

Advice to Upper Hutt City Council Regarding Draft Three Waters Operational and Capital Programmes and Budgets for the 2024-34 Long Term Plan

TO Geoff Swainson, Chief Executive Officer, Upper Hutt City Council; Gunther Wild, Interim Director Asset Management and Operation, Kate Thomson, Chief Financial Officer, Upper Hutt City Council; Liezel Jahnke, Acting Director, Strategy, Partnerships and Growth, Upper Hutt City Council

COPIED TO Pete Wells, Manager Service Planning, Wellington Water

FROM Julie Alexander, Group Manager Network Strategy and Planning, Wellington Water

DATE 18th March 2023

Contact for telephone discussion (if required)

| Name | Position | | 1st Contact |
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Purpose

1. This memo advises Upper Hutt City Council (Council) on:
 - a. the draft operational expenditure (OPEX) and capital expenditure (CAPEX) budgets Council has set for the 2024-34 Long Term Plan (LTP) period,
 - b. the draft OPEX and CAPEX programmes Wellington Water has built to fit within the budgets, and
 - c. the high-level outcomes achieved for Council from the draft OPEX and CAPEX investment programmes, as well as guidance on risks and lost opportunities Council will carry with these programmes.

Recommendations

2. It is recommended that Council:
 - a. **note** the OPEX budget for the 2024-34 LTP period is below the budget recommended by Wellington Water;
 - b. **note** the CAPEX budget for the 2024-34 LTP period is below the budget recommended by Wellington Water;
 - c. **note** that Wellington Water appreciates the level of funding Council has been able to propose in its draft budgets for community consultation and looks forward to continuing to engage constructively to get best value from available funding;
 - d. **note** that more detailed advice, with information about outcomes supported by the proposed investments, as well as guidance on risks arising from unfunded activities, will be provided to Council to support material for consultation on Council's draft 2024-34 LTP;
 - e. **note** that in line with agreed policies on transparency and information sharing, this memo will be published on Wellington Water's public website, subject to any redactions consistent with the Local Government Official Information and Meetings Act 1987, once Council has considered and made decisions regarding this advice.

Background

3. The investment planning process for three waters assets and services has been uncertain and challenging to coordinate for the 2024-34 LTP period due to the passing of new legislation and a change in government.
4. Prior to repeal on 14 February 2024, legislation stated that councils were required to decide funding levels and priorities for the first two years of the 2024-34 LTP period, and government will decide from Year 3 onwards.
5. To be ready for various election outcomes, and scenario where a full LTP would be required, Wellington Water built draft three waters OPEX and CAPEX programmes for the full ten years of the 2024-34 LTP period.
6. In developing the draft 2024-34 LTP OPEX and CAPEX programmes for Council, the Wellington Water Committee has directed Wellington Water to apply principles of Te Mana o Te Wai and maintain the following five strategic priorities to guide regional investment:

- Looking after existing infrastructure
 - Supporting a growing population
 - Sustainable water supply and demand
 - Improving environmental water quality
 - Achieving net zero carbon emissions and building resilience
7. This direction has been applied to the Wellington Water recommended OPEX budget and the recommended (Maximum Deliverable) CAPEX programme. Budgets below these recommended levels will impact the ability to have a balanced programme which delivers on all strategic priorities in a meaningful way.
 8. Council's OPEX and CAPEX programmes have been developed through an iterative process with Council officers and regular updates to Council elected members. The following updates have been provided to Council:
 - a. Stage 1 Advice: Council briefing on challenges and priorities at 29 August 2023 Council workshop
 - b. Stage 2 Advice: Council direction on detailed investment options at 25 October 2023 Council workshop
 9. Wellington Water thanks Council for its constructive engagement through this process and appreciates the level of funding Council has been able to propose in its draft budgets.

2024-34 LTP OPEX budgets and draft programme

10. Within OPEX budgets there is activity that is considered unavoidable; that is, activity that is mandatory or cannot be avoided or deferred as its essential for the operation and maintenance of Council's assets. For example, costs required for the day-to-day operation of critical services where the consequence of failure is very high, or for maintaining compliance with legislation, regulation, or industry standards.
11. Wellington Water presented to Council a recommended level of OPEX for the 2024-34 LTP period to ensure that all operational activity Wellington Water recommends can be undertaken.
12. Following this, Council presented Wellington Water with OPEX budgets that were affordable to Council and asked Wellington Water to fit the OPEX programme within those budgets. Over the 10 years of the 2024-34 this budget is \$32.64M less than the Wellington Water recommended OPEX budget (excluding management fee and drainage levy).
13. Table 1 summarises Council's FY2024/25 OPEX budget.

| Investment Category | Year 1 FY2024/25 | Year 1 WWL recommended |
|---|---------------------|---------------------------|
| Monitoring & Investigations | \$1.30M | \$2.57M |
| Operations | \$0.21M | \$0.21M |
| Planned Maintenance | \$0.98M | \$1.03M |
| Reactive Maintenance | \$1.96M | \$2.49M |
| Treatment Plant | \$4.00M | \$3.87M |
| | \$8.45M | \$10.18M |
| Management and Advisory Services | \$1.42M | \$1.49M |
| | \$9.87M | \$11.67M |

Table 1: Upper Hutt City Council uninflated OPEX for the 2024-34 LTP

14. Wellington Water is cognisant of the cost pressures Council is facing and has been looking at cost efficiencies throughout the organisation. In response to this, the Management Fee was reduced by 5% for all councils compared to what was initially presented. This brings Council's FY2024/34 OPEX budget down to \$1.42M from the original recommendation of \$1.49M.
15. Council should note that a budget below the level recommended by Wellington Water carries risk:
 - a. Reductions to planned and reactive maintenance of the water network will impact the ability to detect and repair leaks in the water network and may impact Council's ability to actively respond to acute water shortage risk.
 - b. Energy and disposal costs at the treatment plant can vary and are essential expenditure. Any increases here will reduce available OPEX for other operational activity.
 - c. While the reactive maintenance budget for water does increase above FY2023/24 levels, it remains insufficient budget to address the backlog in leaks.
 - d. Planned and reactive maintenance for wastewater and stormwater are below levels recommended by Wellington Water, remaining near FY2023/24 levels. The number of logged maintenance jobs is expected to increase over time as result.

2024-34 LTP CAPEX budgets and draft programme

16. In developing Council's 2024-34 LTP CAPEX programme, Wellington Water initially presented to Council a view of:
 - a. Council's unconstrained CAPEX need,
 - b. a maximum deliverable level of investment that Wellington Water could make (noting this should be viewed as a share of an overall regional maximum deliverable level of investment. As such, there is flexibility to support investment above this level if other councils did not fund to their maximum deliverable level), and
 - c. a baseline level of investment based on Council's 2021-31 LTP budget level.
17. Following this, Council gave Wellington Water an indicative budget. Wellington Water provided a draft capital programme (Option 1 programme), however this exceeded the indicative budget.
18. The Option 1 draft capital programme was built to include the following activity:
 - a. Committed projects – all projects underway such as the Chatsworth Road (Whiteman's Rd to 58) Watermain Renewals and Totara Park Road - Bridge Pipework Seismic Strengthening
 - b. Compliance / consenting projects and programmes, for example for resource consent renewals and progressing the global stormwater and network overflow consents
 - c. Control systems and modelling – programmes that are considered essential activity to manage assets and support other investment
 - d. Reactive renewals for all asset types
 - e. Planned renewals for all asset types but at reduced rates
 - f. A small number of other level of service projects and growth projects, noting that some of these are deferred to start later than recommended by Wellington Water due to Council's funding constraints.

19. In mid-February, Council officers advised Wellington Water that Council's CAPEX water budget was to increase by \$10M, above the indicative budget, over the 2024-34 LTP period. Wellington Water was asked to adjust the Option 1 draft programme to meet the revised budget provided by Council and reallocate more of the CAPEX budget towards drinking water activity. Following this, two additional capital programme options which fit the revised budget were produced. The three options are detailed over page:
- a. **Option 1 – Draft capital programme (exceeded Council indicative budget)**

This is a high-risk but balanced programme. It prioritises contractual commitments, consent requirements, planned and reactive maintenance, critical modelling and renewals.
 - b. **Option 2 – High risk programme to meet Council revised budget with reductions to the Network Discharge Consenting Programme as well as wastewater and stormwater renewals in years 4-10**

This option allocates an additional \$25M to drinking water network renewals above that in Option 1 by:

 - reducing wastewater and stormwater network renewals by \$14.6M and \$3M respectively, and
 - deferring outside the 10-year LTP some activity required to deliver on the global wastewater and stormwater consents - \$7.4M and \$14.5M respectively.
 - c. **Option 3 – Higher risk programme to meet Council revised budget by making reductions to Network Discharge Consenting Programme in years 4-10**

This option increases investment in drinking water by \$25M by deferring outside the 10-year LTP some activity required to deliver on the global wastewater and stormwater consents – \$22.3M and \$17.3M respectively. This option keeps investment in wastewater and stormwater network renewals at the same rate as in Option 1.
20. Council officers confirmed Council's intentions to progress with Option 2 for consultation. This option is summarised by water and local government classification in Table 2 over page¹.

¹ Note, the Option 2 programme is slightly overprogrammed in the later years of the 2024-34 LTP. This means the uninflated budget for Option 2 CAPEX Programme in Table 2 is \$1.4M (~1%) more than the UHCC three waters CAPEX budget.

| Service Area | Primary LGA Classification | Year 1 2024/25 | Year 2 2025/26 | Year 3 2026/27 | LTP |
|-----------------------------|----------------------------|-------------------|-------------------|-------------------|------------------|
| Drinking Water | Growth | \$0.05M | \$0.05M | \$0.05M | \$0.50M |
| | Level of service | \$4.15M | \$1.18M | \$0.88M | \$14.28M |
| | Renewal | \$4.74M | \$3.45M | \$1.98M | \$50.31M |
| Drinking Water Total | | \$8.94M | \$4.68M | \$2.90M | \$65.09M |
| Stormwater | Growth | \$0.05M | \$0.05M | \$0.05M | \$0.50M |
| | Level of service | \$3.84M | \$0.90M | \$1.09M | \$13.33M |
| | Renewal | \$0.34M | \$0.36M | \$0.39M | \$5.04M |
| Stormwater Total | | \$4.23M | \$1.31M | \$1.53M | \$18.86M |
| Wastewater | Growth | \$0.05M | \$0.05M | \$0.05M | \$0.50M |
| | Level of service | \$1.09M | \$1.16M | \$1.46M | \$30.94M |
| | Renewal | \$5.51M | \$2.24M | \$3.83M | \$20.76M |
| Wastewater Total | | \$6.65M | \$3.44M | \$5.34M | \$52.20M |
| Wastewater JV | Growth | \$0.00M | \$0.00M | \$0.00M | \$1.01M |
| | Level of service | \$1.43M | \$0.15M | \$0.04M | \$5.46M |
| | Renewal | \$9.75M | \$21.58M | \$17.77M | \$149.39M |
| Wastewater JV Total | | \$11.18M | \$21.72M | \$17.81M | \$155.86M |
| Total | | \$31.00M | \$31.15M | \$27.59M | \$292.01M |

Table 2: Uninflated budget for Option 2 CAPEX Programme

21. Council's CAPEX programme includes investment across the five strategic priorities but focuses investment on:
 - a. Looking After Existing Infrastructure,
 - b. Sustainable Water Supply and Demand, and
 - c. Improving Environmental Water Quality.
22. While there are a limited number of specific growth projects in the Option 2 programme that Wellington Water will deliver for council, there are other level of service projects which may also support growth. There is minimal activity to achieve net carbon zero and increase resilience to climate change (including flooding) in the programme to fit Council budget.
23. Appendix A provides a breakdown of the draft 2024-34 LTP CAPEX programme that has been shared with Council. Note, this programme is still moving and is a point in time view of Council's CAPEX programme until it is finalised in June 2024.
24. This programme is expected to carry compliance and water supply security risks as a result of projects starting later than recommended, and network renewals being delivered at a rate below that recommended by Wellington Water. Deferring renewals activity increases operating costs and pushes the problems associated with ageing infrastructure down the track. Overall, this increases the size and cost of the renewals backlog problem.
25. The following significant projects recommended by Wellington Water are deferred to start beyond the 10-year LTP period in this CAPEX programme:
 - a. Implementation of the Universal Residential Smart Meters
 - b. Pinehaven Stream Phase 4
 - c. Te Marua Water Supply Storage
 - d. Chatsworth WS Reservoir (Silverstream Reservoir)
 - e. Emerald Hill WS Reservoir (Birchville Reservoir)
 - f. Riverstone, Silverstream and Timberlea Water Supply Storage

- g. Totara Park Water Supply Storage and Pipes
 - h. Silverstream Stormwater Pipe Upgrades
 - i. Pinehaven- Blue Mountains Wastewater (excl JV) Pipe Upgrades
 - j. Trentham Wastewater (excl JV) Pipe Upgrade
 - k. Implementing the global stormwater and network discharge consents at Wellington Water recommended timing
26. The risks and service level impacts the draft OPEX and CAPEX budgets carry will be elaborated on in subsequent advice to Council. In general, however, budget below that recommended by Wellington Water will make it difficult to deliver on all service level targets and key performance indicators and deliver on all strategic priorities in a meaningful way.

Next steps

27. Prior to Council consultation on the draft LTP, Wellington Water will give more detailed advice on the risks and impacts to level of service that can be expected with the OPEX and CAPEX budgets Council has indicated it will adopt.
28. In parallel, Wellington Water is preparing artefacts in accordance with the Minimum Viable Product (MVP) guidance prepared by Councils, and Audit New Zealand advice, to support council's LTP audit.

Appendix A: Upper Hutt City Council draft 2024-34 LTP CAPEX Programme by Water Type and LGA Classification

Project level breakdown - see second tab labelled "RB Network Renewals Pot by Water"

| Water | LGA Classification (Primary) | Project / Programme Name | uninflated | uninflated | uninflated | uninflated | uninflated | uninflated | uninflated | uninflated | uninflated | uninflated | LTP |
|-----------------------------|------------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| | | | 2024/25 | 2025/26 | 2026/27 | 2027/28 | 2028/29 | 2029/30 | 2030/31 | 2031/32 | 2032/33 | 2033/34 | |
| Drinking Water | Renewal | Chatsworth Road (Whitemans Rd to 58) Watermain Renewals | 3,500,000 | 3,294 | 2,499 | - | - | - | - | - | - | - | 3,505,792 |
| Drinking Water | Renewal | UHCC DW Control Renewals | 30,000 | 30,000 | 30,000 | 30,000 | 50,000 | 30,000 | 30,000 | 30,000 | 30,000 | 50,000 | 340,000 |
| Drinking Water | Renewal | UHCC PW Area Meter Renewals | 87,048 | 21,753 | 67,232 | 30,125 | 69,669 | 30,216 | 69,679 | 30,652 | 3,194 | - | 409,568 |
| Drinking Water | Renewal | Drinking Water Network Reactive Renewals | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 1,500,000 |
| Drinking Water | Renewal | UHCC Water Pump Station REACTIVE Renewals | 21,780 | 42,570 | 27,720 | - | - | - | - | - | - | - | 92,070 |
| Drinking Water | Renewal | Regional VHCA Reservoir Integrity Improvements | 300,000 | - | - | - | - | - | - | - | - | - | 300,000 |
| Drinking Water | Renewal | UHCC Water Pump Station PLANNED Renewals | 173,466 | - | - | 22,400 | 206,080 | 11,200 | 91,840 | - | - | - | 504,986 |
| Drinking Water | Renewal | RB Network Renewals Pot UHCC DW | 480,000 | 3,200,000 | 1,700,000 | 2,903,040 | 1,045,086 | 1,254,120 | 1,504,944 | 1,805,916 | 2,167,116 | 2,600,556 | 18,660,778 |
| Drinking Water | Renewal | Network Renewals Pot UHCC DW - Additional funding in Feb 2024 | - | - | - | - | - | 5,000,000 | 5,000,000 | 5,000,000 | 5,000,000 | 5,000,000 | 25,000,000 |
| Drinking Water | Level of service | Totara Park Road - Bridge Pipework Seismic Strengthening | 2,700,000 | 3,043 | - | - | - | - | - | - | - | - | 2,703,043 |
| Drinking Water | Level of service | UHCC Management of Fire Hydrant Use | 670,000 | - | - | - | - | - | - | - | - | - | 670,000 |
| Drinking Water | Level of service | Capital Carbon Modelling | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 100,000 |
| Drinking Water | Level of service | UHCC Water Network Modelling | 50,000 | 350,000 | 50,000 | 50,000 | 50,000 | 50,000 | 350,000 | 50,000 | 50,000 | 50,000 | 1,100,000 |
| Drinking Water | Level of service | UHCC New Smart Services | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 150,000 |
| Drinking Water | Level of service | Install Bypass smart flow meter on all fire connections (support unallocated water usage) | - | - | - | - | 750,000 | 788,000 | 827,000 | 868,000 | 912,000 | 957,000 | 5,102,000 |
| Drinking Water | Level of service | (SWS) UHCC PW Pressure Management | 700,000 | 800,000 | 800,000 | 800,000 | 800,000 | 550,000 | - | - | - | - | 4,450,000 |
| Drinking Water | Growth | Reactive Growth Development Projects - UHCC - Water | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 500,000 |
| Total Drinking Water | | | 8,937,294 | 4,675,659 | 2,902,451 | 4,060,565 | 3,195,835 | 7,938,536 | 8,098,463 | 8,009,568 | 8,387,310 | 8,882,556 | 65,088,237 |
| Stormwater | Renewal | UHCC SW Control systems Renewals | 25,000 | 10,000 | 10,000 | 10,000 | 10,000 | 25,000 | 10,000 | 10,000 | 10,000 | 10,000 | 130,000 |
| Stormwater | Renewal | Stormwater Network Reactive Renewals | 276,000 | 304,000 | 335,000 | 369,000 | 407,000 | 449,000 | 495,000 | 546,000 | 602,000 | 663,000 | 4,446,000 |
| Stormwater | Renewal | UHCC Stormwater Pump Stations REACTIVE Renewals | 40,590 | 46,530 | 46,530 | 46,530 | 46,530 | 46,530 | 46,530 | 46,530 | 46,530 | 46,530 | 459,360 |
| Stormwater | Level of service | NDP: SW Sub-catchment Asset Management Plan - Upper Hutt A | - | - | - | - | - | - | - | - | - | - | - |
| Stormwater | Level of service | NDP: SMS workstream 1 implementation for water quality | - | 75,000 | 150,000 | 200,000 | 200,000 | 200,000 | 200,000 | 600,000 | 600,000 | 600,000 | 2,825,000 |

| | | | | | | | | | | | | | |
|-------------------------|------------------|---|-------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Stormwater | Level of service | NDP: SW Sub-catchment Asset Management Plan – Hulls Creek | - | - | 140,000 | 140,000 | 1,330,000 | 1,330,000 | - | - | - | - | 2,940,000 |
| Stormwater | Level of service | NDP: Resource consent for stormwater discharges | 500,000 | 500,000 | 500,000 | - | - | - | - | - | - | - | 1,500,000 |
| Stormwater | Level of service | UHCC Global consent for operations and maintenance works in streams | 20,000 | 20,000 | - | - | - | - | - | - | - | - | 40,000 |
| Stormwater | Level of service | Capital Carbon Modelling | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 100,000 |
| Stormwater | Level of service | UHCC SW Model Update and Calibration | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 1,500,000 |
| Stormwater | Level of service | Health and Safety improvements | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 80,000 | 800,000 |
| Stormwater | Level of service | Drainage assessments to scope and further develop drainage projects | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 600,000 |
| Stormwater | Growth | Reactive Growth Development Projects – UHCC – Stormwater | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 500,000 |
| Total Stormwater | | | 1,211,590 | 1,305,530 | 1,531,530 | 1,115,530 | 2,343,530 | 2,400,530 | 1,101,530 | 1,552,530 | 1,608,530 | 1,669,530 | 15,840,360 |
| Wastewater | Renewal | Logan St Wastewater Renewal | 4,500,000 | | 7,954 | - | - | - | - | - | - | - | 4,507,954 |
| Wastewater | Renewal | UHCC WW Control Systems Renewals | 30,000 | 15,000 | 15,000 | 15,000 | 15,000 | 30,000 | 15,000 | 15,000 | 15,000 | 15,000 | 180,000 |
| Wastewater | Renewal | Wastewater Network Reactive Renewals | 350,000 | 368,000 | 386,000 | 405,000 | 425,000 | 447,000 | 469,000 | 492,000 | 517,000 | 543,000 | 4,402,000 |
| Wastewater | Renewal | UHCC Wastewater Pump Stations REACTIVE Renewals | 41,000 | 47,000 | 47,000 | 47,000 | 47,000 | 47,000 | 47,000 | 47,000 | 47,000 | 47,000 | 464,000 |
| Wastewater | Renewal | UHCC Wastewater Pump Stations PLANNED Renewals | 589,120 | 29,120 | 20,160 | 188,160 | 33,600 | 2,240 | 31,360 | 80,640 | 154,560 | 215,040 | 1,344,000 |
| Wastewater | Renewal | RB Network Renewals Pot UHCC WW | - | 1,776,000 | 3,355,400 | 1,109,934 | 493,010 | 420,866 | 505,035 | 606,046 | 727,251 | 872,699 | 9,866,242 |
| Wastewater | Level of service | NDP: ww overflows universal measures | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,000,000 |
| Wastewater | Level of service | NDP: WWNO sub-catchment reduction plan - Hulls Creek | - | - | 150,000 | 150,000 | 7,430,000 | 7,430,000 | 7,430,000 | - | - | - | 22,590,000 |
| Wastewater | Level of service | NDP: Resource consent for dry weather overflows | 300,000 | 300,000 | 300,000 | - | - | - | - | - | - | - | 900,000 |
| Wastewater | Level of service | NDP: Resource consent for wet weather overflows | 250,000 | 250,000 | 250,000 | - | - | - | - | - | - | - | 750,000 |
| Wastewater | Level of service | Capital Carbon Modelling | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 100,000 |
| Wastewater | Level of service | UHCC wastewater modelling | 100,000 | 100,000 | 300,000 | 300,000 | 200,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,500,000 |
| Wastewater | Level of service | Drainage Investigations Improve I&I and Water Quality Smart Manhole sensors | 320,000 | 336,000 | 353,000 | 370,000 | 389,000 | 408,000 | 429,000 | 450,000 | 473,000 | 496,000 | 4,024,000 |
| Wastewater | Level of service | UHCC Smart WW Manhole Sensor Trial | 12,626 | - | - | - | - | - | - | - | - | - | 12,626 |
| Wastewater | Level of service | UHCC Remote Water Quality Sensors - zone monitoring | - | 60,000 | - | - | - | - | - | - | - | - | 60,000 |
| Wastewater | Growth | Reactive Growth Development Projects - UHCC - Wastewater | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 500,000 |
| Total Wastewater | | | 6,652,746 | 3,441,120 | 5,344,514 | 2,745,094 | 9,192,610 | 9,045,106 | 9,186,395 | 1,950,686 | 2,193,811 | 2,448,739 | 52,200,822 |
| Total Programme | | | 16,801,630 | 9,422,309 | 9,778,494 | 7,921,189 | 14,731,975 | 19,384,172 | 18,386,388 | 11,512,784 | 12,189,651 | 13,000,825 | 133,129,419 |

Pinehaven Stream Upgrade (unfunded, 50 percent discount applied - funded by GWRC)

| Water | LGA Classification (Primary) | Project / Programme Name | 2024/25 | 2025/26 | 2026/27 | 2027/28 | 2028/29 | 2029/30 | 2030/31 | 2031/32 | 2032/33 | 2033/34 | LTP |
|--|------------------------------|--|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------------|
| Stormwater | Level of service | Pinehaven Stream Upgrade Willow Park Phase 2 | 550,000 | - | - | - | - | - | - | - | - | - | 550,000 |
| Stormwater | Level of service | Pinehaven Stream Phase 3 | 2,470,000 | - | - | - | - | - | - | - | - | - | 2,470,000 |
| Total unfunded Pinehaven Stream Phase 2 - 4 | | | 3,020,000 | - | - | - | - | - | - | - | - | - | 3,020,000 |

Wastewater JV projects (UHCC 30% share based on the current model)- separate UHCC baseline budget

| Water | LGA Classification (Primary) | Project / Programme Name | 2024/25 | 2025/26 | 2026/27 | 2027/28 | 2028/29 | 2029/30 | 2030/31 | 2031/32 | 2032/33 | 2033/34 | LTP |
|---------------|------------------------------|--|---------|---------|---------|-----------|-----------|---------|---------|---------|---------|---------|-----------|
| Wastewater JV | Level of service | Seaview WWTP Wastewater Storage | 306,926 | 147,605 | - | - | - | - | - | - | - | - | 454,531 |
| Wastewater JV | Renewal | Consent renewal - Seaview WWTP coastal discharge (exp 2031) | - | - | - | 150,000 | 300,000 | 600,000 | 150,000 | - | - | - | 1,200,000 |
| Wastewater JV | Renewal | Consent renewal - Seaview WWTP coastal occupation (exp 2029) | - | - | - | 75,000 | 45,000 | - | - | - | - | - | 120,000 |
| Wastewater JV | Renewal | Consent renewal - Seaview WWTP (maintenance) (exp 2031) | - | - | - | - | 60,000 | 60,000 | 60,000 | - | - | - | 180,000 |
| Wastewater JV | Renewal | Consent renewal - Seaview WWTP Discharge to air (exp 2031) | - | - | - | 150,000 | 150,000 | 150,000 | - | - | - | - | 450,000 |
| Wastewater JV | Renewal | Seaview WWTP JV Process Model Development | - | 45,000 | 15,000 | 15,000 | 15,000 | 45,000 | 15,000 | 15,000 | 45,000 | 15,000 | 225,000 |
| Wastewater JV | Level of service | Odour modelling | - | - | 9,000 | - | - | - | - | - | - | - | 9,000 |
| Wastewater JV | Level of service | HCC WWJV Control Systems Upgrades - HUVA | - | - | 29,400 | 29,100 | 32,700 | - | - | - | - | - | 91,200 |
| Wastewater JV | Renewal | Seaview WWTP JV Reactive Renewals | 336,000 | 336,000 | 336,000 | 336,000 | 336,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 2,430,000 |
| Wastewater JV | Renewal | HCC WWJV - Major Pump Stations REACTIVE Renewals | 18,900 | 18,900 | 18,900 | 18,900 | 18,900 | 18,900 | 18,900 | 18,900 | 18,900 | 18,900 | 189,000 |
| Wastewater JV | Renewal | Seaview WWTP JV Planned Renewals | 450,000 | 450,000 | 450,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 3,450,000 |
| Wastewater JV | Renewal | Seaview WWTP Effluent Pump Station Renewal | 60,000 | - | - | - | - | - | - | - | - | - | 60,000 |
| Wastewater JV | Renewal | Seaview WWTP JV Aeration System Renewal | - | 220,500 | 441,000 | 1,323,000 | 1,764,000 | 661,500 | - | - | - | - | 4,410,000 |
| Wastewater JV | Renewal | Seaview WWTP JV RAS System Renewal | 300,000 | 450,000 | - | - | - | - | - | - | - | - | 750,000 |
| Wastewater JV | Renewal | Seaview WWTP Site Services and Building Renewal | 90,000 | 90,000 | - | - | - | - | - | - | - | 150,000 | 330,000 |
| Wastewater JV | Renewal | Seaview WWTP JV Centrifuge Dewatering Renewal | 90,000 | 90,000 | 90,000 | - | - | - | - | - | - | - | 270,000 |
| Wastewater JV | Renewal | Seaview WWTP JV Backup Power Supply | 150,000 | 690,000 | - | - | - | - | - | - | - | - | 840,000 |

| | | | | | | | | | | | | | |
|--|------------------|---|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|--------------------|
| Wastewater JV | Renewal | Seaview WWTP JV Clarifier Renewal | - | - | 450,000 | 450,000 | 450,000 | 450,000 | - | - | - | - | 1,800,000 |
| Wastewater JV | Renewal | Seaview WWTP JV UV Renewal | 900,000 | 1,350,000 | - | - | - | - | - | - | - | - | 2,250,000 |
| Wastewater JV | Renewal | Seaview WWTP Odour Control Renewal | 2,824,875 | 990,000 | - | - | - | - | - | - | - | - | 3,814,875 |
| Wastewater JV | Renewal | Seaview WWTP Sludge Dryer Replacement | 2,100,000 | 9,600,000 | 10,500,000 | 2,850,000 | - | - | - | - | - | - | 25,050,000 |
| Wastewater JV | Renewal | Trunk Type B Network Development - Petone Collecting Wastewater Upgrade | 1,500,000 | 6,000,000 | 3,300,000 | 600,000 | 6,000,000 | 6,000,000 | - | - | - | - | 23,400,000 |
| Wastewater JV | Renewal | RB Network Renewals Pot HCC WW JV | 660,000 | 720,000 | 1,312,500 | 1,350,000 | 3,240,000 | 3,990,000 | 13,965,000 | 16,950,000 | 30,510,000 | 600,000 | 73,297,500 |
| Wastewater JV | Renewal | HCC JV/DBO WW Pump Station Renewals | - | - | 603,504 | 104,544 | 371,844 | 242,055 | 106,326 | 74,547 | 93,852 | 145,827 | 1,742,499 |
| Wastewater JV | Renewal | Seaview WWTP JV Critical Spares | - | 150,000 | - | - | - | - | - | - | - | - | 150,000 |
| Wastewater JV | Renewal | Seaview WWTP JV General Instrumentation Replacement | - | 75,000 | 45,000 | - | - | - | - | - | 90,000 | - | 210,000 |
| Wastewater JV | Level of service | Seaview WWTP JV Grit Removal | - | - | - | - | 240,000 | 480,000 | 750,000 | 960,000 | - | - | 2,430,000 |
| Wastewater JV | Renewal | Seaview WWTP JV Screening Wash Press Replacement | 60,000 | 90,000 | - | - | - | - | - | - | - | - | 150,000 |
| Wastewater JV | Renewal | Seaview WWTP JV Sludge Handling Renewal and Capacity Upgrade | - | - | - | - | - | - | - | 105,000 | 420,000 | 1,050,000 | 1,575,000 |
| Wastewater JV | Level of service | Seaview WWTP JV Treatment System Modification (consent required) | - | - | - | - | - | - | - | 90,000 | 360,000 | 900,000 | 1,350,000 |
| Wastewater JV | Renewal | Seaview WWTP Milliscreen Replacement | 210,000 | 210,000 | 210,000 | 210,000 | 210,000 | - | - | - | - | - | 1,050,000 |
| Wastewater JV | Growth | Silverstream Wastewater (JV) storage | - | - | - | - | - | - | - | - | - | 1,005,345 | 1,005,345 |
| Wastewater JV | Level of service | Totara Park Rd - Totara Park Bridge - rising main WW Renewal | 1,125,000 | - | - | - | - | - | - | - | - | - | 1,125,000 |
| Total Wastewater JV (30% share) | | | 11,181,701 | 21,723,005 | 17,810,304 | 7,961,544 | 13,533,444 | 13,147,455 | 15,515,226 | 18,663,447 | 31,987,752 | 4,335,072 | 155,858,950 |