

Report to the Wellington City Council CCO Performance Committee Third quarter ended March 2012

KEY HIGHLIGHTS

- The late Sir Paul Callaghan presented to a packed and overflowing auditorium at VUW on “the Sanctuary Vision and its importance to New Zealand” on the 13th February 2012.
- We are deeply saddened at the loss of trustee Sir Paul Callaghan.
- Kaka population is now between 200-250 following another successful breeding season with at least 60 juveniles produced.
- We have one of the most successful hihi breeding seasons since release here with 83 fledglings and another single chick due to fledge c 3rd April.
- Populations of native freshwater species in the upper Karori reservoir and the streams flowing into it are making a dramatic comeback, with a record numbers of banded kokopu and koura seen a year after a programme to eliminate introduced brown trout at Zealandia with the support of the Department of Conservation.
- Zealandia education team hosted students from Hato Paora College and Maori TV for the filming of an episode of the 100% reo show Miharo: a curriculum aligned and theme based children’s educational show. The theme for this episode was Taiao - which looks at various kaupapa to do with Conservation. The focus was evaluating stream health.
- Stephen Fry visited the sanctuary with his sister and partner for a 5 hour private “tour” involving a presentation, valley wander, café visit and exhibition viewing. He was enthusiastic and appreciative, tweeting to his 4M Twitter followers: “Incredible day yesterday going round Zealandia. Tuatara, weta, tui, bellbird kaka: what a stunning place. The birdsong!”, linking to our website. Our website visits went from 319 the previous day to 7,659 (and 2,153) on the day of (and day after) the tweet.
- Kiwi were sighted during the third quarter on 94% of Zealandia by Night tours.

VISITORS / MEMBERSHIPS

- Visitors for the quarter at 24,986 were below target of 28,720 but close to last year. The below budget visitor numbers were impacted by the wetter weather. We discontinued our school holiday programme in the quarter as we focused on developing a new Junior Ranger programme to replace the old school holiday programme. This has affected our school children numbers and visitor numbers by about 300.

- The shuttle continues to perform well with an average pick up of 36 pax per day in the quarter.
- During cruise ships days, we have seen a healthy number of FITs utilising our shuttle. We have also put on an extra shuttle running between Cable Car and ZEALANDIA for some of the cruise days to increase our capacity.
- For the summer period (January to March), we have offered 20% discounts off family ZEALANDIA admission to make it easier for families to visit.
- Membership as at the end of the quarter was 11,325 individuals (5,060 units) as compared to 11,330 (5,110) last year. The average number of members per membership and the renewal rate were both up on last year. We have also offered an incentive scheme for joining as members whereby adults, seniors and students who join before 31st March will get a free night tour redeemable from April to June.
- YTD international visitors to March 2012 were 28% above the previous year.

EDUCATION

There have been some alterations to our contract as a LEOTC provider and therefore contract changes to the monitoring and reporting schedule, contract extension to 2014 and change to budget to reflect this. We are talking to Carter Observatory, Marine Education, Tenths Trust, the Zoo and TePapa to assess collaborations opportunities under the new regime. This variation is part of the transition process to the new tendering system for LEOTC which will take effect July 2014.

There is also now a requirement for new achievement objectives to be lodged with Ministry/New Zealand Council for Educational Research (NZCER).

New achievement standards have been released by NZQA that take effect immediately and replace the old Level 2 ones. This requires realignment of the types of programmes we offer and this needs collaboration with teachers from secondary schools.

Plans for a School holiday Ranger programme were completed. The Junior Ranger holiday programmes for children aged 5-12 years will be offered on Tuesdays, Wednesdays and Thursdays in the April, July and October school holidays. The day programmes are filled with fun and educational activities, most of which can only be enjoyed here at Zealandia ie explore the wonders of our exhibition, learn about being a ranger, build your own weta hotel, go treasure hunting and feed eels in our sanctuary valley, play games and have some movie or arts and crafts relax time. Discussions were held with Forest and Bird with a view to allowing their Kids Conservation Club members access to exclusive days on our Ranger programme in the near future.

MEDIA / VIP's

- We attended the March mega famil organised by Convention Bureau PWT.
- We hosted Stephen Fry, his sister and his partner.
- Hosted a number of local, domestic and international media / agents / VIP's during the quarter including:
 - Miharo, Maori TV
 - STA Travel
 - Cox & Kings
 - Bridge the World
 - Gold Medal
 - Thomas Cook France
 - Adventure World Sydney
 - Nomads
 - High Places
 - The Star Malaysia
 - Lonely Planet

- Hearts in Crafts, Whitebait film crew
- India blogger
- Tetu, french Magazine
- Going Down Under, NL
- Telegraph UK
- AB Road korea

ZEALANDIA has 1,785 Facebook fans and 894 Twitter followers. There are 83 members on the ZEALANDIA visitors Flickr group and 2,162 visitor photos posted.

FLORA & FAUNA

Hihi



It has been a good breeding season with 84 chicks fledged. There have been 17 2nd clutch nests and seven 3rd clutches.

Parakeets



Over recent weeks juvenile Kakariki have been seen regularly at the feeders. Several of these are unbanded. This indicates that there must have been several successful natural nests that we did not locate. Attempts are being made to catch unbanded birds. We know of one box with chicks which we recently banded. Behaviour of some Kakariki pairs suggests that breeding is continuing through April.

We have purchased a Camera Trap of our own and this is being used in conjunction with an IR camera in the roof of a nest box to observe behaviour at the nest. We have an Intern from France working on this project. The Intern is also doing a feeding study designed to encourage Kakariki to take other supplementary foods besides the Millet seed. Bread and Wombaroo are being used. We suspect food shortage may have been a contributing factor to poor success of nestlings early in the season.

Kaka



The breeding season is over and juvenile kaka are turning up at the feeders.

Observations have been collated and it looks as though the Wellington population, including the 60 juveniles that fledged from nestboxes, is around 200 now. There are numbers of unbanded birds turning up at our feeders and at addresses outside the sanctuary and some effort will be made to catch and band these, but it is likely that we will reduce this effort in future and focus on banding nestlings from boxes (we can trace their parentage and continue to compare productivity from one year to the next) and recapturing and replacing worn bands and microchipping the older kaka so that as many birds as possible from founders to recent fledglings can be monitored remotely when they use the feeders.

Bellbirds



Breeding is over with a total of 76 fledglings confirmed but there are additional birds of unknown provenance that are being banded to aid monitoring.

We have attached transmitters to female bellbirds with the aim to track their movements. 8 females have been transmittered since February; most are juveniles but also 2 adults. The telemetry study of bellbirds has revealed some interesting data.

Most birds appear to have favourite areas where they roost, most inside the sanctuary which is good because roosting outside is perilous – one was killed possibly by a stoat in the early evening at or near her roost site in Birdwood Reserve outside the safety of the fence. Another still survives despite regularly foraging outside and roosting nearby in a small copse of bush near Campbell St so she is being regularly checked.

Unlike previous years no movements have been detected to Otari-Wiltons Bush or South Karori, hotspots in previous years. Most of these birds forage in or near the sanctuary but 3 have made regular trips towards Brooklyn usually roosting in the sanctuary overnight and then leaving early in the morning to forage in Polhill gully before returning to the valley late morning. One of these has started to roost more frequently just outside the fence ready for a quick foray to Polhill ahead of the others! However, one female has only been found roosting and foraging at the south end of the sanctuary, not overlapping with other transmittered bellbirds or making the trips outside yet.

Takahē



The takahē pair continues to please visitors as they forage in the vicinity of the wetland. A recent inspection from DOC co-ordinator indicated that he was happy with everything

Tuatara



The juvenile tuatara continue to be often seen basking outside their burrows on sunny afternoons; some fighting has been observed and more visual barriers have been put in to reduce the fighting.

BIOSECURITY

Introduced fish

- Populations of native freshwater species in the upper Karori reservoir and the streams flowing into it are making a dramatic comeback, with a record numbers of banded kokopu and koura seen a year after a programme to eliminate introduced brown trout at Zealandia with the support of the Department of Conservation.

Pest Animals

- The first of the annual audits was completed in February with no pest animals other than mice detected.
- A tree fell onto the fence near the Turbine during the storm on 2nd/3rd March. This was removed the next morning. Biosecurity management programme initiated with tracking tunnels installed in 200m radius to check to see if anything has entered overnight. This was then extended to the whole audit line on assumption that invaders capable of travelling good distances.

Plant Pests

Work is continuing on the Round the Lake Dogwood block, and further isolated individuals have been found and controlled. Selaginella remains a focus, with all known sites receiving followup on a 4-6 week cycle as circumstances permit. A number of volunteers have spent time grid searching with the weed team, some of whom have proven adept at species recognition.

RESEARCH

Research being undertaken in the valley currently includes:

Institution	Qualification	Dates	Topics / Actions
Auckland University		Ongoing	Epiphytic planting trials for Northern rata, attached to Hinau, rewarewa & pine in several locations
VUW		31 st Oct 2006 – 31 st Oct 2046	Effect of climate change on herbivory
Waikato University & Cawthron		Ongoing	Effects of perch on cyanobacteria in the lower lake
DOC		Ongoing	Can exotic fish be eradicated successfully? Trials with rotenone undertaken February / March 2011
VUW	Post Doc / FORST	July 2010 – July 2013	Genetics of little spotted kiwi
VUW	PhD	Feb 2011 – Feb 2014	Inbreeding and ecology of little spotted kiwi
VUW	PhD	4 th Mar 2009 – 1 st Mar 2012	Year to year differences in numerical and spatial cognitive abilities in robins
VUW	PhD	9 th Mar 2009 – 9 th Nov 2011	Spatial and temporal aspects of song variation in the forest bird community
VUW	PhD	18 th May 2009 – 18 th May 2012	Acoustic survey of kiwi
Landcare		1 st Jan 2009 – 1 st Apr 2013	Monitoring lizard population changes using artificial covers and radiotelemetry
Otago University	MSc	Sept 2010 – March 2012	Assessing the impact of rotenone on native fish and stream invertebrates
GNS Science		March 2012-April 2013	Development of a paleothermometer using bacterial remains for assessing past climate changes
VUW	PhD	May 2011 – May 2013	Phenological patterns in fruit and frugivores in a NZ forest
Zoological Society, London		May 2011 – May 2014	Inbreeding, genetic drift and genetic management in hihi

FUNCTIONS / CONFERENCES

- We have already booked in 20 weddings for next summer which is twice as much as this time last year. This reflects the reputation we are developing and the increased effort that has gone into making weddings at Zealandia visible on the internet

VOLUNTEERS

- Total volunteer hours for the December qtr was 8,500 hours excluding pro bono services.

MEASUREMENT AGAINST TARGETS IN SOI

High level outcome measures

Measure	Frequency	March Qtr Actual	March Qtr Target	Annual Target 2011/12
Visitation numbers	Quarterly	24,986	28,720	91,865
* Members units	Annually	n/a	n / a	5,400
Individual members				n / a
** Number of school student visits	Quarterly	1,441#	1,850	> 7,068
Total native plant species in the Sanctuary	Annually	annual	annual	182
Total number of species to be planted	Annually	annual	annual	30
Total adventives plant species in the Sanctuary	Annually	annual	annual	212
Number of exotic plant species targeted for control / monitoring	Annually	annual	annual	44
Total native fauna species in the Sanctuary	Annually	annual	annual	44
Number of native fauna species released	Annually	annual	annual	3

Please Note:

* With the new membership structure, the membership unit figure in the target is not directly comparable with the actual figure. The Trust is now reporting individual members rather than units.

** Numbers included in total visitation numbers above.

Lower nos due to the discontinuation of the old school holiday programme

Cost effectiveness measures

Measure	Frequency	March Qtr Actual	March Qtr Target	Annual Target 2011/12
Average subsidy per visit.	Quarterly	\$ 0.40	\$ 0.35	\$ 0.43
Average revenue per visitation (excludes Council & Government grants and interest received).	Quarterly	\$ 28.97	\$ 26.1	\$ 27.41

Organisational health and capability measures

Measure	Frequency	March Qtr Actual	Annual Target 2011/12
Visitors satisfaction factor good to excellent	Quarterly	9.3	> 8.5
Volunteer numbers	Quarterly	> 400	> 400
% of School visits rate their overall satisfaction as being good to excellent	Half yearly	n/a	> 98%
Qualmark accredited	Two yearly	achieved	achieved

Please Note:

ZEALANDIA has moved to an e-based survey system whereby people opt in to receive a survey which is emailed to them after their visit. Overall satisfaction levels are measured on a scale of 1 to 10, as opposed to the previous 5-point scale, allowing more flexibility and accuracy in the results. This change, along with the responses from a wider range of visitors, has meant a re-assessment of acceptable levels of satisfaction has been considered, and indicators are paper-based surveying over-states satisfaction by 7-10%. As such, the KPI has been adjusted from 95% under the old survey methodology to 8.7 to reflect the equivalent result under the new survey methodology, and this level will be monitored by ourselves and our survey providers, get-smart Ltd.

FINANCIALS

Financial Performance

- For the quarter, deficit before depreciation at \$45k was \$102k better than budget. After depreciation deficit at \$278k was \$97k better than budget. The better than budget performance was due primarily to lower expenditure as a result of deferment of expenditure and tight cost control.

Financial Position

- Cash at bank as at the end of March 2012 stood at \$1.3m, \$465k better than budget.

Karori Sanctuary Trust
Statement of Financial Performance
For quarter ended 31st March
2012

	March Qtr Actual \$	March Qtr Budget \$	YTD Actual \$	YTD Budget \$	Full Yr Budget \$
REVENUE					
Trading Income	645,330	691,416	1,745,821	1,808,246	2,171,901
WCC Grant	0	0	40,000	40,000	40,000
Other Income	90,678	69,865	414,246	325,244	395,014
TOTAL REVENUE	736,008	761,280	2,200,067	2,173,490	2,606,915
EXPENDITURE					
Personnel Costs	434,932	486,942	1,347,087	1,476,497	1,951,060
Other Costs	346,130	421,247	1,050,670	1,276,328	1,674,692
TOTAL EXPENDITURE	781,062	908,189	2,397,757	2,752,825	3,625,752
Surplus / (Deficit) before Depn	(45,054)	(146,909)	(197,690)	(579,335)	(1,018,837)
Depreciation	233,642	228,239	695,626	690,735	922,682
Surplus / (Deficit)	(278,696)	(375,148)	(893,316)	(1,270,070)	(1,941,519)

**Karori Sanctuary Trust
Statement of Financial Position
As at 31st March 2012**

	Actual 31/03/12 \$	Budget 31/03/12 \$	Budget 30/06/12 \$
<u>EQUITY</u>			
Accumulated Funds	<u>8,039,725</u>	<u>7,662,971</u>	<u>6,991,522</u>
<u>CURRENT ASSETS</u>			
Cash and Bank	1,326,636	861,164	357,252
Accounts Receivable	53,665	36,766	20,000
Prepayments	72,493	70,000	40,000
Stock on Hand	<u>88,504</u>	<u>88,916</u>	<u>80,000</u>
TOTAL CURRENT ASSETS	1,541,298	1,056,847	497,253
<u>NON CURRENT ASSETS</u>			
Fixed Assets	<u>18,144,901</u>	<u>18,193,882</u>	<u>17,994,635</u>
TOTAL NON CURRENT ASSETS	18,144,901	18,193,882	17,994,635
<u>TOTAL ASSETS</u>	<u>19,686,199</u>	<u>19,250,728</u>	<u>18,491,888</u>
<u>CURRENT LIABILITIES</u>			
Unearned Income	154,233	138,079	150,526
Holiday Pay Accrued	118,929	113,150	113,150
Creditors	176,241	140,999	81,667
GST to Pay / (GST Refund)	17,049	15,507	0
Grants Received in Advance	0	0	0
CTW	<u>108,333</u>	<u>108,333</u>	<u>108,333</u>
TOTAL CURRENT LIABILITIES	574,785	516,068	453,676
<u>TERM LIABILITIES</u>			
Community Trust Loan	725,000	725,000	700,000
Limited Recourse WCC Loan	<u>10,346,689</u>	<u>10,346,689</u>	<u>10,346,689</u>
TOTAL TERM LIABILITIES	11,071,689	11,071,689	11,046,689
<u>TOTAL LIABILITIES</u>	<u>11,646,474</u>	<u>11,587,757</u>	<u>11,500,366</u>
<u>NET ASSETS</u>	<u>8,039,725</u>	<u>7,662,971</u>	<u>6,991,522</u>

Karori Sanctuary Trust
Statement of Cash Flows
For quarter ended 31st March 2012

	March Qtr Actual \$	March Qtr Budget \$	YTD Actual \$	YTD Budget \$	Full Yr Budget \$
Operating Activities					
Operating Surplus / (Deficit)	(42,334)	(143,435)	(196,532)	(574,207)	(1,007,680)
Working Capital Movement	40,350	19,233	(110,254)	(149,990)	(156,701)
Net Cash from Operating Activities	(1,984)	(124,202)	(306,786)	(724,197)	(1,164,381)
Investing Activities					
Purchase of Assets	0	(15,000)	(83,429)	(127,519)	(160,219)
Net Cash from Investing Activities	0	(15,000)	(83,429)	(127,519)	(160,219)
Financing Activities					
Interest Received	11,890	11,136	44,655	40,685	48,990
Interest Expense	(14,610)	(14,610)	(45,813)	(45,813)	(60,147)
Repayment of CTW Loan	(25,000)	(25,000)	(75,000)	(75,000)	(100,000)
Net Cash from Financing Activities	(27,720)	(28,474)	(76,158)	(80,128)	(111,157)
Net Increase / (Decrease) in Cash	(29,705)	(167,676)	(466,373)	(931,844)	(1,435,757)
Net Cash at Beginning	1,356,342	1,028,841	1,793,009	1,793,009	1,793,009
Cash at End of Period	1,326,637	861,165	1,326,636	861,165	357,252