

Year End
REPORT



30 June 2013

CATCHMENT MANAGEMENT GROUP

1	Environmental Wellbeing Committee	1
1.1	Biosecurity	1
1.2	Biodiversity	9
1.3	Land Management	21
1.4	Flood Protection	33

1 ENVIRONMENTAL WELLBEING COMMITTEE

1.1 Biosecurity

Department Activity

The 2012/13 year was a testing year for the Biosecurity department with changes to the AHB contracting requirements and our staff taking responsibility for pest management delivery in Biodiversity Management Areas and GWRC Parks. Staff successfully delivered the new programmes but resource shortages meant that some of the core RPMS work was delivered to a lower standard than in the past.

Biosecurity remained active in responding to national biosecurity initiatives. We participated in the development of the National Machinery Cleaning Guidelines with a number of regional councils, Federated Farmers, contractors associations and the Ministry for Primary Industries. We were successful, working with other regional councils, MPI and power companies, in obtaining Environmental Protection Authority approval to use a number of agri-chemicals for aquatic weeds over water. We remain active participants in the Biocontrol Collective and the leading agency in seeking approval for the importation and release of biocontrol agents for Japanese honeysuckle.

Biosecurity staff took the lead in the joint project with the Bay of Plenty Regional Council on the development of the user specification for the Land Resources Support System (LRSS). The LRSS will provide a data management tool for Biosecurity, Biodiversity and Land Management. The "User Requirements Future State Report" project was completed in June 2013 and is currently undergoing final assessment with both councils.

We continued to consult with government agencies on national issues. We worked with the EPA during the reassessment of controls for animals in zoos and aquariums. Biosecurity submitted on the review, with a focus on the resourcing and containment requirements for smaller facilities.

Staff have been active in the national Biosecurity Working Group and worked closely with our partners from DOC and Lower North Island regional councils on the Nature Central initiative.

Pest Animals

Biodiversity KNE Programme

This programme consists of a total of 128 sites, with 24 in the Wairarapa and 104 in the Western Zone. GWRC Parks pest animal control is now included in this programme. Overall the demanding programme ran smoothly with the servicing periods going to plan. Several new operations were established this year, all of which target multiple predator species in vulnerable wetland and coastal

sites. The new areas include Pounui Lagoon, Riversdale Beach, Baring Head and Boggy Pond/Matthews Lagoon.

The Wainuiomata/Orongorongo aerial 1080 operation carried over into 2012/13 was completed in August 2012. Pest Animals staff completed the planning and approvals for the Akatarawa Forest aerial 1080 operation early in 2013. The prefeed application was completed in June 2013 and toxin application is planned for July 2013.

The continued increased sightings of locally-rare native birds, such as kakariki and bellbird, in urban Wellington has prompted Wellington City Council and the public to encourage private landowners to do pest control in their own back yard and instigated project "HALO". This included working with the well-publicised Morgan Foundation. Biosecurity staff were promoted as regional pest management experts. We provided advice around communications and control methods for the public.

The involvement of volunteers and TLAs, already very significant partners in the delivery of the KNE programme, are becoming more significant. Volunteers are a valuable resource to assist with pest management. A great example is the volunteers from Whitireia Park who have been servicing mustelid traps and have now agreed to help service the bait stations and possum traps that keep the peninsula possum free. Similarly, a group of enthusiastic volunteers have initiated a predator control programme along the Waikanae River corridor from SH1 Bridge west to the Waikanae Estuary. Kapiti Coast District Council (KCDC), Transpower and GWRC Flood protection have all contributed funding to install possum, rat and mustelid control equipment on both sides of the river. KCDC are leading the project with GWRC staff undertaking the planning and field work. Mustelid traps were also installed for KCDC at Otaki Estuary and Pharazyn Reserve with volunteers servicing these traps.

Rooks

This season's rook control programme was completed successfully in October 2012. There were only 44 nests treated this year compared to 98 last year. This is a significant reduction in nest and rook numbers. For the first time in the 20 years since the rook programme was established, we can confirm that there were no active nests found in the South Wairarapa. There was also no known arable crop damage by rooks in the region. This is a significant achievement and indicates that we are on track to eradicate this pest from the region.

Rabbits

The rabbit population throughout the region remains stable, with no properties above the enforcement Level 5 on the McLeans Scale. There are small pockets of dense rabbit populations along the Kapiti coast which oscillate up and down with the seasonal conditions. These populations usually occur around lifestyle blocks and amenity areas. Rabbits were more obvious this year in the drier parts of the Western Zone during the drought period. Rabbits remained generally low in most parts of the Wairarapa. Cost recovery work was undertaken for various land owners throughout the year using pindone carrot bait. One of the main operations for the year was rabbit control at Moa Point in Wellington and the Howarth Block in Otaihanga. Regular night shooting for Wellington City Council in the urban parks continued.

The annual blood serum sampling to assess regional immunity levels for rabbit calicivirus disease was not undertaken this year. Blood sampling will be a priority in 2013/14.

Pest Plants

Biodiversity KNE Programme

Staff completed management activities at 68 KNE sites, with a total of 71 control contracts completed. A substantial number of sites were controlled by staff.

RPMS Species Led Programmes

All known sites were inspected and controlled for Surveillance, Total Control and Containment species. Surveillance and Total Control site management continued to discover new incursions. Forty new Total Control sites were located this year. Even with the new sites discovered the Total Control programme was successful. Of the 1054 known sites, 64 (5% of total) changed status to Monitored (no pest plants found for five years) and 29 (2.3% of total) changed status to Eradicated (nine years clear).

Planned extended surveillance around the known infested sites was suspended mid-year due to priority given to the biodiversity programme. The Surveillance programme will be given priority in the 2013/14 year.

Public enquiries were all responded to and completed within the statutory time frame. We received regular positive feedback from the public on staff performance.

Biocontrol

The Biocontrol programme focused on monitoring and collecting established agents for translocation to new areas.

GWRC Biosecurity was the lead agency and sponsored an application to EPA to import and release a biocontrol agent for Japanese honeysuckle; Honshu white butterfly. We have completed consultation for the importation and have filed an application with the EPA. The application was notified in May 2013. The submissions stage has been completed recently with favourable responses from the majority of submitters.

Working With MPI and Other Agencies

We continued our successful collaboration with MPI on the National Pests of Interest response programme to eradicate Manchurian wild rice. Our local infestation is at the final and critical stages for a successful eradication. We completed another positive "Check, Clean Dry" MPI funded campaign to prevent the further spread of aquatic pests, including didymo, over the past year.

Together with other regional councils, DOC and Weed Busters, we led a project to complete the regional "Plant Me Instead" booklet, which provides the public with native alternatives to exotic and often "weedy" species.

BioWorks

2011/12 Tb Free (AHB) Programme – carried forward projects

BioWorks had 37,006ha of the 2011/12 programme to complete this financial year, including 6,774 hectares of ground control and 30,232 hectares of aerial control. BioWorks completed the Rimutaka Range Aerial Project (20,709ha) in October 2012. This area included all of the Rimutaka Ranges from the Wainuiomata water collection area northwards to the Tararua Ranges. The Pukeatua aerial project (5,126ha) near Otaki Forks was completed in November 2013. Both projects were delivered with no issues or adverse publicity and met all Tb Free standards.

Ground control included four performance contracts in the Mangaroa Kaitoke and Kapiti Buffer areas. All projects passed the performance monitor on the first attempt.

2012/13 Tb Free Programme

BioWorks fully completed the 2012/13 programme which covered 52,600ha. This included five output projects covering 14,650ha. All projects passed with excellent results. The team also completed another 16 input contracts covering 37,950ha with no corrections required on audit.

This is the first time ever in the unit's history that BioWorks has completed the Tb Free annual programme with no carry forwards and no performance monitor failures.

Regional Possum Predator Control Programme

Control was undertaken within the Kapiti District covering 12,300ha. Following extensive landowner consultation, 846 bait stations have been installed and filled. Progress was slow due to the large number of landowners to be contacted in the area. Overall the acceptance of the programme by landowners has been very good. The RPPCP will not be implemented within urban areas of the Kapiti District or Porirua City where areas are already covered through the GWRC biodiversity programme.

The servicing of the North Wairarapa RPPCP area, which covers some 15,000ha, was completed in June 2013. Staff refilled approximately 1,900 bait stations.

Due to the low possum numbers at the end of last year's control programme there was no monitoring organised for the 2012/13 financial year. We are planning to monitor possum numbers in both Western and Wairarapa RPPCP areas in 2013/14.

Financial Reports

Biosecurity Funding Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Rates & Levies	3,023	3,023	-	2,649
Government Grants & Subsidies	-	-	-	-
External revenue	141	-	141	159
Investment Revenue	10	12	(2)	13
Internal Revenue	2,062	2,068	(6)	1,056
TOTAL INCOME	5,236	5,103	133	3,877
<i>less:</i>				
Personnel	1,837	1,750	(87)	1,615
Materials,Supplies & Services	349	635	286	302
Travel & Transport Costs	99	104	5	90
Contractor & Consultants	857	1,342	485	404
Grants and Subsidies Expenditure	495	480	(15)	460
Internal Charges	702	282	(420)	496
Total Direct Expenditure	4,339	4,593	254	3,367
Financial Costs	-	-	-	-
Bad Debts	-	-	-	-
Corporate & Department Overheads	560	455	(105)	455
Depreciation	103	104	1	96
Loss(Gain) on Sale of Assets / Investments	(39)	(21)	18	(27)
TOTAL EXPENDITURE	4,963	5,131	168	3,891
OPERATING SURPLUS/(DEFICIT)	273	(28)	301	(14)
Add Back Depreciation	103	104	(1)	96
Other Non Cash	(39)	(21)	(18)	(27)
Net Asset Acquisitions and Capital Expenditure	(66)	(82)	(16)	(72)
Net External Investment Movements	-	-	-	-
Repaid Debt	-	-	-	-
Net Reserves (Increase) / decrease	36	26	(10)	24
NET FUNDING BEFORE DEBT ADDITIONS	307	(1)	(308)	7
Internal Debt Additions	-	-	-	-
External Debt Additions	-	-	-	-
NET FUNDING SURPLUS (DEFICIT)	307	(1)	308	7

Biosecurity Capital Expenditure Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Total Asset Acquisitions	109	103	(6)	97
Capital Project Expenditure	-	-	-	-
Asset Disposal Cash Proceeds	(44)	(21)	23	(26)
Net Capital Expenditure	65	82	17	71

BioWorks Funding Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Rates & Levies	-	-	-	-
Government Grants & Subsidies	-	-	-	-
External revenue	999	1,895	(896)	1,691
Investment Revenue	28	26	2	26
Internal Revenue	457	62	395	155
TOTAL INCOME	1,484	1,983	(499)	1,872
/less:				
Personnel	951	1,097	146	1,024
Materials,Supplies & Services	136	262	126	423
Travel & Transport Costs	53	80	27	63
Contractor & Consultants	164	98	(66)	3
Grants and Subsidies Expenditure	-	-	-	-
Internal Charges	79	114	35	136
Total Direct Expenditure	1,383	1,651	268	1,649
Financial Costs	-	-	-	-
Bad Debts	-	-	-	-
Corporate & Department Overheads	100	205	105	54
Depreciation	104	98	(6)	91
Loss(Gain) on Sale of Assets / Investments	(7)	(18)	(11)	(52)
TOTAL EXPENDITURE	1,580	1,936	356	1,742
OPERATING SURPLUS/(DEFICIT)	(96)	47	(143)	130
Add Back Depreciation	104	98	6	91
Other Non Cash	(7)	(18)	11	(52)
Net Asset Acquisitions and Capital Expenditure	(14)	(100)	86	(112)
Net External Investment Movements	-	-	-	-
Repaid Debt	-	-	-	-
Net Reserves (Increase) / decrease	100	(26)	126	(56)
NET FUNDING BEFORE DEBT ADDITIONS	87	1	86	1
Internal Debt Additions	-	-	-	-
External Debt Additions	-	-	-	-
NET FUNDING SURPLUS (DEFICIT)	87	1	86	1

BioWorks Capital Expenditure Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Total Asset Acquisitions	21	118	97	182
Capital Project Expenditure	-	-	-	-
Asset Disposal Cash Proceeds	(7)	(18)	(11)	(70)
Net Capital Expenditure	14	100	86	112
Investments Additions	-	-	-	-
Net Capital and Investment Expenditure	14	100	86	112

BioWorks Statement of financial position	30 June	30 June	Movement \$000
	2013	2012	
Total Retained Earnings	1,467	852	615
Asset Revaluation Reserves	-	-	-
Departmental Reserves	451	551	(100)
Movement in Equity	(960)	698	(1,658)
Total Ratepayer Funds	958	2,101	(1,143)
Receivables	182	843	(661)
Accrued Revenue and Prepayments	-	323	(323)
Stocks	103	112	(9)
Total Current Assets	285	1,277	(992)
Total Investments	451	551	(100)
Net Fixed Assets	348	431	(83)
Capital Works In Progress	-	-	-
Total Non Current Assets	799	982	(183)
Total Assets	1,084	2,260	(1,176)
Payables and Accrued Expenses	24	62	(38)
Employee Provisions and Accruals	102	97	5
Current Liabilities	126	159	(33)
Internal Debt	-	-	-
Total Liabilities	126	159	33
Net Assets	958	2,101	(1,143)

Biosecurity Reserve Balances	Actual Opening Balance \$000	Actual Transfer to \$000	Actual Interest \$000	Actual Transfers from \$000	Closing Balance \$000
Bovine Tb Reserve	223	0	11	-20	214
Regional Possum/Predator Reserve	0	47	0	0	47
BioWorks Reserve	551	0	28	-127	452
	774	47	39	-147	713

Financial Variance Analysis

The Biosecurity department finished the financial year with an operating surplus of \$273K. External revenue for animal pest control and KNE projects was \$141K above budget. Material costs were below budget due to the deferral of aerial control programmes. Contractor savings were made by undertaking control operations in-house with our dedicated weed team and through the delivery of the RPPCP by our BioWorks team. The deficit in internal charges in Biosecurity of \$420K was offset by BioWorks' \$395K of internal revenue. Some of the savings were made as the delivery of core RPMS species programmes was deferred due to staff shortages.

Annual Plan Performance Measures

Performance Measure	Performance Target		Comment
	Baseline	2012/13	
Number of active pest plant "Total Control" sites	890 (2010/11)	Decrease on previous year	The overall number of active sites decreased by 53. Delimiting survey of Total Control species discovered 40 new sites. During the year 64 sites changed status from Active to Monitored (five years with no plants found) and further 29 sites changed from Monitored to Eradicated (nine years with no plants found).
Number of rabbits in the region	Low No areas persistently recorded above 5 on the Modified McLean Scale (2010/11)	Low (<5 on the Modified McLean Scale)	Annual surveys of rabbit prone land in the region found no areas exceeding the performance target. Annual night counts have shown rabbits to still be at low levels, although slightly up in the Kapiti Coast from last year. Rabbits were at Level 5 on an NZTA motorway island on SH1 at Papakowhai in Porirua. We are not able to enforce control on Crown land and the rabbits were not spreading from this area. Night shooting was undertaken at numerous locations for TA parks and amenity areas and pindone carrot was laid for private landowners upon request.
Number of possums in the Regional Possum Predator Control Programme area	Low Less than 5% Residual Trap Catch (2010/11)	Low (<5% Residual Trap Catch)	Due to the low numbers of possums monitoring was deferred to 2013/14 year.

Specific areas of work 2012/13	Comment
Carry out the Regional Possum Predator Control Programme	Servicing was completed over the entire North Wairarapa RPPCP area (19,000ha) and the programme was implemented in the Kapiti and Porirua districts over 12,300ha.
Carry out the Regional Pest Management Strategy	The core of the RPMS programme was delivered according to the RPMS Operational Plan. Some planned work, including rabbit RHD blood sampling and delimiting surveys of Surveillance species, was deferred to 2013/14.

Risk Analysis

The Biosecurity Department is currently undertaking the GWRC funded Akatarawa Forest Aerial 1080 Operation. This project covers 15,000 hectares. Pre-feeding has been completed, with the toxic application planned for July 2013. Later in 2013, BioWorks will be undertaking the TbFree funded aerial 1080 West Tararua project and DOC funded Project Kaka. Although GWRC has an excellent track record of safe and successful aerial 1080 operations there are associated risks, particularly around public perception of this toxin.

Pest animal management and use of vertebrate toxin agents (VTA) and traps is constantly under public scrutiny. The time and costs associated with managing risk is constantly increasing as gaining various statutory approvals becomes more stringent.

Biosecurity will commence the five year review of the current Regional Pest Management Strategy. The scope and the extent of the review depend on interpretation of the pending National Policy Direction following the promulgation of the Biosecurity Act 2012 amendments. Resource requirements to complete the review under the NPD and amended Act may be substantially higher than originally anticipated. We are working with the Ministry for Primary Industries, Department of Conservation and other regional councils to optimise and coordinate the review process.

1.2 Biodiversity

Overview

The year under review, the department's first full year of operation since restructuring, has seen the consolidation of the department's core roles as well as fine-tuning of some programmes.

The biodiversity advice function is now well established with Environmental Regulation and Environmental Policy being the main internal clients.

The biodiversity management function, on which most of the department's budget is spent, was enhanced during the year by including biodiversity management projects in the work programmes of

a greater number of staff in the department. This increase in resourcing will enable a greater number of ten-year Biodiversity Area Plans to be completed in the 13/14 year.

Both the Wairarapa Moana and Porirua Harbour projects are moving from a predominantly planning phase to the implementation phase and Biodiversity department staff will become increasingly busy with these significant projects.

Biodiversity Management Areas Programme

A total of 145 BMAs were actively managed over the 2012/13 year. The focus of management activity was pest animal and plant control, with revegetation planting occurring on regional parks, and in some dune and wetland habitats. BMAs closest to residential areas and regional parks have received the most pest plant control, while the most extensive pest animal operations have occurred in the water catchment lands or regional parks. The majority of the BMAs being actively managed are part of the KNE or regional park biodiversity programmes, but over 2012/13 a number of additional BMAs have been added to the programme. New BMAs have mostly been in the Wairarapa, or in coastal or wetland habitats. Working with other agencies including TAs, DOC and the QEII Trust we have developed joint arrangements to support biodiversity work at sites owned or managed by these agencies. While the KNE programme had established arrangements with TAs the expansion of the BMA programme to include DOC and QEII Trust managed sites has opened up significant opportunities to improve biodiversity management in the region. Key developments and results of the BMA programme include:

- ▶ Delivery of the revegetation planting work. This relied heavily on the contribution of community groups, volunteers and regional park staff;
- ▶ Pest animal and plant work has been delivered by a mix of Biosecurity department staff and external contractors managed by the department. There have been some problems with the delivery of pest control work due to capacity issues within the Biodiversity department. This issue is currently being examined;
- ▶ A project financed by Masterton District Council and organised by Biodiversity department staff on the Mataikona Coast fenced off a small area to plant pingao’;
- ▶ Arbor Day planting at Parangarahu Lake with Port Nicholson Block Settlement Trust was well attended with MIRO and GWRC staff also attending;
- ▶ A planting day at the Northern Wetland, in Queen Elizabeth Park, was organised with Parks department staff;
- ▶ Wainuiomata Mainland Island had a full service of all bait stations and traps were filled. Pig cullers shot eight boars, four sows, two juvenile pigs and one deer.

Table 1: Biodiversity management activities 2012-13

Activity type	Number of areas
Revegetation	8
Fencing	1
Pest plant control	86
Pest animal control	103
Total number of BMAs with management activity 2012-13	145

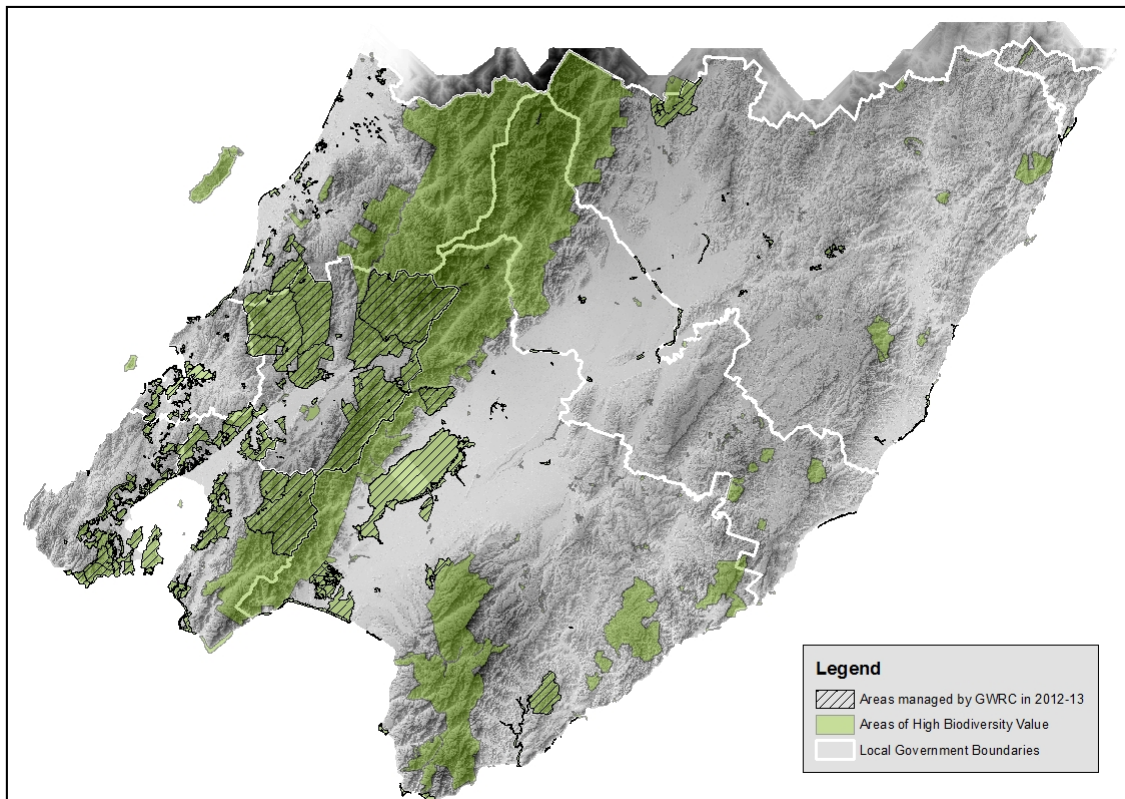


Figure 1: Areas actively managed for biodiversity in 2012-13

Ecological Connections Programme

Although this programme has not yet been fully scoped, some development work has been carried out to further define the forest connectivity aspects. This information is being used as part of the advisory programme, and is being used to contribute to Biodiversity Area Plans, in particular Eastbourne Northern Forests. This programme is closely aligned with Zelandia’s “HALO” project that is currently in development in partnership with multiple agencies.

A project has been carried out to identify barriers to fish passage on GWRC parks land. Recommendations for the implementation of the removal of any barriers to fish passage will be made in the final report.



Porirua Harbour Project

A report identifying options for estuarine restoration projects within Porirua harbour has been completed. Discussions with the community have provided further guidance including a desire to see work in the Onepoto arm. Detailed planning for restoration of the Porirua Stream mouth delta area will commence shortly. A project looking at cost-effective ways to reduce sediment entering the estuary from the Porirua Harbour Catchment is underway. The project is being undertaken by consultants (GroundTruth) and will be completed late this year. This work is based on recent work commissioned by GWRC on sediment generation from different land uses.

GroundTruth consultants delivered the Pauatahanui Vegetation Framework during the year. In the year under review the following has been achieved under this joint GWRC/PCC project:

- ▶ 2,300 metres of fencing to remove stock access from riparian areas and wetlands
- ▶ Planting of 9,200 native plants to protect riparian, wetland and hill slope areas
- ▶ 22 hectares of indigenous forest regeneration in upper catchment fenced and retired

Staff were involved in a number of groups activities within the Porirua Harbour Catchment including:

- ▶ Porirua Harbour Strategy Implementation group (with PCC and WCC)
- ▶ Porirua Harbour catchment school education working group (with external agencies delivering education about the harbour to schools)
- ▶ Porirua Harbour catchment community working group (coordinating community engagement across external organisations)
- ▶ Porirua Harbour GWRC Coordination Group (coordinating GWRC activities in the catchment across departments)
- ▶ Staff worked with Aotea College and Titahi Bay Intermediate School on harbour biodiversity activities
- ▶ Staff coordinated school, corporate and public working bees at the Pauatahanui Wildlife Reserve in partnership with Forest and Bird

Wairarapa Moana Wetlands Project

Delivery of projects that were planned during the year is underway. This includes community and school engagement with staff involved in coordination and participation in community plantings at Onoke Spit, Onoke/Okorewa lagoon, Wairio Wetland, Ruamahanga Banks and Lake Domain.

- ▶ Biodiversity staff continued to assist with administration of the Wairarapa Moana Wetlands Project Coordinating Committee

- ▶ The Wairarapa Moana website is currently under construction
- ▶ Biodiversity staff are working with DOC to set up an “Interpretation Project” to provide a professional and engaging branding identity for signage, brochures and events specific to Wairarapa Moana
- ▶ Biodiversity staff continue to facilitate the Wairarapa Moana Information Exchange Group meetings. These involve representation of all GWRC departments involved to share information about current work programmes
- ▶ The Wairarapa Moana Wetlands Project logo and guidelines have been distributed electronically and are in general use for documentation relating to the Project
- ▶ A baseline native plant survey was carried out by Biodiversity and DOC staff at Onoke/Okourewa Lagoon
- ▶ The work of the South Wairarapa Biodiversity community group has been strongly supported by the department enabling the group to carry out a range of activities including native plantings and bird monitoring
- ▶ The department has initiated a collaborative project with the Department of Conservation looking at the biodiversity values in the Lake Pounui and Pounui Lagoon area (south west of Wairarapa Moana) and identifying opportunities to further enhance this high value biodiversity area. Staff are organising planting days to plant 6,700 plants at Bartons Lagoon
- ▶ Following the wetland bird surveys completed in June, trapping equipment has been purchased to protect bittern and marsh crake habitat



Surveying kakahi (freshwater mussel) numbers at Wairarapa Moana

Biodiversity Advice

In the 2012-13 financial year the department provided advice on policy development, consenting issues and technical issues relating to biodiversity management to various clients. A summary showing the individual pieces of advice provided is given in Table 2

Table 2: Annual summary of the Biodiversity Advice Programme for the four quarters of the financial year (Q1, Q2, Q3, and Q4)

	Q1	Q2	Q3	Q4	Annual Total
Policy and planning documents	4	5	7	10	26
Consents	5	6	6	8	24
Technical advice	19	26	39	25	109
Totals	28	37	52	43	159

Policy and planning advice

The department contributed to GWRC submissions on external planning documents. These included:

- ▶ Porirua City Council – Draft Reserve Management Plan
- ▶ Hutt City Council - Draft Urban Growth Strategy
- ▶ Wellington City Council – Draft Open Spaces and Recreation Framework

The department continues to provide advice on the development of the regional plan. Specific advice was provided for:

- ▶ Outcome tables for wetlands
- ▶ Provisions for the beds of lakes and rivers

The department assisted the Flood Protection department by reviewing a draft Floodplain Management Plan for Pinehaven.

Table 3: Summary of technical advice provided for the four quarters of the financial year (Q1, Q2, Q3, and Q4)

Policy and planning - annual summary					
Document types	Q1	Q2	Q3	Q4	Annual Total
Regional Policy Statement	1				1
Regional Plan	3	3	2	3	11
National legislation			1		1
District Plan		2	3	1	6
Other GWRC plans				2	2
Other non-statutory				2	2
Other statutory			1	2	3
Totals	4	5	7	10	25

Table 4: Summary of advice provided on resource consents for the four quarters of the financial year (Q1, Q2, Q3, and Q4)

Consents - annual summary					
	Q1	Q2	Q3	Q4	Annual Total
EPA	1	1		2	4
GWRC	4	5	5	6	20
TA			1		1
Totals	5	6	6	8	25

Best Practice and Technical Advice

The department continues to provide high-quality advice on the technical aspects of biodiversity management to various stakeholders. In this year, advice was provided to 73 external, and 37 internal clients. A summary of the advice provided by ecosystem type is presented in Table 5

Table 5: Summary of technical advice provided for the last four quarters of the financial year (Q1, Q2, Q3, and Q4)

Technical Advice - annual summary					
	Q1	Q2	Q3	Q4	Annual Total
Coastal (non dunes)	1		6	6	13
Dunelands	4	7	5	1	17
Estuaries				1	1
Forest-shrubland	4	4	5	2	15
Mixture		2	1	1	4
Riparian	7	8	12	2	29
Rivers-streams		1	3	3	7
Wetlands & lakes	3	4	7	6	20
Mixture/Non-specific				3	3
Totals	19	26	39	25	109

Biodiversity Advocacy

Information to the Community

- ▶ Staff gave a two hour seminar to an Ecological Restoration and Conservation Biology postgraduate course at Victoria University on community involvement in GWRC Biodiversity programmes;
- ▶ Eighteen community restoration groups have been supported through the Take Care programme;
- ▶ Biodiversity staff supported Land Management staff with school and community planting events at Makoura Stream (with St Matthew’s School) and Riversdale Dunes (with Whareama School);
- ▶ A biodiversity section was added to the GWRC website when the website was upgraded. The section is being developed to reflect work programmes undertaken by the Biodiversity department and biodiversity work undertaken by other departments. Maintenance and upgrading of historic information (restoration resources and school resources etc.) to fit the biodiversity department direction and work programmes was also commenced

- ▶ The annual Encore Awards recognising the range of individuals, groups, organisations and businesses contributing to environmental restoration, conservation and heritage was held on Monday 3 December.

Financial Reports

Biodiversity Funding Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Rates & Levies	4,321	4,321	-	4,365
Government Grants & Subsidies	-	-	-	18
External revenue	271	301	(30)	225
Investment Revenue	-	-	-	-
Internal Revenue	95	81	14	160
TOTAL INCOME	4,687	4,703	(16)	4,768
<i>less:</i>				
Personnel	1,366	1,398	32	1,690
Materials,Supplies & Services	203	286	83	410
Travel & Transport Costs	65	73	8	90
Contractor & Consultants	279	513	234	771
Grants and Subsidies Expenditure	-	-	-	-
Internal Charges	2,335	2,310	(25)	1,265
Total Direct Expenditure	4,248	4,580	332	4,226
Financial Costs	-	-	-	-
Bad Debts	-	-	-	-
Corporate & Department Overheads	404	404	-	360
Depreciation	33	30	(3)	22
Loss(Gain) on Sale of Assets / Investments	(19)	(11)	8	-
TOTAL EXPENDITURE	4,666	5,003	337	4,608
OPERATING SURPLUS/(DEFICIT)	21	(300)	321	160
Add Back Depreciation	33	30	3	22
Other Non Cash	(19)	(11)	(8)	-
Net Asset Acquisitions and Capital Expenditure	(41)	(45)	4	(33)
Net External Investment Movements	-	-	-	-
Repaid Debt	-	-	-	-
Net Reserves (Increase) / decrease	88	326	(238)	(168)
NET FUNDING BEFORE DEBT ADDITIONS	82	-	82	(19)
Internal Debt Additions	-	-	-	-
External Debt Additions	-	-	-	-
NET FUNDING SURPLUS (DEFICIT)	82	-	82	(19)

Biodiversity Capital Expenditure Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Total Asset Acquisitions	67	70	3	33
Capital Project Expenditure	-	-	-	-
Asset Disposal Cash Proceeds	(26)	(25)	1	-
Net Capital Expenditure	41	45	4	33
Investments Additions	-	-	-	-
Net Capital and Investment Expenditure	41	45	4	33

Financial Variance Analysis

Contractors were \$234K and materials \$83K favourable due to timing of implementation and community projects.

Annual Plan Performance Measures

Performance Measure	Performance Target		Comment
	Baseline	2012/13	
Total number of identified high value biodiversity areas (excluding streams and marine sites) under active management	106 (2011/12)	120	140 sites under active management in 2012/13.

Specific areas of work 2012/13	Comment
Implement the Key Native Ecosystems and habitats of threatened species programmes	<p>The biodiversity management area programme actively manages 140 areas to protect ecosystem values of Key Native Ecosystems and habitats of threatened species. The focus of the programme for the third quarter has been to undertake sustained possum-predator control, and/or continue to reduce pest plant abundance. Preparation for planting at selected sites has commenced.</p> <p>The department continues to contribute to the management of biodiversity in the region through the coordination of biodiversity activities, the preparation of management plans, and relationship building and engagement with key stakeholders.</p> <p>An estuary restoration plan has been completed for Porirua Harbour biodiversity management area.</p>

<p>Monitor high value biodiversity areas</p>	<p>All areas managed for their biodiversity value receive monitoring for the results of pest plant and animal control, and other management activities such as legal protection, fencing and planting.</p> <p>Fourteen reference sites have ongoing more extensive pest animal presence monitoring programmes in place.</p>
<p>Provide advice to planning and regulatory processes to protect indigenous biodiversity</p>	<p>Biodiversity staff have worked with the Environmental Policy department on drafting of the Regional Plan.</p> <p>Advice was provided on five resource consent applications to Environmental Regulation, and in four submissions on other council's plan changes and other external projects.</p>
<p>Implement relevant aspects of the Porirua Harbour and Catchments Strategy and Action Plan</p>	<p>The department awaits the final draft of the "Estuary re-vegetation plan" (Action EB2) by Boffa Miskell which will provide guidance on the restoration of the harbour.</p> <p>A new project to protect erosion-prone land and to enhance biodiversity on private property was approved under the "Pauatahanui Vegetation Frameworks" programme (Action SA6).</p> <p>A contract with GroundTruth (Peter Handford) for the preparation of the "Whole-of-catchment revegetation plan" (Action SB5) is currently being negotiated.</p>

Risk Analysis

No significant changes during the quarter.

1.3 Land Management

Overview

There have been a number of highlights during the 2012/13 year, as follows. These include the financial performance of the Akura Conservation Centre, the extension of Akura nursery and commencing redevelopment of the retail area at Akura, completion of the fourth year of the WRECI programme, a successful year in gaining funding for twelve Afforestation Grant Scheme (AGS) projects, the development of Farm Environment Plans in the Mangatarere catchment, and the collaboration with other Departments on the Wairarapa Moana Freshstart for Freshwater Clean Up programme.

The six hectares of new nursery at Akura has established very well despite an extended dry period through February/March when irrigation application rates were required to be reduced by consent

conditions. A start has been made on redevelopment of the retail area at Akura. This is primarily focused on improving traffic flows around the compound and providing additional area for retail sales and storage areas for Flood Protection equipment and project material.

The Farm Environment Plan (FEP's) programme in the Mangatarere catchment has been progressing extremely well following the appointment of a new staff member to manage this programme. Farmer interest in this catchment is rapidly increasing as evidenced by attendance at a field day held in June. Work on FEP's continues in the Mangaone catchment near Te Horo and it is anticipated that increased demand will also come from dairy farmers in Wairarapa Moana.

The past year has also seen significant progress in both the AGS and WRECI programmes. Twelve projects, totalling 401.6 hectares, were completed in the final year of funding for this Government funded programme. The WRECI hill country erosion programme, also supported by Government funding, continues to be well supported by farmers. Plans have been prepared for 55 properties and the programme is well on track to reach the target of 100 Plans by 2016.

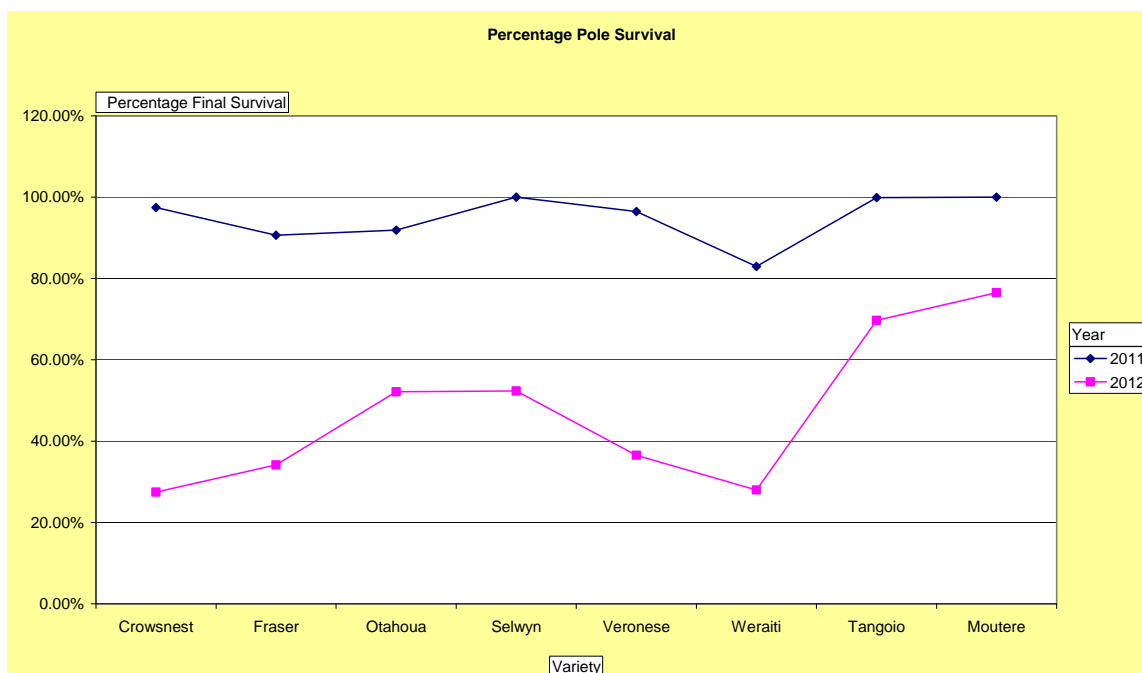
Akura Conservation Centre has returned another good result for the year. An operating deficit of \$29K has been returned compared to a budget operating deficit of \$7K. The summer and early autumn seasons have both been very dry, however the irrigation proved very beneficial despite reduced allocations towards the end of the dry spell. Akura received 350mm of rainfall from January to May 2013. An additional 320mm has been applied from irrigation and this additional water is directly responsible for the very good growth across the entire nursery.

The Land Management financial result of an operating surplus of \$47K compares well with the budgeted operating surplus of \$29K. This result has been achieved while meeting all the annual performance targets set in the Annual Plan.

Department Activity

Planting Programmes

The six months December-May produced significantly lower than normal rainfall with the six Wairarapa hill country sites recording an average of 315mm compared with the long term average of 416mm for the six month period. This represents falls that are 75% of average. This extended period of drought placed severe pressure on soil conservation plantings established during the winter. In particular poplar and willow planting has resulted in much lower establishment rates than those recorded in past years. It is evident that the coastal belt which received about twice the rainfall has lifted averages overall.



Last year's audit when summer rains were very adequate resulted in an average survival of 96%. This year the average across 15% of the total poles planted was 50%. Across eight different poplar and willow varieties the survival rate ranged between 27% and 77%. Last year the range was between 86% and 100%.

Better results have been achieved from riparian and conservation woodlot plantings. The former because they are generally near watercourses, and the latter which are predominantly *Pinus radiata* woodlots require much less moisture than poles and some sites have recorded upwards of 85% survival rate.

Akura Conservation Centre

The Centre has returned a very good performance over the last year. Nursery operations such as pruning, mowing and spraying have been well timed. Irrigation was stopped after rainfall of 110mm during 18/19 March, but with soil moisture deficits of around 100mm the irrigation was started again on 3 April. The low flows in the Waipoua River meant that the water take was reduced to 50% for the remainder of the season.

Growth rates in the new nursery have generally been very good however some blanking will be required to fill significant gaps. This will be carried out when a further five hectares of new nursery are planted in the spring. Despite these disappointing results for 2012 the demand for poles for this year remains very high. It has become evident over the last five years that a poor result does not necessarily translate into lower demand.

A start on the redevelopment plan for the retail area at Akura was made in May and half the work has been completed to date. This includes a new entranceway off Paierau Road, a new one-way loop road and improved customer parking. Next year the development will incorporate new display areas, order bays and pole bays. Many of the improvements are associated with traffic safety and removing congestion from the yard during periods of high activity.

Farm Environment Plans

Staff have successfully completed the first year of Farm Environment Plan (FEP) roll-out in the Mangatarere and Mangaone catchments. Farmer interest is high in both catchments and there is a demand for knowledge especially around soil and effluent management. A Mangatarere field day was held in June and 20 dairy farmers from throughout the catchment heard from a range of industry professionals on a range of nutrient, soil and effluent management opportunities.

Similar opportunities exist to work closely with landowners engaged in the Wairarapa Moana Clean-up Fund project. A shorter version of the FEP is being used to identify interventions aimed at reducing nutrient losses into the lake and the surrounding lagoons and waterways. Of particular value for staff and landowners is the 'walkover' which allows for wide ranging discussions and an opportunity to establish a good relationship with the landowner. The implementation phase will start in earnest over the next few months.

FEP's are also likely to feature in the Porirua harbour action plan following the recent release of a report that suggests that pastoral land is the main source of sediment (and phosphates) into the harbour. This is especially so for the Pauatahanui Inlet and preliminary discussions have been held to consider the policy framework which would see Land Management staff more actively involved in this catchment.

Wellington Regional Erosion Control Initiative (WRECI)

The fourth year of the WRECI programme continued the excellent progress achieved since the inception of this Government supported programme. The four year contract with the Ministry for Primary Industries (MPI) expired on 30 June 2013. As yet there has been no action on a new contract with MPI despite endless requests. Verbal and email exchanges have confirmed business as usual in the interim and we have requested a further three years on the contract. Much of the delay within MPI is to ensure that programmes such as WRECI which are funded through the Hill Country Erosion Fund align with a more production based policy model as directed by the Minister.

Nevertheless WRECI has achieved its four year targets of 55 Farm Plans, 260 hectares of eroding pasture land planted with poplars and willows, and 150 hectares of land retired from grazing. Additionally a further 1,140 hectares of eroding land have been planted by landowners through the Afforestation Grant Scheme (AGS). The AGS programme complemented the WRECI programme extremely well. Unfortunately the AGS was only funded for five years and 2012/13 was the last year of that funding. A small area of some 70 hectares will be completed this winter through a transfer of funding for work not completed in 2012/13.

Wairarapa Forests

The harvesting at Tauanui has been completed. A total of 7,798 tonnes has been harvested over the last year, returning a net stumpage of \$21.53 per tonne. This return reflects the quality of the logs grown at Tauanui is in line with projections at the start of logging. Tauanui was initially established for soil conservation purposes in the 1960's and there has been minimal management of the forest over the last 40 years. Approximately 200 hectares have been replanted and should offer improved returns at the next harvest cycle if traditional management regimes are practised.

During June 2013 a start was made on harvesting the 1984 plantings at Hiwinui. This is a totally different forest to Tauanui and standard forestry practices have been followed on a site that offers

improved tree performance. A total of 2,347 tonnes has been harvested in the last month, returning at net stumpage of \$41.65 per tonne. Budgeted yield for 2013/14 is 22,000 tonnes. For the next five years Hiwinui can expect to perform at or near this level of yield and return.

Stoney Creek forests were planted from 1990 to 1996, the first harvest being due in 2019 and will follow on directly from Hiwinui. The forests are to be harvested over ten years in order to minimise the risk of soil loss. Work is ongoing in two major riverbeds on the property to ensure that river management structures and plantings are well maintained.

Metro Forests

Harvesting has largely been centred on Valley View forest over the last 12 months. Shortly, two of the three crews that operate in the Metro forests will move to Puketiro for the remainder of the current contract which expires on 30 June 2014. This date coincides with the timeframes for the proposed sale of cutting rights. A total of 83,161 tonnes has been harvested over the last year, returning a net stumpage of \$36.85 per tonne.

Harvest Summary – 2012/13

Forest	Metro	Tauanui	Hiwinui	Total	% of GR
Tonnes	83,161	7,798	2,347	93,306	
Gross Revenue	\$7,140,385	\$624,110	\$232,784	\$7,997,279	
Harvest Cost	\$2,609,239	\$254,620	\$76,432	\$2,940,291	36.8%
Cartage Coat	\$1,145,262	\$167,607	\$43,530	\$1,356,399	17.0%
Procurement Cost	\$320,658	\$30,396	\$11,639	\$362,693	4.5%
Net Return (% of GR)	\$3,065,225 (42.9%)	\$167,883 (26.9%)	\$97,757 (42.0%)	\$3,337,896	41.7%
Net Stumpage	\$36.85	\$21.53	41.65	\$35.70	

Note: Tauanui Net Stumpage return is lower due to increased cartage costs and reduced log value.

Sale of Cutting Rights

Council have embarked on a process to put the forest Cutting Rights up for sale for a period of sixty years. The sale is currently being actively market throughout the world and the first stage will close on the 22 August 2013. Subject to tenders, Council will proceed to a second stage where preferred buyers will be asked to do further due diligence and present a confirmed tender in February 2014. Final selection of the preferred tender will be made by Council in March 2014 and the Cutting Right contract will start on 1 July 2014.

Interest in the sale has been very high as the Council's forest estate which covers 5,430 hectares is one of the larger forests to come to the market for some years.

Financial Reports

Land Management Funding Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Rates & Levies	1,644	1,644	-	1,583
Government Grants & Subsidies	141	208	(67)	145
External revenue	773	862	(89)	838
Investment Revenue	10	11	(1)	9
Internal Revenue	87	57	30	137
TOTAL INCOME	2,655	2,782	(127)	2,712
<i>less:</i>				
Personnel	933	920	(13)	847
Materials,Supplies & Services	143	76	(67)	51
Travel & Transport Costs	58	48	(10)	51
Contractor & Consultants	558	744	186	693
Grants and Subsidies Expenditure	-	22	22	25
Internal Charges	597	623	26	672
Total Direct Expenditure	2,289	2,433	144	2,339
Financial Costs	-	-	-	-
Bad Debts	-	-	-	-
Corporate & Department Overheads	270	270	-	338
Depreciation	66	70	4	59
Loss(Gain) on Sale of Assets / Investments	(17)	(20)	(3)	(23)
TOTAL EXPENDITURE	2,608	2,753	145	2,713
OPERATING SURPLUS/(DEFICIT)	47	29	18	(1)
Add Back Depreciation	66	70	(4)	59
Other Non Cash	(17)	(20)	3	(23)
Net Asset Acquisitions and Capital Expenditure	(41)	(44)	3	(51)
Net External Investment Movements	-	-	-	-
Repaid Debt	-	-	-	-
Net Reserves (Increase) / decrease	(19)	(35)	16	(21)
NET FUNDING BEFORE DEBT ADDITIONS	36	-	36	(37)
Internal Debt Additions	-	-	-	-
External Debt Additions	-	-	-	-
NET FUNDING SURPLUS (DEFICIT)	36	-	36	(37)

Land Management Capital Expenditure Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Total Asset Acquisitions	53	64	11	74
Capital Project Expenditure	-	-	-	-
Asset Disposal Cash Proceeds	(11)	(20)	(9)	(23)
Net Capital Expenditure	42	44	2	51

Akura Conservation Centre Funding Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Rates & Levies	-	-	-	-
Government Grants & Subsidies	-	-	-	-
External revenue	338	264	74	199
Investment Revenue	2	1	1	-
Internal Revenue	521	563	(42)	572
TOTAL INCOME	861	828	33	771
/less:				
Personnel	63	90	27	52
Materials,Supplies & Services	565	532	(33)	459
Travel & Transport Costs	13	13	-	8
Contractor & Consultants	173	137	(36)	107
Grants and Subsidies Expenditure	-	-	-	-
Internal Charges	26	-	(26)	5
Total Direct Expenditure	840	772	(68)	631
Financial Costs	1	14	13	4
Bad Debts	-	-	-	-
Corporate & Department Overheads	30	30	-	30
Depreciation	19	19	-	13
Loss(Gain) on Sale of Assets / Investments	-	-	-	-
TOTAL EXPENDITURE	890	835	(55)	678
OPERATING SURPLUS/(DEFICIT)	(29)	(7)	(22)	93
Add Back Depreciation	19	19	-	13
Other Non Cash	-	-	-	-
Net Asset Acquisitions and Capital Expenditure	(226)	(110)	(116)	(5)
Net External Investment Movements	-	-	-	-
Repaid Debt	(5)	(17)	12	(56)
Net Reserves (Increase) / decrease	45	(10)	55	(45)
NET FUNDING BEFORE DEBT ADDITIONS	(196)	(125)	(71)	-
Internal Debt Additions	196	126	70	-
External Debt Additions	-	-	-	-
NET FUNDING SURPLUS (DEFICIT)	-	1	(1)	-
Akura Conservation Centre Capital Expenditure Statement For the year ended 30 June 2013				
Total Asset Acquisitions	226	20	(206)	5
Capital Project Expenditure	-	90	6	-
Asset Disposal Cash Proceeds	-	-	-	-
Net Capital Expenditure	226	110	(200)	5

Akura Conservation Centre Statement of financial position	30 June	30 June	Movement \$000
	2013	2012	
Total Retained Earnings	537	488	49
Asset Revaluation Reserves	28	28	-
Departmental Reserves	-	45	(45)
Movement in Equity	(35)	49	(84)
Total Ratepayer Funds	530	610	(80)
Receivables	7	17	(10)
Accrued Revenue and Prepayments	-	-	-
Stocks	252	273	(21)
Total Current Assets	259	290	(31)
Total Investments	-	45	(45)
Net Fixed Assets	558	352	206
Capital Works In Progress	-	-	-
Total Non Current Assets	558	397	161
Total Assets	817	687	130
Payables and Accrued Expenses	96	77	19
Employee Provisions and Accruals	-	-	-
Current Liabilities	96	77	19
Internal Debt	191	-	(191)
Total Liabilities	287	77	(210)
Net Assets	530	610	(80)

Plantation Forestry

Plantation Forestry Funding Statement For the 12 months ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Harvest Operations				
Harvest and other revenue	7,194	7,930	(736)	5,834
Harvest cost	4,124	4,305	181	3,749
	3,070	3,625	(555)	2,085
Forest Operations				
Personnel	229	276	47	244
Transport	22	30	8	25
Materials,Supplies & Services	160	193	33	256
Silviculture	189	312	123	189
Road maintenance, contractors and consultants	366	446	80	405
Road development and other capex	200	415	215	221
	1,166	1,672	506	1,340
Cash surplus from Operations	1,904	1,953	(49)	745
Other Costs				
Internal Charges	119	101	(18)	109
Overheads	120	120	-	92
Financial Costs	1,105	943	(162)	1,099
Debt Repayment	1,430	1,614	184	1,432
	2,774	2,778	4	2,732
Overall Cash Deficit	(870)	(825)	(45)	(1,987)
Cash Surplus excluding loan repayment	560	789	(229)	(555)
Cash Surplus excluding loan repayment & interest	1,665	1,732	(67)	544

Plantation Forestry Statement of financial position	30 June	30 June	Movement \$000
	2013	2012	
Total Retained Earnings	4,873	5,436	(563)
Asset Revaluation Reserves	5,117	5,117	-
Movement in Equity	(373)	158	(531)
Total Ratepayer Funds	9,617	10,711	(1,094)
Receivables	20	454	(434)
Accrued Revenue and Prepayments	287	175	112
Stocks	-	-	-
Total Current Assets	307	628	(321)
Total Investments	12,162	13,540	(1,378)
Net Fixed Assets	12,466	12,554	(88)
Capital Works In Progress	25	(176)	201
Total Non Current Assets	24,653	25,918	(1,265)
Total Assets	24,960	26,546	(1,586)
Payables and Accrued Expenses	238	178	60
Employee Provisions and Accruals	53	47	6
Current Liabilities	291	225	66
Internal Debt	15,052	15,611	559
Total Liabilities	15,343	15,835	492
Net Assets	9,617	10,711	(1,094)

Reserves Forestry

Reserves Forestry Funding Statement For the 12 months ended 30 June 2013	30 June 2013			Last Year
	Actual \$000	Budget \$000	Variance \$000	YTD Actual \$000
Harvest Operations				
Harvest and other revenue	871	1,074	(203)	987
Harvest cost	600	697	97	767
	271	377	(106)	220
Forest Operations				
Personnel	77	87	10	80
Transport	3	6	3	3
Materials,Supplies & Services	36	31	(5)	30
Silviculture	12	25	13	42
Road maintenance, contractors and consultants	69	116	47	55
Road development and other capex	14	57	43	-
	211	322	111	210
Cash surplus from Operations	60	55	5	10
Other Costs				
Internal Charges	69	81	12	84
Overheads	63	63	-	44
Financial Costs	1,166	1,008	(158)	1,091
Debt Repayment	1,347	1,347	-	3,548
	2,645	2,499	(146)	4,767
Overall Cash Deficit	(2,585)	(2,444)	(141)	(4,757)
Cash Deficit excluding loan repayment	(1,238)	(1,097)	(141)	(1,209)
Cash Deficit excluding loan repayment & interest	(72)	(89)	17	(118)

Reserve Forestry Statement of financial position	30 June	30 June	Movement \$000
	2013	2012	
Total Retained Earnings	(4,915)	(3,246)	(1,669)
Asset Revaluation Reserves	2,822	2,822	-
Departmental Reserves	-	-	-
Movement in Equity	67	57	10
Total Ratepayer Funds	(2,026)	(367)	(1,659)
Receivables	-	35	(35)
Accrued Revenue and Prepayments	98	20	78
Stocks	-	-	-
Total Current Assets	98	55	43
Total Investments	10,314	10,759	(445)
Net Fixed Assets	4,446	4,478	(32)
Capital Works In Progress	180	166	14
Total Non Current Assets	14,940	15,403	(463)
Total Assets	15,038	15,459	(421)
Payables and Accrued Expenses	1	6	(5)
Employee Provisions and Accruals	10	7	3
Current Liabilities	11	12	(1)
Internal Debt	17,053	15,814	(1,239)
Total Liabilities	17,064	15,826	(1,238)
Net Assets	(2,026)	(367)	(1,659)

Financial Variance Analysis

The Land Management operating surplus was \$18K above budget. Both operating revenue and operating expenditure are down against budget.

The Akura Conservation Centre operating surplus was \$22K below budget.

Annual Plan Performance Measures

Performance Measure	Performance Target		Comment
	Baseline (2010/11)	2012/13	
Percentage of erosion-prone land covered by a Farm Plan	72% (2010/11)	76%	76.4% of erosion-prone land is covered by a Farm Plan. Three new Plans were completed in 2012/13
Hectares of erosion-prone land planted	432 hectares per annum (2010/11)	400 hectares per annum	301 hectares of erosion-prone land were planted on Farm Plans, plus an additional 401.6 hectares were planted under the AGS programme

Specific areas of work 2012/13	Comment
Implement the Wellington Regional Erosion Control Initiative (WRECI)	The Wellington Regional Erosion Control Initiative is entering its fifth year. Thirty seven properties have completed works programmes this year and 15 new Plans have been completed this year
Implement annual works programme on erosion-prone land within WRECI, Property and Sustainability Plans	Annual works programmes have been implemented on 158 WRECI, Property and Sustainability Plans
Implement Farm Environment Plans	Ten landowners have had Farm Environments Plans prepared for their properties
Complete annual works programmes for each of the Catchment Control Schemes	Annual works programmes are 100% complete across all six Catchment Control Schemes

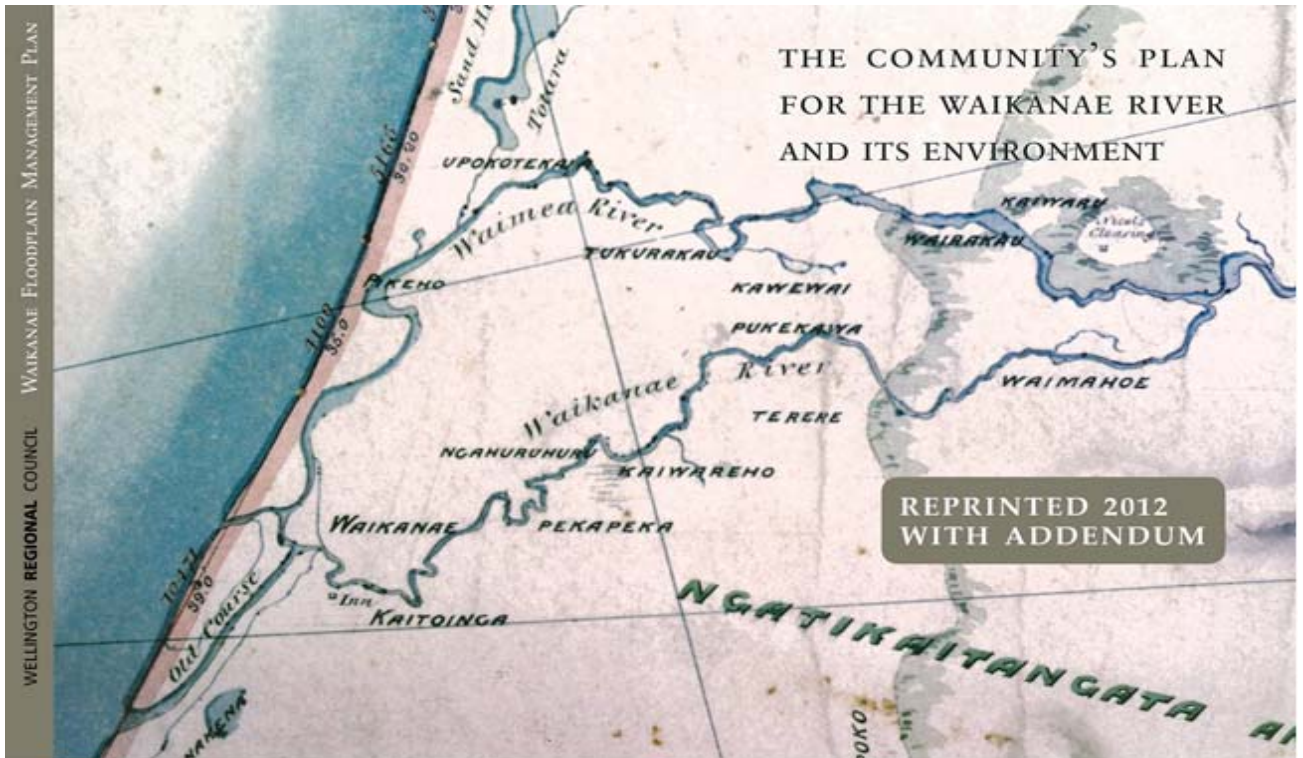
Risk Analysis

The national forestry schemes have recently been reviewed by government including the Hill Country Erosion Programme that funds WRECI. The risk around ongoing funding of this programme will not be known until June 2014. In the interim, Council are seeking a two year extension through to 30 June 2015.

1.4 Flood Protection

Overview

Overall the Flood Protection department has had a successful year. Excellent progress was made on Floodplain Management Plan implementation work, finishing the Boulcott Stopbank one year ahead of programme, while completing all maintenance work to programme and making good progress on all of the investigations work.



Reprinted Waikanae River FMP publication

The Investigations Team had a very large workload in 2012/13. Key projects completed have included: Waikanae CDEM Flood Hazard modelling, Porirua Stream hydraulic model update, Waikanae Sediment Transport Study, Waikanae FMP review and the completion of the climate change study. Good progress was also made on the Upper Wairarapa Floodplain Management Plan and the Waiohine Floodplain Management Plan. Significant input was provided for the Mackays to Peka Peka expressway consenting, the Regional Policy Statement appeal and UHCC's Plan Change 15.



New Boulcott Stopbank through the Boulcott's Farm Heritage Golf Club

The operational works programme has been successfully completed within budget. The absence of any significant flood events has allowed ongoing maintenance and improvements to be completed to flood protection assets. The storm event on 20/21 June 2013 resulted in significant damage in the Wellington area. Many trees were blown over and erosion damage occurred in coastal areas.

Good progress was made on the western operational resource consents project. Applications for the Hutt and Waikanae Rivers have been lodged and accepted and Wainuiomata and Otaki Rivers consent applications are progressing well. Significant progress was also made on improving our Asset Management reporting systems and scoping the improvement and business process project.



Large macrocarpa tree blocking both the Porirua Stream and railway line

Department Activity

INVESTIGATIONS, STRATEGY AND PLANNING			
Category	Actual \$000	FY Budget \$000	Comment
Regulatory and ongoing advice (Opex)	398	453	<p>Waikanae FMP review completed and FMP republished. We are now taking steps to use this as an opportunity to raise awareness of the flood hazard in the community</p> <p>Otaki FMP review commenced with sufficient river management aspects completed to be fed into river management consent renewals</p> <p>Extensive input into Kapiti Expressway submissions and hearings on the RPS and UHCC Plan Change 15 matters related to flood protection</p>
Investigations (Opex)	726	669	<p>Waikanae Sediment Transport Study (important for our river management consent application, including stakeholder consultation) was completed</p> <p>Waikanae River CDEM modelling and flood mapping (largely funded by grant from MCDEM but involving officer time) was completed</p>
Waiohine FMP (Capex)	177	147	Progress investigations to develop a workable, sustainable, secure preferred option
Pinehaven FMP (Capex)	62	50	Progress investigation of the preferred option including consultation with affected land owners. Project completion deferred until 2013/14
Waiwhetu FMP (Capex)	92	100	<p>Narrowed options down to two for further development – next step is to select a preferred option</p> <p>Project completion deferred until 2013/14</p>

Upper Wairarapa FMP (Capex)	340	360	<p>Additional funding of \$260K approved giving a total budget for Phase 1 of \$360K</p> <p>Engagement, hydrology, hydraulic modelling, flood and erosion damages, geomorphology and current flood risk management elements are underway. Recreation/landscape/heritage values, cultural values, planning and land use, and reporting are to take place in the first half of 2013/14</p> <p>Approximately six weeks behind schedule</p>
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IMPLEMENTATION			
Category	Actual \$000	FY Budget \$000	Comment
Boulcott/Hutt stopbank	6,992	4,500	Actual expenditure includes \$608,800 revenue from HCC related to stormwater costs and the Connolly Street NZTA subsidy.
City Centre Design	923	150	Scoping report completed and reported to Committee. Relocation work with Waimarie Croquet Club progressing well and two further properties in Mills Street purchased
Other Flood Improvement works	143	268	The last phase of the Waiwhetu environmental enhancement work was completed. Hutt Environmental Strategy improvements under budget
Hutt Valley Sub Total	8,058	4,918	
Otaki River			
Chrystalls extended stopbank	0	400	Land purchase complete in 2011/12

Lower Waitohu	95	850	Progressing to revised programme
River Works Mouth to SH1/other	19	0	Completed further edge protection works
Otaki River Sub Total	114	1250	
Lower Wairarapa Valley Development Scheme Upgrade and other scheme works	424	441	Stopbank strengthening works completed to programme including Tobin's Stopbank and Pauls Bank among others
Wairarapa Sub Total	424	441	
TOTAL	8,596	6,609	

OPERATIONS, DELIVERY AND PLANNING			
Category	Actual \$000	FY Budget \$000	Comment
Wellington Operations	2,264	2,422	All work programmes have been completed to budget as planned Significant damage occurred during the storm on 21 June. Many trees blew over, blocking watercourses and creating a flood and erosion hazard. Damage also occurred in the vicinity of coastal areas, particularly the Hutt River mouth. Repair works are underway but will take a number of weeks to complete
Recreation Activities			The availability of rock for maintenance work has diminished due to the 21 June storm damage as Ontrack have purchased much of the available supply in the region Recreation events have continued along the river berms and the river trail has had high usage. Track maintenance has continued
Kapiti Operations	1,034	1,102	All programmed works were completed as planned. Financial savings in some work areas, due to no flood events occurring in the area during the year, have been used to offset over expenditure on other flood protection activities Standard operating procedures for drain clearing operations have been changed to include a modified digging bucket and a fish spotter who is responsible for returning remaining fish to the watercourse. This approach has resulted in increased costs for drain cleaning of approximately 25%
Wairarapa Operations	2,329	2,183	Minimal floods with no damage over the year meant the majority of work went into consolidating edge protection works. Summer drought caused some loss of new plantings. Additional expenditure relates to indirect overheads

Drainage Schemes	216	268	<p>Works programme completed as planned. Underspend relates to contingency sums provided for unplanned plant failures and for scheme reserves</p> <p>The Whakawhiriwhiri stream was cleaned during May 2013. This was not originally programmed but undertaken due to delays with the Whakawhiriwhiri improvement project</p> <p>This work resulted in an opportunity to utilise a range of improved environmental practices and develop a code of practice</p> <p>Papatahi pumped drainage scheme committee has given notice that it wishes to self-management the scheme. A contract for this arrangement will need to be prepared and agreed with both parties</p>
Asset Management Project	210	91	<p>An asset management improvement plan has been prepared and is being reviewed by AECOM consultants. A major focus for the year has been developing business processes to enable recording and reporting of asset data. Additional costs have been incurred completing these tasks. The additional expenditure has been offset by reducing work in other operational areas</p>

Resource Consent Project	316	305	<p>Applications for the Hutt and Waikanae Rivers have been lodged and accepted by the Environmental Regulation Department. Applications for the Wainuiomata and Otaki Rivers will be lodged in July and August</p> <p>Discussions have continued with Environmental Regulation staff about the applications and a peer review of the ecological components of the Hutt application has been undertaken by external consultants</p> <p>Work on the Code of Practice and preparing the Environmental Monitoring Programme is continuing</p> <p>A draft set of conditions has been developed for the four applications including the adaptive management approach that is going to be necessary to help achieve a 35 year consent term. Adaptive management in this context means that river management practices will adapt as and when required to suit changing work standards and new work methodologies. The best way to achieve this is via the new Code of Practice</p> <p>The two year short-term resource consent for the Waingawa River was granted in April 2013 and consent for the Hutt River mouth gravel extraction was granted in September 2012</p>
Other Costs	91	234	Activities including isolated works, Health & Safety systems and depot management have been completed
Sub Total Operations	6,460	6,605	

Annual Plan Performance Measures			
Performance Measure	Performance Target		Comment
	Baseline	2012/13	
Number of new flood hazard assessment completed	2 new assessments completed (2011/12 forecast) In total 14 out of 24 rivers and streams have been assessed	0 (The focus has been on floodplan management planning)	Although the focus is on floodplain management plans (FMP) – flood hazard maps have been updated for the Wainuiomata River (completed) and Porirua Stream (draft)
Number of new floodplain management plans developed	1 new plan completed (2011/12 forecast) 5 out of 24 rivers have plans	2	Waiohine River, Waiwhetu and Pinehaven Stream FMPs are currently in Phase 3 'detailed options investigations' We have, therefore, not completed any FMPs this year, but are close to completing two with a third well advanced
Number of requests for flood hazard advice	500 (2010/11)	Increase on previous year	The total number of logged enquiries in 2012/13 was 281. Likely reasons for fewer requests include a reduction in land development activity, greater use of web-based flood hazard information and extensive information being provided during the consultation process on FMPs and FHAs

Performance Measure	Performance Target		Comment
	Baseline	2012/13	
Percentage of flood warning alarms responded to appropriately	100% (2010/11)	100%	Flood warning alarms received to date have been 100% responded to in an appropriate manner
Percentage of floodplain management plan capital works 40-year programme implemented	30% completed (2011/12 forecast)	30% completed	On target
No failures of flood protection schemes below specified design levels	100% (2010/11)	100%	On target; no failures have occurred
All flood protection works are undertaken in accordance with resource consent conditions or relevant plan provision	No significant non-compliance (2010/11)	No significant non-compliance	On target
Number of new public access points to rivers and streams	1 (2011/12 forecast)	1 new public access point	Completed. One new access point on the south bank of the Otaki River developed as part of the Chrystalls land purchase

Specific areas of work 2012/13	Comment
Develop Waiwhetu Floodplain Management Plan	Waiwhetu FMP is currently in Phase 3 of 5 and completion has been deferred to 2013/14. However, work is ongoing to develop and refine the preferred option. Further work was requested by the HVFMSC on house raising options
Prepare Pinehaven Floodplain Management Plan (in conjunction with the Upper Hutt City Council)	Pinehaven FMP completion has been deferred to 2013/14 but consultation with property owners on the preferred option combination and development of the draft FMP has been carried out
Prepare Waiohine Floodplain Management Plan	The programme for Phase 3 has been extended until May 2014 to allow for further development of the Option 7 combination
Prepare Ruamahanga, Waipoua and Waingawa Floodplain Management Plan	Phase 1 (Establish the Context) is underway with an initial focus on technical investigations and community consultation. The project is currently about six weeks behind schedule. Phase 2 will be scoped in mid-late 2013
Complete a scoping study on the impacts of climate change	Completed
Commence obtaining statutory approvals for maintenance of infrastructure assets	Good progress made with projects to support resource consent applications. The application for the Hutt River was lodged in April 2013 and the Waikanae River application was lodged in May 2013
Construct Boulcott-Hutt Stopbank (Hutt River Floodplain Management Plan)	Substantially completed one year ahead of programme. Council approved a revised total project budget of \$12.6 million, an increase of \$1.2 million.
Carry out Waiwhetu Stream environmental enhancement (as required by resource consent)	Environmental enhancement is on track to an amended, approved budget and programme. Erosion repairs have been required which are additional to budget.
Plan for Lower Hutt City Centre stopbank upgrade (Hutt River Floodplain Management Plan)	On target; project scoping completed to programme and under budget
Plan for channel widening on the Hutt River from Melling Bridge to Kennedy Good Bridge (Hutt River Floodplain Management Plan)	On target as above
Continue implementing the environmental strategy on the Hutt, Waikanae and Otaki Rivers	On target
Carry out Lower Waitohu improvement works (Waitohu Stream Management Plan)	2012/13 targets, as originally planned, cannot be achieved because of land access and acquisition issues. Committee approved a revised works programme in July 2013

Financial Reports

Flood Protection Funding Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Rates & Levies	14,397	14,397	-	13,317
Government Grants & Subsidies	1	-	1	-
External revenue	1,085	1,178	(93)	1,112
Investment Revenue	490	452	38	438
Internal Revenue	58	66	(8)	65
TOTAL INCOME	16,031	16,093	(62)	14,932
/less:				
Base Personnel Costs	3,395	3,209	(186)	3,197
Capex Project Resource Cost Credit	(544)	(532)	12	(546)
Materials,Supplies & Services	985	1,135	150	1,073
Travel & Transport Costs	199	149	(50)	171
Contractor & Consultants	2,773	2,828	55	2,178
Grants and Subsidies Expenditure	-	-	-	-
Internal Charges	524	510	(14)	709
Total Direct Expenditure	7,332	7,299	(33)	6,782
Financial Costs	3,463	3,266	(197)	2,998
Bad Debts	-	-	-	-
Corporate & Department Overheads	1,393	1,393	-	895
Depreciation	992	904	(88)	836
Loss(Gain) on Sale of Assets / Investments	(98)	(94)	4	(92)
TOTAL EXPENDITURE	13,082	12,768	(314)	11,419
OPERATING SURPLUS/(DEFICIT)	2,949	3,325	(376)	3,513

Flood Protection Funding Statement For the year ended 30 June 2013	Actual \$000	Budget \$000	Variance \$000	YTD Actual \$000
Add Back Depreciation	992	904	88	836
Other Non Cash	(98)	(94)	(4)	(92)
Net Asset Acquisitions and Capital Expenditure	(9,484)	(7,351)	(2,133)	(7,167)
Net External Investment Movements	(356)	(322)	34	(341)
Repaid Debt	(2,994)	(2,975)	(19)	(3,050)
Net Reserves (Increase) / decrease	(606)	(595)	(11)	(683)
NET FUNDING BEFORE DEBT ADDITIONS	(9,597)	(7,108)	(2,489)	(6,984)
Internal Debt Additions	9,279	7,106	2,173	6,987
External Debt Additions	-	-	-	-
NET FUNDING SURPLUS (DEFICIT)	(318)	(3)	(315)	3

Flood Protection Capital Expenditure Statement For the year ended 30 June 2013	30 June 2013			Last Year YTD Actual \$000
	Actual \$000	Budget \$000	Variance \$000	
Total Asset Acquisitions	310	339	29	262
Capital Project Expenditure	9,279	7,106	(2,173)	6,994
Asset Disposal Cash Proceeds	(104)	(94)	10	(92)
Net Capital Expenditure	9,485	7,351	(2,134)	7,164
Investments Additions	356	322	(34)	341
Net Capital and Investment Expenditure	9,841	7,673	(2,168)	7,505

Flood Protection Reserve Balances	Actual Opening Balance \$000	Actual Transfer to \$000	Actual Interest \$000	Actual Transfers from \$000	Actual Closing Balance \$000
Flood Contingency Reserve - GW	1,271	0	63	0	1,334
River Scheme Reserves - Wairarapa	2,789	263	140	-191	3,001
River Rate Reserves - Western	2,158	261	111	-123	2,407
Drainage Scheme Reserves	211	151	13	-35	340
Shingle Reserve - Wairarapa	98	0	5	-46	57
	6,527	675	332	-395	7,139

Financial Variance Analysis

Net Capital Expenditure for the year was \$2,134K over budget. This was primarily due to bringing forward expenditure on the Boulcott stopbank project to enable work to be completed one year earlier than programmed. The other major area of increased expenditure was \$923K in the City Centre project to provide for the purchase of two properties required for the works. These properties had been budgeted to be purchased in 2016/17, but the owners have agreed to sell now. The out years will be adjusted to keep within the overall capital expenditure budget.

Additional expenditure of \$260K was also approved for the Upper Wairarapa Floodplain Management Plan investigations. These works are essential to support the renewal of the river management consents which need to be lodged in 2015.

The deferral of expenditure and savings on the Kapiti Coast of \$1,136K have helped offset the increased expenditure in other areas.

The Asset Management Maturity review completed last year confirmed there is a need to improve our systems and processes. Additional resources have been applied including consulting support to progress these improvements. To date we have upgraded and restructured the Flood Protection asset database to enable better reporting. Processes for assessing and recording asset condition have been implemented and we are currently developing SAP Plant Maintenance module business processes to capture information about notifications and work activities to enable work planning and reporting in a systematic way.



greater WELLINGTON

REGIONAL COUNCIL

Te Pane Matua Taiao