

Annual Report Summary 2009/10



Everything is connected

About Environment Canterbury

Environment Canterbury is the regional council working with the people of Canterbury to manage the region's air, water and land. We are committed to the sustainable management of our environment while promoting the region's economic, social and cultural well-being.

With 45,239 km² of diverse landscapes, including New Zealand's highest mountain, major lakes and river systems, and some of its most productive farmland, Canterbury is New Zealand's largest region. The population of Canterbury is 552,800 (as of June 2008), of which 368,900 live in Christchurch. This makes Canterbury the most populated region in the South Island and the second most populated in New Zealand.

Our Annual Report describes the contribution to community outcomes that Environment Canterbury has made during the 2009/10 in relation to those groups of activities. To deliver on community outcomes Environment Canterbury undertakes the following work:

- Regional strategies – developing integrated approaches to address issues in collaboration with the community
- Investigating and monitoring – undertaking the science and measurement needed as the basis for formulating plans and actions to manage resources
- Planning and consenting – preparing plans and assessing consents to manage the effects of development
- Regulating – monitoring levels of compliance with plans and consent conditions and taking enforcement action to achieve compliance
- Facilitating – working with stakeholders to address resource management issues
- Operating – undertaking works and managing contracts to undertake community-agreed programmes for which regional councils have statutory responsibility.

Statement of Compliance

The council and management of Environment Canterbury confirm that all statutory requirements in relation to the Annual Report, as outlined in the Local Government Act 2002, have been complied with.

The council and management of Environment Canterbury accept responsibility for the preparation of the annual financial statements and the judgements used in them, and for maintaining a system of internal control designed to provide reasonable assurance as to the integrity and reliability of financial and service performance reporting.

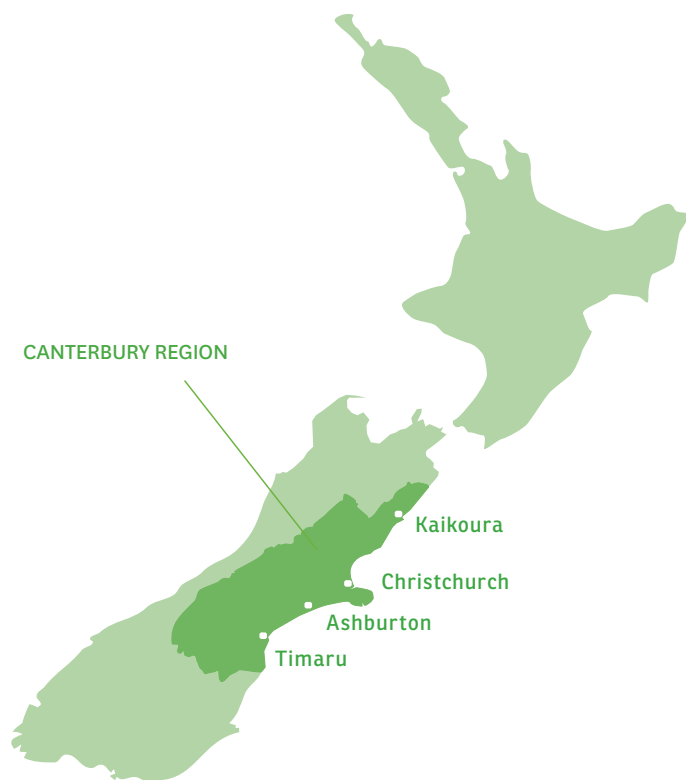
In the opinion of the council and management of Environment Canterbury, the annual financial statements for the year ended 30 June 2010 fairly reflect the financial position and results of operations and service performance achievements of Environment Canterbury.



Dame Margaret Bazley
DNZM, Hon DLit
Commissioner Chair



Dr Bryan Jenkins
Chief Executive



Environment Canterbury was established in 1989 as one of 12 regional councils in New Zealand. It has statutory responsibility for contributing to the following groups of activities:

- Air quality
- Coastal environment
- Democratic process
- Emergency management
- Energy
- Hazards
- Land
- Navigation safety
- Pests and biosecurity
- Public passenger transport
- Regional land transport
- Waste, hazardous substances and contaminated sites
- Water quality, quantity and ecosystems.

Foreword

Establishing integrated and forward-looking management of the region's fresh water is the most significant challenge facing Environment Canterbury. It was the national significance of this challenge which prompted the government to undertake a review of the organisation in November 2009 and subsequently replace elected representatives with commissioners from 1 May 2010.

The Environment Canterbury (Temporary Commissioners and Improved Water Management) Act 2010 enabled this change and provided additional powers to facilitate the provision of an integrated water management plan for the region. Achieving this is the commissioners' key task, and it must be completed by October 2013 at the latest.

During the year a number of significant steps were taken in freshwater management. In October 2009, the Canterbury Water Management Strategy framework document was launched by Agriculture Minister David Carter. This was the culmination of six years of community consultation and collaboration with a wide range of individuals and stakeholder groups. Shortly afterwards a new directorate was established within Environment Canterbury to begin its implementation.

The first of ten local zone committees for the Canterbury Water Management Strategy (the Hurunui-Waiapu zone) was appointed in June. The committee is charged with an advisory role in environmental and development needs and will take a lead role in breathing life into the strategy. The rest of the local zone committees will be formed in the coming year, as will the regional committee which will provide regional coordination, including options for new water storage regionally.

This year drafting of the Regional Policy Statement also neared completion: the chapter relating to water is the first of our planning documents to reflect the direction set by the Canterbury Water Management Strategy. Developed in discussion with the district and city councils, we look forward to releasing a draft for further discussion in September 2010.

Critical to the success of water management is the setting of minimum environmental flows and during the year we notified the allocation plan for the Waipara River. Decisions were also released on a number of major consents and the review of the consents in the Rakaia-Selwyn groundwater zone was completed.

Hearings commissioners completed hearing submissions on the water-related chapters of the Natural Resources Regional Plans (NRRP) and decisions on these will shortly be released as we move towards these chapters becoming operative.

Most of the air chapter of the NRRP became operative during the year. As a result, the rules on air quality for Christchurch came into effect from 1 April 2010, whilst the rules for Kaiapoi and Ashburton come into effect from 1 April 2011. The new rules, together with financial incentives to switch to cleaner forms of home heating

through Clean Heat, were widely and actively promoted. We are looking forward to continued work on air quality with the Timaru community in the coming year.

A number of public passenger transport service improvements were progressed. Priority bus lanes, which have cut transport times typically by 3-4 minutes, and in some cases up to 10 minutes, at peak hours, were introduced in Christchurch. We undertook service reviews in some areas and completed both the Timaru and Greater Christchurch Metro Strategies. Together these strategies will guide passenger transport development over the coming years. A new integrated ticketing system is being introduced to replace a system which was no longer being supported by the supplier: it has the benefit of enabling people to top up their Metrocard on-line.

The Regional Transport Committee, which we chair and advise, responded to a change in central Government transport policy during the year which saw increased focus on funding for roading infrastructure. Our transport planning was realigned to reflect the new Government priorities. We also made progress on the development of a new Canterbury Regional Land Transport Strategy.

2009/10 has been an eventful year for the organisation and through all the changes staff have worked hard to continue to deliver on the work programmes essential for the success of Environment Canterbury. In addition, we introduced a service excellence programme for staff aimed at increasing awareness of the importance of delivering great service for our community, and focused on improving our performance.

We will continue to drive for change in this area and we look forward to meeting the needs of our stakeholders and ratepayers in a planned and sustainable manner in the year ahead.



Dame Margaret Bazley
DNZM, Hon DLit
Commissioner Chair



Dr Bryan Jenkins
Chief Executive

We will report on our response to the September 4 2010 earthquake in our Annual Report for 2010/11.



Air Quality

Selected highlights in 2009/10

Parts of the Air Chapter of Canterbury's Natural Resources Regional Plan (the Air Plan) became operative during the year and new rules were introduced for a number of urban areas. This included a ban on open fires between 1 April and 30 September in Christchurch for 2010.

This year we stepped up our work associated with Clean Heat, including increased activity in public education.

As a result of our publicity campaigns, we received record numbers of enquiries and registrations for Clean Heat. In February 2010 alone we received 3,000 phone enquiries.

This year Clean Heat assisted 3,517 homeowners in Canterbury, in the following areas:

- 3,246 Christchurch
- 128 Kaiapoi and Rangiora
- 37 Ashburton
- 106 Timaru.

During 2009/10, targets for PM₁₀ air quality (PM₁₀ = particulate matter smaller than 10 microns in diameter) were met in Christchurch, Rangiora and Kaiapoi. Timaru, Ashburton, Geraldine and Waimate exceeded their target three times each.

Community complaints about air quality to the 24-hour Pollution Hotline increased: we responded to 2,543 calls (2,382 last year).

Levels of Service

1. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for managing air quality.

Target 100% of reviewed plans.

Achieved

2. Meeting national environmental standards for CO, NO₂, SO₂ and O₃ concentrations

| Measure | Target | |
|----------------------------------|--|--------------|
| CO ₂ : 8-hour average | Exceed 10 milligrams per cubic metre no more than once a year | Achieved |
| NO ₂ : 1-hour average | Exceed 200 micrograms per cubic metre no more than 9 times per year | Achieved |
| SO ₂ : 1-hour average | Exceed 350 micrograms per cubic metre no more than 9 times per year | Achieved |
| SO ₂ : 1-hour average | Never exceed 570 micrograms per cubic metre | Not achieved |
| O ₃ : 1-hour average | Never exceed 150 micrograms per cubic metre. (Note data are collected every three years, next due in 2009/10.) | Achieved |

3. Converting to cleaner forms of home heating to reduce the most significant source of PM₁₀ emissions

Measure The total number of homes in the gazetted Christchurch, Timaru, Ashburton, Kaiapoi, and Rangiora airsheds converting to cleaner forms of home heating through the Clean Heat Project.

Target See table below.

The targets have been revised since the 2009-19 LTCCP.

Achieved for Christchurch but not for other towns owing to availability of other government subsidies, and an increase in average net cost per installation.

Conversions undertaken by Environment Canterbury's Clean Heat Project

| | Actual 2006/07 | Actual 2007/08 | Actual 2008/09 | Estimated 2009/10 | Actual 2009/10 |
|----------------------|----------------|----------------|----------------|-------------------|----------------|
| Christchurch | 3,639 | 2,838 | 1,969 | 3,000 | 3,246 |
| Timaru | n/a | n/a | 226 | 762 | 106 |
| Ashburton | n/a | n/a | 34 | 572 | 37 |
| Kaiapoi and Rangiora | n/a | n/a | 94 | 774 | 128 |

Note: The actual number of conversions made in Christchurch is established by an annual survey. Source: Environment Canterbury.

4. Meeting national environmental standards for PM₁₀ concentrations

Measure The second-highest concentration of PM₁₀ in the gazetted airsheds of Christchurch, Timaru, Kaiapoi, Rangiora, Ashburton, Geraldine and Waimate, for a 24-hour period, from midnight to midnight.

Target No more than one 24-hour average concentration to be above Environment Canterbury's straight-line path for PM₁₀ concentrations for each gazetted airshed.

Air quality for winter 2009 was within the straight line path target for PM₁₀ to meet the National Environmental Standards for Air Quality by 2013 in Christchurch, Kaiapoi and Rangiora. The target was exceeded three times in each of Geraldine, Waimate, Ashburton and Timaru. One of those was during a dust event on 14th September 2009.

5. Authorising and monitoring the use of natural and physical resources

Measure 1 The percentage of resource consent applications processed in compliance with the statutory timeframe set down in the RMA 1991.

Target 85%, increasing to 100% by 2011/12.

191 resource consents were issued with conditions to discharge contaminants to air. The volume of new resource consent applications fell by 25% in the 2009/10 year, and was 40% lower than the average volume for the past 5 years. This reduction in volume has enabled resource to be directed into substantially reducing the number of outstanding consent applications in process. There has also been a considerable investment of resource into improving consent processes, which along with changed provisions in the Resource Management Act has resulted in faster consent processing.

At the end of the 2009/10 year timeframe compliance was being achieved on over 80% of all new consent applications.

Not achieved (62%)

Measure 2 The percentage of resource consents for discharges to air consistent with Resource Management Act 1991 requirements, including proposed and operative regional plan requirements.

Target 100%

Achieved.

Measure 3 The percentage of significant non-compliance with resource consent conditions for discharges to air resolved (no further action is required).

Target 80% are resolved in six months. 95% are resolved in 12 months.

Not achieved 79% were resolved in 6 months and 92% in 12 months.

Measure 4 The percentage of environmental incidents resolved (no further action is required) for air.

Target 95%.

Not achieved (88%) 2353 incidents involving air quality were received and resolved during the financial year. The introduction of the Christchurch clean air rules has resulted in a dramatic increase in reported incidents about discharges from domestic home heating appliances. All outstanding incidents have been prioritised and are being resolved by working with home owners to organise cleaner forms of heating. Incident follow-up will continue and will be completed during the summer season.

Measure 5 The annual change in industry-related consented PM₁₀ discharge rate in Christchurch gazetted airshed.

Target No more than 27 kg/day of PM₁₀ in total.

Achieved During 2009/10 there was a decrease of 9 kg per day in consented PM₁₀ discharge in Christchurch.

Water Quality, Quantity and Ecosystems

Selected highlights in 2009/10

Over the past year, Environment Canterbury has been a key player and facilitator in a new approach to water management in Canterbury, the Canterbury Water Management Strategy.

In November 2009, the framework document, since endorsed by all Canterbury councils, was released.

The first zone committee, for the Hurunui-Waiapu zone, was appointed in June 2010, and others will follow.

Concerns with the levels of *E. coli* in the Dunsandel water supply well led to us reviewing all information on the sources of contamination of deep municipal wells.

The Commissioner hearing panel involved in Chapters 4 to 8 of the proposed Natural Resources Regional Plan, which all relate to water, finished hearing submissions during the year and decisions on those chapters will be notified in October 2010.

During the year we notified the proposed Waipara River Environmental Flow and Water Allocation Plan for public submission, we notified a plan change to the Waimakariri River Regional Plan, and we released major consent decisions for the lower Waitaki, Central Plains Water, and Selwyn-Waimakariri.

- 1,748 resource consents were issued, with conditions to protect water quality and quantity
- 12,868 consent conditions were monitored for compliance
- Action was taken in 962 cases where there was significant non-compliance.

We monitored water quality at 345 sites throughout Canterbury, including 95 bathing sites on beaches, rivers and lakes and 219 sites on the regional water quality river and lake indicator sites network.

This year, 92% of wells sampled met the New Zealand Drinking Water Standard for nitrate-nitrogen concentration (88% last year). 85% of lakes and 56% of river bathing sites were graded as suitable for contact recreation – a slight improvement for rivers (85% and 55% last year).

81% of foothill streams and 24% of lowland streams were graded with fair, good or very good ecosystem health (55% and 10% last year).

Levels of Service

1. Implementing sustainable allocation limits for groundwater

Measure The rate at which sustainable allocation limits are implemented for groundwater zones.

Target One zone every two years.

Achieved

2. Setting sustainable environmental flows for key rivers and streams

Measure The rate at which environmental flows are set on all key rivers and streams.

Target See table, below.

Environmental Flow Review Programme

| Key rivers or catchments | Community consultation & investigations | Notify Environmental Flow review | Set environmental flows |
|---|---|----------------------------------|-------------------------|
| Kaikoura rivers | Completed | Completed | 2009/10 (with PNRRP) |
| Hurunui River | Completed | Completed | 2009/10 (with PNRRP) |
| Waipara River | Completed | Completed | 2009/10 |
| Motanau River | Completed | Completed | Completed |
| Lake Ellesmere tributaries Pt1, Pt2, Pt3 & upper Selwyn | Commenced 2008/09 | 2009/10 ³ | 2010/11 |
| Conway River | Completed | Completed | 2009/10 (with PNRRP) |
| Waihao River | Completed | Completed | 2009/10 (with PNRRP) |
| Pareora River | Commenced 2008/09 | Completed | 2009/10 |
| Waiapu River | Commenced 2009/10 | 2010/11 | 2011/12 |
| Ashley River tributaries | Commenced 2008/09 | 2010/11 | 2010/11 |
| Waimakariri River tributaries | Commenced 2008/09 | 2010/11 | 2010/11 |
| Orari River | Commenced 2008/09 | 2009/10 ⁴ | 2010/11 |
| Hinds River | Commenced 2009/10 | 2010/11 | 2011/12 |
| Banks Peninsula | Commenced 2009/10 | 2010/11 | 2011/12 |
| Ophi River tributaries | Begins 2010/11 | 2011/12 | 2012/13 |

PNRRP = Proposed Natural Resources Regional Plan.

3. Ensuring nitrate-nitrogen concentrations in groundwater meet New Zealand drinking water standards

Measure The percentage of monitored groundwater wells where nitrate-nitrogen concentrations are at or below the maximum acceptable value of 11.3 milligrams of nitrate per litre of water.

Target The percentage is increasing.

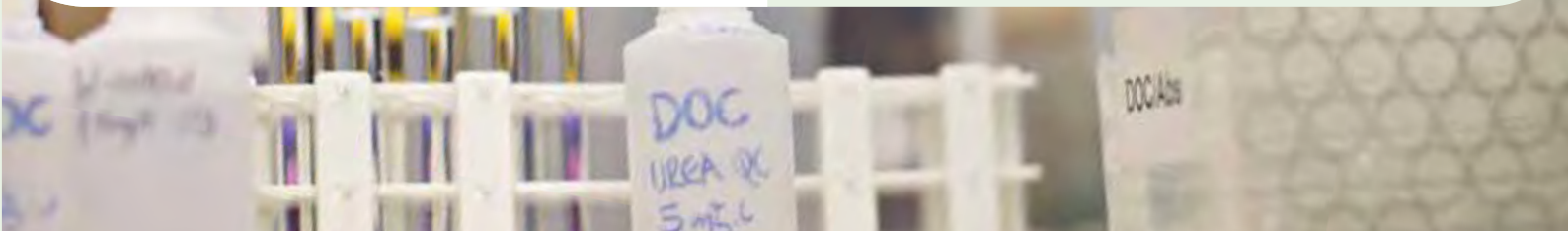
Achieved 92% of the wells are at or below the maximum acceptable value (88% in 2008/09).

4. Safeguarding community drinking water supply bores

Measure The percentage of community drinking water supply bores that exceed half the maximum acceptable value of 11.3 milligrams of nitrate per litre of water where intervention assessments take place.

Target 100%.

Achieved All community drinking water supply bores in Environment Canterbury's regional monitoring network had nitrate concentrations below half the maximum acceptable value. Therefore, no intervention assessments were triggered.



5. Improving recreational water quality at swimming sites

Measure The percentage of monitored swimming sites at rivers and lakes that are suitable for contact recreation, all or most of the time.

Target The percentage is increasing.

Not achieved for lakes (2008/09, 85%; 2009/10 85%).

Achieved for rivers (2008/09, 55%; 2009/10, 56%).

6. Maintaining the ecosystem health of lakes

Measure The percentage of coastal and high country lakes monitored recording an improved trophic state.

Target The percentage is increasing.

Achieved 28% of lakes monitored showed an improvement in trophic state from the previous year, with 12% declining and 60% remaining static. Thus, the overall result for 2009/10 was a net improvement in trophic health, but it is important to note that water quality, and subsequently associated trophic categories, can have high annual variability due to varying seasonal rainfall and temperature. Since monitoring first began (2004-06), 60% of all lakes monitored have declined in their overall trophic state, with no lakes recording an improved overall trophic state.

7. Improving the ecosystem health of foothill and lowland rivers and streams

Measure The percentage of rivers and streams monitored recording fair, good or very good biotic and habitat health (on a scale of very poor, poor, fair, good, and very good).

Target The percentage is increasing.

Achieved 81% of foothill streams and 24% of lowland streams are in fair, good or very good biotic and habitat health (compared with 80% and 14% in 2008/09).

8. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for managing water.

Target 100% of reviewed plans.

Achieved

9. Authorising and monitoring the use of natural and physical resources

Measure 1 The percentage of freshwater resource consent applications processed in compliance with the statutory time frame set down in the Resource Management Act 1991.

Target 85%, increasing to 100% by 2011/12.

Not achieved (71%).

Measure 2 The percentage of freshwater resource consents consistent with Resource Management Act 1991 requirements, including proposed and operative regional plan requirements.

Target 100%.

Achieved

Measure 3 The percentage of significant or major non-compliance with freshwater resource consent conditions resolved (no further action is required).

Target 80% are resolved in six months. 95% are resolved in 12 months.

Not achieved 76% were resolved in 6 months. 89% were resolved in 12 months.

Measure 4 The percentage of environmental incidents resolved (no further action is required) for freshwater.

Target 95%.

Achieved 772 incidents resolved (95%).

Land

Selected highlights in 2009/10

This year we completed submission hearings and released decisions on Proposed Change 1 to the Regional Policy Statement, which provides statutory backing to the UDS. The UDS is a partnership with the Christchurch, Waimakariri and Selwyn District Councils and the New Zealand Transport Agency, and is designed to align Christchurch's land-use patterns with defined community outcomes.

We have been working with DairyNZ, Federated Farmers and dairy companies on a joint 'check it, fix it, get it right' campaign around effluent management and the rate of compliance for effluent consents increased from 43% last year to 59% in the most recent season.

- 316 resource consents were issued, with conditions, for activities on land
- 5,540 resource consent conditions were monitored for compliance
- We took action in 144 cases where significant non-compliance was found.

This year we began work on installing lysimeters and weather stations on a number of Canterbury farms to collect data on land use and water quality changes.

This year was Lake Tekapo Regional Park's first year of operation, and the fourth for Waimakariri River Regional Park. Visitor numbers continue to grow for both these parks with McLeans Forest in the Waimakariri Park particularly popular.

Levels of Service

1. Providing open space leisure and recreation opportunities on council-owned land

Measure 1 Visitors' rating of the quality of their experience, in the Waimakariri River Regional Park, rating of the quality of their experience.

Target 80% of visitors surveyed are satisfied or very satisfied (on a scale of very dissatisfied, dissatisfied, satisfied and very satisfied).

Achieved (88%)

Measure 2 Families' rating of the suitability of the McLeans Forest mountain bike track for family riding.

Target 80% of families using the track, are satisfied or very satisfied (on a scale of very dissatisfied, dissatisfied, satisfied and very satisfied).

Achieved (96%)

2. Contributing to the implementation and monitoring of the Greater Christchurch Urban Development Strategy

Measure

Progress on implementing actions in the Greater Christchurch Urban Development Strategy and Action Plan 2007, for which Environment Canterbury is the lead agency.

Target Actions are undertaken as set out in the Greater Christchurch Urban Development Strategy.

Achieved

3. Collecting and providing soil quality and erosion information to enable sustainable land management

Measure The availability of soil quality and erosion information.

Achieved Technical work is progressing for reporting in 2010/11.

4. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for managing soil conservation.

Target 100% of reviewed plans.

Achieved Environment Canterbury made a submission on the review of the Ashburton District Plan, but hearings have not yet occurred.

5. Working with land managers to achieve sustainable land management

Measure 1 The percentage of areas with identified soil quality and erosion issues that are being addressed by resource care, community or industry groups.

Target 100%.

Achieved

Measure 2 The number of catchments involved in the Living Streams Programme.

Target The number is increasing.

Achieved Two new Living Streams have been added: Wairepo/Willowburn in the Upper Waitaki and Governors Bay Stream. From 2010/11 this work will be aligned with the Immediate Steps Biodiversity programme of the Canterbury Water Management Strategy.

6. Authorising and monitoring the use of natural and physical resources

Measure 1 The percentage of land resource consent applications processed in compliance with the statutory time frame set down in the Resource Management Act 1991.

Target 85%, increasing to 100% by 2011/12.

Not achieved (74%). 323 resource consents were issued with conditions to manage land use.

The volume of new resource consent applications fell by 25% in the 2009/10 year, and was 40% lower than the average volume for the last 5 years.

This reduction in volume has enabled resource to be directed into substantially reducing the number of outstanding consent applications in process.

There has also been a considerable investment of resource into improving consent processes, which along with changed provisions in the Resource Management Act has resulted in faster consent processing.

At the end of the 2009/10 year timeframe compliance was being achieved on over 80% of all new consent applications.

Measure 2 The percentage of land resource consents consistent with Resource Management Act 1991 requirements, including proposed and operative regional plan requirements.

Target 100%.

Achieved

Measure 3 The percentage of significant or major non-compliance with land resource consent conditions resolved (no further action is required).

Target 80% are resolved in six months. 95% are resolved in 12 months.

Achieved 90% were resolved in 6 months, 98% were resolved in 12 months.

Measure 4 The percentage of environmental incidents resolved (no further action is required) for land.

Target 95%.

Achieved 95% (389) incidents involving land were resolved during the year.

Regional Land Transport

Selected highlights in 2009/10

Good progress has been made by the Regional Transport Committee on the development of a new Canterbury Regional Land Transport Strategy for the period 2011-41.

Environment Canterbury facilitated six meetings of the Regional Transport Committee in 2009/10, overseeing the early stages of the development of the new Regional Land Transport Strategy and the implementation of the Regional Land Transport Programme. Key pieces of research, including evaluation of future multi-modal freight options and future energy supply security and prices, were also completed to support the Regional Transport Committee.

We also facilitated six meetings of the Active and Passenger Working Group, four meetings of the Freight and Network Efficiency Working Group, four Canterbury Active Transport Forum meetings and a Regional Road Safety Forum.

Levels of Service

1. Contributing to the planning, implementation and monitoring of a sustainable land transport system for Canterbury

Measure Planning partners' rating of Environment Canterbury's overall contribution.

Target 85% of partners are satisfied or very satisfied (on a scale of very dissatisfied, dissatisfied, satisfied and very satisfied).

Achieved (100%).

2. Coordinating regional road safety initiatives

Measure Road safety partners' rating of Environment Canterbury's co-ordination of the Regional Road Safety Programme.

Target 85% of partners are satisfied or very satisfied (on a scale of very dissatisfied, dissatisfied, satisfied and very satisfied).

Achieved (92%).

3. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for managing regional land transport.

Target 100% of reviewed plans.

Achieved





Public Passenger Transport

Selected highlights in 2009/10

This year we completed two major pieces of strategic planning work. The Timaru Metro Strategy was adopted by the Timaru District Council and Environment Canterbury following about 340 public submissions. We also completed the Greater Christchurch Metro Strategy 2010-16, with feedback received from more than 1,900 households in Greater Christchurch.

The most noticeable change to Christchurch's transport system this year was the introduction of new bus priority lanes on Main North Road/Papanui Road, the Queenspark route, and on sections of Colombo Street south.

We made good progress implementing an upgraded integrated electronic ticketing system.

In Christchurch, north-east and south-west Metro public transport service contracts were tendered, and these new contracts begin in July and November 2010.

Levels of Service

1. Providing public passenger transport services that are accessible

Measure Percentage of households in Greater Christchurch, and Timaru, within 500 metres walking distance of a bus stop.

Target 95%.

Not achieved

2. Providing timely services that get people to where they want to go

Measure Percentage of households in Greater Christchurch where occupants can get to two or more key activity centres by public passenger transport within 30 minutes.

Target The percentage increases over time (from a base of 43% in 2008/09).

Not achieved This is a new measure introduced by the 2009/19 LTCCP and being reported on for the first time.

3. Providing quality services and value for money

Measure Passenger rating of value for money and level of service.

Target 95% of passengers surveyed rate the service as good, very good or excellent (on a scale of dreadful, very poor, poor, good, very good and excellent).

Achieved 94% of passengers in Christchurch and 99% of Timaru passengers rated the value for money as good, very good or excellent.

Achieved 97% of passengers both in Christchurch and in Timaru rated our level of service as good, very good or excellent.

4. Providing services that are affordable and reliable

Measure 1 Residents' rating of affordability of services.

Target 95% of residents rate the affordability of services good, very good or excellent (on a scale of dreadful, very poor, poor, good, very good and excellent).

Achieved for Timaru (98%) but not for Christchurch (91%). Timaru's fares and rates are lower than those in Christchurch.

Measure 2 Percentage of scheduled trips that are completed.

Target 95% of scheduled public passenger trips are completed.

Achieved (99%).

5. Providing services that take an increasing role in meeting people's overall travel needs

Measure 1 The percentage of passenger trips in Greater Christchurch made by public passenger transport.

Target 3% or better by June 2016. This is a new measure introduced by the 2009/19 LTCCP and being reported on for the first time. It better reflects the role public transport is playing in people's travel choices across Greater Christchurch and how it is meeting the key issues identified for public passenger transport.

Measure 2 The number of trips per urban resident in Timaru each year.

Target 13 trips or more per urban resident of Timaru by 2016/17.

Measure 3 The annual total public passenger transport trips for Canterbury.

Target 18.6 million trips.

Due to the transition to an improved electronic ticketing system, passenger trip information for May and June 2010 was not available at the time of going to print. This information should become available during early 2010/11 and will be made available on our website as soon as a confirmed figure is available, and also included in the 2010/11 annual report. The result (17.3 million trips) therefore should be regarded as preliminary.

6. Providing total mobility schemes for transport - disadvantaged people

Measure Transport-disadvantaged people's rating of value for money and the level of service in Christchurch, Ashburton, Waimate and Timaru.

Target 85% of users rate the service as good, very good or excellent (on a scale of dreadful, very poor, poor, good, very good and excellent).

Achieved (99%).

7. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for public passenger transport.

Target 100% of reviewed plans.

Achieved

Coastal Environment

Selected highlights in 2009/10

This year we continued to monitor coastal water quality and biology at representative sites, including recreational bathing beaches.

Water quality at 83% of monitored bathing beaches was satisfactory for swimming all or most of the time: a similar result to recent years.

To assess ecosystem health, scientists continued to collect information on sediments and macrobiota at Brooklands Lagoon, Port Robinson, Childrens Bay, Okains Bay and the Ashley River/Rakahuri Estuary.

The number of marine oil spills in the region continues to be lower than 5 years ago, when about 30 incidents per year was the norm. This year there were 19 reported. 13 of the 19 were spills of 3 litres or less.

Implementation of the Northern Pegasus Bay Coastal Management Plan has progressed in conjunction with the Hurunui and Waimakariri District Councils.

In partnership with other groups we helped to stage Canterbury Seaweek activities, including community events at Kaikoura and the Orari River Mouth.

Levels of Service

1. Providing information about coastal hazards

Measure The percentage of coastal areas susceptible to coastal erosion and sea water flooding identified and mapped.

Target 100%.

Achieved

2. Improving water quality at swimming beaches

Measure 1 The percentage of monitored swimming beaches that are suitable for contact recreation, all or most of the time.

Target The percentage is increasing.

Not achieved The percentage has remained at 83%, which is the same as 2008/09.

3. Improving coastal water quality

Measure The percentage of coastal water quality monitoring sites recording ammonia-nitrogen levels below 0.5 milligrams per litre.

Target The percentage is increasing. This is a new measure for 2009/10 so no trend can yet be seen.

4. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for managing the coastal environment.

Target 100% of reviewed plans.

Achieved

5. Maintaining a regional marine oil spill response capability, including clean up and enforcement

Measure Availability of a regional response capability that meets Maritime New Zealand's requirements.

Target Available at all times.

Achieved

6. Authorising and monitoring the use of natural and physical resources

Measure 1 The percentage of coastal resource consent applications processed in compliance with the statutory time frame set down in the Resource Management Act 1991.

Target 85%, increasing to 100% by 2011/12.

Not achieved (83%).

Measure 2 The percentage of coastal resource consents consistent with Resource Management Act 1991 requirements, including proposed and operative regional plan requirements.

Target 100%.

Achieved

Measure 3 The percentage of significant or major non-compliance with coastal resource consent conditions resolved (no further action is required).

Target 80% are resolved in six months. 95% are resolved in 12 months.

Achieved 86% were resolved in 6 months, 98% were resolved in 12 months.

Corporate and Democratic Process

Selected highlights in 2009/10

We consulted the Canterbury community on the 2010/11 Annual Plan, and 438 submissions were received.

Customer Services staff had another very busy year, partly due to the strong interest in Clean Heat, and answered over 65,000 calls, up slightly on the previous year. In total, we handled 129,000 calls to Customer Services and reception, and 84% were answered within 20 seconds (target 80%). We relaunched our website in September 2009.

In March we launched the Environmental Awareness Programme curriculum, a joint venture with the Tai Poutini Polytechnic Digger School.

Twelve new schools joined the Enviroschools Canterbury programme during the year, bringing the total number to 58.

Levels of Service

1. Providing environmental leadership

Measure Percentage of the community who consider Environment Canterbury to be the lead agency in environmental management in the region.

Target 70% by 2011/12. 75% by 2018/19. This information is collected every 2 years. No new data are available for 2009/10.

Measure 2 The availability of information about the effectiveness of Environment Canterbury's regional policy statement and regional plan(s).

Achieved.

2. Providing value for money

Measure Percentage of the community who feel they get good value for money spent by Environment Canterbury.

Target 70% by 2011/12. 75% by 2018/19.

This information is collected every 2 years. No new data are available for 2009/10.

3. Making decisions that reflect the best interests of the community

Measure Percentage of the community who say they have faith that decisions made by Environment Canterbury represent the best interests of the community.

Target 65% by 2011/12. 70% by 2018/19.

This information is collected every 2 years. No new data are available for 2009/10.

4. Providing customer service

Measure Percentage of people using Environment Canterbury's Customer Services Call Centre who are satisfied with the service received.

Target 90% of customers rate the service as good or very good (on a scale of very poor, poor, fair, good and very good).

Not achieved We measure six aspects of customer service, with responses ranging from 77% to 94% satisfaction. The average rating was 85%.

5. Raising awareness and understanding of Canterbury's natural resource issues

Measure Participants' rating of the success of sustainability education programmes in raising awareness and understanding of Canterbury's natural resource issues.

Target 95% of participants rate the programmes' success as good, very good or excellent (on a scale of dreadful, very poor, poor, good, very good and excellent).

Achieved 104 of 106 (98%) participants responded positively.



Emergency Management

Selected highlights in 2009/10

We provided professional emergency management services and administration and financial services under contract to the Civil Defence Emergency Management Group.

The Regional Emergency Management Office commissioned an independent review of Environment Canterbury's emergency response coordination capabilities.

We also made significant contributions to numerous flood responses across Canterbury this year.

Levels of Service

1. Providing emergency management office and administering authority services under contract to the CDEM group

Measure Delivery of contract requirements.

Target All contract requirements delivered as specified.

Achieved

Energy

Selected highlights in 2009/10

A major report on the vulnerability of Canterbury to the impacts of global oil depletion was presented to the Regional Transport Committee in December 2009.

We continued to work with stakeholders across the region to refine our Draft Regional Energy Strategy.

Levels of Service

1. Partnering and advocating for energy efficiency with energy-related agencies

Measure Key agencies rating of how Environment Canterbury is working with them in improving energy efficiency.

Target 90% of key agencies rate Environment Canterbury's involvement as very good or excellent (on a scale of very poor, poor, satisfactory, very good and excellent).

Not achieved (55%). Only six of the 11 key agencies we work with provided comments on this specific aspect of our work in their feedback. Nonetheless, the other agencies welcomed dialogue around the development of the Draft Regional Energy Strategy and our leadership on targeted rates for home insulation and the Clean Heat Project. Our provision of information on energy issues and seed funding for community projects has been well-received.

2. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for energy efficiency.

Target 100% of reviewed plans.

Achieved

Hazards

Selected highlights in 2009/10

In May 2010, flooding in South Canterbury was measured as between a one in five and a one in 10-year flood in some rivers. We monitored rainfall and river flows, broadcast flood warnings on local radio, updated flood information on our website and the River Report Infoline, and our river engineers monitored vulnerable parts of the river systems during the event.

Other highlights included:

- Completing construction of the 6.5 km Valetta stopbank on the South Branch of the Ashburton River. The stopbank is designed to contain a 1 in 200 year flood for the communities of Ashburton and Tinwald.
- Repairing damage to river works in the lower Waitaki rating district from the May 2009 flood.
- Maintaining a network of 64 rainfall and 60 river water level recording stations to provide flood warnings.
- Completing floodplain modelling and inundation maps for the Temuka township area.
- Providing 465 flood hazard assessments to landowners.
- Compiling information on earthquake fault hazards in Ashburton and Mackenzie districts, including detailed mapping of the Ostler Fault near Twizel to assist Mackenzie District Council with district planning.
- Modelling tsunami inundation for communities along the Pegasus Bay coast.
- Completing 160 earthquake hazard reports for landowners.

We will report on our response to the September 4 2010 earthquake in our Annual Report for 2010/11.

Levels of Service

1. Providing information during floods

Measure 1 The provision of river flood warnings to key agencies when agreed trigger levels are exceeded.

Target Police, civil defence emergency management, radio stations and territorial authorities receive flood warnings.

Achieved

Measure 2 The percentage of time that up-to-date river level and flood information is available on Environment Canterbury's website and the River Report info line.

Target Information is available at all times.

Achieved

2. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for managing natural hazards.

Target 100% of reviewed plans.

Achieved

3. Reducing flood risk

Measure 1 The percentage of river and drainage schemes that perform as designed during flood events.

Measure 2 The percentage of schemes maintained to their full service potential.

Target for Measures 1 and 2 100% (all 61 schemes).

Achieved

4. Collecting and providing natural hazard information

Measure 1 The availability of river flood hazard information.

Achieved

Measure 2 The availability of earthquake fault avoidance zone maps.

Achieved for Mackenzie.

Not achieved for Waimate because the report was deferred indefinitely following budget reprioritisation.

Measure 3 The availability of natural hazard information on Environment Canterbury's website.

Target Information is updated six-monthly and is available at all times.

Partially achieved Some information is available on our website, and there is a further update in progress at the time of publishing this report.

5. Authorising the safe and sustainable design and construction of dams and associated structures, and ensuring ongoing dam safety

Measure 1 The percentage of building consents for dams processed in compliance with the statutory time frames set down in the Building Act 2004.

Target 100%.

Achieved

Measure 2 The percentage of building consent conditions for dams consistent with Building Act 2004 requirements.

Target 100%.

Achieved

Measure 3 The percentage of dams classified as "medium or high potential impact" that have a registered dam safety assurance programme.

Target 100%.

We do not have any dams classified as "medium or high potential impact" on our dams register, so this measure does not yet apply.

6. Authorising and monitoring the use of natural and physical resources

Measure The percentage of gravel extraction resource consents consistent with Resource Management Act 1991 requirements, including proposed and operative regional plan requirements.

Target 100%.

Achieved

Navigation Safety

Selected highlights in 2009/10

Following public submissions, temporary regulations were put in place for Lake Ruataniwha to improve recreational boating safety.

We also made direct contact with over 1000 recreational boat users at the Canterbury Boatshow in September 2009.

The first formal phase of development of the Safety Management System for Lyttelton Port of Christchurch has been achieved, in accordance with the National Port and Harbour Marine Safety Code, with the publication and approval of the Lyttelton Harbour Risk Assessment.

Levels of Service

1. Reducing navigation risk for ships and other commercial vessels in ports and harbours

Measure The availability of risk reduction infrastructure and services at key ports and harbours.

Achieved

2. Reducing navigation risk for recreational users of harbours and high-use inland waterways

Measure 1 The availability of risk reduction infrastructure, services and education at key high recreational-use harbours and inland waterways.

Achieved

Measure 2 Recreational users' rating of risk reduction infrastructure, services and educational information available at key harbours and high-use inland waterways.

Target 85% of users rate the risk reduction infrastructure, services and education information good, very good or excellent (on a scale of dreadful, very poor, poor, good, very good or excellent).

Achieved

Pests and Biodiversity

Selected highlights in 2009/10

During the year the Regional Pest Management Strategy was reviewed (it is halfway through its 10-year term).

Protecting indigenous biodiversity requires management of weed and pest threats and appropriate land and water use practices. This year we provided incentive grants to 46 projects.

The Banks Peninsula possum and feral goat control programme, aimed at protecting biodiversity values, continued successfully into its seventh year.

This year we facilitated a collaborative Wilding Conifer Strategy.

In September 2009 the first Canterbury Restoration Field Days were held at Motukarara.

Later in the year two other successful field days were held as part of World Wetland Day, at Boggy Creek near Te Waihora and at Wainono Lagoon in South Canterbury.

Levels of Service

1. Controlling pest threats to production from land and biodiversity

Measure 1 The number of sites with total control plants where seed is set.

Target None.

Achieved

Measure 2 The number of rooks.

Target 8.

Achieved (7)

Measure 3 The average number of nassella tussock plants per hectare.

Target A decline in the average number of nassella tussock plants per hectare.

Achieved The number declined from 14.8 plants per hectare in 2008/09 to 14.2 plants per hectare in 2009/10.

Measure 4 The effectiveness of containment pest control programmes in keeping rabbits and wallabies below level 3 on the McLean and Guilford scales, and preventing the area of gorse and broom from increasing.

Target 100%.

Achieved

Measure 5 The number of new biodiversity pest control programmes initiated annually.

Target 2.

Achieved

Measure 6 The number of restricted or unwanted pests that become established.

Target None.

Achieved

2. Maintaining a capability to respond to incursions of unwanted pests

Measure 1

Availability of a regional response capability that meets Biosecurity New Zealand's requirements.

Target Available at all times.

Achieved



3. Maintaining and enhancing Canterbury's indigenous biodiversity

Measure 1 Progress on implementing priority actions in the Regional Biodiversity Strategy where Environment Canterbury is the lead agency.

Achieved

Measure 2 The area of indigenous vegetation in threatened environments with 20% or less remaining.

Target The area of indigenous vegetation is increasing. This is a new measure introduced by the 2009/19 LTCCP and will be reported 3 yearly (2011/12, 2014/15, 2017/18).

Waste, Hazardous Substances and Contaminated Sites

Selected highlights in 2009/10

Our work this year has increased the amount of information available on contaminated or potentially contaminated sites, including the completion and public roll-out of the Listed Land Use Register database for Canterbury.

The clean-up of Bankside Pit was completed. This is a historic World War II fuel bunker in Selwyn District which over the years had become a dump for agrichemicals.

This year contaminated sites staff took part in five field investigations which supported enforcement actions. In two cases where significant non-compliance occurred, one investigation resulted in a guilty plea, leading to the region's first Restorative Justice Hearing over a contaminated site.

We completed the Annual Waste Data Report which showed that although the total amount of waste recorded in Canterbury has increased, more materials are being diverted from landfill as recycling, reusable materials or organic waste.

We also collected just over 2.7 tonnes of unwanted agrichemicals through the Targeted Agrichemical Collection Programme, bringing the total collected since 2003/04 to 198.7 tonnes.

This year, 281 business sites received a Pollution Prevention Guidelines site assessment to help them assess environmental and business risks associated with a pollution event.

Levels of Service

1. Providing advice on preventing pollution from industrial and commercial sites

Measure The number of sites that receive a site assessment and guidance on pollution prevention each year.

Not achieved Staff changes within the pollution prevention team affected the number of sites able to be visited. The target was revised to 280 sites midway through the year.

2. Removing and disposing of existing unwanted agrichemicals

Measure The number of territorial authorities that have completed the Canterbury Targeted Agrichemical Collection programme.

Target 9.

Achieved

3. Identifying contaminated sites and encouraging remediation or mitigation of the effects

Measure 1 The number of territorial authorities where all land with activities listed on the Hazardous Activities and Industries List (HAIL) has been identified,

and registered on the Listed Land Use Register and screened for risk.

Target 3.

Achieved

Measure 2 The percentage of contaminated sites identified as having an impact on the environment that are remediated.

Target The percentage is increasing.

Achieved

4. Providing accurate information about the risks of exposure to contaminated land

Measure The availability of up-to-date information on Environment Canterbury's website answering frequently asked questions about exposure to contaminated land.

Target Information is updated six-monthly and is available at all times.

Achieved

5. Working with territorial authorities

Measure The percentage of reviewed district and city council plans that give effect to or are not inconsistent with regional policies for managing waste, hazardous substances and contaminated sites.

Target 100% of reviewed plans.

Achieved

6. Authorising and monitoring the use of natural and physical resources

Measure 1 The percentage of discharge permits or land use resource consent applications processed in compliance with the statutory time frame set down in the Resource Management Act 1991 for waste, hazardous substances and contaminated sites.

Target 85%, increasing to 100% by 2011/12.

Not achieved (78%).

There has been a considerable investment of resource into improving consent processes, which along with changed provisions in the Resource Management Act has resulted in faster consent processing.

At the end of the 2009/10 year timeframe compliance was being achieved on over 80% of all new consent applications.

Measure 2 The percentage of discharge permits or land use resource consents consistent with Resource Management Act 1991 requirements, including proposed and operative regional plan requirements for waste, hazardous substances and contaminated sites.

Target 100%.

An external audit done by Dr Mike Freeman (an independent contractor) was undertaken on 6 out of 23 consents applied for and issued in the 2009/10 year.

Not achieved (83%). 1 consent (17%) was found to have deficient consent conditions. All were determined to have had the correct decision made to grant.

Measure 3 The percentage of significant or major non-compliance with discharge permits or land use resource consent conditions resolved (no further action is required) for waste, hazardous substances and contaminated sites.

Target 80% are resolved in six months. 95% are resolved in 12 months.

Achieved (100%).

Measure 4 The percentage of environmental incidents resolved (no further action is required) for waste, hazardous substances and contaminated sites.

Target 95%.

Achieved These data have been captured under the Land, Water, or Coastal groups of activities depending on where the waste issue occurred. Most were in the Land portfolio and were the result of unauthorised dumping onto land. All these portfolios achieved the target of 95% incidents resolved.

Civil Defence Emergency Management Group

Selected highlights in 2009/10

Tsunami, 28 February 2010: We coordinated an effective region-wide response to the Chilean earthquake tsunami.

We also coordinated responses across the region to national tsunami warnings in July and September 2009.

H1N1 pandemic, May-August 2009: The response to this was led locally by the Canterbury and South Canterbury District Health Boards and we supported these organisations with response coordination, public information management and response debriefing.

Levels of Service

1. Providing a coordinated response capability to enable the community to respond effectively to emergencies

Measure The level of co-ordination among the CDEM Group, territorial authorities, Environment Canterbury and response agencies, as assessed by independent observers at civil defence emergency management exercises.

Target Likely to be effective in an emergency (on a scale of unlikely to be effective in an emergency [needs substantial improvement], likely to be effective in an emergency [needs only minor improvement], highly likely to be effective in an emergency).

Achieved

2. Providing facilities for coordinating emergency response and recovery work

Measure The state of readiness of the Group Emergency Co-ordination Centre (ECC), alternate ECC, and emergency communications network.

Target 100% readiness, 24-hours/7 days.

Achieved

3. Encouraging agencies with responsibilities for lifelines infrastructure, as set out in the CDEM Group Plan, to increase resilience

Measure 1 The percentage of agencies that have identified the hazards that affect their critical infrastructure.

Target 100% ongoing.

Achieved

Measure 2 The percentage of agencies that have determined the impacts of those relevant hazards on infrastructure and operations.

Target 100% by 2011/12.

Achieved

Measure 3 The percentage of agencies that have put in place a management programme to mitigate the unwanted effects of the hazards.

Target 100% by 2015/16.

Achieved

4. Improving personal self-sufficiency to increase community resilience

Measure Percentage of the community who have enough food, emergency cooking facilities and water for at least three days, in the event of a major emergency event.

Target 75% by 2015/16. This information is collected every two years. No new data are available for 2009/10.



Financial summary

In 2009/10 we received income of \$127.5 million from a range of sources (our operating income). This was made up as outlined below.

General rates from all ratepayers.

This total was higher than in 2008/09 but was less per \$100,000 of capital value. The general rate per \$100,000 decreased from \$33.53 to \$33.52. **30.6% of income**

Targeted rates in specified areas for services such as catchment works, passenger transport and the Clean Heat scheme, which were provided only to those areas. Targeted rates were slightly higher than last year, with more than half levied on Christchurch ratepayers for the provision of public passenger transport services. **26.4% of income**

Government and other grants for services such as passenger transport and Clean Heat. **23.9% of income**

User-pays income includes charges for the use of catchment reserve lands, consent application and monitoring charges, and passenger fares on some bus services. Revenue from processing resource consent applications has increased as two large group applications covering Rakaia/Selwyn and Selwyn/Waimakariri were completed this year. These are processed on a cost recovery basis, so expenditure has correspondingly increased. **19.1% of income**

Surplus/(deficit). Surplus funds are transferred to reserves for use in future years. Where funds are collected for a specific purposes (such as river control works) any surplus or deficit is transferred to the reserve for the specific rating district.

Summary statement of comprehensive income (\$000)

| | Actual 2009/10 | Budget 2009/10 | Actual 2008/09 |
|---|----------------|----------------|----------------|
| General rates | 38,994 | 38,519 | 35,187 |
| Targeted rates | 33,711 | 33,306 | 33,401 |
| Grants | 30,455 | 31,035 | 26,737 |
| User pays and other income | 24,329 | 24,051 | 15,486 |
| Total operating income | 127,489 | 126,911 | 110,811 |
| Total operating expenditure | 121,382 | 123,982 | 108,135 |
| Net surplus/(deficit) | 6,107 | 2,929 | 2,676 |
| Taxation | (13) | - | (3) |
| Surplus/(deficit) after taxation | 6,094 | 2,929 | 2,673 |

Sources of income (\$000)

User pays and other income \$24,329

Grants \$30,455

Total operating income = \$127,489

General rates \$ 38,994

Targeted rates \$33,711

In 2009/10 we spent \$121.4 million (our operating expenditure) to deliver the organisation's responsibilities. This was spent across our portfolio activities.

Investment in portfolio activities

Compared with the previous year, a number of changes to levels of expenditure were made reflecting changes in the organisation's priorities.

This year we increased expenditure in our **Water Quality, Quantity and Ecosystems portfolio** (a total for the year of \$24.1 million). This increase related particularly to work on the relevant chapter of the Canterbury Natural Resources Regional Plan, and the Canterbury Water Management Strategy.

The **Public Passenger Transport portfolio** is our largest area of expenditure, with \$45.5 million spent on these activities during the year. To help fund this, New Zealand Transport Agency provided a grant of \$25 million including funding for the introduction of a new Metrocard ticketing system currently being implemented across Christchurch's bus services. Initiatives relating to the introduction of the Supergold card and implementation of the new Metrocard ticketing system have contributed to increased expenditure in this portfolio.

Expenditure on **Air Quality portfolio** initiatives includes the Clean Heat project. Clean Heat targeted rates are now levied across Christchurch, Ashburton, Timaru and Waimakariri, with these programmes providing incentives to encourage conversions to clean heating systems. The Energy Efficiency and Conservation Authority provided \$4.6 million this year to support clean heat and energy efficiency programmes in Christchurch, Ashburton, Timaru and Waimakariri.

In the **Land portfolio**, progress on the Urban Development Strategy has been accelerated and additional resources have been devoted to this project, which is carried out in collaboration with the Christchurch, Selwyn and Waimakariri Councils. Work on regional parks in Waimakariri and Tekapo continued during the year as planned. Biodiversity projects previously recorded under Land were shifted to Pests and

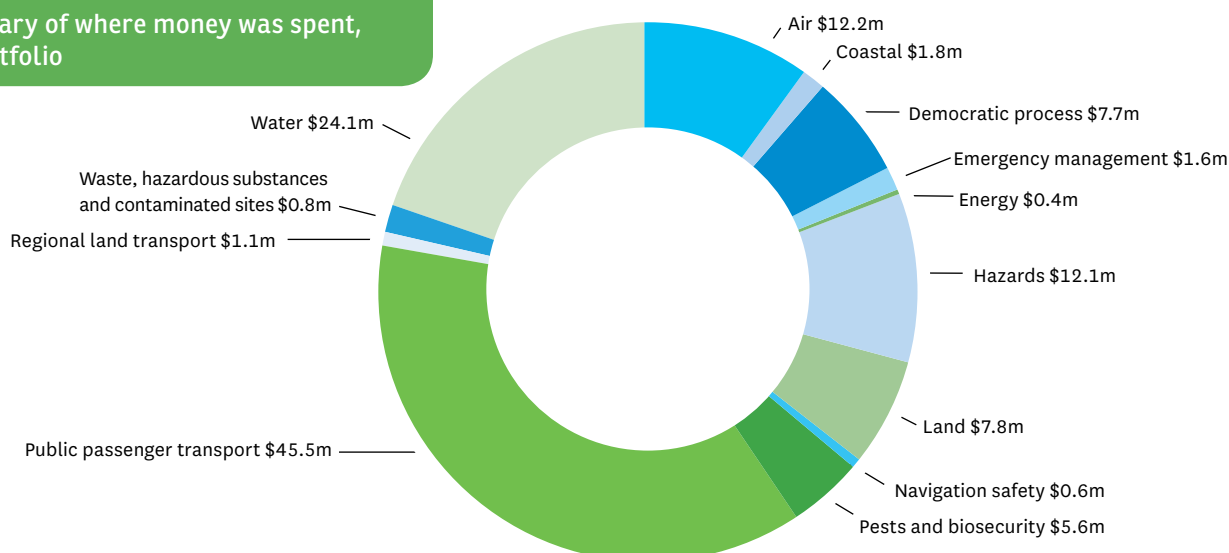
Portfolio results (\$'000)

| | Income 2009/10 | Expenditure 2009/10 | Net surplus (deficit) before tax 2009/10 |
|--|-------------------|------------------------|---|
| Air | 13,168 | 12,248 | 920 |
| Coastal | 1,875 | 1,753 | 122 |
| Democratic process | 8,473 | 7,707 | 766 |
| Emergency management | 1,635 | 1,628 | 7 |
| Energy | 641 | 372 | 269 |
| Hazards | 13,211 | 12,137 | 1,074 |
| Land | 6,585 | 7,809 | (1,224) |
| Navigation safety | 666 | 619 | 47 |
| Pests and biosecurity | 5,582 | 5,602 | (20) |
| Public passenger transport | 49,320 | 45,486 | 3,834 |
| Regional land transport | 1,102 | 1,136 | (34) |
| Waste, hazardous substances and contaminated sites | 2,030 | 1,845 | 185 |
| Water | 22,281 | 24,089 | (1,808) |
| Total significant activities | 126,569 | 122,431 | 4,138 |
| Other | 920 | (1,049) | 1,969 |
| Total | 127,489 | 121,382 | 6,107 |

Biodiversity where they are more closely aligned with the programme of work.

In terms of expenditure in the **Hazards portfolio**, much of this is funded from targeted catchment rates levied across the region. This year these included a new three-tier targeted rating district for the Waimakariri Flood Protection Project. The tiers represent different levels of protection and vary based on factors such as distance from the river. New rating districts were also established in response to community requests following flood events the previous year.

Summary of where money was spent, by portfolio



Financial summary

Financial position

Environment Canterbury's financial position remains sound, with an increase in equity and positive working capital. Total public debt is up slightly at 1.1% of total assets, reflecting the planned increase in Clean Heat loans advanced to ratepayers which are funded from a bank facility.

Assets

Property, plant and equipment form 93% of Environment Canterbury's total assets, with the most significant being the network of river control works and land drainage schemes designed to protect the Canterbury region's transport and communication networks.

Additions during the year included improvements to the regional parks in Waimakariri and Lake Tekapo, further additions to flood protection works and the introduction of a new bus ticketing system to better support passenger transport services.

Current assets at year end included cash and receivables which were significantly higher than last year, as a result of the surplus at year end and a large grant which was due in July 2010 just after year end.

Clean Heat loans to ratepayers increased by \$2 million this year, not as much as expected, with funding for the increase provided from a bank facility. Hedges are in place to provide a reasonable level of certainty around the interest rate payable over the life of the Clean Heat project.

Liabilities

Debt levels remain low, with the only increases attributable to the Clean Heat loan scheme and an increase in accounts payable due to a large invoice for a capital purchase due for payment just after year end.

The Clean Heat loan facility increased by \$2 million this year. The facility is for a period of 10 years. To provide a reasonable level of certainty over the associated cash flows, hedges have been put in place in accordance with Environment Canterbury's Debt Management Policy.

Summary statement of financial position (\$000)

| | Actual 2009/10 | Budget 2009/10 | Actual 2008/09 |
|-------------------------------|----------------|----------------|----------------|
| Cash and investments | 18,680 | 10,250 | 14,194 |
| Property, plant and equipment | 571,644 | 576,014 | 569,293 |
| Other assets | 27,163 | 40,727 | 23,385 |
| Total assets | 617,487 | 626,991 | 606,872 |
| Public debt | 6,632 | 19,649 | 4,863 |
| Other liabilities | 18,138 | 18,525 | 15,273 |
| Total liabilities | 24,770 | 38,174 | 20,136 |
| Net assets | 592,717 | 588,817 | 586,736 |

Summary statement of cash flows (\$000)

| | Actual 2009/10 | Budget 2009/10 | Actual 2008/09 |
|--|----------------|----------------|----------------|
| Net cash flows from operating activities | 10,131 | 9,087 | 2,751 |
| Net cash flows from investing activities | (7,392) | (22,915) | (4,707) |
| Net cash flows from financing activities | 1,769 | 10,519 | 3,774 |
| Net increase/(decrease) in cash held | 4,508 | (3,309) | 1,818 |
| Opening cash balance | 8,432 | 7,816 | 6,614 |
| Closing cash balance | 12,940 | 4,507 | 8,432 |

To the readers of Environment Canterbury's summary annual financial statements, service performance information and the other requirements for the year ended 30 June 2010

We have audited the summary financial statements, service performance information and the other requirements of Schedule 10 of the Local Government Act 2002 as set out on pages 4 to 16.

Unqualified Opinion

In our opinion:

- the summary financial statements, service performance information and the other requirements represent, fairly and consistently, the information regarding the major matters dealt with in the annual report; and
- the information reported in the summary financial statements, service performance information and the other requirements complies with FRS-43: Summary Financial Statements and is consistent with the full financial statements, service performance information and the other requirements from which they are derived.

We expressed an unqualified audit opinion, in our report dated 30 September 2010, on:

- the full financial statements;
- the service performance information; and
- the Council's compliance with the other requirements of Schedule 10 of the Local Government Act 2002 that are applicable to the annual report.

Basis of Opinion

Our audit was conducted in accordance with the Auditor General's Auditing Standards, which incorporate the New Zealand Auditing Standards.

In addition to the audit, we are completing an assurance engagement reporting on the procurement process for the Waimakariri flood protection project. This engagement is compatible with those independence requirements.

Other than the audit, the assurance engagement, and in carrying out the audit of the long-term council community plan and subsequent amendments to the plan, we have no relationship with or interests in Environment Canterbury.

Responsibilities of the Council and the Auditor

The Council is responsible for preparing the summary financial statements, service performance information and the other requirements of Schedule 10 of the Local Government Act 2002 and we are responsible for expressing an opinion on those summary financial statements, service performance information and the other requirements of Schedule 10 of the Local Government Act 2002. These responsibilities arise from the Local Government Act 2002.



Julian Tan, Audit New Zealand

On behalf of the Auditor-General, Christchurch, New Zealand,
30 September 2010

MATTERS RELATING TO THE ELECTRONIC PRESENTATION OF THE SUMMARY AUDITED FINANCIAL STATEMENTS, SERVICE PERFORMANCE INFORMATION AND THE OTHER REQUIREMENTS

This audit report relates to the summary financial statements, service performance information and the other requirements of Environment Canterbury for the year ended 30 June 2010 included on its website. The Council of Environment Canterbury is responsible for the maintenance and integrity of the website. We have not been engaged to report on the integrity of the website. We accept no responsibility for any changes that may have occurred to the summary financial statements, service performance information and the other requirements since they were initially presented on the website.

The audit report refers only to the summary financial statements, service performance information and the other requirements named above. It does not provide an opinion on any other information which may have been hyperlinked to or from the summary financial statements, service performance information and the other requirements. If readers of this report are concerned with the inherent risks arising from electronic data communication they should refer to the published hard copy of the audited summary financial statements, service performance information and the other requirements as well as the related audit report dated 30 September 2010 to confirm the information included in the audited summary financial statements, service performance information and the other requirements presented on this website.

Legislation in New Zealand governing the preparation and dissemination of financial information may differ from legislation in other jurisdictions.

Commissioners and their responsibilities

Commissioners 2009/10



Dame Margaret Bazley (Chair)



Hon David Caygill (Deputy Chair)



David Bedford



Donald Couch



Tom Lambie



Honorary Professor Peter Skelton CNZM



Rex Williams

Regional Planning Committee

Peter Skelton is Chair of the Regional Planning Committee.

Finance and Audit Committee

David Bedford, Dame Margaret Bazley and Rex Williams make up the Finance and Audit Committee.

Canterbury Regional Transport Committee

Rex Williams and Tom Lambie are the regional council representatives, with Rex Williams as chair.

Canterbury Civil Defence and Emergency Management Joint Committee

Donald Couch is the regional council representative.

Chief Executive Performance Review

Dame Margaret Bazley is Commissioner responsible for the Chief Executive's performance review.

Māori Affairs

Donald Couch and Dame Margaret Bazley are the Commissioners responsible for this function.

Canterbury Water Management Steering Group

David Caygill and Peter Skelton are the regional council representatives.

Greater Christchurch Urban Development Strategy (UDS) Implementation Committee

Rex Williams and Tom Lambie are the regional council representatives to the committee.

Regulation Overview

Peter Skelton and David Bedford are the Commissioners responsible for regulation overview.

Regulation Hearing Committee

Peter Skelton is chair of this committee, with members Tom Lambie and Donald Couch.

Council Portfolio Groups

Commissioners are responsible for portfolio activities, as follows:

Democratic process

Dame Margaret Bazley

Combined portfolios

Dame Margaret Bazley

Water quality, quantity and ecosystems

David Caygill

Air quality and energy

David Bedford

Coasts and navigation safety

Donald Couch

Hazards and emergency management

Donald Couch

Land, biodiversity, pest management, waste, hazardous substances and contaminated sites

Tom Lambie

Regional land transport and public passenger transport

Rex Williams

In addition to these portfolio groups, note that Peter Skelton is responsible for regional planning matters.

Councillors 2009/10

Following a government review of Environment Canterbury and the passing of new legislation, the 14 elected councillors were replaced by the commissioners on 1 May, 2010.

Hon. Sir Kerry Burke (chairman until September 2009) - Christchurch South

Jane Demeter - Christchurch North

Carole Evans - Christchurch North

Pat Harrow - Christchurch West

Rik Tindall - Christchurch East

Jo Kane (deputy chairperson) - North Canterbury

Emeritus Prof. Bob Kirk - Christchurch South

Ross Little - North Canterbury

Angus McKay - Rakaia

Bronwen Murray - South Canterbury

Alec Neill (chairman September 2009 - April 2010) - Christchurch West

Mark Oldfield - South Canterbury

Eugenie Sage - Selwyn/Banks Peninsula

David Sutherland - Christchurch East

Directorate

Dr Bryan Jenkins

Chief Executive

bryan.jenkins@ecan.govt.nz

Don Rule

Director Planning & Consents

don.rule@ecan.govt.nz

Wayne Thomas

Director Finance & Corporate Services

wayne.thomas@ecan.govt.nz

Kim Drummond

Director Regulation

kim.drummond@ecan.govt.nz

Ken Taylor

Director Investigations & Monitoring

ken.taylor@ecan.govt.nz

Jackie Curtis

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Everything is connected

*Promoting quality of life through
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