



To: Wellington City Council
From: Wellington Zoo Trust
Date: 30 April 2019

Third Quarter Report 2018/19 Financial Year

Highlights

- The Prime Minister's Chief Science Advisor, Professor Juliet Gerrard, visited Wellington Zoo and toured The Nest Te Kōhanga hospital. Juliet was impressed with the work being undertaken and expressed interest in working together with regard to science, the national plastics campaign and experimental materials for eye surgery.
- The Trust has again attained ZAA Animal Welfare Accreditation. Staff were commended on their thorough approach taken with the accreditation process and the auditor was very impressed with their understanding of the Five Domains of Animal Welfare. In fact she said 'Simon's team showed the most accomplished and accurate application of our welfare program I've been involved with so far.' The results will go to the ZAA Standards and Accreditation Committee before being endorsed at the ZAA Board meeting in May 2019.
- Almost 850 people attended another very successful Valentine's Night, 61 more people than last year. Platter sales reached 169 which significantly exceeded the 128 sold last year. The Zoo Twilight evenings were also more successful than ever with 2,053 visitors over the five Fridays of March. This was almost double the amount of visitors compared to Twilights in 2018.
- Wellington Zoo hosted its 14th annual Neighbours' Night BBQ with just under 1,800 guests. This evening is run with the help of Wellington City Council, Trade Me and Victoria University volunteers along with Paul Eagle's Rongotai electorate office team. A new supporter this year was the Newtown New World management team who not only made a generous donation of food and supplies, they also came along to cook the sausages!
- Wellington Free Ambulance (WFA) has gifted a patient transfer ambulance, valued at \$250,000, to WZT to transfer our animals to TNTK hospital and Pacific Radiology more safely. This ambulance will be fitted out according to the needs of our Animal Care and Wildlife Health Services teams.
- WZT had been working with DOC to assist with leading the monitoring of both the Wellington Green Gecko and the Ngahere Gecko ("At Risk/Declining" status) on Matiu Somes Island. The team visited the island in March and were rewarded with WZT's first sighting of a Ngahere Gecko since the joint partnership formed at the end of 2016, and only the third confirmed sighting since 2012. Photos will be sent to the Matiu Somes rangers who will be able to identify it as one of the three released last year, one of the 33 released between 2003-12, or whether it was born on the island.

Challenges this Quarter

- The Baboon story attracted some negative attention including from animal rights groups SAFE, Speak Up for Animals (which conducted a silent vigil outside the Zoo) and PETA Australia. However, this was balanced by many comments from our community saying they had appreciated the answering of every Facebook question and that they now understood the situation more clearly.
- Martin Clunes story on Zoos in New Zealand not being up to standard also gained some media attention; however, this story did give us a good opportunity to showcase what makes a progressive Zoo.

Visitor Attendance as at 31 March 2019:

	Current YTD 2018/19
Actual	189,005
Target	177,412
Difference	11,593



CONNECT PEOPLE AND ANIMALS

Photo: Carnivore Keeper Anders Muller answering a young visitor's questions about Djane's (lioness) surgical procedure at The Nest Te Kōhanga hospital

- The upgrade to the new Capybara habitat and encounter space was completed with the animals being relocated in late March. The glass viewing area provided a much more engaging space for visitors and allows young visitors an unobstructed view of the habitat and animals. Capybara Close Encounters are scheduled to commence on 22 April with 193 visitors ready to participate as at the end of this quarter.
- A Sustainable Business Seminar was held for secondary school students in March with 141 year 12 students from Hutt Valley High School, Scots College and Wellington College attending. The seminar focused on WZT's role in sustainability and included CE Karen Fifield as keynote speaker; a Q&A panel of WZT's business and sustainability experts; breakout sessions on staff motivation; and our strategy, goals and sustainable business practice.
- Wellington Children's Hospital is to proceed with a free "Zoo Channel" to be funded by San Diego Zoo at no charge for five years. WZT will work with San Diego Zoo to create bespoke Wellington Zoo content which will be broadcast on RV screens in the Wellington Children's Hospital and at the 182 facilities already part of the San Diego Kids' Zoo network across the world.
- New arrivals include a Kiwi, two Eastern Otago Skinks and a Cunningham's Skink. Animals born in the Zoo include Capybara; Nyala; a Derbyan Parakeet; a Himalayan Monal; and a Kākā.
- The new Chimp Park installation is an outstanding success, with both visitors and animals. An increase in Chimpanzee communication via vocalisation has been observed due to the more fission-fusion society¹ the new habitat has created.

¹ Fission-fusion societies occur among many different species of primates: the change in composition, subgroup size, and dispersion of different groups are the three main elements of a fission-fusion society.

- Almost 850 people attended another very successful Valentines Night, 61 more people than last year. Platter sales reached 169 which significantly exceeded the 128 sold last year.
- The Zoo Twilight evenings were also more successful than ever with 2,053 visitors over the five Fridays of March. This was almost double the amount of visitors compared to Twilights in 2018.

Visitor Numbers

	Current YTD2018/19
Actual	189,005
Target	177,412
Difference	11,593

LEOTC Numbers

	Annual Target	YTD 18/19
School Visits (LEOTC)	10,500	9,104

Species Planning

Arrivals			
Species	Gender	Status	Due
Cotton-top Tamarin	1 male	Coming from Singapore Zoo	Arrived February 2019
Kiwi	1 male	Coming from National Aquarium, Napier	Arrived February 2019
Tasmanian Devils	Two	Coming from Tasmania	Due May/June 2019
Cunningham's Skink	One	Coming from a private holder	March 2019
Giraffe	1 male	Coming from Australia Zoo	Due April 2019
Squirrel Monkeys	5 males (for WZT & Auckland Zoo)	Coming from France	April/May 2019

Transfers Out			
Species	Gender	To	When
Agoutis	1 male 1 female	Perth Zoo	Mid 2019
Agoutis	1 male 2 females	Auckland Zoo	Early 2019
Capybara	5 males	Taronga Zoo	May 2019

Native animals brought to The Nest Te Kōhanga in the last year

Native Animal Admission Statistics	2015	2016	2017	2018	2019
January	63	67	76	54	78
February	51	41	52	70	57
March	60	39	33	57	51
April	30	28	22	37	
May	37	33	47	33	
June	34	23	21	38	
July	33	17	20	36	
August	26	15	24	25	
September	25	24	22	30	
October	19	43	28	40	
November	33	41	37	44	
December	67	58	61	48	
	478	429	443	512	186



PEOPLE LOVE AND SUPPORT THE ZOO

Photo: Visitor and Sasa, Neighbours Night 2019

- Wellington Zoo hosted its 14th annual Neighbours' Night BBQ with just under 1,800 guests. This evening is run with the help of Wellington City Council, Trade Me and Victoria University volunteers along with Paul Eagle's Rongotai electorate office team. A new supporter this year was the Newtown New World management team who not only made a generous donation of food and supplies, they also came along to cook the sausages!
- Wellington Free Ambulance (WFA) gifted a patient transfer ambulance to WZT to transfer our animals to TTK hospital and Pacific Radiology more safely. Valued at \$250,000, this ambulance will be fitted out according to the needs of our Animal Care and Wildlife Health Services teams. We are appreciative of WFA's support and, as two of Wellington's iconic organisations, they are also excited to be working with us.
- Each year we welcome 3,000 new students to Victoria University with a complimentary Zoo Pass as part of our partnership with the University. Victoria University students organised group visits with over 300 redemptions made during March.
- During the quarter, Facebook reached 439,774 unique users with 45,247 followers; Twitter 168,000 impressions with 8,530 followers; and Instagram a reach of 99,400 with 7,369 followers. Linked In followers sat at 622.
- The recent terrorist attack in Christchurch has deeply shocked New Zealanders and we have felt keenly for our local Muslim community, many of them visitors on Neighbours' Night. CE Karen Fifield met with the President of the International Muslim Association of New Zealand at the Kilbirnie Mosque to handover 200 free Family Passes for its congregation.
- GWRC agreed to trial a 23z bus service from the Railway Station to Wellington Zoo for six months which commenced on 3 February. GWRC have actively promoted the service to the community and, to date, numbers using this service are above expectations.



Photo: Amy Saunders, Team Leader Carnivores at Free the Bears base, Luang Prabang Wildlife Rescue Centre

- As part of the Conservation Fund Staff Grants programme, our carnivore team leader travelled to the Luang Prabang Wildlife Rescue Centre in Laos to work with our conservation partner, Free the Bears. Amy spent four weeks helping the Luang Prabang team set up SOPs, and provided enrichment and general animal care for the bears, red pandas and primates in their care.
- Improving WZT's waste streams and reducing waste to landfill forms part of WZT's carbonZero Emissions Management Reduction Plan. Our Green Team observed operations at Waste Management Seaview to gain an understanding of how WZT's waste could be better managed. Subsequently, as part of our conservation and sustainability strategy, two staff learning sessions were held - "Waste Not Want Not" and "Love Every Drop" - to show people what they can do to help.
- World Water Day was celebrated on 22 March with our rangers running activities to focus visitors' attention on the importance of water. This year's theme was "Leaving no one behind", an adaptation of the UN Sustainable Development Goal of water for all by 2030.
- WZT had been working with DOC to assist with the monitoring of both the Wellington Green Gecko and the Ngahere Gecko ("At Risk/Declining" status) on Matiu Somes Island. The team visited the island in March and were rewarded with WZT's first sighting of a Ngahere Gecko since the joint partnership formed at the end of 2016. This was only the third confirmed sighting by research groups since 2012. Photos will be sent to the Matiu Somes rangers who will be able to identify it as one of the three released last year, one of the 33 released between 2003-12, or whether it was born on the island.
- At our request, our conservation partner Proyecto Titi named our recently arrived Cotton Top Tamarin male Soto after their senior field biologist Luis Soto who has worked with Proyecto Titi for over 25 years in the field of cotton top tamarin conservation. Introductions to our female tamarin Celeste have been going well and they will be relocated to their shared habitat shortly.

- Our Wildlife Health Services team provided veterinary services to DOC's Kākāpō Recovery Team on Codfish Island (near Stewart Island) where one of the largest Kākāpō breeding seasons on record is being experienced.
- The Trust signed an agreement with Taronga Zoo to work collaboratively with other zoos on managing sustainable retail product supply chains.
- Via its Wellington Zoo Conservation Fund, the Trust made a donation to help with restoration work at Kamfers Dam in Kimberly, South Africa. A lack of water due to low rainfall, high temperatures and failing infrastructure led to adult flamingos abandoning their hatchlings. The Kamfers Dam is one of the most important breeding sites of the lesser flamingo species in Southern Africa.
- We have recently renewed our MOUs with conservation partners Red Panda Network, Cheetah Outreach and the Madagascar Fauna and Flora Group for a further three years.



Photo: Djane's root canal, The Nest Te Kōhanga Hospital

- The Prime Minister's Chief Science Advisor, Professor Juliet Gerrard, visited Wellington Zoo and toured The Nest Te Kōhanga hospital. Juliet was impressed with the work being undertaken and expressed interest in working together with regard to science, the plastics campaign and experimental materials for eye surgery.
- Work has commenced on the development of a new WZT strategy 2019-23 which will integrate United Nations' Sustainable Development Goals² and te ao Māori and tikanga strategic framework.
- WZT's Learning Team met with Victoria University who want to work with us on two research projects:
 - A Child Cognition Lab relating to preschool children; and
 - A two-year project that investigates how education outside the classroom can enhance children's and young people's exploration of, and responses to, significant societal and environmental changes.
- The Trust has again attained ZAA Animal Welfare Accreditation. Staff were commended on their thorough approach taken with the accreditation process and the auditor was very impressed with their understanding of the Five Domains of Animal Welfare. In fact she said 'Simon's team showed the most accomplished and accurate application of our welfare program I've been involved with so far.' The results will go to the ZAA Standards and Accreditation Committee before being endorsed at the ZAA Board meeting in May 2019.
- Management and Animal Care team leaders held a two-day Species Planning Workshop to review WZT's plan for the next 5-20 plus years against a range of key principles.

**Craig Ellison, Board Chair
Wellington Zoo Trust**

² SDGs: Quality Education; Responsible Consumption and Production; Climate Action; Life Below Water; Life on Land; Sustainable Cities and Communities; and Partnerships for the Goals.

Appendix 1 – Wellington Zoo Strategy Framework 2018-19

Measure	Target 2018-19	Tracking YTD 31.03.19	Notes	Comments as at 31 March 2019	
Connect people with animals					
People participating in Animal Close Encounters.	4,000	3,897	🍌	More people participate in Close Encounters during the summer months.	
Number of students participating in LEOTC sessions.	10,500	9,104	🍌		
Measure visitor feedback and satisfaction.	8.5	9.2	🍌	338 visitors surveyed year to date. Result is overall experience rating measured out of ten.	
People love and support the Zoo					
Increase total visitation.	244,420	189,005	🍌	8,638 ahead of last year and 11,593 ahead of target.	
Percentage of operating costs generated by the Trust.	56%	60%	🍌	Annual Target	
Ratio of Trust generated income as percentage of WCC grant.	127%	141%	🍌	Annual Target	
Average income per visitor from Trust generated revenue.	\$17.21	\$18.57	🍌	Annual Target	
Average WCC subsidy per visitor.	\$13.58	\$13.17	🍌	Annual Target	
WCC full subsidy per visitor.	\$21.73	Annual Measure	👉	This KPI is generated by WCC and is not controlled by the Trust. It includes depreciation and shared services costs, CCO team costs, insurance, CAPEX interest and the OPEX grant.	
Volunteer engagement survey.	1	Annual measure	👉		
Save animals in the wild					
Number of vulnerable, endangered or critically endangered species (IUCN Red List and DOC National list) in the Zoo's collection.	27	28	🍌		
Percentage of native patients successful released to the wild after treatment in The Nest Te Kōhanga (TNTK).	70%	64.5%	🚫	% of animals successfully treated after being admitted into TNTK post 72 hour triage period.	
Number of Field Conservation Projects supported for threatened (NZ) endangered or critically endangered (global) species.	8	13	🍌	1. Kea Conservation Trust. 2. Madagascar Fauna and Flora Group Black and white Ruffed Lemurs. 3. Proyecto Titi, Cotton Top Tamarins. 4. Associação Mico-Leão-Dourado, Golden Lion Tamarins. 5. Wildcats Conservation Alliance (Sumatran Tigers). 6. Save the Tasmanian Devils Programme. 7. FFI Vietnam White Cheeked Gibbons. 8. Red Panda Network. 9. Jane Goodall Institute (Chimpanzees) 10. West Coast Penguin Trust. 11. Free the Bears. 12. TRAFFIC South East Asia. 13. Wild Welfare	
% of OPEX directly contributed to field conservation.	5%	Annual measure	👉	This measure uses the Zoo Aquarium Association (ZAA) Australasia Framework to measure direct contributions to field conservation.	
Participate in zoo-based research projects and paper publication.	10	10	🍌	1. Lead toxicity in Tui with Massey Wildbase. 2. Honey Bee Pathogens with Victoria University, Wellington. 3. Major Histocompatibility Complex (MHC) detection in Cheetah if this is a contributing factor in mate choice for this species with Nick Cave, Massey University. 4. Feline gastrointestinal flora – of importance to our cats as we are having some digestive related problems with our Cheetah at present with Nick Cave from Massey. 5. Zoo animal anaesthesia study: Nigel Dougherty is one of our current residents in avian, wildlife and zoo animal health at Wellington Zoo and Massey University. 6. Logistics and medical aspects of translocating ngahere geckos (<i>Hoplodactylus</i> sp.) from a proposed mine expansion site to an off-shore island – with Eco Gecko consultants and DOC. 7. Pathogens of yellow eyed penguins – Masters' thesis of Emily Kay, with Massey Wildbase. 8. Causes of adult mortality in two populations of NZ sea lions (<i>Phocarcos hookeri</i>) – Baukje Lenting preparing chapters from her thesis for publication. 9. Kiwi faecal toxicology – contributing samples to an ESR project. 10. <i>Mycobacterium pinnipedii</i> tuberculosis in marine mammals in NZ - Baukje Lenting preparing chapters from her thesis for publication.	
Lead the way					
Maintain Zoo and Aquarium Association Animal Welfare Accreditation.	Achieved	Achieved	🍌	Accreditation visit successfully completed in February 2019 (formally adopted by ZAA Board at its May meeting).	
Maintain carboNZero certification.	Achieved	Achieved	🍌		
Health & Safety targets	Safety Improvement Team meeting attendance.	70%	91%	🍌	Attendance based on available SIT members. Four meetings held to date in 2018/19.
	Successful Emergency drill/incident debriefs held.	8	7	🍌	Code Yellow staff workshop, Emergency Response Team workshop, Code Purple drill, Shake-Out and associated Code Green and Code Red drill held to date in 2018/19.
People & Culture targets	Staff Recognition programme.	1	1	🍌	Gold Agouti Awards were held in August 2018
	Staff Learning and Development Sessions held.	10	8	🍌	

Appendix 2 – Financial Statements

CCO: Wellington Zoo Trust		\$NZ000's	
Quarter Three 2018/19			
Actual 30-Jun-18	EARNINGS STATEMENT	Actual 31-Mar-19	Budget 31-Mar-19
	Revenue		
3718	Trading Income	3109	2907
3240	WCC Grants	2490	2490
83	Other Grants	63	63
184	Sponsorships and Donations-Operational	211	169
243	Sponsorships and Donations-Capital	19	0
61	Investment Income	36	23
265	Other Income	90	95
7,794	Total Revenue	6,018	5,746
	Expenditure		
4,796	Employee Costs	3,986	3956
2,455	Other Operating Expenses	1,858	1682
11	Depreciation	6	7
	Interest		
172	Vested Assets		
7,434	Total Expenditure	5,850	5,645
360	Net Surplus/(Deficit) before Taxation	168	101
0	Taxation Expense		
(9)	Operating Surplus (Deficit)	149	101
360	Net Surplus/(Deficit)	168	101
-0.1%	Operating Margin	2.5%	1.8%

Actual 30-Jun-18	STATEMENT OF FINANCIAL POSITION	Actual 31-Mar-19	Budget 31-Mar-19
	Shareholder/Trust Funds		
0	Share Capital/Settled Funds	0	0
0	Revaluation Reserves	0	0
1,698	Restricted Funds	1,689	1854
352	Retained Earnings	520	443
2,050	Total Shareholder/Trust Funds	2,209	2,297
	Current Assets		
3,668	Cash and Bank	4,504	3791
523	Accounts Receivable	358	30
78	Other Current Assets	147	100
4,269	Total Current Assets	5,009	3,921
	Investments		
0	Deposits on Call	0	0
0	Other Investments	0	0
0	Total Investments	0	0
	Non-Current Assets		
13	Fixed Assets	7	4
0	Other Non-current Assets	0	0
13	Total Non-current Assets	7	4
4,282	Total Assets	5,016	3,925
	Current Liabilities		
760	Accounts Payable and Accruals	682	401
	Provisions		0
1,472	Other Current Liabilities	2,125	1227
2,232	Total Current Liabilities	2,807	1,628
	Non-Current Liabilities		
0	Loans - WCC	0	0
0	Loans - Other	0	0
0	Other Non-Current Liabilities	0	0
0	Total Non-Current Liabilities	0	0
2,050	Net Assets	2,209	2,297
1.9	Current Ratio	1.8	2.4
47.9%	Equity Ratio	44.0%	58.5%

Actual 30-Jun-18	STATEMENT OF CASH FLOWS	Actual Mar-19	Budget Mar-19
	<i>Cash provided from:</i>		
3718	Trading Receipts	3,109	2,907
3240	WCC Grants	2490	3,283
83	Other Grants	63	63
427	Sponsorships and Donations	230	169
61	Investment Income	36	23
2545	Other Income	3,896	95
10074		9,824	6,539
	<i>Cash applied to:</i>		
4,796	Payments to Employees	3,819	3,956
3,344	Payments to Suppliers	5,169	1,682
	Net GST Cashflow		
172	Other Operating Costs (VESTING)		
	Interest Paid	0	0
8312		8,988	5,638
1762	Total Operating Cash Flow	836	901
	Investing Cash Flow		
	<i>Cash provided from:</i>		
0	Sale of Fixed Assets		0
	Other		
0		0	0
	<i>Cash applied to:</i>		
	Purchase of Fixed Assets		0
	Other -vesting Cash for Capital Projects	0	0
0		0	0
0	Total Investing Cash Flow	0	0

Actual 30-Jun-18	STATEMENT OF CASH FLOWS (CONT)	Actual 31-Mar-19	Budget 31-Mar-19
	Financing Cash Flow		
	<i>Cash provided from:</i>		
	Drawdown of Loans		
	Other		
0		0	0
	<i>Cash applied to:</i>		
	Repayment of Loans		
	Other		
0		0	0
0	Total Financing Cash Flow	0	0
1,762	Net Increase/(Decrease) in Cash Held	836	901
1,906	Opening Cash Equivalents	3,668	2,890
3,668	Closing Cash Equivalents	4,504	3,791

30-Jun-18	CASH FLOW RECONCILIATION	Actual 31-Mar-19	Budget 31-Mar-19
360	Operating Surplus/(Deficit) for the Year	168	101
	Add Non Cash Items		
11	Depreciation	6	7
	Other (movement restricted funds)	-9	
371		165	108
	Movements in Working Capital		
1,398	(Increase)/Decrease in Receivables	165	0
(2)	(Increase)/Decrease in Other Current Assets	(69)	30
(898)	Increase/(Decrease) in Accounts Payable	(78)	1
893	Increase/(Decrease) in Other Current Liabilities	653	762
1,391		671	793
	Net Gain/(Loss) on Sale:		
0	Fixed Assets	0	0
	Investments	0	0
0		0	0
1,762	Net Cash Flow from Operations	836	901