

**Attachment 2 - Attachment A - Summary of Proposed Changes - December 2022 Capital Works Reforecast(3)**

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Item	Programme	Directorate	Project Code	Project Description	2022-23 Budget	Deferral	Brought Forward	Increase / Decrease	Transfer	Surplus	2022-23 Recommended Budget	Total Change	Reforecast Comments
1	Buildings	Community	000429	PAC - Performing Arts Centre	0		800,000				800,000	800,000	<b>BRING FORWARD \$800k from 24/25</b> Kā Huanui a Tāhuna Alliance to be engaged under the current PAA (Programme Alliance Agreement) to undertake design, site clearance, and carpark construction works associated with Stage 1A for the delivery of temporary parking on the Manawa Stanley Street site.
2		Property & Infrastructure	000293	6 Merioneth St Arrowtown	10,621				-10,621		0	-10,621	<b>TRANSFER \$11k to 71 Ballarat St Flats (project 001014)</b> Funding was provisioned to complete minor improvement works to this QLDC-owned residential dwelling. No works have been identified for the current financial year, and accordingly the available budget is proposed to be transferred for use on another QLDC dwelling requiring refurbishment (71 Ballarat St).
3			001014	71 Ballarat St Flats	40,621				10,621		51,242	10,621	<b>TRANSFER \$11k from 6 Merioneth St Arrowtown (Project 000293)</b> 71 Ballarat St consists of six residential units and was acquired by QLDC as part of the Arterial Stage 1 project. Two of the units have been removed to enable the Arterial alignment. The remaining units will be upgraded and sold to generate a net profit for reinvestment in the community. The proposed budget will facilitate this refurbishment activity.
4			000913	Artificial Turf Programme	0				32,600		32,600	32,600	<b>TRANSFER \$33k from QEC Carpark Reconfiguration (Project 001334)</b> The QEC Artificial Turf project was completed last financial year. A final retention payment is due which was omitted from being accrued. Funding is required to meet this payment obligation.
5			001017	Wanaka Eely Point Jetty/Ramp	250,000	-150,000					100,000	-150,000	<b>DEFER \$150k to 23/24</b> The current Eely Point launching facility is at capacity. Upgrades to the jetty have been designed and consented. Some further planning activity is required in the current financial year to confirm design parameters and construction procurement. It is expected works will commence in the next financial year, subject to revalidation through the 2023/24 Annual Plan process.
<b>Buildings Total</b>					<b>301,242</b>	<b>-150,000</b>	<b>800,000</b>	<b>0</b>	<b>32,600</b>	<b>0</b>	<b>983,842</b>	<b>682,600</b>	
6	Knowledge Management	Corporate	000145	ICT Projects	436,298	-100,000					336,298	-100,000	<b>DEFER \$100k to 23/24</b> Self service kiosks not progressing, budget required for community property projects.
7			000288	Enterprise System	760,694	-150,000					610,694	-150,000	<b>Defer \$150k to 23/24</b> Work scheduled to be delivered this financial year for TechnologyOne Ci to CIA Financials migration and Enterprise Cash Receipting implementation. \$150k Deferral to 23/24 for cia migration backfill.
<b>Knowledge Management Total</b>					<b>1,196,992</b>	<b>-250,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>946,992</b>	<b>-250,000</b>	
8	Other	Property & Infrastructure	001135	Reform Stimulus Delivery Plan (3W)	0				650,000		650,000	650,000	<b>TRANSFER \$650k from Wastewater Renewals Queenstown (Project 000024)</b> Central Government provided Territorial Authorities with a grant to accelerate 3W renewals in response to Covid-19 and proposed sector reform. The work programme was deliberately overcommitted to ensure the full value of the fund could be utilised within the time horizons set by DIA. The programme enabled acceleration of renewals projects and as such the transfer from renewals budgets is considered appropriate.
9			001319	QTN Priority Growth Corridors (IN)	2,000,000	-1,740,000					260,000	-1,740,000	<b>DEFER \$1.74M to 23/24</b> This budget funds an integrated infrastructure investment planning exercise for the Ladies Mile, Southern Corridor, and Frankton area. An Establishment Report has been commissioned to comprehensively scope the planning programme. It is expected the Establishment Report will be delivered in March 2023. The timing of this initiative has been adjusted to manage financial and resourcing constraints within the current funding year. Any further expenditure beyond the Establishment Report will be revalidated via the 2023/24 Annual Plan process.
10			001343	Wanaka Airport Masterplan	500,000	-250,000					250,000	-250,000	<b>DEFER \$250k to 23/24</b> Strategic planning for the Wanaka Airport will ensure short to medium term investments are aligned to strategy and other QLDC activities/plans. Procurement for development of the masterplan is underway and will be commissioned in the current financial year.
<b>Other Total</b>					<b>2,500,000</b>	<b>-1,990,000</b>	<b>0</b>	<b>0</b>	<b>650,000</b>	<b>0</b>	<b>1,160,000</b>	<b>-1,340,000</b>	
11	Parks and Reserves	Community	000429	Parks & Reserves Roding Minor Imp WAK	594,847	-519,847					75,000	-519,847	<b>Defer \$520k to 23/24</b> To undertake condition assessments this FY and deliver through the roading reseal program in FY23-24. This means we will be able to secure contractor availability and better unit rates therefore enjoy better value through the roading contract programme.
12			000430	Parks & Reserves Roding Minor Imp WAN	87,583	-62,583					25,000	-62,583	<b>DEFER \$63k to 23/24</b> To undertake condition assessments this FY and deliver through the roading reseal program in FY23-24. This means we will be able to secure contractor availability and better unit rates therefore enjoy better value through the roading contract programme.
13			000894	Wanaka Lakefront Development Plan	2,466,420		350,000				2,816,420	350,000	<b>BRING FORWARD \$350k from 23/24</b> Stage 2 - Construction started April 22 and is scheduled to be complete by March 23. Stage 5 - stakeholder and community consultation on the concept design complete and detailed design is underway. Additional funds required this year are due to topsoil, the historic pathway tile layout and Marina tie in for Stage 3 - footpath.
12			000759	Coronet Forest Revegetation	670,269				-192,736		477,533	-192,736	<b>TRANSFER \$193k to Wild Fire Reserve Sensors Wakatipu (new project)</b> Tender for Coronet Forest revegetation works likely to be agreed early 2023.
13		New		Wild Fire Reserve Sensors Wakatipu	0				192,736		192,736	192,736	<b>TRANSFER \$193k from Coronet Forest Revegetation (Project 000759)</b> Establishment of wild fire sensors in Ben Lomond Reserve for resilience against wild fire threat.
14			001159	General Signage Budget - Queenstown	41,359				-15,000		26,359	-15,000	<b>TRANSFER \$15k to Wanaka Signage (project 001160)</b>

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15			001160	General Signage Budget - Wanaka	41,359				15,000		56,359	15,000	<b>TRANSFER \$15k from Queenstown Signage (project 001159)</b> For Wanaka Lakefront Development Plan stage 2 signage
				<b>Parks and Reserves Total</b>	<b>3,901,837</b>	<b>-582,429</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,669,407</b>	<b>-232,429</b>	
16	Transport	Property & Infrastructure	000589	CCTV Crime Prevention & Safety (INF)	91,051		1,145,154		30,000		1,266,205	1,175,154	<b>TRANSFER \$30k from Building Management System (Project 001285) + BRING FORWARD \$1.15M from all future years</b> Improvements to the Queenstown town centre's CCTV arrangements will be delivered through the current Kā Huanui a Tāhuna (Whakatipu Transport Programme Alliance) upgrade projects. The proposed budget transfer and bring forward are required to fund the agreed scope of works.
17			000853	Lake Wakatipu Ferry Infrastructure Improvements (TR)	700,000	-150,000					550,000	-150,000	<b>DEFER \$150k to 24/25</b> This budget supports improvements to jetty structures, wharves, and approaches to enable the ongoing viability and efficiency of a water taxi service. Design is nearing completion, and construction procurement will be underway within the current financial year.
18			000868	Wakatipu Active Travel Network	308,695		68,113				376,808	68,113	<b>BRING FORWARD \$68k from 23/24</b> The Whakatipu Active Travel Network was identified through a 'Wakatipu Way to Go' business case completed in 2019. This budget is presently supporting design of route A8 (Lake Hayes Estate to Frankton). In addition, the funding provides for an assessment of potential bridge alignments across the Kawarau River to facilitate the A7 route (Jacks Point to Frankton) including the ability to cater for future 3W infrastructure.
19			000903	Arthurs Point Bridge - Road Crossing (TR)	142,052		300,000				442,052	300,000	<b>BRING FORWARD \$300k from 29/30</b> In 2020, a Waka Kotahi led business case confirmed the need to invest in the Shotover River crossing arrangements at Arthurs Point. The investment will increase roading capacity, improve network resilience, and provide for safer and more accessible active travel arrangements. More recently, QLDC has procured a Bridge Design Feasibility Report to revisit the business case options, confirm geotechnical and design assumptions, further analyse cost and consenting requirements, and recommend a preferred option for implementation. It is proposed that budget be brought forward from future years to meet the feasibility report costs (to be completed this financial year).
20			000910	HIF Quail Rise to Hawthorne Dr Stage 1	553,937	-500,000					53,937	-500,000	<b>DEFER \$500k to 24/25</b> Access to Housing Infrastructure Fund lending was secured to establish a roading connection between the Hawthorne Drive Roundabout and Ferry Hill Drive in Quail Rise. Advancement of this initiative is dependent on the alignment of all interested development parties. To date, this alignment has not been achieved and accordingly timing for the initiative remains uncertain. It is recommended some budget is retained in the current financial year to meet internal costs associated with ongoing negotiations.
21			001124	Queenstown Street Upgrades - CIP	22,589,827			5,373,624			27,963,452	5,373,624	<b>NEW FUNDING of \$5.37M</b> The Kā Huanui a Tāhuna (Whakatipu Transport Programme Alliance) is delivering the Queenstown Street Upgrades project. This project attracted a significant financial contribution from Central Government via the Shovel Ready fund administered by Crown Infrastructure Partners. The contracted model provides for cost recovery and a sharing of pain/gain. The project is currently forecast to exceed approved budget by \$5.37m, of which approximately \$2.8m will be recovered from the Alliance delivery partners by way of a credit in the 23/24 financial year. Accordingly, while an increase of \$5.4m is requested, the net impact to QLDC is estimated to be approximately \$2.6m. The increase can be attributed to delays arising primarily from labour shortages, covid lockdown provisions, statutory changes to sick leave, price escalation, and supply chain issues.
22			001128	Lakeview Ancil - Brunswick St Retaining Wall (TR)	500,000	0	1,800,000				2,300,000	1,800,000	<b>BRING FORWARD \$1.8M from 23/24</b> The Lakeview programme of Infrastructure works is being delivered by the Kā Huanui a Tāhuna (Whakatipu Transport Programme Alliance). Construction works to strengthen Brunswick Street retaining wall are now scheduled for completion April.
23			001258	Capell Ave Road Formation (TR)	420,000	-400,000					20,000	-400,000	<b>DEFER \$400k to 23/24</b> Development of the unformed legal road that connects Capell Avenue to Cemetery Road will improve connectivity between Hawea's existing township and new development areas. Formation of this road is subject to a Heads of Agreement between QLDC and local developers. Negotiations regarding the scope and design remain ongoing, delaying implementation. It is recommended some budget is retained in the current financial year to meet internal costs associated with the ongoing negotiations.
24			001295	Wakatipu Active Travel LCLR Unsub (TR)	283,642				-195,000		88,642	-195,000	<b>TRANSFER \$195k to Travel Demand Management (Project 001303)</b> Waka Kotahi did not fully match QLDC's budget request for low cost, low risk (LCLR) initiatives in the 21-24 NLT. This budget represents the residual/unfunded amount, and is insufficient to implement fully-funded local solutions within the current financial year. Accordingly, it is proposed this budget be repurposed towards the Travel Demand Management planning project.
25			001303	Travel Demand Management (TR)	80,000				195,000		275,000	195,000	<b>TRANSFER \$195k from Wakatipu Active Travel LCLR Unsub (Project 001295)</b> Waka Kotahi have agreed to subsidise the development of a Travel Demand Management business case for the District, to be developed in the current financial year. The transfer of funding enables QLDC to fully utilise the Waka Kotahi subsidy available. The business case will identify low cost interventions to reduce congestion and improve network productivity. A RFP to procure a business case provider will be released before December 2022.

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26			001310	Public Transport Investigation Unsub (TR)	125,000	-125,000					0	-125,000	<b>DEFER \$125k to 24/25</b> This budget was established to support preliminary investigations into the ongoing ownership/operation of the district's public transport service. Preliminary conversations between ORC, DCC, and QLDC have occurred; however, it is not anticipated QLDC officers will be directed to conduct this feasibility assessment within the current financial year. Accordingly the budget is recommended for deferral, and will be revisited as part of the 2023/24 Annual Plan development process.
<b>Transport Total</b>					<b>25,794,205</b>	<b>-1,175,000</b>	<b>3,313,266</b>	<b>5,373,624</b>	<b>30,000</b>	<b>0</b>	<b>33,336,095</b>	<b>7,541,891</b>	
27	Venues and Facilities	Community	001350	Frankton Golf Course Reconfiguration	0		1,540,777				1,540,777	1,540,777	<b>BRING FORWARD \$1.5M from 25/26</b> Critical works are required to re-align the Frankton Golf Course due to the planned NZUP programmed works at BP roundabout and Queenstown Airport fence realignment (to be recovered from QAC).
28			000829	QEC New Indoor Court	846,825	-546,825					300,000	-546,825	<b>DEFER \$547k to 23/24</b> New indoor court facilities are required for the Queenstown Events Centre. The recommended deferral will enable the design of the courts to be aligned with the wider QEC masterplanning exercise.
29			001285	Building Management System	438,988				-30,000		408,988	-30,000	<b>TRANSFER \$30k to CCTV Crime Prevention &amp; Safety (Project 000589)</b> Funding was provisioned to install a computer-based control system in QLDC buildings. No expenditure is planned for the current financial year and accordingly is proposed for use on other network/system requirements (CCTV).
30			001334	QEC - Carpark Reconfiguration	250,000				-32,600		217,400	-32,600	<b>TRANSFER \$33k to Artificial Turf Programme (Project 000913)</b> Reconfiguration of the QEC carpark will be required as a result of the QEC new indoor court project. A procurement plan has been drafted (Sept 22) for approval before the tender for design is to be undertaken for the masterplanning works. Further budget is available in later years for implementation.
<b>Venues and Facilities Total</b>					<b>1,535,813</b>	<b>-546,825</b>	<b>1,540,777</b>	<b>0</b>	<b>-62,600</b>	<b>0</b>	<b>2,467,164</b>	<b>931,351</b>	
31	Waste Management	Property & Infrastructure	001180	Existing Wakatipu Waste Facilities (WM)	400,000				207,066		607,065	207,066	<b>TRANSFER \$207k from Solid Waste Large Asset Renewals (Project 001181)</b> The equipment at the Frankton transfer station is at end of life and requires ongoing investment to remain operational. The proposed transfer will be used for the intended purpose of the source budget i.e. renewal of major solid waste assets.
32			001181	Solid Waste - Large Asset Renewals - Wakatipu (WM)	207,066				-207,066		0	-207,066	<b>TRANSFER \$207k to Existing Wakatipu Waste Facilities (Project 001180)</b> This transfer enables consolidation of existing similar budgets into a single line.
<b>Waste Management Total</b>					<b>607,065</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>607,065</b>	<b>0</b>	
33	Storm Water	Property & Infrastructure	000847	Aubrey Rd Rec Reserve SW detention pond	764,723		546,186				1,310,909	546,186	<b>BRING FORWARD \$546k from 23/24</b> This project will deliver package A being the upgrade to a stormwater pipe on Aubrey road that will support a future detention basin at Kellys flat and associated upgrades to the surrounding network. This investment will mitigate flooding issues on Aubrey Road and the consequential impacts on nearby houses and road users. The proposed bring forward will enable partial delivery of this project via the North Wanaka WW Conveyance project, enabling construction efficiencies and avoiding future costs and rework. Construction procurement is programmed for late 2022/early 2023. If approved at ECG and PCG, additional brought forward funding will be sought to implement package B being the Kellys flat detention pond and associated network upgrades to the value of \$2.8M
34			000858	Kingston HIF New Scheme (SW)	3,565,283	-2,051,395					1,513,888	-2,051,395	<b>DEFER \$2.05M to 23/24</b> Design and procurement of the stormwater scheme is being managed by the developer (represented by Hadley Consultants). Detailed design is complete and the earthworks consent has been granted. Construction procurement is underway, with works expected to commence in December 2022.
35			001043	Thompson St Conveyance (SW)	485,569	-400,000					85,569	-400,000	<b>DEFER \$400k to 23/24</b> Indicative modelling suggests the existing Thompson Street stormwater pipe requires upgrading to manage increased volumes. The need for this investment is being validated this year; this work will inform the future timing and cost of required design and physical works.
36			001116	Stone St Upgrades (SW)	4,482,824	-4,284,097					198,727	-4,284,097	<b>DEFER \$4.28M to 23/24</b> This project is intended to divert flows from the Alpha Series development away from Bullock Creek. The proposed solution includes development of a new treatment area at the Wanaka Showgrounds. Detailed design for this solution is on track for completion by December 2022. A value engineering exercise is underway to identify potential mitigations for a significant increase to the forecasted project cost. The need for the investment and the appropriateness of the designed solution is being revalidated following feedback arising through consenting and public engagement activities. In the interim, increased monitoring and regulatory activity will mitigate any potential risks to the receiving environment.
37			001318	SH6 - Glenda Dr Extension (SW)	350,000	-350,000					0	-350,000	<b>DEFER \$350k to 23/24</b> This project provides for the connection of upstream stormwater conveyance to the existing Frankton Flats stormwater infrastructure, fully utilising/realising the benefits of the infrastructure completed in 2019. A component of the project may be delivered/accelerated via the planned NZUP works in the area - the budget provision in the current financial year was to enable this. The NZUP programme has been delayed and accordingly this budget is recommended for deferral.
<b>Storm Water Total</b>					<b>9,648,399</b>	<b>-7,085,492</b>	<b>546,186</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,109,094</b>	<b>-6,539,306</b>	

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38	Waste Water	Property & Infrastructure	000024	Wastewater - Renewals - Queenstown	2,291,565				-650,000		1,641,565	-650,000	<b>TRANSFER \$650k to Reform Stimulus Delivery Plan (Project 001135)</b> The standard renewals programme was reprioritised in the previous financial year to respond to the additional renewals stimulus funding provided by Central Government (refer Project 00135) and ensure full utilisation of the available stimulus funding within the time constraints set. Due to delays experienced through the delivery of the reforms programme funding is required to enable the completion of committed reform projects this FY. The transfer of renewals budgets for this purpose is considered appropriate as the Reform programme largely enabled the acceleration of critical renewals.
39			000561	Marine Parade WWPS upgrades	2,425,051	-1,773,516					651,534	-1,773,516	<b>DEFER \$1.77M to 23/24</b> Components of the Marine Parade Pump Station are beyond recommended design life and require upgrading to ensure the risk of untreated wastewater overflows is sufficiently mitigated. The recommended deferral is due to a project scope change (approved Aug 2022) to relocate the pump station control building to an alternative location within the Reserve. The change in location is in response to feedback from QLDC's Community Services department and a desire to remove the above ground structures from the site line from Earl Street out to Lake Whakatipu. A designation is required to consent the pump station in the new location, and is expected to be publicly notified. Detailed design is now scheduled for completion by December 2022, and construction is estimated to start in July 2023.
40			000625	Project Pure Upgrade (WW)	16,918,192	-1,213,393					15,704,799	-1,213,393	<b>DEFER \$1.21M to 23/24</b> Significant upgrades to Wanaka's wastewater treatment plant 'Project Pure' are underway to cater for increasing demand and improved operational resilience of the plant. The capacity created will cater for approximately ten years of projected demand within the scheme, and for the connection of the Lake Hawea township. Construction is scheduled to conclude in September 2023. The recommended deferral will shift approximately half of the project's contingency into the next financial year to align with forecasted project completion.
41			000779	Hawea Wastewater Management (WW)	457,465		500,000				957,465	500,000	<b>BRING FORWARD \$500k from 23/24</b> A long-term wastewater management solution for Lake Hawea has been identified, and involves piping the wastewater to Project Pure for treatment and disposal. This initiative has attracted considerable financial support from the Government via the Infrastructure Acceleration Fund. Concept design has been completed. The bring forward of budget into this financial year will enable site investigations, planning support, completion of the business case, and commencement of remaining design works.
42			000781	Willow Place WWPS Rising Main upgrade	100,000					-100,000	0	-100,000	<b>SURPLUS of \$100k</b> Project completed under budget. The remaining funding is declared surplus.
43			000892	Project Shotover Plant Upgrade (WW)	6,795,205	-5,054,738					1,740,468	-5,054,738	<b>DEFER \$5.05M to 23/24</b> Significant upgrades to Queenstown's wastewater treatment plant 'Project Shotover' are required to cater for increasing demand. The planned upgrades will include a duplicate treatment reactor and clarifier, and decommissioning of the legacy oxidation ponds. A higher standard of treatment will be achieved as a result. The project is currently in construction procurement. The procurement process will inform an Implementation Business Case that will seek final approval to commence construction. Subject to this approval, construction is expected to commence by May 2023. Commencement of construction has been slightly delayed to allow for completion of the business case and an associated request to increase the project budget (most likely via the 2023/24 Annual Plan process).
44			000909	Kingston HIF New Scheme (WW)	7,031,424	-6,071,969					959,455	-6,071,969	<b>DEFER \$6.07M to 23/24</b> A new wastewater scheme including a treatment plant, trunk conveyance, and pump stations is planned to service new development in Kingston. Construction procurement will commence mid 2023, with works forecast to begin by November 2023. The recommended deferral is due to the time associated with the public notification of the wastewater discharge consent, supplier performance, and the need to resolve the project's funding constraints in order to proceed with certainty.
45			000944	North Wanaka Conveyance (WW)	4,014,480	-1,565,033					2,449,447	-1,565,033	<b>DEFER \$1.56M to 23/24</b> This project enables the diversion of wastewater flows away from high critically lake front pump stations that are nearing capacity and caters to growing demand from North East Wanaka. The project is being delivered in two stages; (1) Aubrey Road conveyance, and (2) Beacon Point Rd Pump Station. Stage 1 is progressing well, with construction underway and on track for completion by June 2023. Consenting for Stage 2 is forecast to take longer than anticipated - giving rise to the recommended deferral.
46			001064	Frankton Beach to Shotover Conveyance (WW)	1,409,860	-1,409,860					0	-1,409,860	<b>DEFER \$1.41M to 24/25</b> Additional capacity is required to convey increasing wastewater flows from Frankton Beach pump station to Project Shotover. Recent remedial and maintenance activities on the existing pipeline mean a small delay to this initiative is possible, providing time for QLDC to develop a more holistic and integrated plan for the long-term infrastructure needs of the area. Early stage planning will occur via the Queenstown Priority Growth Corridors initiative (Project 001319) in 23/24, and accordingly this project's budget is proposed for deferral to the following financial year.

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47			001261	Biosolids Disposal (WW)	300,000	-300,000					0	-300,000	<b>DEFER \$300k to 24/25</b> The district's biosolids (a by-product of the wastewater treatment process) are presently trucked to another region for landfill disposal. This budget was established to explore alternative management options. It is likely the incoming 3W Entity will seek to manage biosolids on a larger scale, and accordingly it is considered prudent to defer this investigation for alignment with the transition of services.
48			001315	Fryer St-Rec Ground PS Retic Upgrade(WW)	75,000		91,500				166,500	91,500	<b>BRING FORWARD \$92k from 24/25</b> Capacity upgrades to the wastewater network along the Gorge Road corridor are required to support growth. A design and business case provider has been contracted, for which further funding is required this financial year. The total project budget is expected to fund detailed design and ancillary planning activities. The timing and quantum of an implementation budget will be determined through the business case and requested via an upcoming Annual or Ten Year planning process.
<b>Waste Water Total</b>					<b>41,818,241</b>	<b>-17,388,508</b>	<b>591,500</b>	<b>0</b>	<b>-650,000</b>	<b>-100,000</b>	<b>24,271,233</b>	<b>-17,547,008</b>	
49	Water Supply	Property & Infrastructure	001228	Albert Town Retic Improvement (WS)	1,787,000		148,715				1,935,715	148,715	<b>BRING FORWARD \$149k from 23/24</b> Upgrades to the Albert Town reticulation network will improve pressure and fireflows. The project is being delivered as part of the North Wanaka Conveyance Scheme (WW), enabling construction efficiencies and avoiding future costs and rework. Construction is on track for completion by June 2023.
50			001242	Beacon Point Intake & Rising Main (WS)	652,000	-602,000					50,000	-602,000	<b>DEFER \$602k to 23/24</b> Beacon Point is the main water supply intake for the Wanaka scheme (supplemented by a Western intake). Upgrades to the intake and associated rising main are required to increase capacity and improve operational resilience. Planning for this important upgrade is occurring as part of (and funded through) the Wanaka Water Treatment initiative described in the row above (Project 001192). The deferred amount will be utilised for asset-specific design and other related planning activities next financial year. The remaining 22/23 budget funds the final invoice for an initial feasibility assessment that has been completed.
51			000518	Beacon Point New Reservoir (WS)	5,905,322	-445,128					5,460,194	-445,128	<b>DEFER \$445k to 23/24</b> This project will significantly increase treated water storage for the Wanaka scheme by adding a second reservoir next to the existing. The construction contract has been awarded to Fulton Hogan and work is scheduled to commence in November 2022. The recommended 22/23 budget has been realigned to the contract and contractor's programme.
52			000756	BP Roundabout - Kawarau Bridge Retic(WS)	750,000	-600,000					150,000	-600,000	<b>DEFER \$600k to 23/24</b> Installation of a water supply main between the BP Roundabout and Kawarau Bridge will enable the completion of a ring main, improving operational resilience within the network. It is expected that a component of this project will be completed via the NZUP BP Roundabout works package. Until certainty of the NZUP scope and timing is received, it is proposed that the corresponding budget be deferred. Remaining 22/23 funding will support ongoing/arising design activity via NZUP.
53			000369	Capell Ave Watermain Extension (WS)	931,796	-931,796					0	-931,796	<b>DEFER \$932k to 23/24</b> Increased water supply capacity is required to service new development areas in Hāwea. The project involves the installation of a new watermain in Cemetery Road and the unformed component of Capell Avenue. It is preferable for the project to be completed in conjunction with the extension of Capell Avenue (Project 001258). Accordingly implementation has been delayed while negotiations regarding the roading component remain ongoing.
54			000330	Cardrona Water Supply Scheme (WS)	8,055,752	-5,000,000			-1,950,000		1,105,752	-6,950,000	<b>DEFER \$5,000M to 23/24 &amp; TRANSFER \$1.95M to Cardrona Water Supply new Pipeline (New Project)</b> This budget supports implementation of a new water supply scheme in Cardrona (as recently consulted on). QLDC will directly deliver a new water supply pipeline associated with the scheme, with the balance of works to be delivered by the developer. This budget is for costs associated with developer-led works, with a new project budget to be established for the QLDC-delivered pipeline. On 1 September 2022, Council resolved to establish a new project budget for the pipeline component of the scheme, with funding to be established by way of a \$1.95m transfer from this Cardrona Water Supply Scheme budget. This reforecast gives effect to the decision of Council. It is recommended that \$5M of the remaining 22/23 budget be deferred to the next financial year when payment to the developer is due. The residual 22/23 budget is required to meet ongoing internal and professional costs associated with the establishment of the scheme.
55			New	Cardrona Water Supply Scheme Pipeline (WS)	0				1,950,000		1,950,000	1,950,000	<b>TRANSFER \$1.95M from Cardrona Water Supply Scheme (project 000330)</b> As noted in the commentary provided for 'Project 000330: Cardrona Water Supply Scheme' above, the establishment of this project budget gives effect to Council's resolution of 1 September 2022. The budget will provide for QLDC delivery of a water supply scheme that will enable the new water supply scheme, and is programmed for completion in the current financial year.
56			001075	Demand Mgt - Arrowtown (WS)	83,150	-41,500					41,650	-41,500	
57			001251	Demand Mgt - Arthurs Point (WS)	27,883	-14,000					13,883	-14,000	<b>DEFER \$337k to 23/24</b>
58			001284	Demand Mgt - Glenorchy (WS)	26,883	-13,500					13,383	-13,500	The district experiences very high water usage rates relative to the national average. A demand management programme is being designed to reduce usage rates. The programme is expected to include water meters, data-as-a-service, and science-based behaviour change initiatives. Implementation timeframes have been rephased to provide for metering trials (currently underway in Glenorchy and Luggate) to inform the final design of the programme.
59			001233	Demand Mgt - Hawea (WS)	55,166	-27,500					27,666	-27,500	
60			001074	Demand Mgt - Lake Hayes (WS)	85,650	-43,000					42,650	-43,000	
61			001195	Demand Mgt - Luggate (WS)	30,084	-15,000					15,084	-15,000	
62			001084	Demand Mgt - Queenstown (WS)	181,093	-90,500					90,593	-90,500	

Item	Programme	Directorate	Project Code	Project Description	2022-23 Budget	Deferral	Brought Forward	Increase / Decrease	Transfer	Surplus	2022-23 Recommended Budget	Total Change	Reforecast Comments
63			001085	Demand Mgt - Wanaka (WS)	182,623	-91,500					91,123	-91,500	
64			000361	Glenorchy Reservoir Upgrade (WS)	1,573,065		150,778	2,002,498			3,726,341	2,153,276	<b>NEW FUNDING of \$2.00M + BRING FORWARD \$151k from 23/24</b> The existing Glenorchy reservoirs are in very poor condition and beyond end of life. A long term solution has been fully designed, the project has been consented, and new reservoirs have been procured and are awaiting installation. A total budget increase of \$2m is required to fund the estimated total cost of construction. This increase will be offset by commensurately reducing the Fernhill Reservoir Access budget via the 2023/24 Annual Plan process.
65			000940	Glenorchy WTP (WS)	450,000	-300,000					150,000	-300,000	<b>DEFER \$300k to 23/24</b> Glenorchy requires a new water treatment plant to ensure ongoing compliance with current drinking water standards/incoming regulations. By the end of the calendar year, design will be completed and a consent application lodged. The remaining budget is recommended for deferral to align with the forecast construction period.
66			001190	Hāwea Reservoir Capacity (WS)	0		250,000				250,000	250,000	<b>BRING FORWARD \$250k from 25/26</b> A business case to inform the long-term investment needs for Lake Hāwea's water supply scheme is underway. Additional budget is required this financial year to enable this important planning activity to continue. Hāwea's water supply scheme has attracted some financial support from Central Government via the Infrastructure Acceleration Fund.
67			000930	Kingston HIF New Scheme (WS)	6,488,204	-5,327,649					1,160,555	-5,327,649	<b>DEFER \$5.33M to 23/24</b> Detailed design of the scheme is complete, with Stage 1 ready for construction procurement (Stage 1 includes construction of a new water treatment plant, reservoir, and rising and falling water supply main). Construction of the water treatment plant has been delayed to provide for water quality testing to occur following completion of the bore head (October 2022). It is expected water treatment plant construction will commence in Q4 of the current financial year.
68			001259	Luggate Reservoir Capacity (WS)	431,323			-200,000			231,323	-200,000	<b>TRANSFER \$200k to Luggate Water Supply Scheme (Project 000905)</b> This budget provides for early enabling works for a future Luggate reservoir project (programmed beyond the current Ten Year Plan funding period). The total funding available is more than required for the enabling activities, and accordingly it is recommended that the surplus budget be transferred to support the near-term improvements planned for Luggate's water supply scheme (Project 000905).
69			000905	Luggate Water Supply Scheme (WS)	3,109,252	-2,640,788		200,000			668,464	-2,440,788	<b>DEFER \$2.64M to 23/24 &amp; TRANSFER \$200k from Luggate Reservoir Capacity (Project 001259)</b> Investment in a new water source/intake and treatment arrangements is required to ensure the Luggate Water Supply scheme is compliant with current drinking water standards/incoming regulations. Detailed design is underway, with construction for this project forecast to commence in June 2023. Accordingly, budget to support construction is recommended for deferral. Interim enabling activities this financial year include the relocation of the existing tank farm and acquisition of future reservoir land.
70			000280	Shotover Country New WTP (WS)	2,731,947			1,046,197			3,778,144	1,046,197	<b>NEW FUNDING of \$1.05M</b> Construction of a new water treatment plant for the Shotover Country Borefield is underway to ensure compliance with drinking water standards/incoming regulations. Contract completion is scheduled for October 2022. Further assessment of network integration (Project 001209) is required before the plant can be connected to the network. This project has experienced considerable delays and contract variations that have increased the cost to complete. New funding is requested as an appropriate offset cannot be found at this time.
71			001209	SOC Bores Integration (WS)	206,865		545,437				752,302	545,437	<b>BRING FORWARD \$545k from 23/24</b> The Kelvin Heights water supply scheme is serviced by a localised lake intake. This budget will integrate the Kelvin Heights reticulated network with the Shotover Country Borefield supply, ensuring compliance with drinking water standards/incoming regulations. The project is being delivered in conjunction with the Shotover Country New WTP (Project 000280).
72			000875	Two Mile new Water Treatment Plant	1,500,000	-1,300,000					200,000	-1,300,000	<b>DEFER \$1.30M to 23/24</b> The Queenstown water supply scheme is serviced from a lake intake at Two Mile. An increased standard of treatment is required for this intake to ensure compliance with current drinking water standards/incoming regulations. Some workstreams within this project have been on hold while treatment technologies have been trialled to inform the selection of a preferred methodology for the district's surface water intakes - this has resulted in the recommended deferral. A technology has now been selected, with concept design services to be tendered this financial year. Work to understand and secure necessary planning permissions remains ongoing.

Item	Programme	Directorate	Project Code	Project Description	2022-23 Budget	Deferral	Brought Forward	Increase / Decrease	Transfer	Surplus	2022-23 Recommended Budget	Total Change	Reforecast Comments
73			001192	Wanaka Water Treatment (WS)	3,622,239	-2,372,239					1,250,000	-2,372,239	<b>DEFER \$2.37M to 23/24</b> An increased standard of treatment is required to ensure the Wanaka water supply scheme is compliant with current drinking water standards/incoming regulations. In addition to treatment upgrades, this budget also extends to other infrastructure required to convey treated water to the point of supply. Some workstreams within this project have been on hold while treatment technologies have been trialled to inform the selection of a preferred methodology for the district's surface water intakes - this has resulted in the recommended deferral. A technology has now been selected, with concept design services to be tendered this financial year. In addition to concept design, the recommended 22/23 budget also funds comprehensive investment planning activity for the Wanaka water supply scheme that will culminate in both a Programme and Detailed Business Case this financial year (commissioned). Work to understand and secure necessary planning permissions, acquire land, and complete early enabling earthworks remains ongoing.
74			000941	Western Wanaka Level of Service (WS)	4,752,940	-885,780					3,867,160	-885,780	<b>DEFER \$886k to 23/24</b> Infrastructure upgrades are required to improve levels of service in Western Wanaka. This project provides for a new water supply pipeline along Golf Course Road (one component of a planned conveyance route from Beacon Point). Construction is scheduled for completion in December 2022. Agreed scope changes to include delivery of other parts of the ultimate conveyance route (to be funded from the project's forecast surplus) have been approved, and accordingly the timeframe to complete the project will now extend into the next financial year.
				<b>Water Supply Total</b>	<b>43,620,336</b>	<b>-20,741,880</b>	<b>1,094,930</b>	<b>3,048,695</b>	<b>0</b>	<b>0</b>	<b>27,022,081</b>	<b>-16,598,255</b>	
				<b>Total changes include above</b>	<b>130,924,131</b>	<b>-49,910,135</b>	<b>8,236,659</b>	<b>8,422,320</b>	<b>0</b>	<b>-100,000</b>	<b>97,572,975</b>	<b>-33,351,157</b>	
				<b>QLDC Total</b>	<b>265,939,171</b>	<b>-49,910,135</b>	<b>8,236,659</b>	<b>8,422,320</b>	<b>0</b>	<b>-100,000</b>	<b>232,588,015</b>	<b>-33,351,157</b>	

**Movement by Directorate**

Property & Infrastructure Total	125,825,302	-49,077,706	5,545,882	8,422,320	0	-100,000	90,615,798	-35,209,504
Community Total	3,901,837	-582,429	2,690,777	0	0	0	6,010,184	2,108,348
Corporate Total	1,196,992	-250,000	0	0	0	0	946,992	-250,000