the Landfill's fees for disposal, as follows:

Service	2024-2025 Minimum charge	2024-2025 Cost per tonne	2025-2026 Minimum charge	2025-2026 Cost per tonne
All light vehicles (cars, vans, utilities, including those with trailers)	\$25.00	\$260.00	\$25	\$288
All other vehicles	\$120.00	\$260.00	\$120	\$288

Service	2024-2025 Minimum charge	2024-2025 Cost per tonne	2025-2026 Minimum charge	2025-2026 Cost per tonne
All vehicles	\$15.00	\$126.50	\$15	\$130
Special and hazardous waste charges				
Service	2024-2025 Minimum charge	2024-2025 Cost per tonne	2025-2026 Minimum charge	2025-2026 Cost per tonne
Household hazardous waste (household quantities only, normal charges otherwise apply)	Free	Free	Free	Free
Tyres (cost applies to any disposal involving more than four tyres)	\$1,000	\$2,000	1,030	\$2,060
Polystyrene (prior approval required)	\$2,500	\$5,000	\$2,575	\$5,150
Special waste - general (prior approval required)	\$170	\$346	\$189	\$378
Special waste – contaminated soil (prior approval required; price on application for larger volumes)	\$250	\$500	\$255	\$510
Asbestos (prior approval required; price on application for larger volumes)	\$188	\$366	\$199	\$398

Resource recovery

21. The changed operating model at the Zero Waste Hub at the transfer station continues to result in good diversion and resource recovery, as shown below:



Health and safety

22. An off-duty Earthlink employee was assaulted at the transfer station by a customer. The matter was referred to the police and the customer has been trespassed from the landfill.

Environmental performance

- 23. A summary of environmental performance for January to March 2025 is shown in Appendix 1 attached to the report.
- 24. The summary references management trigger levels being exceeded, which require investigation or mitigation measures to be undertaken as part of an adaptive management approach.
- 25. Two odour complaints were received in March 2025. However, preliminary investigations suggest the odour detected was unlikely to be caused by the landfill.
- 26. Sediment control remains a major issue due to the amount of construction work underway and the resulting ground disturbance. Work to redesign the sediment retention pond at the base of the landfill is underway and will involve replacing a bund with a non-permeable version and improved access to the dam to facilitate regular desilting. A number of new sediment retention ponds will also be constructed upstream to intercept runoff and settle out silt prior to arrival at the main pond.

Climate Change Impacts and Considerations

27. To help achieve a reduction in operational emissions of 50% or more by 2030, HCC continues work on establishing a Heavy EV Charging Hub at the landfill. Civil and electricity supply works are now largely complete, and we are expecting the delivery and installation of the charging infrastructure in May.

HUTT VALLEY SERVICES COMMITTEE | 2 MAY 2025

AGENDA | ITEM 6

28. Regarding emissions from the landfill itself (methane), a powerplant and supplementary flare operated by LMS are in place to destroy methane and emissions as much as possible.

Consultation

29. Not applicable.

Legal Considerations

30. There are no legal considerations currently.

Financial Considerations

31. There are no financial considerations currently.

Attachment

No.	Title	Page
1	Silverstream Landfill Quarterly Dashboard Jan - Mar 2025	47

Author: Geoff Roberts

Waste and Resource Recovery Manager

Reviewed By: Jörn Scherzer

Head of Climate, Waste and Resource Recovery

Approved By: Alison Geddes

Director Environment and Sustainability

AGENDA | ITEM 6 ATTACHMENT 1

Waste

Total waste previous quarter: 38,765 tonnes

Total waste this quarter: 35,806 tonnes

Month	Sludge	Special	Total commercial*	Total residential	Total Waste
October	353	1,931	8,040	3,405	13,730
November	221	1,284	7,966	3,364	12,835
December	444	921	7,273	3,563	12,200
January	361	589	8,157	3,811	12,919
February	372	471	7,174	3,293	11,310
March	421	873	6,960	3,324	11,578

*General waste is included in the commercial waste total. Numbers may not match due to waste coming in and out of the landfill in different months.

Monitoring effort during the quarter

Number of samples taken, or surveys and assessments completed



Leachate measurements - 2 (Flow monitored 24/7)

Refer to individual sections for detailed information on any exceedances.

Leachate

Leachate quality results:

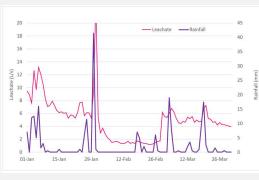
There were no exceedances of leachate trade waste conditions.

Leachate flow volume (m3) to Seaview Wastewater treatment plant:

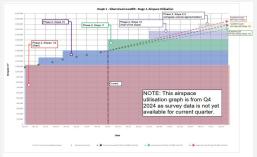
January	February	March
21773	4945	13659

Daily leachate flow and rainfall

Total rainfall = 205.5 mm



Air space utilisation



See page 2 for full size graph

Water

Groundwater monitoring locations



Groundwater analysis

No exceedances were recorded for any ground water quality parameters in the quarter.

The second second



Surface water analysis

Samples are collected and analysed monthly for a suite of contaminants outlined in the discharge to surface water consent. No consented exceedances were recorded for any surface water quality parameters in the quarter.

Visual surface water assessments are also carrried out monthly and several exceedances were noted in the quarter. See Tip stream visual assessment data for more information.

Tip stream (downstream of the landfill, SW4) visual assessment

SW4 Observation	January	February	March
Water Clarity	Clear	Cloudy	SI cloudy
Foam	No	No	No
Odour	No	No	No
Algae	Slight	No	No
Flow	Low-Moderate	Low	Low

Controlling silt in tip stream continues to be a priority and additional silt treatment measures have been added throughout the quarter. Laboratory turbidity anaylsis has also been added to the monthly suite of paramaters at SW4 (from March) to compare with monthly visual assessments. The laboratory result in March was relatively low (18.5 NTU) even though the water clarity was noted as slightly cloudy.

Gas

Surface gas results

There were six methane concentration exceedances at 100mm above the landfill surface in the quarter. Remediation at each location is carried out upon instruction by T+T

Gas probe results

No methane exceedances (>5% CH4 by volume) for either of the two probes located outside the landfill footprint.

Gas collected

Parameter	Unit	January - March
Gas flow rate	m3/hr	1339
Methane concentration	%	52

Odour

Months	January	February	March
Complaints	0	0	2
Total in Quarter		2	

Odour investigations are ongoing, however at this stage, as both complaints are reasonably far from the landfill it seems unlikely that the landfill is the cause.

Known locations of complaints



Attachment 1 HVSC agenda

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AGENDA | ITEM 7



To:	Hutt Valley Services Committee	From:	Brett Latimer
	2 May 2025		Open Spaces and Facilities Manager Upper Hutt City Council
Subject:	Akatārawa Cemetery Update	File:	304/01-001
Date:	7 April 2025	Reference	

Akatārawa Cemetery Update

Purpose

- 1. To update the Hutt Valley Services Committee (HVSC) on the specific actions raised at the 7 March 2025 Hutt Valley Services Committee meeting.
- To provide an update on the progress of the developed Cemetery extension design and to summarize current operational expenditure.

Recommendation

That the Hutt Valley Services Committee receives the Akatārawa Cemetery Update report.

Specific actions requested at the 22 November 2024 Committee meeting.

- 4. Councillor Griffiths asked Brett Latimer (UHCC) to investigate powers available to enforce the fence to be reinstated by the previous leaseholder bordering the Akatārawa cemetery.
- 5. Councillor Shaw inquired whether Stage 3 of the cemetery development is necessary to achieve the projected 42-year lifespan of the cemetery.
- 6. Councillor Parkin enquired about the life span each stage of the cemetery development offers.

Discussion

7. A response from Hutt City Council Officers regarding the management of the conditions of the lease is as follows:

"We have revisited the site recently, and it seems there is still material left on site (less than last year) and a large gap still in the fence.

We have engaged our chief legal officer on options after reviewing our lease agreement and determined that it is unlikely that the ex-lease holder will be making any changes. Given this, we plan to engage a contractor to mobilise on-site to remove any unwanted items, and price up re-fencing the line.

Before we do this, we will send a third letter to the ex-lease holder notifying them that we have noticed the site still hasn't been cleared of their belongings and fenced, so we will be sending a contractor to remove all items and to close off the boundary, ready for site construction. They will be told in the letter to expect an invoice for the rubbish removal, and fence reinstallation.

The conversation with our legal officer is still ongoing so I'll let you know once we have reached a final verdict on how we close this out."

- 8. In response to the requests for specific actions regarding the capacity of the development, officers have undertaken a revised approach as the original estimated capacity of 42 years for stages 1 to 3, was a very preliminary estimate based on basic land area, single depth burials and projected death rates. It was also estimated that 1.5 ha of land would be used over a 10-year period which is considered to be overestimated and inaccurate. These figures were used by the consultants in conjunction with the previous Project Manager and the Sexton at that time.
- 9. Officers have reviewed the original forecast and have used a different methodology by implementing double and triple depth burials, reducing annual current plot requirements from 160 to 90 new plots per year. Consideration has also been given to current burial trends, such as the growing preference for cremations over traditional burials, ensuring the plan reflects contemporary needs. This approach has significantly extended the estimated capacity of the existing cemetery and the proposed new cemetery.
- 10. Based on the above methodology, the estimated capacity as of March 2025, is as follows:

A. Akatārawa Cemetery (Current Capacity)

- Available Space: 7,045 m² (after 10% deduction for landscaping/amenities).
- Current Usage:
 - o 90 new casket plots/year.
 - o 65 ash plots/year.
- Remaining Capacity: 10-14 years.

B. New Development- Capacity estimates

- Stage 1 17 to 19 years Ashes and Burials
- Stage 2 34 to 37 years Burials
- Stage 3 19 to 20 years Ashes and Burials
- Stage 4 -25 to 28 years Burials
- Stage 5 45 to 50 years Burials

C. Total Combined Capacity. (Existing Cemetery + Stages 1-5)

- 140 to 154 years for ashes and burials
- There is estimated to be a 140-year capacity for the Natural Burial area based on burials per year.
- These estimates are clearly dependent on future burial trends and any further restrictions that
 may be imposed during the consent process.

AGENDA | ITEM 7

Akatārawa Cemetery Development

- 11. The Resource Consent was lodged with Greater Wellington Regional Council on 18 February 2025.
- 12. The request for further information from Great Wellington Regional Council (GWRC) concerning the proposed cemetery development, was submitted on 14 February 2025 and the Project Team is currently waiting for the consent to be issued, which is expected by mid-April.
- 13. Once the consent is approved by GWRC, the project team will then need to re-submit any changes to the Outline Plan to Upper Hutt City Council Planning Department. It is expected the outline plan could be approved a week later in mid-May.
- 14. Provided there are no significant variations required to the consent, we should be able to proceed with the mulching of the site in May, once the specification for the mulching contract has been prepared and tendered.

General

15. As of 31 March 2025, the total operating Cemetery expenditure is \$365,273 compared to a year-to-date budget of \$353,904. The total Operating revenue is \$413,497 compared to a year-to-date budget of \$338,337.

Attachment 1 HVSC agenda

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AGENDA | ITEM 8



To: Hutt Valley Services Committee From: Fiona Murphy
2 May 2025 Governance Advisor

Subject: Forward Work Programme

Date: 9 April 2025

Forward Work Programme

Recommendation | He tūtohunga

 That the Committee receive the report and note the Forward Work Programme for 2025 appended as Attachment 1 to this memorandum.

Purpose of report | Te pūtake

2. To provide the Hutt Valley Services Committee with a record of the forward work programme for 2025.

Background | Papamuri

- 3. The Terms of Reference for the Hutt Valley Services Committee require the committee to facilitate the coordination and decision-making of combined council services within the Hutt Valley.
- The Forward Programme provides a planning tool for both members and officers to coordinate
 programmes of work for the year. The Forward Programme is appended as Attachment 1 to this report.
- 5. The Forward Programme is a working document and subject to change on a regular basis.

Included attachment | Ngā āpitihanga

6. Attachment 1 - Forward Work Programme 2025.

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Attachment 1

AGENDA | ITEM 8 ATTACHMENT 1

Attachment 1 – Forward Work Programme 2025

Reports required for upcoming Agenda	Author	2-May-25	22-Aug-25	TBC-Dec-25
Wastewater Joint Venture Update	Strategic Advisor, Hutt City Council	✓	√	✓
Update on Silverstream Landfill and Resource Recovery	Head of Climate and Solid Waste, Hutt City Council	✓	√	✓
Akatārawa Cemetery Update	Open Spaces and Facilities Manager, Upper Hutt City Council	✓	✓	✓
Options for acquiring land (six monthly update)	Open Spaces and Facilities Manager, Upper Hutt City Council		✓	
Forward Programme	Governance Advisor, Upper Hutt City Council	✓	✓	✓
Election of Chair and Deputy Chair	Governance Advisor, Upper Hutt City Council			✓
Proposed Meeting Dates for 2026	Governance Advisor, Upper Hutt City Council			✓