




12 Month Review to 30 June 2016

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Key

	The target has been achieved, either to date, or in total.
	The target is in progress, or partially achieved. .
	The target has not been achieved.

EXECUTIVE SUMMARY

Introduction

This document provides a summary of progress made on the achievement of our activities to the end of June 2016, along with details of how those activities are tracking against budgets.

Activity Achievement

Environment

Of the 10 performance targets within this activity, four targets have been fully achieved as follows:

- Ground water allocation limits have not been violated.
- 93% of landholders are aware of the rural water quality rules, compared to a target of 80%.
- All reported blockages obstructing scheduled rivers were actioned within given time frames.
- Reported environmental incidents were acknowledged and assessed within 0.5 hours of receipt.

One performance target has been partially achieved as follows:

- Water quality that meets the thresholds set out in the water plan continued to be met for 65 river sites out of 70 (57 sites were the same as the last reporting period, and 8 sites had improved water quality). Water quality at five river sites was not as good as for the previous reporting period, having degraded one grade. Seven lake sites had the same water quality as the previous period, but one lake site had degraded one grade.

Five performance targets are showing as not having been achieved as follows:

- Compliance with prohibited activity rules (dairy farms) is at 93%, not the targeted 100%.
- One significant breach of a minimum flow due to abstraction occurred during the summer months, our target being that there are no violations of minimum flows due to abstraction.
- All but Dunedin breached the air quality NES standards on multiple occasions. Our target is that there is no more than one breach of the air quality NES standards in Airzone 1 towns.
- Our target that all properties inspected have rabbit numbers under MAL3, or have a property management plan in place was not achieved. 50 properties inspected were not compliant and required management plans or amendment to existing plans.
- Our target that 70% of properties inspected have no pest plant infestations found was not achieved. 46% of properties inspected were compliant.

Community

The two performance targets within this activity were fully achieved as follows:

- All planning and reporting has been completed within statutory timeframes.
- All Council and Committee meeting agendas were made available at least two working days prior to each meeting.

Regulatory

Of the five performance targets within this activity, four were fully achieved as follows:

- 100% of consent applications were processed within statutory timeframes.
- Our target that 85% or more of performance monitoring returns showed compliance with consent conditions was achieved, the compliance rate being 87%.
- There were no major harbour incidents (collisions) during the period.
- One spill occurred and was responded to within the target time frame of 1.5 hours of notification.

One performance target was not achieved as follows:

- The compliance rate of audits showing compliance with consent conditions was 72%, not achieving our target of 85%.

Flood protection and control works

There are 31 performance targets within this area, covering all of the schemes. Of these, 23 were fully achieved as follows:

- No flood events occurred during the period for which flood damage needed to be identified, prioritised and repaired.
- Contain all floods and provide drainage modulus as determined for each scheme. These targets were met for all schemes.
- 24/7 monitoring of control systems was undertaken. Pumps are all telemetered and should there be a problem, a text message is sent to ORC.
- Arrangements are in place with suppliers for control systems maintenance.
- For the Leith, the target for the 2016/17 year to undertake flood hazard mitigation works was achieved by the year end.
- The drains and channel flow paths for the Tokomairiro scheme were maintained to ensure hydraulic capacity.
- The surface of the Shotover river delta is being managed through gravel extraction to ensure the delta is consistent with the target profile.

Four performance targets, across all the schemes, are still in progress, and so achievement has not yet been determined as follows:

- Identification, availability and safe storage requirements for spare parts for pump stations have all been completed. The purchase of those parts is still to be done.

Four targets in this activity, across the schemes, have not been achieved as follows:

- Standby generation for pump stations has been considered but proven to be cost prohibitive. Hire options are available when needed.

Safety and hazards

Of the four targets in this area, three were fully achieved as follows:

- Natural hazards information has been provided to the public via a web based database.
- No emergency management events occurred during the period.
- No events occurred during the period for which rainfall and flow information needed to be provided to the public.

One performance target is still in progress as follows:

- The group emergency co-ordinating centre can be fully operational within one hour of activation. Following a redesign of the area, a test run is planned for August 2016.

Transport

Of the four targets in this activity, three were fully achieved as follows:

- 99% of services monitored departed on time compared to the target of 95%
- 100% of vehicles (PTOM contracts) comply with quality standards
- In Dunedin, a survey showed 89% satisfaction with standards of service compared to the target of 85%.

One performance target was not achieved as follows:

- Patronage in Dunedin dropped by 4%, compared to the target to grow by 3%.

As reported at the 8 month review, we have identified that when setting our targets, we need to be more focused on what our role is towards achieving outcomes. Many of the targets we have set ourselves are ones that we cannot control the achievement of. For example, we do not directly control water or air quality. Our 2016/17 annual plan addresses these issues by refocussing our targets to reflect our responsibilities. For example, our target for air will be around monitoring air quality, reporting results and educating, rather than ORC directly achieving the NES for air.

In addition to the performance targets discussed above, a considerable amount of work has been undertaken within each activity, and further details can be found within the body of this report.

Financial Achievement

Actual and budgeted costs and their revenue sources are shown below:

Estimated, Forecast and Actual Cost

Activities	Actual to 30 June 16 \$000s	LTP Estimated to 30 June 16 \$000s	Variance () = Over spend
Water	6,293	7,272	979
Air	432	440	8
Land	1,693	2,091	398
River management	1,638	1,811	173
Enviro. incident	1,346	979	(367)
Community	4,641	4,150	(491)
Regulatory	3,804	3,975	171
Flood protection	5,165	8,907	3,742
Safety & hazards	2,022	2,051	29
Transport	8,898	14,163	5,265
Total costs	35,932	45,839	9,907

Variances in actual versus estimated expenditure are discussed within each section of this report.

Estimated and Actual Revenue

Revenue	Actual to 30 June 16 \$000s	LTP Estimated to 30 June 16 \$000s	Variance () = Under spend
Total project costs	35,932	45,839	(9,907)
<i>Funded by:</i>			
General rates*	15,042	14,540	502
Targeted rates	8,970	9,092	(122)
Fees and charges	2,254	3,565	(1,311)
Grants	4,791	8,259	(3,468)
Internal charges	882	878	4
Infringement/fines	275	405	(130)
Other income	1,622	1,276	346
General reserves	1,147	1,365	(218)
Scheme reserve	949	6,459	(5,510)
Total revenue	35,932	45,839	9,907


*before applying dividends and interest income to reduce the general rate requirement.

The over spend in general rates will be funded from general reserves.

Variances in funding are discussed within each section of this report.

ENVIRONMENT

Water Quality

Level of service – Maintain or improve water quality	Achieved?
Measure – State of the Environment monitoring.	
Performance target – Water quality that meets thresholds set out in the Regional Plan: Water continues to be met.	

Target mostly met. Water quality thresholds for surface and groundwater have been set in Schedule 15 of the Regional Plan: Water.

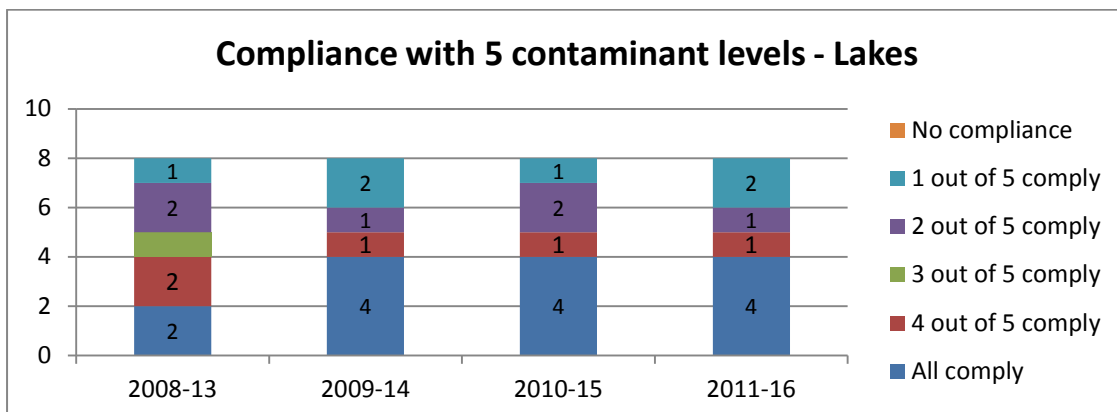
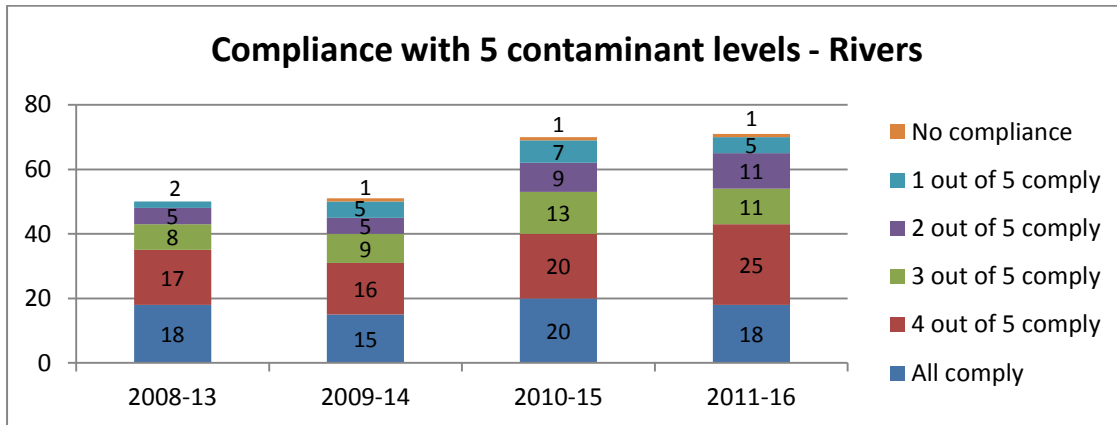
The contaminants measured for rivers are:

- Nitrite-nitrate nitrogen
- Dissolved reactive phosphorous
- Ammoniacal nitrogen
- Ecoli
- Turbidity

The contaminants measured for lakes are:


- Total nitrogen
- Total phosphorous
- Ammoniacal nitrogen
- Ecoli
- Turbidity

For rivers, water quality is measured as a five year 80th percentile (when flow is at median or below median flow), and lakes are measured as a five year 80th percentile, at State of Environment monitoring sites. The results from our monitoring are shown below.

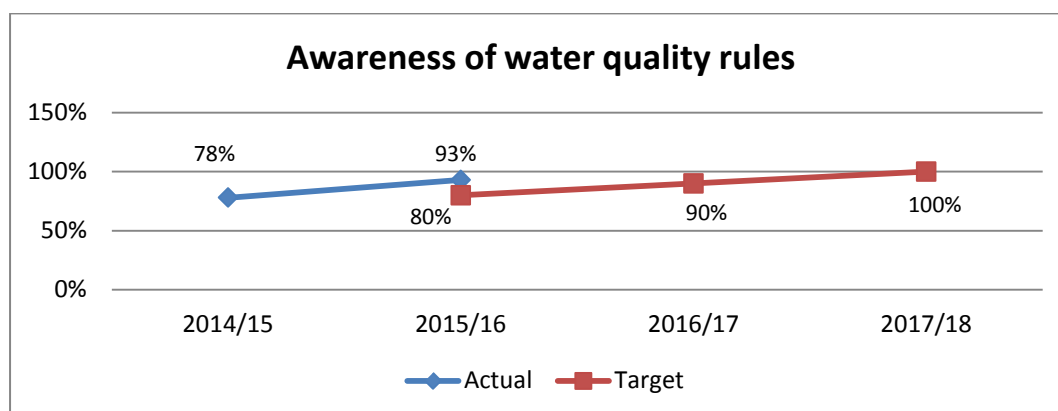


In 2014/15, 70 river sites were monitored. Of those sites, 59 have remained in the same category of contaminant levels, five have improved, and six have degraded one grade.

Of the eight lake sites monitored, seven sites have remained in the same category, and one site has degraded one grade. [A report \(Water Quality and Ecosystem Health in Otago\) can be found on our website, providing details of the sites monitored.](#)


Level of service – Maintain or improve water quality	Achieved?
Measure – Awareness survey.	
Performance target – Landholder awareness of Regional Plan: Water rules at 80% in 2015/16, increasing to 100% by 2017/18.	

Target met. An awareness survey was undertaken in the last reporting period, and results are shown below.

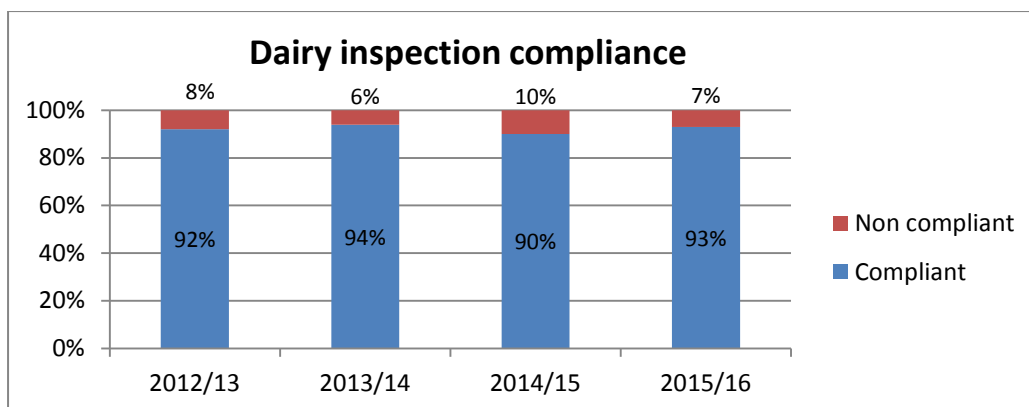


Activities undertaken to promote awareness of the rules included:

- Regular contact with stakeholders including Dairy NZ, Federated Farmers, Otago Contractors Federation, Kakanui catchment steering group, beef and lamb industry, and NZ Landcare Trust.
- Participation in field days and working groups including NOIC and WIC group meetings, working with contractors who work in waterways, and working with forestry contractors.
- Completion of fact sheet “What is a River”.

Level of service – Maintain or improve water quality	Achieved?
Measure – Dairy inspection and other farm monitoring.	
Performance target – 100% compliance with prohibited activity rules in the Regional Plan: Water.	

Target not met. 373 dairy inspections were undertaken (out of approximately 450). Compliance results compared to previous years are as follows:




Work is underway on the non-compliant dairy farms, and where appropriate, enforcement action is being undertaken. To date, enforcement involves two prosecutions, and issuing 13 infringement notices.

Other farm monitoring has included flyovers of winter crops, and some farm forestry monitoring. Some non-compliance was identified, such as stock pugging, and follow up work has been undertaken.


Other initiatives undertaken to promote water quality include:

- Reports on the health of the Kakanui Estuary and the Cardrona catchment, were completed.
- Schedule 16 monitoring has been undertaken to increase knowledge of the relationship between land use types and practices and the water quality in particular areas.
- A liaison group with commercial farm foresters has been established.
- A forestry forum was held with 90 people in attendance.
- Working with the dairy industry on a dairy effluent plan.
- Water quality data collection is in progress for the Waiwera catchment, and completed for the Washpool and Crookston Burn. This data will inform compliance with water quality thresholds.
- Work has commenced on the development of comprehensive Water Quality Strategy focussing on non-rural water quality contaminants. This is a two year project.

Water Quantity

Level of service – Water is managed to meet the needs of the Otago community	Achieved?
Measure – Sustainable environmental flows and allocation limits set on rivers and streams.	
Performance target – No violation of minimum flows due to abstraction at any site as set out in the Regional Plan: Water.	

Target not met. During the period there were 134 breaches of minimum flow conditions. All but one of these was minor and related to water takes for stock and domestic use, which is allowable. A formal warning was issued for a significant breach of a minimum flow in the Shag River.

Level of service - Water is managed to meet the needs of the Otago community	Achieved?
Measure – Sustainable environmental flows and allocation limits set on groundwater resources.	
Performance target – No violation of groundwater minimum levels and allocation limits due to abstraction at any site as set out in the Regional Plan: Water.	

Target met. There were no violations of groundwater minimum levels and allocation limits during the year. The Momona bore went into 25% restriction level and all consent holders were advised of this in writing.

Specific areas of work:

1. Commence and complete plan changes for minimum flows, allocation regimes and aquifer regimes.

Work on plan changes for minimum flow and aquifer regimes are planned for the Clutha River/Mata Au, Lindis, Cardrona, Manuherikia and Hawea this financial year.

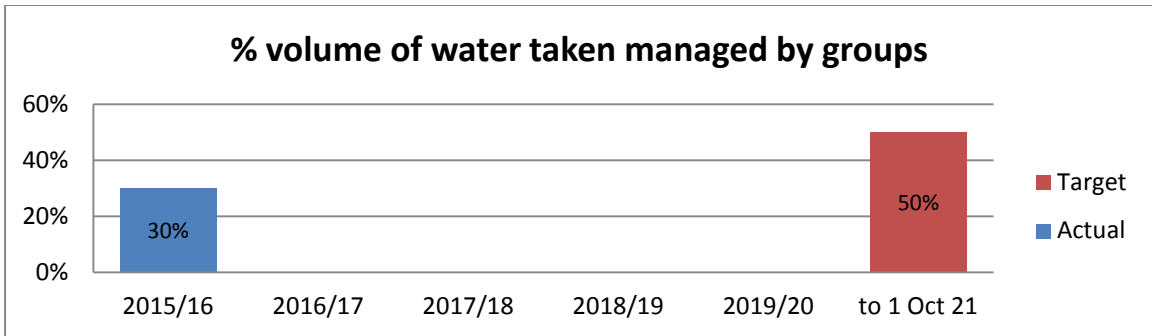
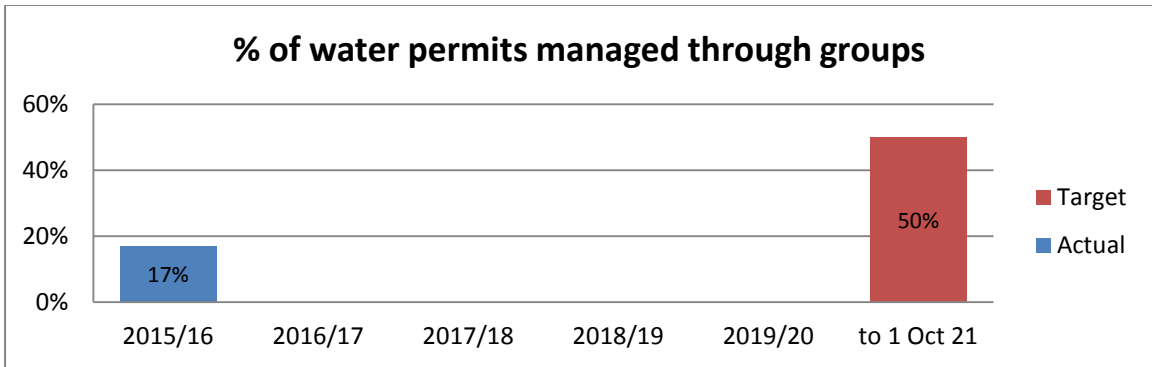
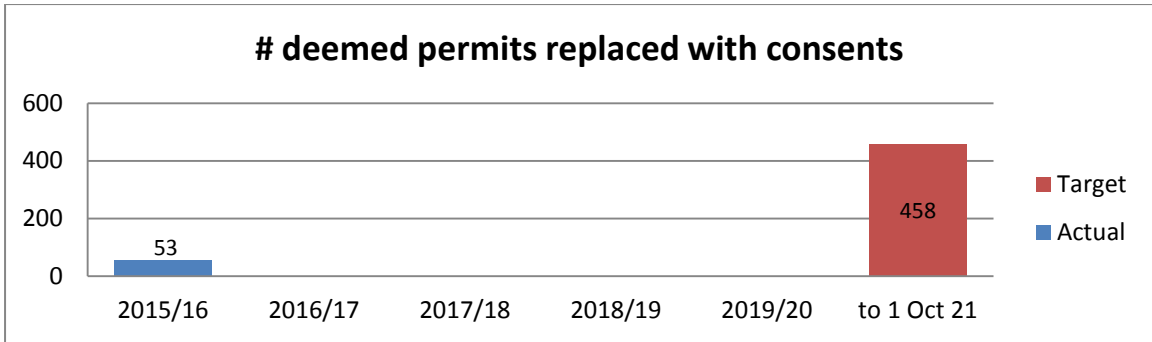
- Clutha – science work is underway. NIWA hydraulic modelling is near completion.
- Lindis – submissions closed 4 September 2015 and hearings commenced on 31 March 2016. Commissioner’s recommendations will be presented to Council in August 2016.
- Cardrona – pre feasibility work has been completed. Further consultation with the community is to be undertaken.
- Manuherikia – IFIM is close to completion. Consultation to commence in August 2016.
- Hawea – science assessment is underway.

2. Provide technical and funding support for community led investigations of infrastructure for bulk rural water.

Funding support of approximately \$142,000 was provided to the Manuherikia group for feasibility studies for an irrigation scheme, and \$17,500 to the Strath Taieri irrigation scheme.

Other initiatives undertaken to manage water quantity include:

- A Water User’s Manual has been published, a video has been produced, waterlines brochures published, and letters have been sent to all permit holders.
- Meetings were held with 15 priority groups, rural professionals, stakeholders, developers and lawyers, including Strath Taieri, Lowburn and the PigBurn areas.
- Priority and non-priority catchments have been identified and progress of groups is being tracked.
- Ecological and flow information is being provided to groups and individuals as requested.
- Work is continuing on the replacement of deemed permits into consents, and supporting group formations. Results to date are as follows:



Estimated and Actual Costs - Water

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Regional Plan: Water			
- Operating cost	1,143	2,070	927
- Capital cost	-	20	20
Total cost	1,143	2,090	947
Water quality & quantity (SOE)			
- Operating cost	2,202	1,626	(576)
- Capital cost	130	187	57
Total cost	2,332	1,813	(519)
Rural water quality (6A)			
- Operating cost	1,736	1,805	69
- Capital cost	65	91	26
Total cost	1,801	1,896	95
Water mgmt. groups (1C)			
- Operating cost	929	1,270	341
- Capital cost	-	50	50
Total cost	929	1,320	391
Coastal strategy			
- Operating cost	88	143	55
- Capital cost	-	10	10
Total cost	88	153	65
Total costs	6,293	7,272	979

Estimated and Actual Revenue - Water

Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	6,098	6,914	(816)
<i>Funded by:</i>			
General rates	4,403	4,933	(530)
Targeted rates	507	507	-
Internal charges	882	747	135
Other	36	-	36
General reserves	109	480	(371)
Water management reserve	161	247	(86)
Total funding	6,098	6,914	(816)
Capital costs	195	358	163
<i>Funded by:</i>			
Asset replacement reserve	195	358	(163)
Total revenue	6,293	7,272	(979)

Comments:

The water plan is under spent in the science area by approximately \$266,000 and in the policy area by approximately \$600,000. Science work on the Clutha River minimum flow is in progress, with NIWA hydraulic modelling near completion. Trout bio energetics modelling was delayed due to high flows, and this work has now been scheduled for completion in spring, 2016. The Manuherikia main stem monitoring work was completed, and an IFIM report from NIWA is near completion.


More Policy time has been spent on the Regional Policy Statement and responding to issues (i.e. district plan submissions), than was budgeted for. Progress on the preparation of a comprehensive water quality strategy with a focus on non-rural water quality was delayed, and this has been included in the 2016/17 Annual Plan. Cardrona minimum flow pre-feasibility work has been completed, but given the similarities of the Cardrona and Lindis, further work was put on hold while work on the Lindis was completed.

The water quality and quantity (state of the environment) project is over budget, due in part to extra costs being incurred in managing the drought over the summer months, and due to the increase in the network and number of water sites being monitored. Extra resource was required during the year to assist with this work.

The rural water quality project includes a provision of \$350,000 for research and development, funded by reserves, and this area is unspent. There is an over spend in the general rates funded portion of works, and particularly in the education and focus groups area. This over spend is a catch up from the previous year.

The water management groups project includes the bulk rural water fund of \$245,000 is underspent by approximately \$86,000, as is the capital budget of \$50,000. These are both funded from reserves. The budget for providing data is under spent. Ecological and flow information, historic water use etc., is being collated and made available through a database which is publicly available, reducing the time requirement for providing information.

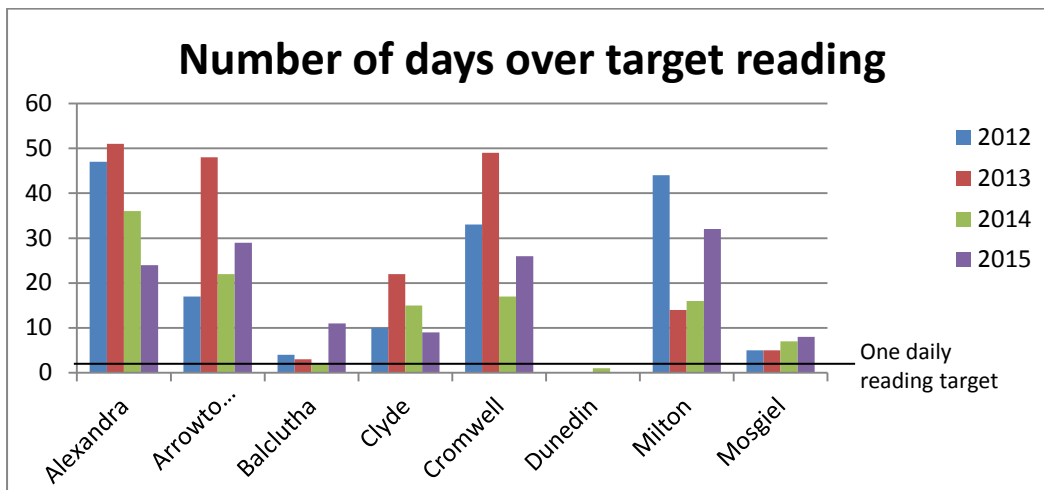
Air

Level of service – Improve air quality	Achieved?
Measure – Ambient (PM ₁₀) air quality in targeted towns.	
Performance target – No more than one daily average reading of PM ₁₀ per annum to be higher than 50 micrograms per cubic metre (50 mg/m ³).	

Target not met. Ambient air quality has been monitored for the winter of 2015 (April to September) in the following targeted towns:

- Alexandra
- Arrowtown
- Balclutha
- Clyde
- Cromwell
- Dunedin
- Milton
- Mosgiel
- Palmerston

The target was not achieved in any location except for Dunedin, which had no readings above 50 mg/m³. The graph below shows the number of days where the daily average reading of PM₁₀ was higher than 50 mg/m³, for the last four years.



Specific areas of work:

1. Develop an Air Strategy for Otago (to be completed by 30 June 2017).

Science work has been completed and involved completing an international stocktake of existing and emerging heating technologies, and investigating geo-engineering options for improving air quality in Airzone 1 and Milton. A survey has been undertaken on home heating in Airzone 1, Milton and Dunedin, and an emissions inventory survey has been completed. This work will assist with the development of the Air Strategy.

2. Support through funding, the Cosy Homes Otago Trust, to subsidise the installation of clean heating appliances in targeted towns.

ORC has continued to provide subsidies directly, rather than through the Trust, as ORC's focus is Airzone 1 and Milton. Clean heating appliances were installed in 69 homes in targeted towns during the year.

Estimated and Actual Costs - Air

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Air monitoring	215	140	(75)
Clean heat clean air	129	100	(29)
Air strategy	88	200	112
Total operating costs	432	440	8

This activity has no budgeted capital expenditure.

Estimated and Actual Revenue - Air


Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	432	440	(8)
<i>Funded by:</i>			
General rates	303	340	(37)
Targeted rates	100	100	-
Scheme reserves	29	0	29
Total revenue	432	440	(8)

Comments:

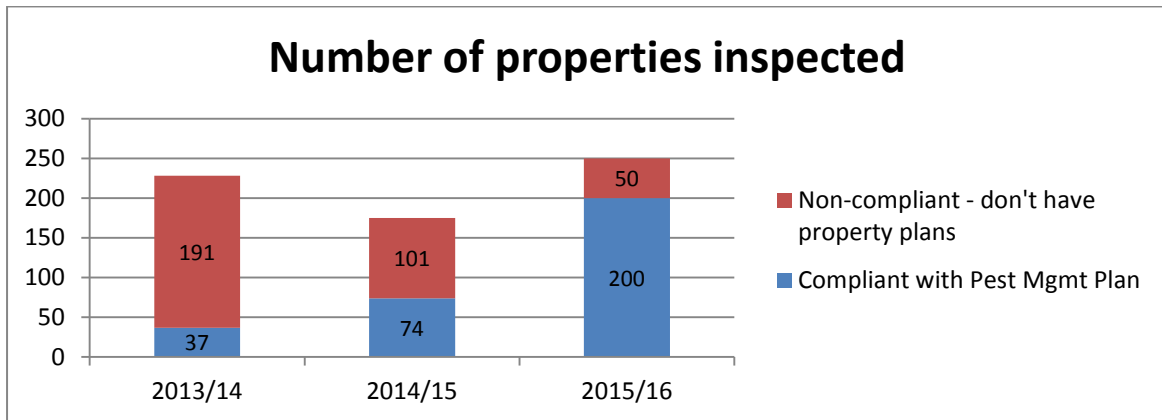
The air monitoring budget did not allow enough hours to complete the work programme, hence the over spend in this project.

Science work for the Air Strategy project is under spent by approximately \$75,000. The costs to complete an international stocktake of existing and emerging heating technologies, and an investigation on geo-engineering options for improving air quality in Airzone 1 and Milton were less than that budgeted for.


Land

Level of service – Require control of pest animals and pest plants	Achieved?
Measure – Level of rabbit populations in rabbit prone areas.	
Performance target – All properties inspected have either rabbit numbers under MAL 3 or have property management plans in place to achieve MAL 3.	

Target not met. The graph below shows the number of properties inspected and their results:



Approximately 250 inspections were undertaken, with follow up inspections and enforcement action being taken where appropriate. Property management plans were requested, or amendments to existing property plans, from the 50 non-compliant inspections.

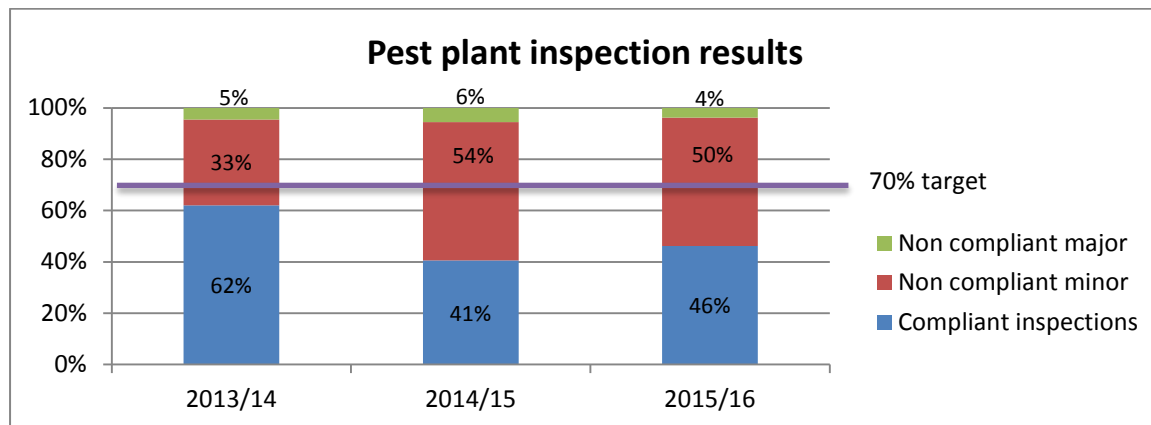
Level of service - Require control of pest animals and pest plants	Achieved?
Measure – Level of pest plants found at known sites.	
Performance target – 70% of properties inspected have either no pest plant infestations found or have undertaken control work to remove pest plants.	

Target not met. During the period the following inspections were undertaken:

	2015/16	2014/15	2013/14
Bomarea	447	153	338
Old Man's Beard	1,140	499	125
Contorta	61	14	0
Boneseed	0	36	22
Total number of properties inspected	1,648	702	535

The increase in the number of inspections undertaken resulted from additional resource being dedicated to this activity during the year, than for previous years, given the low level of compliance in prior years.

Results of inspections are shown below.



Re-inspections on non-compliant properties continued, and by June 2016, 245 properties became compliant. 68 re-inspections of Bomarea resulted in nine properties requiring enforcement action. 10 notices of direction were issued in respect of the Contorta inspections. Re-inspections of these properties are in progress.

In addition to the above work, 1,500 ha were inspected for Nassella, with minor non-compliance found, and 90,000 ha inspected for gorse and broom. The gorse and broom inspections resulted in 22 letters being sent out requesting control works to be undertaken.

Specific areas of work:

1. Develop a Biodiversity Strategy for Otago.

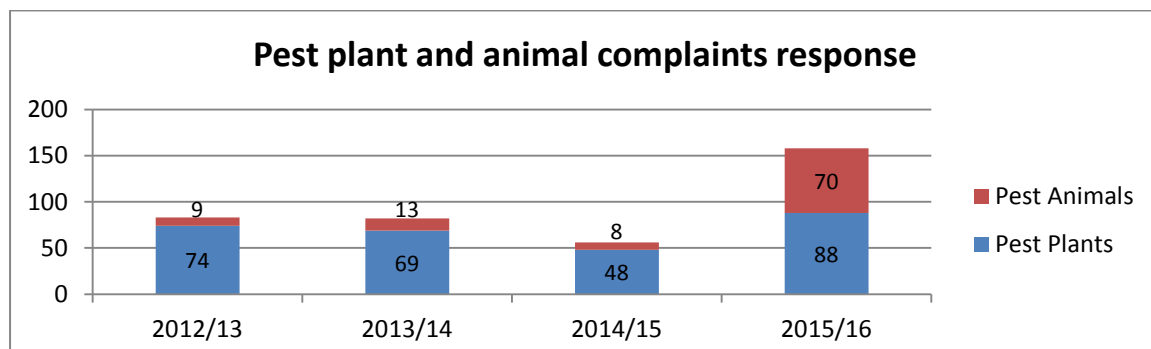
An initial stocktake of ORC’s role in biodiversity was completed. A workshop was held and it was agreed that the 2016/17 Annual Plan is to include development of the strategy.

2. Prepare the Otago Pest Management Plan, based on the South Island approach to pest management, to be completed by June 2017.

This target has been deferred until 2017/18. The LTP incorrectly programmed the work to commence in 2015/16, whilst providing the funding for the work in 2017/18. The work will therefore commence in 2017/18.

Other initiatives undertaken include:

- Staff responded to pest complaints as follows:



Complaints received related to the following:

	2015/16	2014/15	2013/14	2012/13
Pest plants	88	48	69	74
Rabbits	41	7	13	9
Wallabies	25	1	-	-
Rooks	2	-	-	-
Possums	2	-	-	-

Pest plant complaints related to old man's beard (32), gorse and broom (29), others (27).

The increase in complaints can be attributed to the community being encouraged to report on pests in the region, and particularly report on sightings of wallabies.

Estimated and Actual Costs - Land

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Biodiversity			
- Operating cost	140	459	319
Pest mgmt. strategy implement.			
- Operating cost	1,048	867	(181)
- Capital costs	6	5	(1)
Total cost	1,054	872	(182)
Pest control			
- Operating cost	16	26	10
Contracting			
- Operating cost	472	692	220
Sth Island pest plan review			
- Operating cost	11	42	31
Total for all projects	1,693	2,091	398

Estimated and Actual Revenue - Land

Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	1,687	2,091	(399)
Funded by:			
General rates	917	1,062	(145)
Fees & charges	482	886	(404)
General reserves	37	138	(101)
Other income	251	-	251
Total funding	1,687	2,086	(399)
Capital costs	6	5	1
Funded by:			
Asset replacement reserve	6	5	1
Total revenue	1,693	2,091	(398)

Comments:


The biodiversity project includes the environmental enhancement fund of \$250,000, of which \$37,000 was spent during the year. The under spend of \$213,000 is being carried forward in a dedicated reserve for future environmental initiatives.

The biodiversity budget included undertaking aerial imagery of Otago's significant wetlands, which was not completed. Instead, an integrated wetland programme that considers both the state of the wetlands (water quality and quantity), and compliance with the Water Plan is to be completed.

The pest strategy implementation project is over spent due to unbudgeted work on Velvet Leaf. Recoveries have been made from MPI (AssureQuality) for this work.

Less rabbit contracts were undertaken than budgeted for in the contracting project.

Rivers & Waterway Management

Level of service – Ensure waters can flow without obstruction	Achieved?
Measure – Time taken to investigate and action reported blockages.	
Performance target – Investigate all reported blockages obstructing scheduled rivers within 10 working days and action appropriately.	

Target met. All reported blockages were investigated and obstructions removed within 10 working days.

Specific areas of work:

1. Develop River Morphology and Riparian Management Plans for the Pomahaka and Strath Taieri.

River Morphology plans have been developed for the Pomahaka and Strath Taieri, which set out river values, management objectives, methods, and the respective roles of the ORC, landholders and other stakeholders.

2. Undertake a stocktake of condition assessment of non-flood scheme assets, prepare maintenance strategies, and implement those strategies (through to June 2018). For 2015/16, to look at Waitaki Plains floodways and Albert Town rockwork.

Geosolve undertook analysis work for the Albert Town rockwork, and work has been completed in this area. Site visits are planned for the Waitaki plains floodways.

Other initiatives undertaken include:

- Standard work programmes for river management operations and maintenance, including willow control programme and channelization works have been completed where possible.
- Analysis of the river morphology for the Cardrona River has been completed, and a report prepared.
- Survey work for the Clutha, Strath Taieri and the Pomahaka has been completed, which reports on trends and changes in river morphology.

Estimated and Actual Costs – River Management

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Central Otago	228	321	93
Clutha	486	377	(109)
Dunedin	383	362	(21)
Waitaki	279	326	47
Wakatipu	116	206	90
Wanaka	146	219	73
Total for all projects	1,638	1,811	173

This activity has no budgeted capital expenditure.

Estimated and Actual Revenue – River Management


Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	1,638	1,811	(173)
Funded by:			
Targeted rates	1,122	1,227	(105)
Scheme reserves	516	584	(68)
Total funding	1,638	1,881	(173)

Comment:

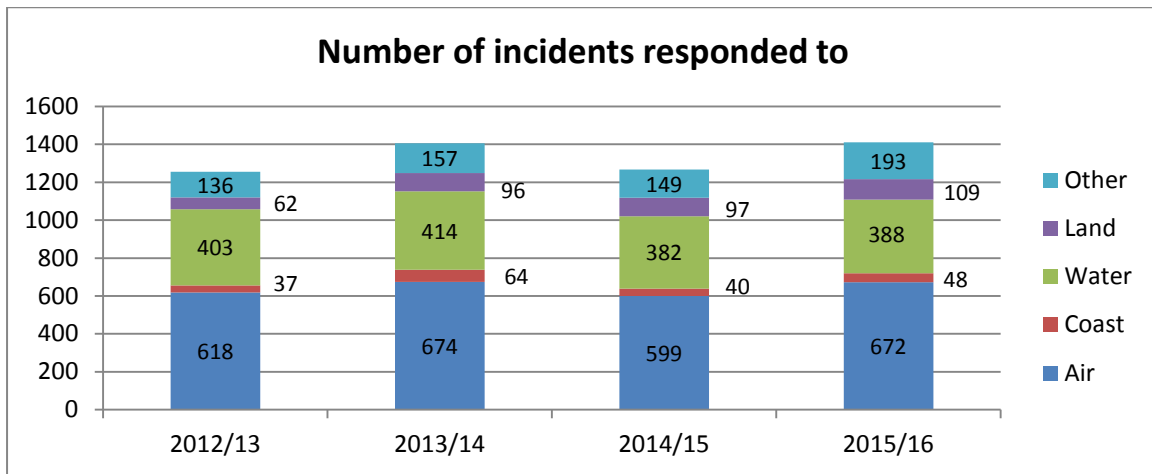
Standard work programmes were completed, however, low flow conditions led to work not being implemented in some areas, at the request of the Department of Conservation. This was to ensure the protection of fish species in those areas.

The estimates included an amount of \$150,000 for cross-section survey work. This work was completed at a cost of approximately \$75,000, and so the budget for this work is under spent at the year end.

Environmental Incident Response

Level of service – Council will be ready and able to respond to all environmental incidents	Achieved?
Measure – Time taken to respond.	
Performance target – Acknowledge and assess the necessary actions of reported incidents within 0.5 hours of receipt.	

Target met. Council responded to all incidents within 0.5 hours of receipt during the period as follows:



Specific areas of work:

1. Establish and manage a central contaminated sites database for regional use.

A contaminated sites regional liaison group, made up of with representatives from the territorial authorities and ORC staff, is looking at shared services for contaminated sites enquiries, and scoping requirements for a shared database.

Estimated and Actual Costs – Environmental Incidents

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Incident response	1,229	845	(384)
Contaminated sites	117	134	17
Total for all projects	1,346	979	(367)

This activity has no budgeted capital expenditure.

Estimated and Actual Revenue– Environmental Incidents


Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	1,346	979	367
<i>Funded by:</i>			
General rates	1,024	640	384
Fees & charges	-	33	(33)
Grants	-	12	(12)
Infringements/fines	275	294	(19)
General reserves	47	-	47
Total funding	1,346	979	367

Comments:


The level of incidents was higher than that budgeted for with 1,410 incidents being responded to for the year.

COMMUNITY

Democracy, public information and awareness

Level of service – Effective, open and transparent democratic council processes	Achieved?
Measure – Completion of statutory public accountability processes.	
Performance target – Complete all planning and reporting within statutory timeframes and requirements.	

Target met to date. Council’s Annual Report was completed and adopted by Council at its meeting on 16 September 2015. The 2016/17 Annual Plan was adopted by Council at its meeting on 22 June 2016.

Level of service – Provide information to enable the public to be informed of council and committee meetings.	Achieved?
Measure – Time for making meeting agendas available to the public.	
Performance target –All meeting agendas to be available at least two working days prior to each meeting.	

Ten council and 42 committee meetings were held during the year. All meeting agendas were made available at least two working days prior to each meeting.

Specific areas of work:

1. Hold at least two meetings each year with Iwi representatives.

Three meetings were held with Iwi representatives during the year.

2. Respond to issues, activities and queries on matters that require a regional perspective or impact on regional resource management functions.

Work included giving feedback to the QLDC and DCC on their district plan reviews, making a submission on the NES for Plantation Forestry, and submitting on special housing areas, urban development and freshwater management.

Other initiatives undertaken for our community include:

- Information has been made available to the public through issuing media releases, producing newsletters and pamphlets such as Otagowide and Waterlines, social media postings and keeping the ORC website updated.
- Financial contributions were made to the Otago Rescue Helicopter and to TBfree.

Estimated and Actual Costs - Community

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Democracy	1,590	1,375	(215)
Public information & awareness	2,188	2,041	(147)
Financial contributions	863	734	(129)
Total for all projects	4,641	4,150	(491)

This activity has no budgeted capital expenditure.

Estimated and Actual Revenue - Community

Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	4,641	4,150	491
Funded by:			
General rates	4,273	3,805	468
Targeted rates	141	145	(4)
Fees & charges	142	131	11
Scheme reserves	17	2	15
Other income	1	67	(66)
General reserves	67	-	67
Total funding	4,641	4,150	491

Comments:

The democracy project over spend includes work such as the unbudgeted Castalia work on public and private benefit splits for some of our flood and drainage schemes and publication of a WW1 commemorative book.

The public information and awareness project is overspent largely as a result of our response to issues work, seeking designations for critical infrastructure and operational assets through the Dunedin City Council's district plan. This work was not budgeted for.

The financial contributions over spend related to unbudgeted work for LAWA, for which there is some financial recovery from fees and charges.

REGULATORY


Policy Development

Specific areas of work:

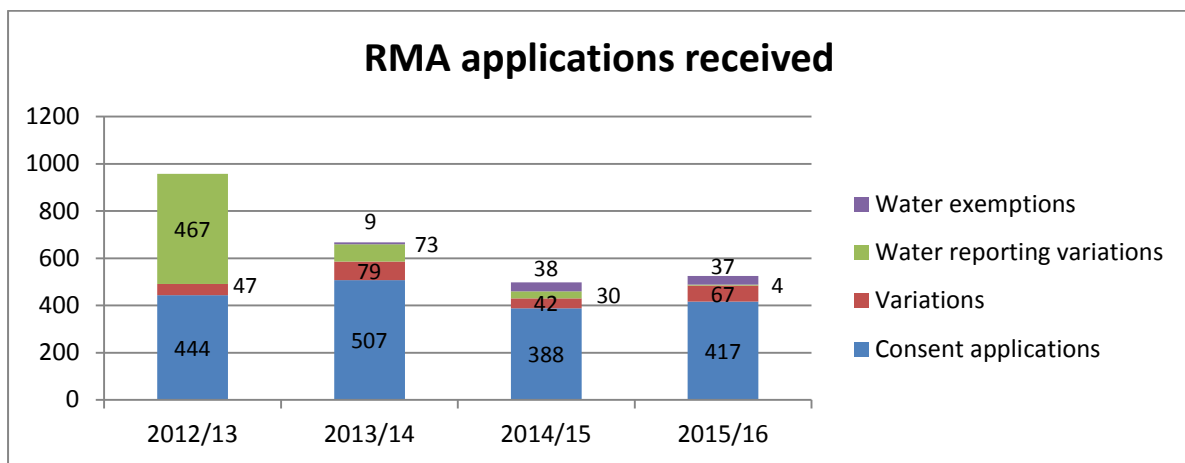
1. Address any appeals made on the Regional Policy Statement and make operative.

Hearings of submissions on the Regional Policy Statement have been completed and deliberations are in progress. Recommendations are expected to be made to Council in September 2016.

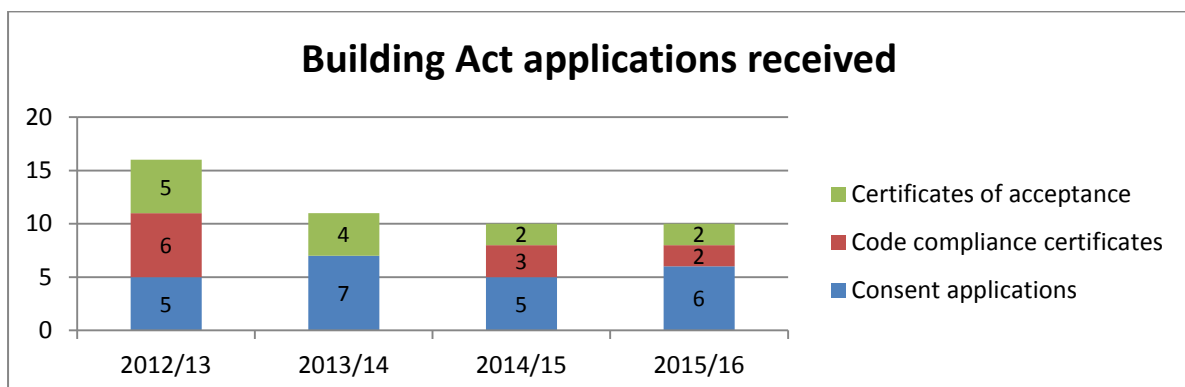
Consents & Compliance


Level of service – Process resource consent applications in a timely manner.	Achieved?
Measure – RMA and Building Act statutory time frames.	
Performance target – 100% of consents are processed within the statutory timeframes.	

Target met. All applications received were processed within the statutory time frames. The graph below shows the trend in numbers of RMA applications received.



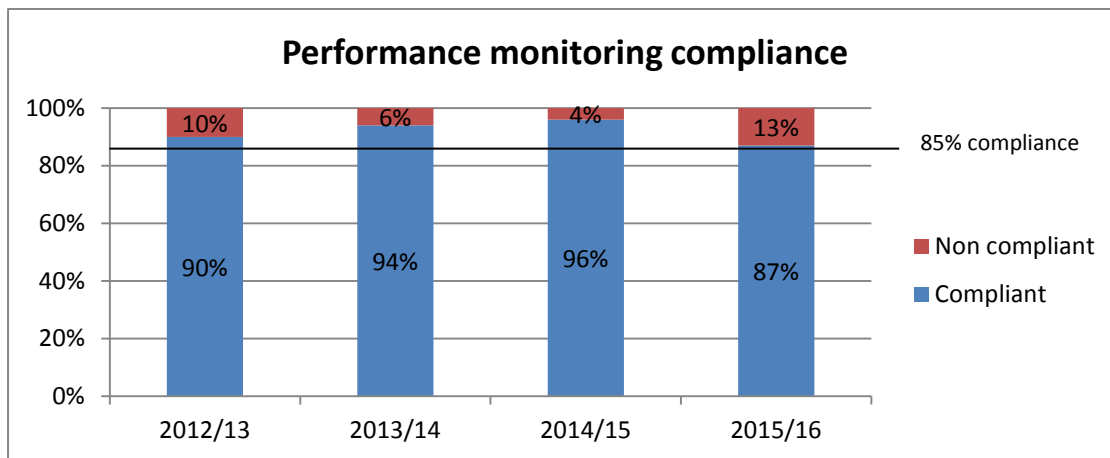
The graph below shows the number of Building Act applications received.




Level of service – Ensure consent conditions for the use of Otago’s air, water and coastal resources are complied with	Achieved?
Measure – Performance monitoring returns show compliance with consent conditions.	
Performance target – 85% or more of performance monitoring returns show compliance with consent conditions (non-compliance measured as Grade 4 and 5 only).	

Target met. For the year 4,320 performance monitoring returns were assessed (2014/15: - 3,616 returns; 2013/14: - 4,146 returns; 2012/13: - 3,416 returns).

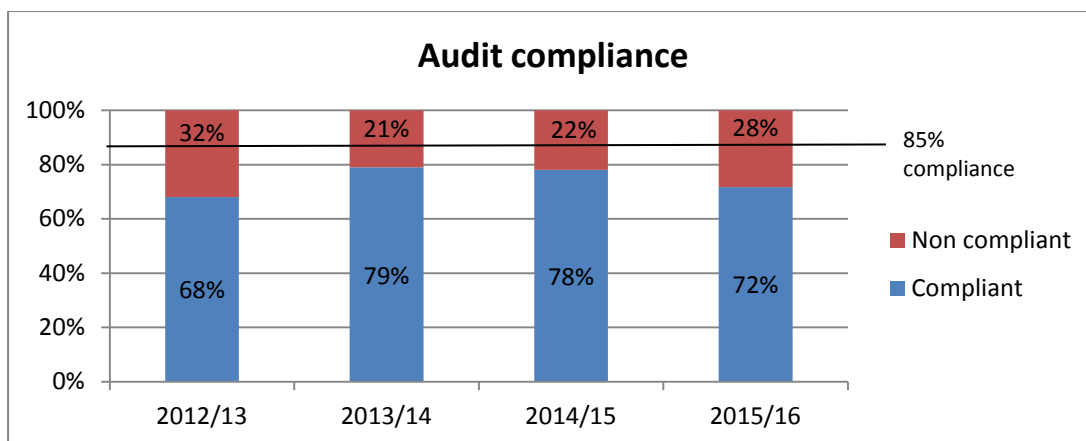
The graph below shows the level of compliance with consent conditions in respect of performance monitoring returns.



The decrease in performance monitoring compliance is largely around the level of non-compliance with water metering regulations, and the requirement for all water take consent holders to install water metering devices. Follow up work is being undertaken to encourage compliance with the regulations.

Level of service – Ensure consent conditions for the use of Otago’s air, water and coastal resources are complied with.	Achieved?
Measure – Audit of consents show compliance with consent conditions.	
Performance target – 85% or more audits show compliance with consent conditions (non-compliance measured as Grade 4 and 5 only).	

Target not met. For the year 627 audits were undertaken (2014/15: - 420 audits; 2013/14: - 344 audits; 2012/13: - 612 audits). The graph below shows the level of compliance with consent conditions in respect of audits undertaken.



Specific areas of work

1. Review consents for a catchment, subcatchment or aquifer within two months of a minimum flow or water quality standard being operational to implement the plan change.

A review of 29 consents was undertaken for the Pomahaka catchment, resulting in variations being made to two consents. The review of consents commenced within two months of the minimum flow becoming operational, being 1 May 2015.

A review of the Waiwera consents commenced in March 2016 and is in progress.

2. Investigate and undertake enforcement action on breaches of resource consent conditions and Regional Plan rules.


Non-compliant audits and performance monitoring are being followed up, and where appropriate, enforcement action is being undertaken. During the year 14 infringement notices were issued for discharging contaminants to land, and three legal proceedings were authorised, one for the disturbance of a river bed, and two for the discharge of effluent to land. Enforcement action compared to previous years was as follows:

	2015/16	2014/15	2013/14	2012/13
Infringement notices	14	19	21	25
Prosecutions	3	6	9	3
Abatement notices	-	2	8	-


3. Investigate dams in Otago likely to be non-compliant with the Building Code and undertake enforcement action where necessary.

During the year, ten notices to fix were issued, relating to earth embankment dams. Action was taken to remove or repair the dams. (2014/15: five notices to fix).

Harbour Management

Level of service – Safe recreational use and navigation for all users of the Otago harbour.	Achieved?
Measure – Number of harbour incidents.	
Performance target – No major (collision) harbour incidents.	

Target met. There were no major harbour incidents during the period (2014/15: one major incident occurred).

Level of service – Council will be ready to respond to oil spills and ensure restoration.	Achieved?
Measure – Respond to oil spills in a timely manner.	
Performance target – Respond within 1.5 hours of notification.	

Target met. There was one oil spill during the period, which was responded to within 1.5 hours, and 11 minor incidents were responded to. No maritime response was required. (2014/15: - 7 incidents, no maritime response required).

Specific areas of work:

1. Complete Port Harbour Safety Code.

Preparation of the code is on hold pending the appointment of a harbour master, the position of which is currently being advertised.

2. Hold one desk top and one field exercise for marine oil incident response.

One desk top and one field exercise were held in June 2016.

Estimated and Actual Costs – Regulatory

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Policy	805	434	(371)
Consents	1,283	1,540	256
Compliance Monitoring	1,118	1,362	244
Dam safety	339	321	(18)
Harbour safety	259	319	60
Total for all projects	3,804	3,975	171

This activity has no budgeted capital expenditure.

Estimated and Actual Revenue – Regulatory

Funding sources	Actual to 29 February \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	3,804	3,975	171
Funded by:			
General rates	1,625	1,354	271
Targeted rates	90	104	(14)
Internal charges	-	131	(131)
Fees and charges	1,447	2,240	(793)
Infringements and fines	53	146	(93)
Other income	37	-	37
General reserves	552	-	552
Total funding	3,804	3,975	171

Comments:

The policy project over spend is in relation to the Regional Policy Statement.


The work requirement for resource consenting is demand driven. The number of applications being received is lower than that budgeted for, and so both expenditure and revenue are lower than budget. Consents are funded by fees and charges.

Time spent in compliance monitoring is lower than that budgeted, due in part to the amount of time required to deal with responding to environmental incidents, and council's unbudgeted response to velvet leaf. As audits are paid for by fees and charges, there is a corresponding decrease in the amount of revenue budgeted to be received for this activity.


Time has also been spent on implementation of the Water Regulations that require those consented to take water to install water meters. There has been no revenue policy covering this work, and so general reserves have been used to cover this cost. This issue has been addressed in the 2016/17 draft annual plan, with the introduction of a fee from consent holders.

FLOOD PROTECTION & CONTROL WORKS


Alexandra flood protection

Level of service – Reduce the flood risk to people and property by maintaining, repairing and renewing flood protection works to agreed standards.	Achieved?
Measure – Respond to flood events or damage.	
Performance target – Flood damage identified, prioritised and repaired.	


No flood events occurred during the period.

Measure – Maintain and renew flood mitigation works to ensure design standards are met.	
Performance target – Contain all floods up to 142.75m (above mean sea level) at Alexandra Bridge with 0.5m freeboard, corresponding with a flood flow of approximately 4,350 m ³ /s and being equivalent to the greatest recorded flood (in 1878) but with the Lake Hawea control gates closed.	


Target met. The highest level reached by the Clutha River during the period was 133.25m above mean sea level, on 16 November 2015.

Level of service – Pumps will be available 100% of the time.	Achieved?
Measure – Reliable and constant power supply.	
Performance target – Standby generation always available.	

Options were considered, but the costs to have standby generation available 100% of the time proved to be prohibitive. Hire options are available when needed. Connectivity to generators has been confirmed.


Measure – Reliable pump control system.	
Performance target – Arrangements in place with supplier for maintenance and on standby in the event of an operation.	

Identification and specification of spare part requirements has been completed. Availability has been confirmed, and safe storage determined. Purchasing is still to be completed.

Measure – Reliable pump control system.	
Performance target – Undertake 24/7 monitoring of control systems.	


Target being met. Pumps are telemetered and if a pump should switch off or fail, a text message is sent to ORC.

Leith flood protection


Level of service – Reduce the flood risk to people and property by maintaining, repairing and renewing flood protection works to agreed standards.	Achieved?
Measure – New flood mitigation works are designed and built to agreed performance standards.	
Performance target – By 2019/20, increase capacity to 171 m ³ /s (measured at St David Street footbridge). Represents 1 in 100 year flood with freeboard.	

For 2015/16, council is to undertake flood hazard mitigations works between Dundas Street and St David Street. This target has been achieved, with civil works having been completed. Landscaping will be completed for this reach early in the next financial year. Investigation of works in the Union to Leith Street reach and at Dundas Street bridge is in progress.


Lower Clutha flood and drainage

Level of service – Reduce the flood risk to people and property by maintaining, repairing and renewing flood protection works to agreed standards.	Achieved?
Measure – Respond to flood events or damage.	
Performance target – Flood damage identified, prioritised and repaired.	


No flood events occurred during the period.

Measure – Maintain and renew flood mitigation works to ensure design standards are met.	
Performance target – No flooding of Barnego in all flows up to 2,850 m ³ /s, Kaitangata, Inch Clutha and Paretai up to 4,000 m ³ /s, and Balclutha up to 5,400 m ³ /s (all flows measured at Balclutha) based on past observed floods.	

Target met. Flow in the Clutha River (as measured at Balclutha) peaked at 1,410m³/s in May 2016.


Level of service –Improve the productive capability of land by maintaining, repairing and renewing land drainage works to agreed standards.	Achieved?
Measure – Respond to events or damage.	
Performance target – Damage identified, prioritised and repaired.	

No flood events occurred during the period.


Measure – Maintain and renew drainage works to ensure design standards are met.	
Performance target – Provide drainage modulus of 7.5mm per day pumped drainage capacity for Matau District, 9mm per day for Inch Clutha, and 10mm per day for Paretai District.	

The moduli were provided over the period. Daily rainfall (as measured at Balclutha) exceeded:


- 7.5mm per day on 24 occasions over the period for Matau district;
- 9mm per day on 12 occasions over the period for Inch Clutha; and
- 10mm per day on 11 occasions over the period for Paretai.

Level of service –Flood pump capacity will be available at each station 363 out of 365 days per annum, and duty pumps will be available to operate 360 out of 365 days per annum.	Achieved?
Measure – Reliable power supply.	
Performance target – Standby power generation will be available within 48 hours of a power failure.	


Options were considered, but the costs to have standby generation available proved to be prohibitive. Hire options are available when needed. Connectivity to generators has been confirmed.

Measure – Reliable pumps.	
Performance target – Arrangements in place with supplier to access spare parts.	

Identification and specification of spare part requirements has been completed. Availability has been confirmed, and safe storage determined. Purchasing is still to be completed.

Measure – Reliable pump control system.	
Performance target – Arrangements in place with supplier for control systems maintenance.	

Arrangements are in place with a supplier for control system maintenance.


Measure – Reliable pump control system.	
Performance target – Undertake 24/7 monitoring of telemetered pump alarm system.	

Target being met. Pumps are telemetered and if a pump should switch off or fail, a text message is sent to ORC.


Other initiatives undertaken on the Lower Clutha flood and drainage scheme include:

- Hydraulic design work has been completed for altering the drainage infrastructure of Lake Tuakitoto/Robsons Lagoon so as to improve wetland ecosystem values. The next stage is to consult with affected parties.
- A consultant has been engaged to undertake design work to improve the Koau right floodbank at Factory Road (Paretai), to reduce the risk of floodbank failure at that location. A geotechnical assessment has commenced.

Lower Taieri flood protection

Level of service – Reduce the flood risk to people and property by maintaining, repairing and renewing flood protection works to agreed standards.	Achieved?
Measure – Respond to flood events or damage.	
Performance target – Flood damage identified, prioritised and repaired.	

No flood events occurred during the period.

Measure – Maintain and renew flood mitigation works to ensure design standards are met.	
Performance target – No flooding of the East Taieri upper ponding area from Taieri River flows up to 800 m ³ /s or Silver Stream flows up to 160 m ³ /s.	
No flooding of the East Taieri lower ponding area from Taieri River flows up to 2,500 m ³ /s or Silver Stream flows up to 260 m ³ /s.	
No flooding of West Taieri from Taieri River flows up to 2,500 m ³ /s. No flooding of Mosgiel from Sliver Stream flows up to 260 m ³ /s	

(Taieri River flows measured at Outram, Silver Stream flows measured at Gordon Road), being equivalent to the 1980 flood, nominally a 100 year event.	
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Target met. There was no flooding during the period. The highest recorded flow in the Taieri River (as measured at Outram) was 202 m³/s in May 2016.

The highest recorded flow in the Silver Stream (as measured at the Gordon Road bridge) was 36 m³/s in May 2016.


Other initiatives undertaken on the Lower Taieri flood protection scheme include:

- Investigation work has commenced on constructing new upper/lower pond link spillways or the alternative option of relocating the floodbank(s) through the shute of the Taieri River and associated works (rebuilding the Cutoff bank and improving drainage through the Cutoff bank).


West Taieri drainage

Level of service –Improve the productive capability of land by maintaining, repairing and renewing land drainage works to agreed standards.	Achieved?
Measure – Respond to events or damage.	
Performance target –Damage identified, prioritised and repaired.	


No flood events occurred during the period.

Measure – Maintain and renew drainage works to ensure design standards are met.	
Performance target – Provide drainage modulus of 10mm per day pumped drainage capacity.	


The modulus of 10mm per day was provided over the period. Daily rainfall (as measured at Riccarton Road) exceeded 10mm per day on 15 days over the period.

Level of service –Duty pump will operate 363 out of 365 days per annum; flood pump capacity will be available for Waipori 360 out of 365 days per annum; flood pump capacity will be available at Ascog and Henley 355 out of 365 days per annum.	Achieved?
Measure – Reliable power supply.	
Performance target –Standby power generation will be available within 48 hours of a power failure.	


Options were considered, but the costs to have standby generation available proved to be prohibitive. Hire options are available when needed. Connectivity to generators has been confirmed.

Measure – Reliable pumps.	
Performance target – Arrangements in place with supplier to access spare parts.	

Identification and specification of spare part requirements has been completed. Availability has been confirmed, and safe storage determined. Purchasing is still to be completed.


Measure – Reliable pump control systems.	
Performance target – Arrangements in place with supplier for control systems maintenance.	

Arrangements are in place with a supplier for control system maintenance.


Measure – Reliable pump control systems.	
Performance target – Undertake 24/7 monitoring of telemetered pump alarm system.	

Target being met. Pumps are telemetered and if a pump should switch off or fail, a text message is sent to ORC.

East Taieri drainage


Level of service – Improve the productive capability of land by maintaining, repairing and renewing land drainage works to agreed standards.	Achieved?
Measure – Respond to events or damage.	
Performance target – Damage identified, prioritised and repaired.	

No flood events occurred during the period.


Measure – Maintain and renew drainage works to ensure design standards are met.	
Performance target – Provide drainage modulus of 8mm per day pumped drainage capacity for East Taieri upper ponding area and 18mm per day for East Taieri lower ponding area.	

The moduli of 8mm and 18 mm for the upper and lower ponds were provided for over the period. Daily rainfall (as measured at Riccarton Road) exceeded:


- 8 mm on 11 occasions during the period for the East Taieri upper ponding area;
- 18mm on 2 occasions during the period for the East Taieri lower ponding area.

Level of service –Duty pump will operate 363 out of 365 days per annum; flood pump capacity will be available 355 out of 365 days per annum.	Achieved?
Measure – Reliable power supply.	
Performance target –Standby power generation will be available within 48 hours of a power failure.	


Options were considered, but the costs to have standby generation available proved to be prohibitive. Hire options are available when needed. Connectivity to generators has been confirmed.

Measure – Reliable pumps.	
Performance target – Arrangements in place with supplier to access spare parts.	

Identification and specification of spare part requirements has been completed. Availability has been confirmed, and safe storage determined. Purchasing is still to be completed.


Measure – Reliable pump control systems.	
Performance target – Arrangements in place with supplier for control systems maintenance.	

Arrangements are in place with a supplier for control system maintenance.


Measure – Reliable pump control systems.	
Performance target – Undertake 24/7 monitoring of telemetered pump alarm system.	

Target being met. Pumps are telemetered and if a pump should switch off or fail, a text message is sent to ORC.

Tokomairiro drainage


Level of service –Improve the productive capability of land by maintaining, repairing and renewing land drainage works to agreed standards.	Achieved?
Measure – Respond to events or damage.	
Performance target –Damage identified, prioritised and repaired.	

No flood events occurred during the period.

Measure – Existing land drainage works perform to agreed standards, and drainage works are monitored and maintained to agreed standards.	
Performance target – The drains and channel flow paths within the scheme are maintained to ensure hydraulic capacity.	

The drain maintenance programme was completed for the year.

Shotover River Delta

Level of service –Ensure waters can flow without undue obstruction.	Achieved?
Measure – Difference between actual and target profiles for surface.	
Performance target –Surface of Shotover river delta is consistent with the target profile.	

The surface of the Shotover River delta is being managed through gravel extraction to ensure consistency with the target profile.

Estimated and Actual Costs – Flood protection & control works

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Alexandra flood protection			
- Operating cost	217	249	32
- Capital cost	6	25	19
Total cost	223	274	51
Leith flood protection			
- Operating cost	810	403	(407)
- Capital cost	1,639	4,514	2,875
Total cost	2,450	4,917	2,467
Lower Clutha flood & drainage			
- Operating cost	913	1,216	303
- Capital cost	187	258	71
Total cost	1,100	1,474	374
Lower Taieri flood			
- Operating cost	400	651	251
- Capital cost	19	266	247
Total cost	419	917	498
East Taieri drainage			
- Operating cost	298	502	204
- Capital cost	-	25	25
Total cost	298	527	229
West Taieri drainage			
- Operating cost	552	591	39
- Capital cost	2	25	23
Total cost	554	616	62
Tokomairiro drainage			
- Operating cost	89	106	17
Shotover river delta			
- Operating cost	24	16	(8)
Land drainage response			
- Operating cost	8	60	52
Total for all projects	5,165	8,907	3,742

Estimated and Actual Revenue – Flood protection & control works

Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spend
Operating costs	3,312	3,794	(482)
<i>Funded by:</i>			
General rates	225	277	(52)
Targeted rates	2,428	2,428	-
Fees & charges	98	244	(146)
Other	319	516	(197)
Scheme reserve	242	329	(87)
Total operating funding	3,312	3,794	(482)
Capital costs	1,853	5,113	3,260
<i>Funded by:</i>			
Scheme reserve	624	3,194	(2,570)
Targeted rates	1,229	1,236	(7)
Other	-	683	(683)
Total capital funding	1,853	5,113	(3,260)
Total revenue	5,165	8,907	3,742

Comments:

The Leith project is under spent due to savings of approximately \$2 million achieved on the construction work between Dundas Street and St David Street. The remaining variance is due to timing of work that will now be completed in the 2016/17 year.


The Lower Clutha underspend relates to timing of works, including the Robson Lagoon work, renew/replacement work on the Kaitangata channel drain bridges, and work on improving the Koau right floodbank at Factory Road. Work is underway on these initiatives, but is not as far through as the budget had anticipated.

The under spend in the Lower Taieri project relates in part to the decision to defer the construction of a weighting blanking beside the Taieri River right floodbank at Otokia, to reduce the likelihood of foundation piping and floodbank failure at that location. This work has been deferred to the 2016/17 draft annual plan. Other works not completed due to timing include improving drainage through the Cutoff bank for which investigations have commenced, and reconstruction works on a section of the contour channel floodbank. Land access agreements for the contour channel floodbank have been written up and tenders to complete the work are expected to go out in September 2016.


The under spending for East Taieri drainage scheme is a timing issues only, relating to investigating options to improve the drainage of the upper pond including options to improve the effectiveness of the Silver Stream pump station.

SAFETY & HAZARDS

Emergency management

Level of service – Be ready and able to respond to civil defence emergencies, assist with recovery after such events, and to co-ordinate and promote reduction through group strategies and plans.	Achieved?
Measure – Timeliness in response to a civil defence event/emergency.	
Performance target – The Group Emergency Co-ordinating Centre can be fully operational within one hour of activation.	

A re design of the Emergency Co-ordinating Centre operation layout has been completed. New fixtures and fittings have been installed. A test run for set up is programmed for August 2016.

Measure – Timeliness in response to a civil defence event/emergency.	
Performance target – Respond immediately upon notification of a civil defence event / emergency.	


No emergency events occurred during the period.

Specific areas of work:


1. Complete the development of the Group Risk Reduction Strategy and implement it (through to June 2018).

This strategy development has been delayed pending the completion of a review of the Otago Group Operational structure. It will now be completed in conjunction with the next five year Group Plan, due for completion in April 2017.

Natural hazards

Level of service – Work proactively with communities to improve understanding of the risks posed by natural hazards so that informed decisions and responses can be made.	Achieved?
Measure – Information to be available.	
Performance target – Provide natural hazards information to the public via an effective web based Otago Natural Hazards database.	

Target being met. Information is continually being provided to the public. An upgrade of the website was completed, and went live in March.

Level of service – Provision of accurate and timely flood warnings.	Achieved?
Measure – Warnings of flood events when alarm status is reached.	
Performance target – Provide rainfall and river flow information to the public when flood levels reach alarm status.	

No events occurred during the period, to trigger alarm status.

Specific areas of work:

1. Collate existing information and investigate to assist describing the location and characteristics of known active geological faults in Otago.

This work is being undertaken by GNS. It is expected to be completed by November 2016.

2. Lead the development of a Natural Hazards Risk Management Strategy for South Dunedin, investigate and assess options for mitigation of groundwater and liquefaction hazards.

ORC is working with the DCC to scope the issues associated with natural hazards in South Dunedin, and is monitoring four bore locations in the area. A technical report has been completed, and presented to the community.

3. Undertake a joint ORC / QLDC flood awareness campaign in Queenstown and Wanaka.

The joint flood awareness campaign was completed in October.

Estimated and Actual Costs – Safety & hazards

Projects	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spent
Emergency management	505	428	(77)
Natural hazards	1,517	1,623	106
Total for all projects	2,022	2,051	29

Estimated and Actual Revenue – Safety & hazards


Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spent
Operating costs	2,022	2,051	29
<i>Funded by:</i>			
General rates	1,831	1,667	164
General reserves	186	384	(198)
Other	5	0	5
Total funding	2,022	2,051	29


Comments:


The under spend of reserves relates to the purchase of LiDAR work that was held up due to bad weather conditions. This work will now be completed by October 2016.

TRANSPORT

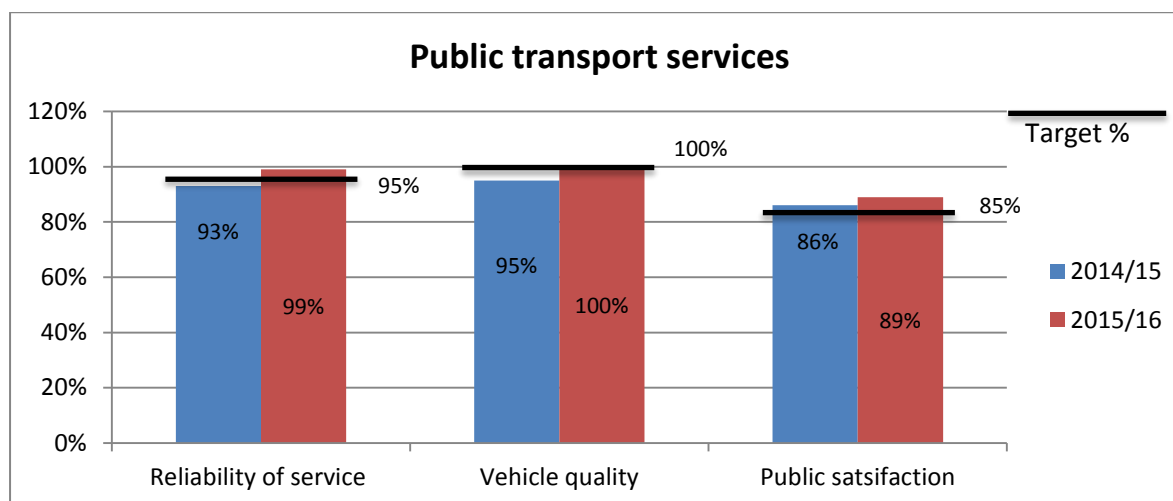
Regional transport planning & public passenger transport


Level of service –Provide passenger transport services that meet community need.	Achieved?
Measure - Reliability of service.	
Performance target – In Dunedin, 95% of services monitored depart from the terminus on time.	

Measure – Vehicle quality.	
Performance target – In Dunedin 100% of vehicles (PTOM contracts) comply with Regional Passenger Transport Plan Vehicle Quality standards.	

Measure – Public satisfaction.	
Performance target – In Dunedin, survey shows at least 85% of bus users are satisfied with overall standard of service.	

The graph below shows the results for the 2014/15 year.



Measure – Patronage growth.	
Performance target – In Dunedin, 3% growth.	

This target was not achieved. Patronage dropped by 4% on the previous year. This is consistent with trends in other networks of a similar size.

Specific areas of work:

1. Construct a central bus hub in Dunedin, to be completed in 2017/18.

BECA has been engaged, and design works have commenced for a bus hub and super stops.

2. Implement a replacement ticketing system, including a new fare structure.

The replacement ticketing system is currently delayed (NZTA issue). The existing ticketing system provider has been engaged to modify our existing systems to accommodate a new fare structure.

Other initiatives undertaken for transport include:

- A review of the Wakatipu network has been completed, and is currently being peer reviewed.
- Total mobility continues to be supported throughout Otago.

Estimated and Actual Costs - Transport

Project	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Over spend
Regional transport planning	130	123	(7)
Public passenger transport	8,733	13,988	5,255
Stock truck effluent disposal	35	52	17
Total for all projects	8,898	14,163	5,265

Estimated and Actual Revenue- Transport

Funding sources	Actual to 30 June 16 \$000s	LTP Estimate to 30 June 16 \$000s	Variance () = Under spent
Operating costs	8,898	14,163	(5,265)
<i>Funded by:</i>			
General rates	468	462	6
Targeted rates	3,353	3,346	7
Other income	979	290	689
Grants	4,738	8,212	(3,474)
Scheme reserve	(640)	1,853	(2,493)
Total funding	8,898	14,163	(5,265)

Comments:

Public passenger transport is under spent due to timing issues. There are delays in implementing the new electronic ticketing system and total mobility system, which are being undertaken in conjunction with NZTA. To date, the bus hub is also underspent, but this is a three year project, to be completed in 2017/18. Note is made that this under spend is funded by transport reserves and NZTA grants.