



# Annual Report 2020-2021



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Chief Executive, Sarah Gardner and Chair, Andrew Noone keeping a safe distance in Level 2 during the COVID-19 pandemic.

# Message from the Chair and Chief Executive

If there's one thing we can rely on these days, it's that change is a constant, and the Otago Regional Council has needed to be agile in our response to change over the last year. We continue to gear up in expertise and resource as we drive our work forward to support a healthy, sustainable environment in Otago.

Our year began with a change in the Council, as Cr Andrew Noone replaced Cr Marian Hobbs as Chair in July 2020.

Our staff and communities have been resilient in their response to the shifting circumstances of the COVID-19 pandemic.

Significant government reforms also continue to impact our work programme. A lot of our activity is driven by central government, and these changes affect how we prioritise issues, distribute resources and make local decisions for Otago.

Planning for water reforms has had a big impact on our resourcing, planning, and community engagement. We are looking forward also to the local government reform package and resource management reform.

Throughout the year, Council made various decisions to invest in additional staff and to spend money where opportunities arose through COVID-19 recovery, like the 'Shovel Ready' climate resilience projects. Extra staff resource not included in the Annual Plan became necessary due to freshwater reform in 2020.

One of our roles is to create and uphold regional plans that set out how natural and physical resources are best managed in Otago. To achieve this, our Regional Plan: Water for Otago promotes the sustainable management of water using policies and methods to address freshwater use, development and protection.

'Quick-fix' changes to our Water Plan were progressed this year as interim measures to improve Otago's water quality while we work on a new Land and Water Regional Plan. We proposed two plan changes: Plan Change 7 (Water Permits) and Plan Change 8 (Water Quality), as well as a third plan change to the Regional Plan: Waste for Otago; Plan Change 1 (Dust Suppressants & Landfills). In April 2020 the Minister for the Environment the Hon. David Parker, at our request, 'called-in' the proposed plan changes and referred them to the Environment Court for decisions. These plan change processes have taken up substantial staff and legal counsel time in 2020-21.

We continue to develop and strengthen our programmes for effective water management, safe and secure communities in the face of climate change, urban development, and Otago's biosecurity and biodiversity.

Our science capabilities and capacity in freshwater have grown over the past year as we continue to bolster 'on the ground' action related to Otago's natural environment. A key part of our work has been developing an integrated freshwater management unit (FMU) based research programme. We've taken on 16 more staff to manage regulatory processes relating to water and succeeded in processing all resource consents received within required timeframes.

Our work in biodiversity and biosecurity forges ahead as we finished mapping biodiversity sites (across public and private land) and prioritising these for active management, in keeping with the requirements of our Biodiversity Action Plan. This is a critical database for future work.

We're leading the Head of Lake Wakatipu natural hazards adaptation project — a strategic and holistic approach to address natural hazards issues for the longer term and to consider future climate change, landscape changes, and multiple natural hazards. The approach is a blueprint for community-led decision making in areas affected by natural events and climate change, and incorporates the values and views of the local community and other project stakeholders and partners.

We're also making good progress in public transport. Over the past year, patronage of public bus services in Dunedin has increased, despite the disruptions of COVID-19. Dunedin is the only network in New Zealand where patronage rates are higher than they were in pre-COVID times. Overall public satisfaction with our Orbus services scored at 94% in Dunedin and 96% in Wakatipu in surveys taken in July and May 2021 respectively.

Gaining central government funding to support our vital flood protection and river management work has been a welcome boost. We have been awarded \$5.4 million from central government's Climate Resilience Fund for four flood resilience projects in Otago — to update, upgrade and restore infrastructure at West Taieri, Riverbank Road, Robson Lagoon (Lake Tuakitoto Wetland) and Outram.

We were also successful in accessing over \$960,000 from the Department of Conservation's Jobs for Nature fund towards a three-year project for pest plant control on high value biodiversity QEII covenant land in Otago.

On an internal note, in June 2021 Port Otago, who are 100% owned by Otago Regional Council, bought the former Warehouse Group building in central Dunedin to be our new head office. The site will be repurposed over the next two years and fulfils our requirements to host public-facing, office, and operational activities at one location. It includes infrastructure for electric fleet vehicles and will provide greater business continuity in the event of a disaster.

Strong relationships with our iwi partners, communities and stakeholders are fundamental to achieving our goals for Otago's environment. We're committed to solidifying our relationship with Kai Tahu. Mana to Mana, the rōpu of councillors and Otago rūnaka chairs, has met regularly in 2020-21, consolidating our iwi partnership at a governance level.

Otago Regional Council is continuing to evolve and respond as we support Otago communities through changes of all kinds. Good quality relationships with common goals mean we're moving forward together building resilience to achieve the best possible outcomes for our environment and people.

Sarah Gardner
CHIEF EXECUTIVE

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Andrew Noone

## **Acknowledgements**

We thank the district and city councils, partner institutions, urban and rural industries, Kāi Tahu and the communities of Otago for working constructively with us to ensure the best possible outcomes for the Otago region and people.

River Leith outlet, Dunedin 🛇





Back row (L-R): Marian Hobbs, Carmen Hope, Bryan Scott, Michael Deaker, Kevin Malcolm, Gretchen Robertson, Kate Wilson. On couch (L-R): Alexa Forbes, Michael Laws (Deputy Chair), Andrew Noone (Chair), Hilary Calvert, Gary Kelliher.

# Councillors and their constituencies

Your elected Otago Regional Councillors represent the region's four constituencies - Dunedin, Dunstan, Moeraki and Molyneux.

# **Dunedin** constituency

There are six councillors who represent the Dunedin constituency.

Dunedin is comprised of central Dunedin and the Waikouaiti Coast, West Harbour, Otago Peninsula and Saddle Hill community board areas located within the Dunedin City territorial area.

Cr Marian Hobbs

Cr Hilary Calvert

Cr Gretchen Robertson

Cr Bryan Scott

Cr Michael Deaker

**Cr Andrew Noone** 

# Dunstan constituency

There are three councillors who represent the Dunstan constituency.

Dunstan is comprised of the Central Otago District and Queenstown Lakes District territorial areas.

Cr Alexa Forbes

Cr Gary Kelliher

Cr Michael Laws

# Moeraki constituency

There is one councillor who represents the Moeraki constituency.

Moeraki is comprised of the Otago portion of Waitaki District territorial area, being part of the Ahuriri and Corriedale wards, and the entirety of the Oamaru and Waihemo wards.

Cr Kevin Malcolm

# Molyneux constituency

There are two councillors who represent the Molyneux constituency.

Molyneux is comprised of the Clutha District territorial area and the Mosgiel-Taieri and Strath-Taieri community board areas located within the Dunedin City territorial area.

Cr Carmen Hope

Cr Kate Wilson

# **Community Outcomes**

The community outcomes below were set out in the Council's 2018-28 Long-term Plan. These identify desired results that the Otago Regional Council has sought to achieve.

The delivery of our significant activities contributes to:



#### A healthy environment:

A place where people can enjoy their environment safely, productively and respectfully



#### A connected community:

Service delivery that puts the community first and ensures that the operations are customer driven, efficient and fit-for-purpose



#### An engaged and proud community:

Communities empowered to be the champions and custodians of their environment in Otago



#### A strong economy:

A region that prioritises sustainability as an economic measure whilst being attractive to industry



## A future-proof region:

A region that is prepared for the future environmental challenges and that retains the characteristics that make Otago a great place for everyone

Bob's Cove, Queenstown 👽



# **Summary of Service Performance**

ORC's performance is reported against the service measures adopted in our Long-term Plan 2018-28 and updated in our subsequent Annual Plans. Our work occurs across 12 significant activities and each of these has levels of service and associated performance measures and targets indicating how well we deliver services to the community.

Our 12 significant activities are in six groups:

#### **Environmental**

- Freshwater implementation
- · Biodiversity and biosecurity
- Air
- · State of the environment reporting



## Regional leadership

- Governance and community engagement
- Regional planning and urban development strategy



## Regulatory

• Consenting, monitoring, investigations and enforcement



# Flood protection and river management

- Flood and drainage schemes
- · Rivers and waterway management



## **Safety and hazards**

- Civil Defence and Emergency Management
- Natural hazards and climate change adaptation



## **Transport**

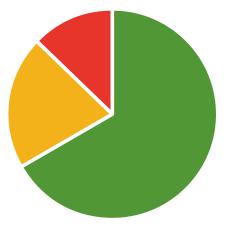
 Transport Planning and Public Passenger Transport



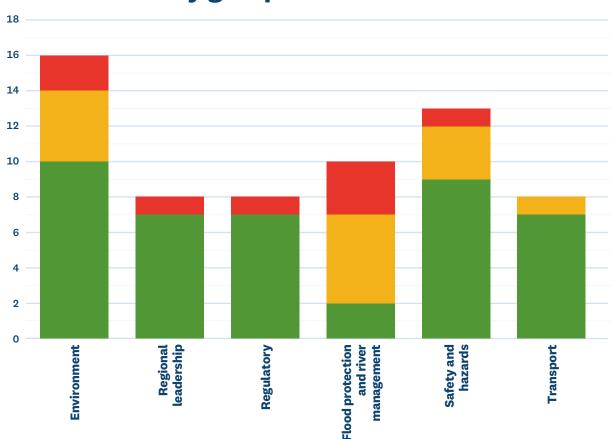
The full audited Annual Report 2020-21 contains further details on each measure, target and performance against each for the period. Copies are available on our website **www.orc.govt.nz** or by calling our customer experience team.

The Annual Plan 2020-21 contained 63 non-financial service performance targets that were monitored and reported on. Of these we:

- for 42 measures (GREEN)
- partially met the target for 13 measures (AMBER)
- **3** did not meet the target for 8 measures (RED)



## Performance by groups of activities



## **Key for performance results**



# Environmental

Outram Glen, Taieri River 🛇



# **Freshwater implementation**

Partnering with communities and strengthening our science capacity and capability to meet the challenges of managing and protecting Otago's freshwater have been a clear focus in 2020-21.

# Performance Results:







We've met all but two of our seven performance targets in Freshwater this year.

An increase in resources for our science team is boosting our work on strategies and actions to effectively maintain and improve Otago's water quality. We are establishing an integrated science programme based on freshwater management units (FMU) to inform the new Land and Water Plan. This research programme is examining aspects of our region's freshwater resources including habitat studies, contaminant reduction scenarios, groundwater data, surface water quality and soil attributes. It will continue to build our local knowledge and data, feeding information into plans to meet national regulatory requirements.

Across our FMUs, we've assessed water quality at 106 river sites and 8 lake sites. Most sites retained the same quality grade as 2019-20.

We have strengthened our partnership with local catchment groups and formalised our support for their long-term sustainability. ORC provided support to establish Otago Catchment Communities (OCC) — an overarching organisation to provide facilitation, administrative and project support to catchments. An Otago regional coordinator and an Otago catchment communities coordinator were appointed.

We also support catchment groups in other areas as we partner to deliver environmental outcomes and objectives: through participation in meetings, technical advice, funding and assistance with water quality sampling, and through support for specific projects.

We've made progress in developing and implementing a work programme to manage the Lake Hayes' water quality and flood hazard. This includes community conversations with Friends of Lake Hayes, the Lake Hayes community, iwi and other stakeholders to review and develop a work programme. It includes developing the Wai Whata Ata/Lake Hayes Strategy 2021-2026, and scientific work with NIWA to explore augmentation implementation options. We've begun implementing actions related to Plan Changes 1 and 8, and created an Action for Health Waterways implementation plan. However, these are paused as we wait for Environment Court decisions.



# **Biodiversity and biosecurity**

We need to look after the unique species for which Otago is home. We share community aspirations to protect our region's indigenous plants and wildlife, so we're building strong foundations in biodiversity and biosecurity.

# Performance Results:







In 2020 we completed ecosystem mapping work and ecological prioritisation of sites for active management, including mapping significant habitat for 22 plant species. This is an important step to prioritise protection and support Otago's plants and animals.

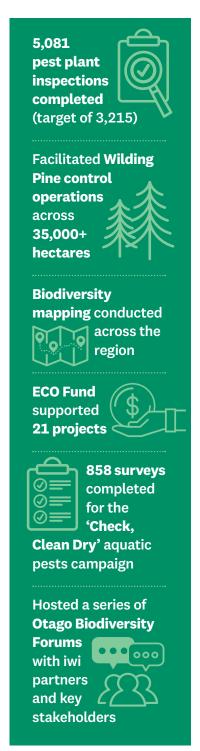
Much of our work in biodiversity and biosecurity has been developmental. It includes raising engagement with iwi and communities, as well as technical activities to improve our capabilities. This work has been spurred on by the appointment of a partnership lead in biodiversity and establishment of a Biodiversity Working Group.

Council has initiated a regional partnership with mana whenua and public sector agencies to advance indigenous biodiversity outcomes across the region. We are working together to scope a regional biodiversity strategy and to identify collaborative biodiversity projects. We hosted Otago biodiversity forums with iwi partners and key stakeholders in Alexandra and Dunedin.

While we've implemented our Biodiversity Strategy and Action Plan, we didn't fully meet our targets and timeframes. This is work in progress as we keep strengthening our iwi, community and agency partnerships.

In pest management we've been transforming our Biosecurity activities, reworking our compliance activities, systems and processes. We reviewed our Biosecurity Operational Plan, which was approved by council in June 2021. In some areas of our Biosecurity work we exceeded service targets, in others these were not fully met. We've exceeded our targets for rabbit inspections and pest plans, and we are leading work to establish community responses to rabbit management in Lake Hayes, Albert Town and Gibbston, and planning for action in other areas.

Our ECO Fund continues to support community-led projects across Otago to protect and enhance the environment. We allocated the agreed funding of \$250,000 across 21 projects over two funding rounds in 2020-21. Projects span Otago and cover a diversity of environmental enhancement objectives such as wetland restoration, possum control strategies and reforestation of wasteland. In addition to the ECO fund, we contributed financially to Predator Free Dunedin, Orokonui Ecosanctuary and Wakatipu in the Wild.



In our Wilding Conifer programme an increase in government funding has seen a surge in activity; we've facilitated funding and overseen delivery to enable control operations across 35,000ha in Central Otago and Wakatipu areas.

Additionally, Council has successfully gained funding from the Department of Conservation for a project called "Maintaining the Gains", which seeks to protect and restore indigenous biodiversity on QEII National Trust covenanted land in Otago.



Crown Range, Queenstown Lakes 🔕



# Air

Monitoring, compliance, and communications and engagement have been our key activities relating to air quality in 2020-21.

#### **Performance Results:**







As part of the long-term planning process, Council delayed a review of our Air Implementation Programme. The decision was difficult and reflected an understanding that the community must have confidence that spending to improve air quality will achieve desired results. To achieve that confidence Council needs to review the underpinning Air Strategy and the Regional Plan: Air. ORC has committed to this and preliminary work is underway.

We are aware that there is no one simple solution, and we need to learn from other approaches, taking a co-ordinated response that will continue to warm homes while improving air quality. This means, for example, that funds for subsidising the installation of clean burning technology under the 'Clean Heat Clean Air Programme' were not replenished.

We're responsible for making sure Otago complies with the National Environmental Standard for Air Quality and controlling the discharge of contaminants to air under the Resource Management Act 1991. This year, Council's work on air focussed on region-wide monitoring during winter, the results of which will help inform the Regional Plan - Air review.



Water sampling - Clutha River at the Lake Wanaka outlet  $\, igordrel \,$ 

# State of the environment reporting

We collate data on the well-being of Otago's environment and reported through State of the Environment Reporting processes. These monitoring and reporting programmes inform our environmental policy, implementation and regulatory activities.

We've provided high quality and timely environmental information, indicators and advice to key decision- makers and the community. We presented annual monitoring reports to Council that provided information on the state and trends in our environment.

# Performance Results:







#### AMBIENT AIR MONITORING

Annually, four monitoring stations (plus an additional three winter sites) continually measure the level of particulate matter less than 10 microns (PM10) in the air. Data is available to the public and any measures over and above the National Environmental Standard concentrations during the winter months are reported through the media.

This year selected monitoring sites have been upgraded, with new instruments in Arrowtown, Clyde, Cromwell and Milton. This equipment will enable better analysis of data and provide a clearer picture of air quality, in preparation for the Air Plan review and upcoming changes to national standards.

#### WATER QUALITY AND QUANTITY MONITORING

We monitor water quality and/or quantity at more than 130 sites across Otago: 110 river sites and 22 sites and depths at nine lakes. Measures include rainfall, flow, water level, groundwater and water quality attributes.

In April, we presented a significant study on river and lake water quality. This reported on the water quality on a site-by-site basis and relative to nationwide targets specified in the National Policy Statement for Freshwater Management 2020. These results and future data will support Council and the community to implement water quality improvement initiatives as well as inform our new Land and Water Regional Plan (LWRP), enabling us to set limits and prepare action plans to achieve LWRP outcomes.

#### **GROWTH OF ENVIRONMENTAL MONITORING PROGRAMMES**

Council has been developing and expanding our monitoring programmes in coastal and estuarine environments, groundwater and biomonitoring. Monitoring of macroinvertebrates and periphyton occurred at 33 sites across Otago and our coastal monitoring work included scoping to map marine biodiversity. Finescale monitoring for estuaries occurred and work to design, develop and report on sediment monitoring for Otago's estuaries is on track. A groundwater report presented in March highlighted key findings for Otago. The report also identified a range of potential measures to improve Council's monitoring programme, public awareness, and the protection of groundwater quality.

#### **AQUARIUS PROJECT**

Environmental data underpins a significant part of Council's work and behind the scenes we carried out a project to revolutionise how we manage our environmental data. The new Aquarius platform will become the backbone of our public-facing environmental information. The initial stages of the project have been delivered within agreed timeframes and under budget.

Expanded monitoring programme now includes coastal and estuarine environments, groundwater and biomonitoring

98% of water monitoring data was captured



Air quality monitoring site upgrades completed in Arrowtown, Clyde, Cromwell and Milton

Summer recreational water quality monitoring conducted weekly at 25 popular swimming spots around Otago



Air quality monitoring conducted at four continuous

and **four winter only** monitoring sites

90% of data captured had a quality code of fair or better

# Regional leadership



# Governance and community engagement

We support informed decision making and an engaged community through governance and community engagement activities. In 2020-21 we've worked hard to deliver more and achieved a lot.

# Performance Results:







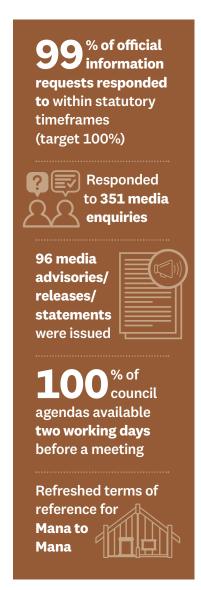
Councillor Andrew Noone became the Council's new Chair in July 2020 after a Council meeting voted out the previous chair. After a review, a new committee structure was implemented, and two new committees established: the Data and Information Committee and the Implementation Committee.

Council held 17 meetings, 26 committee meetings and four subcommittee meetings in 2020-21. Meetings were held in Dunedin, Cromwell, Oamaru and Queenstown. Work to support the Council governance team continued at a sustained pace during the year, and included support around Council priorities such as the Regional Policy Statement, Strategic Directions, and the Long-term Plan.

Mana to Mana, the rōpu of councillors and Otago rūnaka chairs met regularly in 2020-21. Strengthening our governance-level partnership with iwi has been vital to support the significant amount of staff work throughout the organisation. Mana to Mana has refreshed its terms of reference — demonstrating its members' commitment to the partnership.

We continue to encourage community participation in our decision-making and key communications during the year included the launch of Bee Card, community consultations on the Long-term Plan, Regional Public and Land Transport Plans, and the setting of freshwater visions. We have also enhanced our strategic framework for communications and engagement, enabling timely access to information and facilitating two-way conversations through good communications.

Submitting on resource consents, particularly large consents such as Variation 2 Dunedin City 2GP, is resource hungry and draws on experts from across ORC. This year there was a significant volume of work providing technical support for land use consents, including appeals on the Queenstown Lakes District Plan review and the Dunedin City 2GP.



# Regional planning and urban development strategy

Establishing and maintaining a robust, integrated, and consistent environmental planning framework is our over-arching goal.

# Performance Results:







It's our top priority — managing Otago's freshwater and land resource. To do this well we need robust, integrated and consistent regional plans and strategies to frame, direct and prioritise our work. In 2020-21 we met our service targets to achieve this.

We're moving forward with our planning activities although the need to coordinate our plans with national regulatory changes means there is still plenty of work to do.

This year we've made a major step towards implementing a fit for purpose planning framework to manage Otago's freshwater. After direction from the Minister for the Environment, we've reviewed Otago's Regional Policy Statement (RPS), with notification in June 2021. This was no mean feat with a tight timeframe representing considerable commitment from our teams.

The RPS is Otago's founding document for regional and district plans, guiding the future management of our natural and physical resources. It sets out what we want for Otago, identifies what stops us achieving this and how we could create solutions, as well as seeking to address desired community outcomes.

Preparing Plan Changes 7 and 8 to our Regional Plan: Water, and Plan Change 1 Regional Plan: Waste was time-consuming for our teams and legal counsel. These plan changes were 'called in' by the Minister for the Environment and ORC was responsible for the unbudgeted costs of these processes. In particular the extent of the hearing into Plan Change 7 (relating to water permits) was unexpected.

We've finished a review of the Regional Plan: Waste. The review of the Regional Plan: Air was reprioritised and is due for completion in 2024, with preparatory work getting underway in 2021.

Urban development is an emerging issue for Otago with activity in Queenstown and Central Otago projected to increase. Our work in this area is gearing up and we continue to strengthen relationships with Otago's territorial authorities. We are progressing the development of an urban work programme, and met our service target to develop an Urban Development Strategy with key partners.



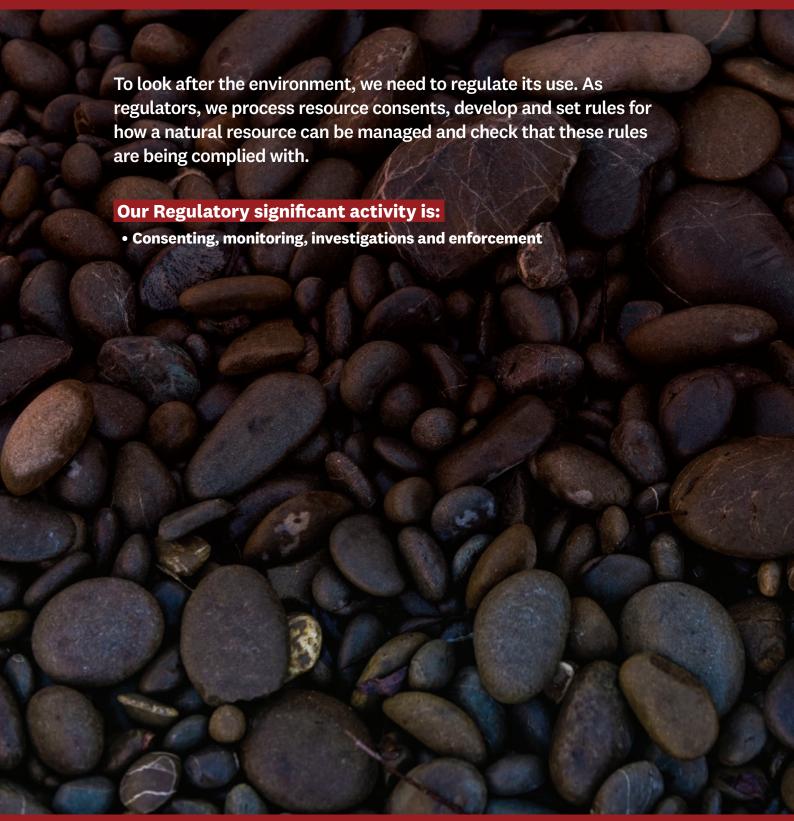
The Urban team supported the RPS review including QLDC's Future Development Strategy, Dunedin City area's rezoning work and Waitaki District Council's urbanfocused growth strategy. We also produced our first two quarterly monitoring reports as required by the National Policy Statement on Urban Development 2020.

The Government is yet to gazette the National Policy Statement for Highly Productive Land. This means our assessment of highly productive land is yet to be completed.

This year we also developed Strategic Directions to further strengthen our sustainable management of Otago's natural resources on behalf of our communities. These document our vision, mission and informed development of the Long-term Plan (LTP), supporting ORC to articulate and focus on long-term outcomes with our communities and stakeholders.



# Regulatory



# Consenting, monitoring, investigations and enforcement

Our regulatory work supports the sustainable management of Otago's natural resources and many of our community outcomes.

# Performance Results:





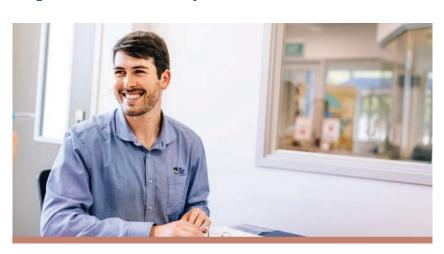


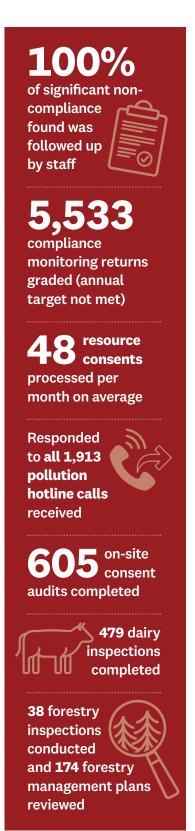
2020-21 has been a busy year. We processed on average 48 resource consents per month, compared with 37 per month in 2019-20. In spite of this increased workload, our Consent teams met our performance target in this area, processing all resource consents within legislative timeframes.

This increase in resource consents largely relates to expiry of deemed and water permits in 2021, new consent requirements relating to the new National Environmental Standard for Freshwater, and Plan Change 8 of the Regional Plan Water.

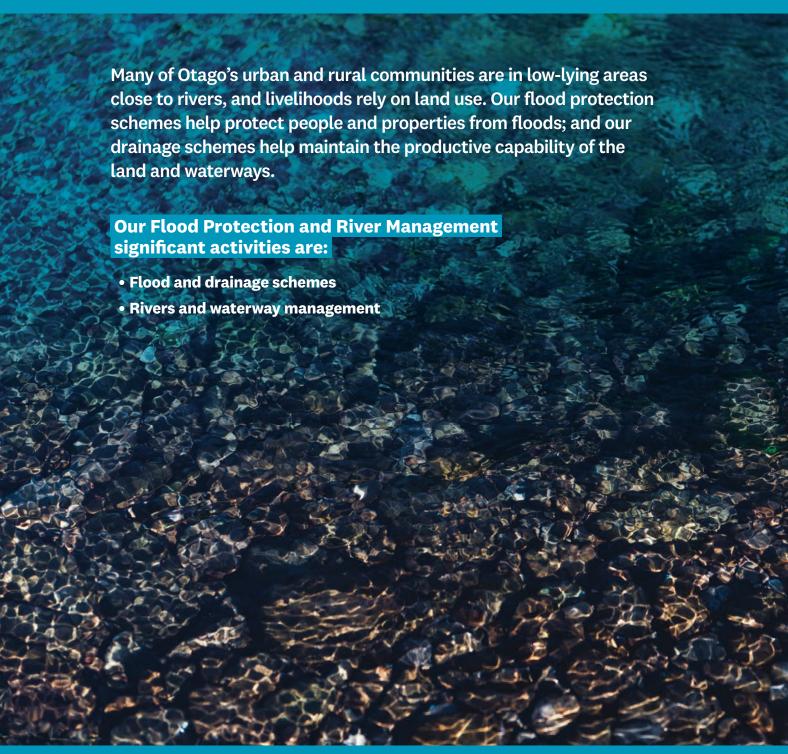
We've improved our internal processes to increase efficiencies and decrease processing costs, provided better information about the consent process on our website. We talked with communities and catchment groups about the Action Plan for Healthy Water.

We weren't able to meet our performance target of 85% for assessing consent holders' performance monitoring data. However, processing rates have improved from 2019-20. We performed highly in other areas of our regulatory work and our performance met service targets. We followed up on all noncompliance incidents (completing 605 on-site consent audits), maintained our 24-hour/7 day a week response to environmental incidents (receiving 1,610 service requests and responding to 257 complaints or enquiries about hazardous activities), completed appropriate response training for staff and contractors, and responded promptly and appropriately to any major incidents on Otago harbours and waterways.





# Flood protection and river management



# Flood and drainage schemes

We've had a mixed year delivering our flood protection programme. We delivered the majority of our planned flood protection and drainage maintenance work and had success with the delivery of the Climate Resilience programme. However due to reprioritisation, the planned capital programme was not fully delivered.

# Performance Results:







Throughout the year our schemes continued to provide resilience during flood events and we monitor this resilience as part of our maintenance work. The deferral of some capital works is not considered critically detrimental to scheme performance.

The January 2021 flood event impacted our ability to achieve our goals, as did the reprioritising of resources to our climate resilience programme and the COVID-19 event which deferred planned capital and maintenance projects.

We weren't able to complete the scheme review of the Lower Taieri River as initial scoping assessments revealed the scale of the programme would be larger than initially anticipated. The review will now begin in 2021-22 with several phases.

We were successful in being awarded Climate Resilience funding of \$5.44 million across four projects — three renewal projects and one project that is part of the Clutha repair work from the February 2020 flood damage. Our climate resilience work is well underway with the launch of the Balclutha projects in March 2021. We've completed the design, scoping and procurement processes to undertake the necessary repair work within timeframes and budget.







Bob's Cove, Queenstown

# Rivers and waterway management

Working with our communities, we're committed to preparing for future environmental challenges while retaining the characteristics of our rivers and waterways.

# Performance Results:







Council's planned river management activities were mostly achieved across Otago, although there were delays in some catchments due to resources, weather events and accessibility. Our Engineering team has responded to all public enquiries relating to blockages and obstructions on rivers and waterways, assessing these and attending to them within 20 days.

A substantial project to repair flood damage at Albert Town was completed on time — a significant achievement given the challenges of meeting community requirements and the area's outstanding landscape status.

Our teams mounted an effective response to the January 2021 flooding event where Middlemarch and Central Otago were affected. At the time we communicated and worked closely with the Middlemarch community to manage waterways, and we continue to collaborate with the community to explore possible ways to mitigate future flooding.

100% reported blockages and obstructions in scheduled rivers and waterways were responded to within 20 days **Albert** Town flood damage repair was completed on time **Delays in** planned vegetation management due to resources, weather events and access constraints in some catchments



# Safety and hazards

Crown Range, Queenstown Lakes 🛇



- Natural hazards and climate change adaptation



# Civil Defence and Emergency Management

We've made good strides this year, strengthening our emergency management capabilities and our planning to coordinate emergency responses — improving the resilience of Otago communities.

# Performance Results:







COVID-19 pandemic planning has been a focus as we've collaborated with local and central government stakeholders to workshop and plan likely scenarios.

We've invested significantly in the capability of our Operations and Coordination Centre staff this year. We now have 498 staff trained to the required levels, which is above the capacity required.

This year we signed an MOU with Fire and Emergency NZ to utilise their expertise in a major event, such as an AF8, alpine fault magnitude 8.

Civil Defense Emergency Management (CDEM) Otago recently rolled out a new tool to encourage better community engagement in planning for emergency situations. The tool "Otago Gets Ready" is a cloud-based platform to record skills, needs or resources that people may have and has email and text alert functionality.



# Natural hazards and climate change adaptation

We support Otago communities' resilience in the face of natural hazards and climate change and their ability to adapt to changes in the environment.

# Performance Results:







#### **NATURAL HAZARDS**

Our work programme across Otago has included working closely with communities to provide hazard information and technical support. We supported the Waitaki District Council (WDC) district plan review with technical information and updated seismic information for Dunedin City and Clutha Districts — the last steps in a wider programme of work to better understand the location and characteristics of faults. Our work in Waitaki included presenting on and discussing the main hazards faced by the Moeraki, Kakanui, Oamaru and Waitaki Plains communities.

Our new three-year programme of LiDAR data capture began this year with three priority areas: Dunedin, Otago coast and the Manuherekia catchment and surrounds. This is an exciting project to capture precise, three-dimensional information about the earth's shape and surface characteristics.

#### FLOOD AND LOW FLOW RISK MANAGEMENT

We operated our 24-hour flood management and response system during the year. Much of Otago experienced a significant heavy rainfall event in January 2021. We provided timely forecasts, warnings and relevant weather, flow and water level information to Civil Defence, district and city councils and the public during this event and in other smaller heavy rainfall events. This information is also used to inform decisions on the preparedness and management of flood protection schemes.

MetService commissioned Otago's first weather radar in December 2020. It improves rainfall information for eastern parts of Otago and helps inform Council's response to heavy rainfall events.

#### **CLIMATE CHANGE REPORTS**

Climate change will exacerbate existing challenges and introduce new ones. We achieved significant milestones in our climate change programme this year; we completed the first Otago Climate Change Risk Assessment, a regional Greenhouse Gas (GHG) emissions inventory, and an inventory of ORC's organisational GHG emissions. Although preliminary work toward establishing a Climate Change adaptation programme is underway, a formal report on progress was not presented to Council.

24-hour flood management and response system operated throughout the region



Two major regional climate change

reports released:
Otago Climate
Change Risk
Assessment, and
Otago Greenhouse
Gas (GHG) emissions
inventory



ORC's own GHG emission inventory completed, showing total gross GHG output over 12-months was

578 tonnes; made up mostly from transport fuels, domestic air travel, and electricity



In March 2021 we released the first Otago Climate Change Risk Assessment, a regional picture of how climate change may affect Otago. The report provides baseline information and projections that will inform how Otago adapts to challenges and rises to the opportunities of climate change. All district and city councils in Otago were consulted on the OCCRA, and sector leads and experts from Otago and beyond had input. Over 70 groups and specialists were invited to contribute.

Otago region's first Greenhouse Gas (GHG) emissions inventory was prepared this year, in collaboration with Otago's five city and district councils. The inventory, together with the Otago Climate Change Risk Assessment, provides a base for developing a regional partnership approach to the climate change.

We did not meet our target to complete a feasibility study of lower emission public transport. However, we are working with other councils as part of Transport Special Interest Group exploring sector issues and options for decarbonising the public transport fleet.

#### **CLIMATE CHANGE ADAPTATION**

We strengthened our collaboration with district and city councils on climate change adaptation during 2020-21, concentrating on South Dunedin, the Clutha delta and the head of Lake Wakatipu.

We've made good progress engaging with communities, particularly for South Dunedin and the head of Lake Wakatipu, to better understand the physical environment and natural hazards. This included technical investigations and hazard assessments together with community engagement on expected changes to the physical environment due to climate change.

We collaborated with central government on climate change adaptation matters. This included participating in Ministry for the Environment workshops on the development of a National Adaptation Plan.



# Transport



# Transport planning and public passenger transport

Preparing the Regional Land Transport Plan (RLTP) and implementing public transport services are the core transport services we deliver to support our communities and the regional economy. In 2020-21 we've achieved a great deal in contributing to sustainable, safe and inclusive transport for Otago communities.

# Performance Results:







We've delivered efficient and reliable public transport in Dunedin and Queenstown, and facilitated investment in Otago's transport network by local and central government. Our trial of a ferry service on Lake Wakatipu in 2020-21 has commenced, but at a reduced level due to COVID-19.

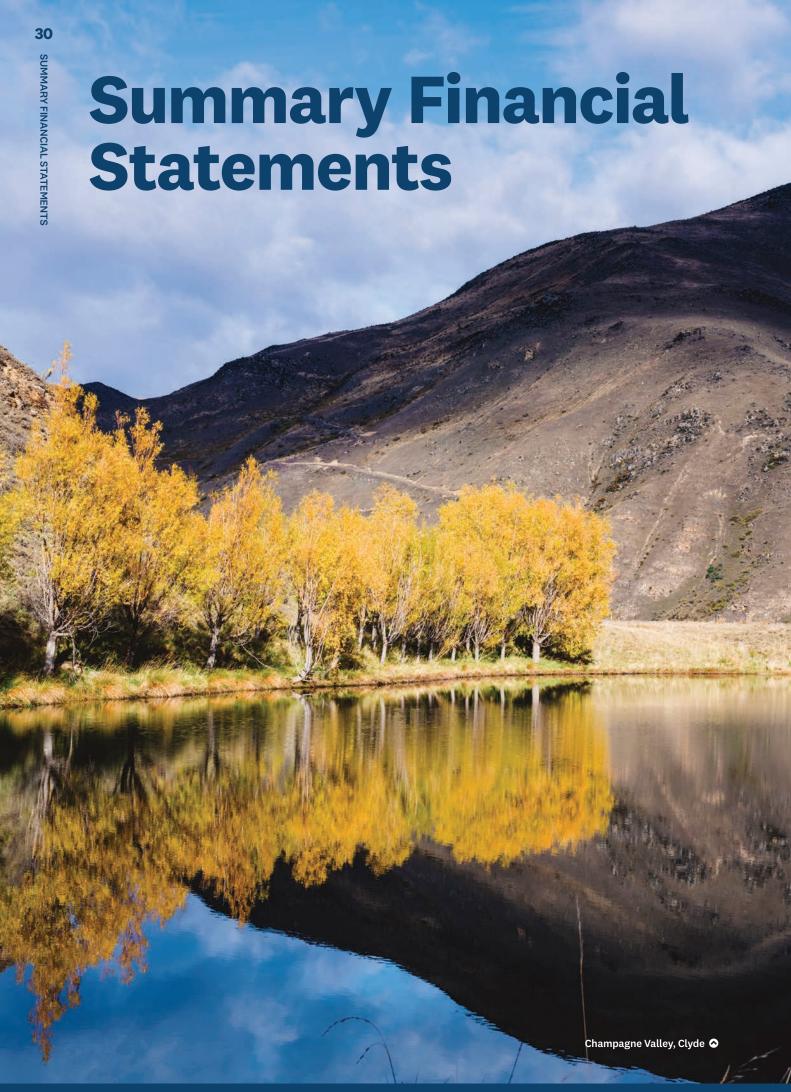
This year we prepared a new RLTP in collaboration with the Southland Regional Transport Committee and other South Island local government regions. The plan, together with a new Regional Public Transport Plan (RPTP), was adopted by Council in June 2021. As part of the process, stakeholders and the public were consulted on the plan.

While COVID-19 affected public transport services we've still implemented initiatives to improve customer experience. This includes introducing the Bee Card, trialling a \$2 flat fare and introducing a convenient, app-based real-time tracker across both of our public transport networks in Dunedin and Queenstown. Using the app, bus users can plan ahead and check the exact location of their bus as it travels. We also installed a solar-powered e-stop at Macandrew Bay to test the real time feed, with a view to sending real time information to e-stops at the Dunedin Bus Hub in the future. Another e-stop is planned for Arthur's Point (Queenstown).

In April 2021 we installed a stock truck effluent disposal site at Tarras. ORC is responsible for three of nine such sites across Otago.



Passenger satisfaction was **94% in Dunedin** and 96% for Queenstown (target 85%) Patronage was 2.706.191 ofor Dunedin and 889,063 ofor Queenstown (106% and 60% respectively, when compared to pre-**COVID** patronage **Transit real** time bus information app launched 'Bee card' electronic bus card for the Orbus networks rolled out comply with required vehicle quality standards



# Statement of Comprehensive Revenue and Expense for the year ended 30 June 2021

REVENUE	Council 2021 \$000	Council Budget \$000	Council 2020 \$000	Group 2021 \$000	Group 2020 \$000
Rates revenue	27,015	26,957	26,501	26,957	26,465
Grant revenue and subsidies	19,007	11,474	12,235	19,007	12,235
Other revenue	15,375	16,752	13,917	105,196	114,930
Dividends, interest and investment revenue	10,577	11,100	10,393	477	1,329
TOTAL REVENUE	71,974	66,282	63,046	151,637	154,959
EXPENDITURE					
Employee benefits expense	(21,956)	(22,743)	(18,089)	(54,109)	(52,814)
Depreciation and amortisation expense	(3,360)	(2,967)	(2,841)	(15,395)	(13,855)
Finance costs	-	(2)	-	(2,608)	(2,716)
Other expenses	(60,067)	(46,156)	(47,780)	(83,533)	(72,230)
TOTAL OPERATING EXPENDITURE	(85,383)	(71,868)	(68,710)	(155,645)	(141,615)
Share of surplus from equity accounted joint ventures	-	-	-	-	203
Other gains/(losses)	4,955	417	1,557	86,980	30,948
SURPLUS/(DEFICIT) BEFORE TAX	(8,454)	(5,168)	(4,107)	82,972	44,495
Income tax benefit/(expense)	100	-	101	(6,942)	(7,444)
SURPLUS/(DEFICIT) FOR THE YEAR	(8,354)	(5,168)	(4,006)	76,030	37,051
OTHER COMPREHENSIVE REVENUE AND EXPENSES					
Revaluation gain/(loss) – shares in subsidiary	75,966	7,000	2,129	-	-
Unrealised movement in hedging interest rate swaps	-	-	-	1,598	(471)
TOTAL OTHER COMPREHENSIVE REVENUE AND EXPENSE	75,966	7,000	2,129	1,598	(471)
TOTAL COMPREHENSIVE REVENUE AND EXPENSE	67,612	1,832	(1,877)	77,628	36,580

## Statement of Financial Position as at 30 June 2021

	Council 2021 \$000	Council Budget \$000	Council 2020 \$000	Group 2021 \$000	Group 2020 \$000
Current assets	38,709	34,520	41,260	76,536	85,668
Non-current assets	727,042	666,236	649,054	820,368	721,719
TOTAL ASSETS	765,751	700,756	690,314	896,904	807,387
Current liabilities	19,957	14,142	12,133	36,954	32,893
Non-current liabilities	-	-	-	91,829	84,001
TOTAL LIABILITIES	19,957	14,142	12,133	128,783	116,894
NET ASSETS	745,794	686,614	678,181	768,121	690,493
EQUITY					
Reserves	635,622	569,244	557,650	387,695	301,851
Public equity	110,172	117,370	120,531	380,426	388,642
TOTAL EQUITY	745,794	686,614	678,181	768,121	690,493



Port Otago, Port Chalmers 🛇

# Statement of Changes in Net Assets/Equity for the year ended 30 June 2021

	Opening Balance 1 July 2020 \$000	Other Comprehensive Revenue and Expense \$000	Transfers In \$000	Transfers Out \$000	Closing Balance 30 June 2021 \$000
			COUNCIL 2021		
Public Equity	120,531	(8,354)	101,429	(103,434)	110,172
Reserves	557,650	75,966	5,192	(3,186)	635,622
TOTAL EQUITY AND RESERVES	678,181	67,612	106,620	(106,620)	745,794
			<b>GROUP 2021</b>		
Public Equity	388,642	76,030	101,603	(185,849)	380,426
Reserves	301,851	1,598	87,432	(3,186)	387,695
TOTAL EQUITY AND RESERVES	690,493	77,628	189,035	(189,035)	768,121
	Opening Balance 1 July 2019 \$000	Other Comprehensive Revenue and Expense \$000	Transfers In \$000	Transfers Out \$000	Closing Balance 30 June 2020 \$000
	1 July 2019	Comprehensive Revenue and Expense \$000			30 June 2020
Public Equity	1 July 2019	Comprehensive Revenue and Expense \$000	\$000		30 June 2020
Public Equity Reserves	1 July 2019 \$000	Comprehensive Revenue and Expense \$000	\$000 COUNCIL 2020	\$000	30 June 2020 \$000
	1 July 2019 \$000 124,437	Comprehensive Revenue and Expense \$000 (4,006)	\$000 COUNCIL 2020 79,970	\$000 (79,870)	30 June 2020 \$000 120,531
Reserves	1 July 2019 \$000 124,437 555,621	Comprehensive Revenue and Expense \$000 (4,006) 2,129	\$000 COUNCIL 2020 79,970 3,696	\$000 (79,870) (3,796)	30 June 2020 \$000 120,531 557,650
Reserves	1 July 2019 \$000 124,437 555,621	Comprehensive Revenue and Expense \$000 (4,006) 2,129	\$000 <b>COUNCIL 2020</b> 79,970 3,696 <b>83,666</b>	\$000 (79,870) (3,796)	30 June 2020 \$000 120,531 557,650
Reserves  TOTAL EQUITY AND RESERVES	1 July 2019 \$000 124,437 555,621 680,058	Comprehensive Revenue and Expense \$000  (4,006)  2,129  (1,877)	\$000 COUNCIL 2020 79,970 3,696 83,666 GROUP 2020	\$000 (79,870) (3,796) (83,666)	30 June 2020 \$000 120,531 557,650 678,181

# Cash Flow Statement for the year ended 30 June 2021

	Council 2021	Council Budget	Council 2020	Group 2021	Group 2020
	\$000	\$000	\$000	\$000	\$000
Cash flows from operating activities	46	(2,611)	(2,272)	12,609	8,834
Cash flows from investing activities	(3,564)	(5,891)	(5,262)	(22,993)	(32,813)
Cash flows from financing activities	-	-	-	6,800	16,610
NET INCREASE/(DECREASE) IN CASH AND CASH EQUIVALENTS	(3,518)	(8,502)	(7,534)	(3,584)	(7,369)
Cash and cash equivalents at the beginning of the financial year	7,898	15,487	15,432	8,205	15,574
beginning of the infancial year					

# **Summary Funding Impact Statements for the year ended 30 June 2021**

Whole of Council	Actual 2020-21 \$000	Annual Plan 2020-21 \$000	Actual 2019-20 \$000	Annual Plan 2019-20 \$000
Sources of operating funding	71,973	66,282	63,047	61,971
Applications of operating funding	(81,443)	(69,487)	(63,447)	(61,826)
SURPLUS (DEFICIT) OF OPERATING FUNDING	(9,470)	(3,204)	(400)	145
Sources of capital funding	1,610	410	72	410
Sources of capital funding  Application of capital funding	1,610 7,860	410 2,794	72 328	410 (555)

Significant Activities  ENVIRONMENTAL	Actual 2020-21 \$000	Long-Term Plan 2020-21 \$000	Actual 2019-20 \$000
Revenue	14,535	12,126	11,237
Expense	(16,398)	(12,901)	(10,248)
Net operating surplus/(deficit)	(1,863)	(775)	989
Capital expenditure	609	487	448
REGIONAL LEADERSHIP			
Revenue	9,924	8,351	9,573
Expense	(15,334)	(8,278)	(10,793)
Net operating surplus/(deficit)	(5,410)	73	(1,220)
Capital expenditure	1	21	-
REGULATORY			
Revenue	6,829	4,290	6,586
Expense	(10,840)	(4,278)	(8,030)
Net operating surplus/(deficit)	(4,011)	12	(1,444)
Capital expenditure	50	21	47
FLOOD PROTECTION AND RIVER MANAGEMENT			
Revenue	8,361	7,302	6,712
Expense	(6,791)	(5,529)	(4,205)
Net operating surplus/(deficit)	1,570	1,773	2,507
Capital expenditure	2,575	2,964	1,682
SAFETY AND HAZARDS			
Revenue	4,582	3,611	4,398
Expense	(4,017)	(3,743)	(4,562)
Net operating surplus/(deficit)	565	(132)	(164)
Capital expenditure	32	-	26
TRANSPORT			
Revenue	26,958	23,877	24,845
Expense	(29,225)	(25,006)	(25,738)
Net operating surplus/(deficit)	(2,267)	(1,129)	(893)
Capital expenditure	849	-	658

# Notes to the Summary Annual Report

## **Reporting Entity**

The Council is a regional local authority governed by the Local Government Act 2002.

The Council Group (Group) consists of the Council and its subsidiary Port Otago Limited (100% owned). The Port Otago Limited Group consists of Port Otago Limited, its subsidiaries, associates and joint ventures.

The primary objective of the Council is to provide goods or services for the community or social benefit rather than making a financial return. The principal activities of the Group entities are described in Note 28. Accordingly, the Council has designated itself and the Group as public benefit entities for financial reporting purposes.

## **Full Annual Report**

This Summary Annual Report has been extracted from the full audited Annual Report dated 27 October 2021, and authorised for issue by Council on that date. The Summary Annual Report does not include all the disclosures provided in the full Annual Report and cannot be expected to provide as complete an understanding as provided by the full Annual Report.

The full Annual Report has been prepared in accordance with the requirements of the Local Government Act 2002, which includes the requirement to comply with New Zealand generally accepted accounting practice (NZ GAAP). The full Annual Report complies with Public Benefit Entity Public Sector (PBE (PS)) standards and has been prepared in accordance with Tier 1 PBE standards.

The full audited Annual Report, which received an unqualified audit opinion, may be found in our Annual Report for the period 1 July 2020 to 30 June 2021, available by telephoning (03) 4740827 or on our website **www.orc.govt.nz**.

This Summary Annual Report has been prepared in compliance with PBE (PS) FRS-43 Summary Financial Statements, and is presented in thousands of New Zealand dollars.



## **Commitments for Capital Expenditure**

At 30 June 2021 the Group had commitments for capital expenditure of \$20.4 million (2020: \$4.78 million). Included in the above amounts are Council commitments of \$0.2 million (2020: \$0.77 million) relating to property, plant and equipment acquisitions and contracts for capital expenditure.

Port Otago Limited had commitments for capital expenditure of \$20.2 million (2020: \$4.01 million) which relates to purchases and refurbishments of port assets and investment property.

## **Related parties**

The Council was involved in related party transactions with Port Otago Limited amounting to \$10.1 million (2020: \$9.50 million), received as dividends plus other receipts and payments. The Port Otago Limited Group was involved in related party transactions in respect of joint venture financial arrangements. Details of these transactions are included in the notes to the financial statements in the full Annual Report.

## **Subsequent Events**

On 05 October 2021 the Directors declared a final dividend of \$1.0 million for the year ended 30 June 2021. As the final dividend was approved after balance date, the financial effect of the dividend payable of \$1.0 million has not been recognised in the Balance Sheet.

On 21 September 2021 Council entered into the New Zealand Local Government Funding Agency (NZLGFA) as a guarantor. The NZLGFA was incorporated in December 2021 with the purpose of providing debt funding to local authorities in New Zealand and it has a current credit rating from Standard and Poor's of AA+.

## **Contingent Liabilities and Contingent Assets**

#### **Council Only Contingent Liabilities**

The Council has been advised of potential claims in relation to the issue of resource consents. The Council does not expect any material uninsured liability to arise from these potential claims, (2020: \$Nil).

2020: During the February 2020 flood event our flood assets on the Taieri and Lower Clutha performed to the expected level of service, however minor damage was incurred to these assets. Council performed urgent repairs of \$535,000 and recorded a \$289,000 impairment to the value of the flood protection fixed assets in the 30 June 2020 Statement of Comprehensive Income.

Council has performed an assessment of the damaged assets and forecasted that \$5,700,000 future costs are required to restore the flood protection assets back to their expected level of service. This forecasted cost is likely to be incurred in the 2021 financial period but is dependent on COVID-19 restrictions and river levels allowing work to proceed.

Consistent with the nature of the Council's activities, the Council is involved in Environment, High and District Court proceedings resulting from decisions made by the Council as a planning and consenting authority under the Resource Management Act.

## **Council Only Contingent Assets**

The Council does not have any contingent assets as at 30 June 2021.

2020: Council has assessed the insurance proceeds which are likely to be available in relation to the flood protection asset damaged from the February 2020 flood event. National Emergency Management Agency (NEMA) on preliminary insurance assessments has indicated that they will fund \$2,400,000 of the cost of repairs. Council's external insurance provider on preliminary assessments

have indicated that they will fund the entire cost of repair to pump stations which is estimated to be \$177,000. Certainty on the insurance proceeds is dependent on repairs being performed and actual costs being determined and are likely to be received in 2021 financial period.

#### Group

There are no contingent liabilities or assets at 30 June 2021 (30 June 2020: \$Nil) other than those arising in the normal course of business.

### COVID-19

#### Council

There has been a minor impact on Council as a result of COVID-19 pandemic.

Council's subsidiary Port Otago Limited is held in Council financial statements at fair value. The valuation of Port Otago is based on current year performance and forecasted future performance. The global COVID-19 pandemic and resulting impacts on trade, the cruise industry and property markets has increased the level of uncertainty around certain estimates in the future performance of Port Otago. This has had a minor impact on the valuation of our subsidiary Port Otago.

During the period March to June 2020 the New Zealand Transport Agency (NZTA) required Council it provide free bus fares for all users (this continued into the 2021 financial period). Bus fare revenue was funded during this period directly by NZTA with \$2,300,000 received to compensate Council for lost bus fare revenue from customers. This was treated in the same manner as bus fare revenue and was recorded as other income on the Statement of Comprehensive Income.

The impact COVID-19 has had on Council levels of service has been recorded in the Statement of Service Performance section.

#### Group

An assessment of the impact of COVID-19 on the Group's Statement of Comprehensive Income and Statement of Financial Position is set out below, based on the information available at the time of preparing these financial statements.

#### **Other Revenue**

The New Zealand government banned cruise ships from entering New Zealand waters from 14 March 2020 resulting in no arrivals during the 2021 financial year compared to 112 cruise ship arrivals in the 2020 financial year. At this stage it is unlikely cruise ships will visit for the coming 2021/22 cruise ship season (2022 financial year).

#### **Investment Property**

As at June 2020, the independent valuations of the Group's investment property portfolio were reported on the basis of 'material valuation uncertainty', meaning less certainty and a higher degree of caution should be applied to the valuations. As at June 2021, the 'material valuation uncertainty' clause has been removed from all of the independent valuations.

## Local Government (Financial Reporting and Prudence) Regulations 2014

The Local Government (Financial Reporting and Prudence) Regulations 2014 require that the Council disclose its financial performance in relation to various benchmarks to enable the assessment of whether the Council is prudently managing its revenues, expenses, assets, liabilities, and general financial dealings. The regulations also require the disclosure of rating base information and information regarding the insurance of assets.

# Deloitte.

#### INDEPENDENT AUDITOR'S REPORT

## TO THE READERS OF OTAGO REGIONAL COUNCIL AND GROUP'S SUMMARY OF THE ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2021

The summary of the annual report was derived from the annual report of the Otago Regional Council (the Regional Council) and group for the year ended 30 June 2021.

The summary of the annual report comprises the following summary statements on pages 6 to 37:

- the summary statement of financial position as at 30 June 2021;
- the summaries of the statement of comprehensive income, statement of changes in equity and statement of cash flows for the year ended 30 June 2021;
- the notes to the summary financial statements that include accounting policies and other explanatory information; and
- the summary statement of service performance.

#### **Opinion**

In our opinion:

- the summary of the annual report represents, fairly and consistently, the information regarding the major matters dealt with in the annual report; and
- the summary statements comply with PBE FRS-43: Summary Financial Statements.

#### Summary of the annual report

The summary of the annual report does not contain all the disclosures required by generally accepted accounting practice in New Zealand. Reading the summary of the annual report and the auditor's report thereon, therefore, is not a substitute for reading the full annual report and the auditor's report thereon.

The summary of the annual report does not reflect the effects of events that occurred subsequent to the date of our auditor's report on the full annual report.

#### The full annual report and our audit report thereon

We expressed an unmodified audit opinion on the information we audited in the full annual report for the year ended 30 June 2021 in our auditor's report dated 27 October 2021.

#### Council's responsibility for the summary of the annual report

The Council is responsible for preparing the summary of the annual report which includes preparing summary statements, in accordance with PBE FRS-43: *Summary Financial Statement*.

#### Auditor's responsibility

Our responsibility is to express an opinion on whether the summary of the annual report represents, fairly and consistently, the information regarding the major matters dealt with in the full annual report and whether the summary statements comply with PBE FRS 43: *Summary Financial Statements*.

Our opinion on the summary of the annual report is based on our procedures, which were carried out in accordance with the Auditor-General's Auditing Standards, which incorporate the Professional and Ethical Standards and the International Standards on Auditing (New Zealand) issued by the New Zealand Auditing and Assurance Standards Board.

In addition to our audit and our report on the disclosure requirements, we have carried out assurance engagements in the areas of the long-term plan 2021-2031 and other engagements relating to tax and other services, which are compatible with those independence requirements. Other than these engagements we have no relationship with or interests in the Regional Council or its subsidiaries and controlled entities.

Heidi Rautjoki Deloitte Limited

On behalf of the Auditor-General

Dunedin, New Zealand

25 November 2021

# Office and depot locations

#### **Dunedin office - Philip Laing House**

Monday to Friday. 8.00am to 5pm Closed on public holidays. Level 2 144 Rattray Street Dunedin 9016

#### **Queenstown office**

Monday to Friday. 8.00am to 4.30pm. Closed on public holidays. Terrace Junction 1092 Frankton Road Queenstown 9300

We have staff located at depots throughout the region including North Taieri, Balclutha, Oamaru, Wanaka, Palmerston, Alexandra and Cromwell. For further details please see our website.



Karitane, Dunedin 🛇

# **Contact us:**

Website: www.orc.govt.nz

Social media: facebook.com/OtagoRegionalCouncil, twitter.com/OtagoRC

Phone: **0800 474 082** (General Enquiries), **0800 800 033** (Pollution Hotline)

Email: customerservices@orc.govt.nz



