



## ANNUAL REPORT

---

CAYMAN TURTLE CONSERVATION AND EDUCATION CENTRE Ltd  
for the 18-month period ended 31<sup>st</sup> December 2017

---



## TABLE OF CONTENTS

---

TABLE OF CONTENTS.....	2
FOREWORD FROM MANAGING DIRECTOR.....	5
ACTIVITIES DURING July 2016 - December 2017 .....	11
• Nature and Scope of Activities.....	11
• Customers and Location of Activities .....	12
• Activity: Conservation, Education and Research .....	13
• Activity: Tourist Attraction.....	13
○ Turtle Centre Exploration Tour (turtle exhibits) .....	14
○ Turtle Adventure Tour (Entire Park).....	15
○ Sales Channels for Tours .....	17
• Activity: Sea Turtle Captive Breeding and Turtle Meat Production .....	20
○ Product lines.....	20
• Activity: Landlord .....	20
○ Huge Strides in Conservation .....	20
SENIOR MANAGEMENT TEAM.....	21
SUMMARY of ACHIEVEMENT of Ownership Performance TARGETS .....	23
• Financial Performance .....	24
• Analysis of how the Equity Injection was Utilized .....	26
Summary Results of Key OWNERSHIP AGREEMENT STRATEGIC GOALS & OBJECTIVES .....	26
AUDITED FINANCIAL STATEMENTS.....	35
• Breakdown of Revenue Sources .....	35
• Breakdown of Expenses.....	36
○ Equity Injections.....	36
○ Capital Withdrawals .....	37
○ Dividends or Profit Distributions.....	37
○ Loans and Notes.....	37
○ Guarantees .....	37
RISK MANAGEMENT.....	37
• Key Risks and Risks Mitigation .....	37
ACTUAL LOSSES/DAMAGES, Write-offs, and related Payouts.....	44
FINANCIAL PERFORMANCE and ANALYSIS .....	44
FORWARD-LOOKING .....	44

APPENDICES .....	44
APPENDIX 1. Audited Financial Statements of the Company .....	44

*Note:*

“APPENDIX 1. Audited Financial Statements of the Company” is attached as a separate PDF bearing the signatures of the auditors.







## **FOREWORD FROM MANAGING DIRECTOR**



*Tim Adam, Managing Director*

This report summarises the performance of **Cayman Turtle Conservation and Education Centre Ltd.**, a Cayman Islands Government Company (hereinafter referred to as “the Company” or “CTCEC”), for the 18-month fiscal period ended 31<sup>st</sup> December 2017.

Cayman Turtle Conservation and Education Centre Ltd. is the official registered name of a Government Company that is 100% owned by the Governor in Cabinet of the Cayman Islands. For the period under review it traded under the brand-names:

- **Cayman Turtle Centre: Island Wildlife Encounter** (CTC), the brand used for our visitor attraction, conservation, research, and education activities;
- **Cayman Turtle Products** (CTP), the brand used for our subsidised turtle meat production, distribution and sale activities.



The Company’s current Articles of Association were adopted by Special Resolution dated 23<sup>rd</sup> August 2005, amended to reflect the change of company name (from *Cayman Turtle Farm (1983) Ltd.*) that had been approved by a Special Resolution dated 16<sup>th</sup> March 2017 of the Sole Member of the Company (Governor in Cabinet of the Cayman Islands).

The Company’s current Memorandum of Association was also adopted by a Special Resolution dated 16<sup>th</sup> March 2017 of the Sole Member of the Company (Governor in Cabinet of the Cayman Islands). The amended wording of the Memorandum focuses heavily on its first two statements of purpose:

*“(a) To carry on any or all of the businesses of ... breeding, hatching, raising and/or utilizing sea turtles, eggs, and derivatives of all descriptions as needed, **including but not limited to ... translocations and releases**, import and export, or other such actions as are*

*necessary or desirable to fulfil national and international policy objectives in sea turtle conservation, education ... and research, to benefit the genera and in turn yield benefit to existing and future generations of mankind.*

*Conservation and research policy objectives include ... the production and distribution of green sea turtle meat for human consumption with the **primary goals** of reducing the loss of free-ranging sea turtles to meet local and traditional demand as well as the use of secretion, excretion, fluids and tissues collected at harvest for educational and research purposes.*

*(b) To carry on the business of ... providing various products and services to visitors and residents, **conservation, education and research** ...”*

That focus is reflected in the Company’s name **Cayman Turtle Conservation and Education Centre Ltd.** which was also adopted by a Special Resolution dated 16<sup>th</sup> March 2017 of the Sole Member of the Company (Governor in Cabinet of the Cayman Islands). The Company’s previous name was Cayman Turtle Farm (1983) Ltd.

This Company is presently comprised of several major functions:

- **Conservation, education and research:** The Company operates the first and oldest closed-cycle sea turtle breeding facility in the world. As a result, the Company is recognised as an international expert in captive breeding of turtles and as a globally known innovator in sea turtle conservation, research, and husbandry across the species’ full range of stages and ages. The Company has unparalleled experience and proven ability to breed sea turtles in captivity, incubate the captive-bred eggs indoors, and raise the captive-bred sea turtle offspring in captivity all the way up to full adulthood as a captive-bred breeding adult and thus complete the life cycle of these long-lived species. The Company also replenishes the wild population using its captive-bred sea turtles, in programs such as:
  - Translocation Nest Sites
  - Night-Time Hatchling Releases
  - Head-Start Public Releases
  - Head-Start Private Releases



The educational **nest translocation program** was initiated in June 2016 and has continued to gain in popularity and has attracted a loyal following both locally and overseas. This program translocates<sup>1</sup> a portion of the eggs of a captive-bred nest, at one of two feasible date ranges in its incubation period, into a nest on one of our nation’s suitable nesting beaches in the wild. Paid Nest Watchers keep night-time vigil over the nests to ensure safety of the eggs throughout the final days of their hatching and climb up through and out of the sand on the beach. When hatchlings emerge from their nests, local followers are notified via a social

---

<sup>1</sup> In conservation and biology, *translocation* refers to “The transport and release of plant, animal or habitat from one location to another.”

media group and can attend the beach site to view first-hand the hatchlings' emergence out of the sand, down the beach and into the sea. Overseas followers can watch these events via a live commentary, with real-time updates through one of our social media channels.



**Hatchling beach releases** take place within a couple of days of the baby turtle emerging from its egg in our hatchery. These releases are scheduled in the evening under the protective cover of darkness of the night, so the hatchlings are able to seek remoteness from concentrated populations of near-shore predators as they head for floating cover in the deep sea before the dawn comes.

---

*Hatchling Beach Releases: Tiny, oreo sized hatchlings find their way from the white sandy beach of the seven-mile beach shoreline into the crystal clear waters of the Caribbean Sea in the Cayman Islands.*

---







The other popular program for our releases that is well known is the **Head-Start** releases of the juvenile sea turtles aged one year or more, into the sea from beaches around our islands. CTC also offers this to guests as a privately sponsored turtle release opportunity to share with their family, friends or colleagues, to mark a special occasion or as a corporate team building event.



In addition to CTC's conservation efforts our scientists and veterinarians work tirelessly on **research projects** that are often collaborative with institutions in various parts of the world, with non-invasive field study elements that are only able to be done right here in the Cayman Islands at CTC because of the convenient, constant and safe accessibility to turtles of the full age range from egg to post-breeding adult. The unique opportunities and setting at CTC provide a research haven for many scientists to tap into for exploration into many fields beyond turtle species. To date, our scientists and veterinarians have participated in projects that have produced over 100 peer-reviewed published or presented research papers.

---

*Head-Started Releases: A Head-Started turtle raised fully at CTCEC is released. These turtles are from clutches laid on our breeding beach located in the Centre and hatched in our hatchery. They are then raised under the care of our two full-time veterinarians for at least one full year prior to their release. To ensure the health and safety of this program, each turtle undergoes testing and quarantine protocols prior to their release.*

---

CTC **educates** over two thousand students per year on sea turtles and other wildlife and conservation themes, in addition to its wildlife and conservation education impacts of guide talks, on-site educational talks to student groups ranging in age from pre-school to university level, off-site educational talks in the islands' schools, interpretive signage and literature, and an educational video that is displayed during tourist visits.

- **Tourist attraction:** The Company's conservation and education missions have the opportunity for very broad reach and impact because the Company's site is the most-visited single land-based attraction in the Cayman Islands. With over a quarter million visitors each year, it remains consistently popular with tourists arriving both by air and by cruise. This aspect of the Company's business, comprising shore excursions, tours, admissions, food & beverage and retail merchandise sales, provides some 89.4% of the Company's revenues, and is therefore the primary source of funding the Company's conservation, research and education activities. It is also a very important component of the socioeconomic fabric of the Cayman Islands: business activities and employment related to this tourist attraction are estimated to have a combined economic impact translated into full-time equivalents (FTE's) that ranges up to the equivalent of 203 to 603 FTE.

- Sea turtle meat production: The Company's turtle husbandry operations and unique expertise provides a reliable source of high-quality turtle meat products, sold at affordable prices, to satisfy the continuing strong local culinary traditions especially among indigenous Caymanians. This availability of farmed meat has been a major contributing factor to keeping sea turtles in the wild around the Cayman Islands because of its ongoing daily positive impact in greatly reducing incentives to poach turtles from the wild.
- Landlord: The Company is the landlord to a dolphinarium which is another major tourist attraction on the island.

As an employer the Company has been particularly exemplary in its success in hiring and developing local people. Of an authorized headcount of 101 Full-Time Equivalents (FTE's) filled by 101 Crew Members (including a few Part-Time), as at the financial year-end 31<sup>st</sup> December 2017 there were only four (i.e. less than 5%) employees on Work Permits.

Highlighting the high ratings of the guest experience that the Company provides; CTC was awarded the *TripAdvisor Certificate of Excellence 2016* (this had also been awarded in 2015). CTC's tour packages receive high ratings on cruise line shore excursion webpages. The Company has received accolades for its involvement and support from various local civic organisations such as the Cayman Islands Chamber of Commerce, the Cayman Islands Tourism Association, and Meals on Wheels to name a few.

Several CTCEC staff were nominated for the annual Cayman Islands Tourism Association (CITA) *Stingray Awards*. In 2016 our Chief Cook Ms. Angela Scott was nominated in the Long Service Award category. In 2017, our Curator – Terrestrial Exhibits and Education Programmes Mr. Geddes Hislop won the Allied/Attraction/Transportation Manager of the Year Award category, and our Acting Chief Marketing Officer Ms. India Narcisse-Elliott won the Rising Star in Tourism Award.

The Company remains an active member of the Cayman Islands Chamber of Commerce and of CITA. The Company is also a very active Platinum Associate Member of the Florida-Caribbean Cruise Association (FCCA).

Company staff members are also encouraged to participate in charitable, cultural and other civic-minded initiatives, and the Company itself supports some such causes directly. During the period under review several of its staff members have been personally involved as volunteers in Meals on Wheels fundraising and weekly meal deliveries, in the work of the Rotary Club of Grand Cayman, and the Rotary Central Science Fair. The Company's veterinarian on an *ad-hoc* voluntary basis has assisted the Department of Environment with marine life rescues, and the Company's Curator – Terrestrial and Education has assisted the Department of Environment with advice and information on various aspects of wildlife primarily related to birds as well as other terrestrial animals.

The Company is a participant in the annual Earth Day Clean-Up event hosted by the Cayman Islands Chamber of Commerce. CTCEC supported this event through volunteering and



sponsorship. CTCEC continues to support the community through “in kind” donations to various charitable causes, with free admission prize vouchers, rather than cash.

## **ACTIVITIES DURING July 2016 - December 2017**

- **Nature and Scope of Activities**

The major portion of the Company’s revenues is derived from the tourist attraction components of the business, as the site remains the most-visited land-based tourist attraction on the island. Over 76% of the Company’s admissions (“Tours”) revenues are derived from cruise passengers, who comprise over 63% of the guests visiting the facility. For several of the cruise lines that come to Cayman, anecdotally more than one-third of all Grand Cayman shore excursions they sell to their passengers feature the Cayman Turtle Centre as a prime stop on the excursion.

Despite its popularity however, the revenues of the expanded facility have not ever come up to the expectations of what was originally projected<sup>2</sup> in the planning stages of the project, to some extent due to factors such as lack of a cruise terminal in the West Bay area, and further exacerbated by the ongoing lack of cruise berthing anywhere in the island. In addition, the Company’s turtle meat production is sold at a considerable loss, because maintaining the subsidised pricing structure is part of the conservation imperative to minimise the risk of poaching occurring and thereby keeping wild turtles in the wild. As a result, the Company remains dependent on subsidies in the form of Equity Injections from the Government of the Cayman Islands to assist in meeting its debt obligations<sup>3</sup> and running costs. These Equity Injections form part of the Government’s approved Budgets and are included in the Company’s Ownership Agreement with the Government.

At the start of the year the Company had three remaining long-term debt obligations. The loan from Cayman National Bank taken in 2006 was paid off during 2017 on schedule. In addition, with the assistance of an additional Equity Injection the balance of a loan from CIBC taken in 2009 was paid off ahead of schedule during 2017. Payments on the bond issued in 2004 through placement agent William Blair are on time and on track for completion of the final scheduled payment on 1<sup>st</sup> March 2019. As at 31<sup>st</sup> December 2017 that is the Company’s only remaining long-term debt obligation.

The green sea turtle captive breeding activities continue, involving the husbandry of turtles both for conservation and display purposes, and for turtle meat production purposes, without requiring collection of any eggs, hatchlings or turtles of this species from the wild. The Government-mandated turtle meat production and sale to the resident population is a deliberate, price-subsidised yet often misunderstood program which conservation authorities acknowledge probably is the program that has the highest direct numerical impact on maintaining the Cayman Islands’ marine turtle population in the wild. **The Company remains the only such enterprise anywhere in the world to have achieved the second generation and**

---

<sup>2</sup> One very significant assumption of the projections was that cruise berthing was going to be built in George Town, and a cruise pier in West Bay, neither of which have so far materialized.

<sup>3</sup> As at 31<sup>st</sup> December 2017,

**beyond of sea turtles bred, laid, hatched and raised entirely in captivity.** The research activities also continue, with over 100 scientific papers having been published or presented over the years from 1971 shortly after the inception of our predecessor Mariculture Ltd.

- **Customers and Location of Activities**

The tourist attraction services of the Company are mainly provided to tourists, as well as residents and “visiting friends and relatives” (“VFR”), and schools. All services are provided in Grand Cayman. The Company organizes and offers public and private Head Started turtle releases.

The Company’s operations are based in North West Point, West Bay, on some 23 acres of land. The address of the main centre of operations is: 786 North West Point Road, West Bay.

During this fiscal period the sales outlet for Cayman Turtle Products (“CTP”) was co-located with the Company’s seaside pumping station across the street from the main site on North West Point Road, West Bay.

In addition, CTC operates a retail souvenir and gift shop in combination with its shore excursion dispatch functions, in a rented kiosk at the Royal Watler Cruise Terminal in George Town.

Cayman Turtle Conservation and Education Centre Ltd. is therefore a multi-function Government Company comprising four main types of activities.

Under the Cayman Turtle Centre (“the Centre” / CTC) brand it operates:

- a conservation, education, and research facility for sea turtles.
- a land-based tourism attraction, with over a quarter of a million visitors per year, which also has food & beverage and merchandise sales operations.

Under the Cayman Turtle Products brand, it operates:

- a commercial green sea turtle captive breeding, turtle meat harvesting and subsidised turtle meat sales facility.

The Company also functions as:

- a landlord: to a dolphinarium, Dolphin Discovery (Cayman) Ltd.



- **Activity: Conservation, Education and Research**



Our sea turtles at the Centre range in size from 6 ounces to over 500 pounds, apportioned among specifically designated tanks. Visitors can observe turtles in various stages of growth and development. In its collection the Company also exhibits indigenous and regional birds, fish, sharks, a crocodile, butterflies; the National Bird (the Cayman Parrot – of which we have both subspecies, the Grand Cayman Parrot and the Cayman Brac Parrot); the National Tree (Silver Thatch); the National Flower (Wild Banana Orchid); and several other types of flora and fauna.

In addition to the Company's many decades of successfully breeding sea turtles in captivity some of which are released into the wild, it also operates captive breeding of species of birds including the Grand Cayman Parrot, the Cayman Brac Parrot, and the White-Crowned Pigeon (locally known as the "Bald Pate").

Guided tours, informational signage and park maps, and an informational video educate visitors on the life cycle of sea turtles and various related conservation topics. In addition, CTC hosts over two thousand students per year on various programs within our set curriculum, educating them about sea turtles and other conservation topics, while giving them the opportunity to interact in person with turtles and other wildlife.

The conservation of sea turtles has been the overarching objective from the initial creation of the Company's predecessors in 1968, and **turtle conservation remains the central focus and primary purpose at the heart of the Company's mission. The Company's other functions are vital means of supporting the aims and outcomes of that central objective and are best understood in that context.**



*CTCEC's Caribbean Aviary allows guests to get up-close and personal with birds. Individuals who wish to experience hand-feeding the birds have the opportunity to do so.*

- **Activity: Tourist Attraction**

Another key national role that the Company plays is providing a world-class tourist attraction. Cayman Turtle Centre: Island Wildlife Encounter remains the country's most-visited land-based attraction site. By far the greatest portion of the Company's revenues comes from its "tourist attraction" lines of business:

- Admissions: 57.5%
  - Food & Beverage: 11.1%
  - Retail (Gift Shop): 20.8%
- for a combined total of 89.4% of our revenue.

During the 18-month financial period ending 31<sup>st</sup> December 2017, total visitors to the attraction numbered 392,540. For comparison purposes using the calendar years 2016 and 2017, there was a 10.8% decline in total visitors to the attraction in 2017 (266,408) vs 2016 (298,657). A major contributing factor is further discussed on p.27.

As a tourist attraction, throughout 2017 Cayman Turtle Centre offered two different types of admissions:

- Turtle Centre Exploration Tour
- Turtle Adventure Tour

Each of these is described below.

○ **Turtle Centre Exploration Tour (turtle exhibits)**

The “Turtle Centre Exploration Tour (turtle exhibits only)” admission gives visitors access to the following features and exhibits:

- **The Green’s Breeding Pond** - The Breeding Pond is home to our green sea turtles which have matured and are at the age to start reproducing, which is usually at about 16 years of age or occasionally younger. Green Sea turtles are the second largest of all the sea turtle species and here guests will find a few weighing in at more than 500 pounds.
- **Turtle Touch Tanks** - Here guests will find yearling turtles swimming and playing. This zone **includes the Turtle Touch Wading Pool** where guests are allowed into the shallow pool where the young turtles are swimming. The interactive exhibit pools in this zone are supervised by a Lifeguard and/or a Security Guard, and under supervised instructions guests can touch a juvenile turtle and take a photo or video while touching them.
- **Smiley’s (crocodile) Saltwater Cove** – “Smiley” is a 10-foot hybrid (saltwater + freshwater) crocodile of the same species that in the mid to late 1500’s gave our country the transliterated name “Caimanes”.<sup>4</sup> “Smiley” has been trained to jump and put on a show during enrichment exercises and health observations at her feeding times.
- **Education Centre & Hatchery** – Guests visiting the Education Centre can learn more about the turtles, in a short continuous-loop video playing in a mini theatre, in various static displays, and in various literature in a library in the public access area. Guests can also view our turtle Hatchery where during breeding season (May – October) guests can witness new hatchlings making their way up through the sand of our incubation display boxes specially designed and purpose-built to enable our scientific team to monitor selected clutches of eggs



---

*CTC’s Touch tank experience is a guest favourite . The guests and the turtles are both big fans of the experience. Turtles have the opportunity to swim out of the touch tanks often swim back in for the “back scratching” feel of the gentle touch of the guests.*

---

---

<sup>4</sup> Transliterated from the Taino language word meaning “crocodile”, and pluralized by early Spanish explorers and cartographers.



as they incubate, hatch, and make their way up through the sand column to the surface as they would do at the normal depth of a green sea turtle nest in the wild.<sup>5</sup>

- **Schooner's Bar and Grill** - an open-air bar and grill where diners can relax on a covered screened deck overlooking Turtle Lagoon. The menu boasts a selected range of Caribbean and international items to tease and please every palate. Guests can enjoy a tropical drink or select from the brands of the island's very own brewery - Caybrew.
- **Toddler's Playground** - a partially shaded safe dry play area for young children one to five years old with swings, slides and playhouses. It is conveniently located between Schooner's Bar & Grill and our fresh-water Breakers Lagoon.
- **Splash Gift Shop** – our retail store which has an attractive range of gifts and souvenirs, and functions as the exit for both types of admissions. The product selection protocols emphasize eco-friendly and locally-sourced products as much as possible, featuring a range of made-in-Cayman products.
- **Turtle Nest Café** – our food and beverage outlet on the courtyard at the front of the park, serving ice cream, specialty coffees, other hot and cold beverages, hot patties, sandwiches and other snacks.



*Splash Gift Shop is often touted as the best on the Island. It has one of the largest selections of beautiful plushies, resort wear, costume and semi-precious jewelry along with souvenirs of all kinds and giftware. It is easy to see why it warrants this title.*

○ **Turtle Adventure Tour (Entire Park)**

The “Turtle Adventure Tour (Entire Park)” admission gives guests access to all of the “Exploration Tour” features **in addition** to a unique opportunity to interact with island wildlife in aquatic and other features and exhibits:

- **Turtle Lagoon** - Snorkel in the lagoon with juvenile green sea turtles up to two years old and enjoy this wonderful experience of observing them “up close and personal”. It is supervised by a team of trained Lifeguards. There are also hundreds of colourful reef fish and little islands where our breeding peacocks and their offspring live. One of the islands houses our model lighthouse.



- **Predator Reef** - Watch sharks, Great Barracuda, tarpons and other predators through the underwater or dry view panels, or from the bridge. On weekdays (Monday to Friday) at the 11:00 AM feeding time guests can view our marine animal programs team as they give an educational narration about sharks, barracuda and other wildlife while hand-feeding our sharks and doing their health observations.

<sup>5</sup> Our scientific team also uses these boxes to monitor the progress of the “control group” of siblings of the eggs assigned to our nest translocation program which places half of a selected clutch in a created nest on a wild beach to hatch and emerge into the sea, in our program of education and tourism outreach to selected tourist accommodation properties with suitable beaches.

- **Caribbean Free-Flight Aviary** - Caribbean birds fly freely in this large aviary, and guests can hand-feed them under supervision. The several different species include colourful nectar feeders, seed eaters, and pellet feeders especially the impressive Scarlet Ibis native to Trinidad and the White Ibis native to the Cayman Islands and other Caribbean islands; they also include both subspecies of our islands' **National Bird the Cayman Parrot**. There are 10:00 AM to 3:00 PM daily bird hand-feeding opportunities for guests. Our keepers are on-site during the feedings, to assist guests with the various types of feeding and to answer guests' questions about the various species in the sanctuary. This facility also incorporates our White Crowned Pigeon captive breeding and release program that has helped to replenish Cayman's population of this species (locally called "Bald Pate") that had been somewhat depleted over the years as it had been a target for sport shooting. There is also a breeding pair of the indigenous parrots, the offspring of which are released annually after habituation to transition to wild food sources.



- Our **Shoreline Nursery** habitat is complete with young mangroves, conch, juvenile fish, tube worms and other shallow-water flora and fauna.
- **Butterfly Garden**, a free-flight habitat, hosts indigenous and migratory butterflies in the various stages of their life cycle.
- **Breakers Lagoon** is the largest fresh-water swimming pool in Cayman with two waterfalls and an underwater view of the predator tank. It is supervised by a team of trained Lifeguards.
- **Turtle Twister Waterslide** at the Breakers Lagoon accommodates guests of a wide range of ages, and features two loops for over 100 feet of sliding thrills with a pumping capacity of some 600 gallons of rushing water per minute.
- **Budgie's Snack Shop** at the Breakers Lagoon offers a range of "fast food" and cold beverages.



- **Blue Hole Nature Trail** - Stroll along this trail and view the beautiful nature that Cayman has to offer, including the **National Flower the Wild Banana Orchid**. The Wild Fig trees growing out of the Blue Hole cavern host the rare endemic Ghost Orchid, rescued by the National Trust from other locations and planted there for safety. The trail also hosts both native and migratory butterflies, and various birds frequently visit. This zone incorporates an original forest where several of Cayman's indigenous species of trees and bushes have been growing for hundreds of years. The Blue Hole itself is the name given to a cave that contains a natural pool in which scientists have discovered a rare endemic subspecies of the tiny aquatic Blind

Cave Isopod<sup>6</sup> (a white crustacean related to shrimps). Cayman Turtle Centre's Blue Hole site has been found to be presently the only known habitat for this particular subspecies remaining anywhere on the planet.

- **Cayman Street** - Walk down this gravel street to view old Cayman architecture, featuring traditional gardens and a variety of local garden trees, shrubs, and herbs such as "Fever Grass" (Lemon Grass) and "Cayman Mint". The various species of flora on display include the **National Tree, the Silver Thatch**, which also grows in the landscaping of various other parts of the park. This tree was vital to the island's economy up to a generation or two ago, used in the local production and export of Cayman thatch rope that earned the reputation of being "the strongest natural fibre" that was in demand by mariners in Cayman and in other countries as it was much more resistant to usage in seawater than its counterparts back in the day before nylon and other synthetic fibres were invented to manufacture rot-resistant ropes. Silver Thatch is still important in the creation of various crafts by local artisans. The **Cayman Mahogany**, a hardwood that was used in past years in the islands' shipbuilding industry, is also featured in various areas of the park.

- **Sales Channels for Tours**

The admissions are sold as "tours" or "shore excursions" through various sales channels:

- The majority of visitors comprise "turtle exploration" admissions sold as a key feature of island activities offered to cruise visitors by Independent Tour Operators (ITOs) whose customers are primarily cruise tourists. Both of the dolphinariums on the island also offer their "dolphin swim" guests a visit to CTC included in their price (which applies to all except for one or two cruise lines). CTC provides these admissions to ITOs and dolphinariums at wholesale prices.
- The Company sells tours directly to customers at full price at its Ticket Counter in the Reception building at the park entrance. The "*Turtle Adventure Tour (Entire Park)*" admission is available for online purchase through the Company's website [www.turtle.ky](http://www.turtle.ky) at discount prices. There are also admission discounts available by association with various "partners" such as *Explore* magazine, *Cayman Coupons*, *Your Cayman*, *Island Map*, *American Express*, car rental companies (Andy's and Budget), concierge coupons, and certain taxis.
- During this year the Company had two vans providing free shuttle bus service for stay-over visitors, with pick-up and drop-off at various resorts in the Seven Mile Beach area. The colourful branding of these vehicles also serves as mobile advertisement for the park.
- The Company sells wholesale to some cruise lines the equivalent of "*Turtle Adventure Tour (Entire Park)*" admissions including a guided tour of the turtle exhibits. Those cruise lines in turn market them to their cruise passengers as shore excursions. These wholesale excursions



---

<sup>6</sup> Bass, D. "The Status of Four Aquatic Crustaceans from Grand Cayman, West Indies." *Living World*, Journal of The Trinidad and Tobago Field Naturalists' Club (2012): 77-78.



include ground transportation from and to the cruise terminal. In some cases these tours include a buffet lunch at the Company's on-site Schooner's Bar & Grill. In addition, the Company provides to the cruise lines "combo" shore excursion packages which also include visits to other attractions. There are various combinations such as Pedro St. James National Historic Site, Hell tourist attraction, and Stingray Sandbar in the North Sound. The Company also is a channel for wholesaling to cruise lines the shore excursion to the Queen Elizabeth II Botanic Park.



- **Activity: Sea Turtle Captive Breeding and Turtle Meat Production**

- **Product lines**

The Company is still the only facility in the world that has achieved the second generation and beyond, of sea turtles bred, laid, hatched and raised in captivity in a closed cycle that takes no eggs or animals from the wild (wild egg and animal collection for the breeder stock was concluded over 40 years ago in the late 1970's). Several decades ago, the farm assisted the US and Mexican authorities in captive breeding the very endangered Kemp's ridley sea turtles which replenished the wild population especially in the Gulf of Mexico. However, the Company's primary breeding focus has been and remains on the green sea turtle, having been the first aquaculture establishment anywhere to have succeeded in breeding sea turtles in captivity.

After the Company's predecessor had established the captive breeding facility and its operations commencing in 1969, exports of sea turtle products of the families *Cheloniidae* and *Dermochelyidae* were added to Appendix I of the Convention on International Trade in Endangered Species of Wild Flora and Fauna (CITES) in 1977, which therefore banned commercial trade in such products between member nations. In light of that, the Company's predecessor ceased production of turtle oil, turtle shell jewellery and turtle leather products which together had been a very significant source of revenue.

Currently, product lines have been limited to meat products, which are produced and sold at subsidised prices to avoid poaching of turtles from the wild to satisfy the strong ongoing local demand for turtle meat. These products are strictly for consumption and use within the Cayman Islands, thereby remaining in strict compliance with the CITES convention. Meat products are typically each sold in 5-pound "lots."

During the 18-month fiscal period ended 31<sup>st</sup> December 2017 total turtle meat products sold was 125,312 lbs. Income from turtle meat products comprised 10.6% of the Company's revenues.

- **Activity: Landlord**

During the 18-month fiscal period ended 31<sup>st</sup> December 2017, this segment of the Company's business comprised primarily a property lease to a dolphinarium: Dolphin Discovery (Cayman) Ltd. For the period up to 30 September 2016, there was also a tenant occupying two of the courtyard kiosks at CTC for an independent gift shop. They vacated at the end of their lease, when the Company took a strategic decision to develop those spaces to become its Turtle Nest Café.

This rental income equaled 2.92% of the Company's total revenues.

- **Huge Strides in Conservation**

In October 2015 the results of a Darwin Plus study conducted by the Department of Environment in collaboration with the University of Exeter were published, revealing that by providing affordable captive-bred sea turtle meat, the Company has a huge positive conservation impact in the reduction of the likelihood of turtles being poached.



In Grand Cayman, green turtle nest totals for the five-year period ended 2017 were 350% of the corresponding total for the five-year period a decade earlier, ending 2007, as more of the turtles released by the Company and its predecessors in prior years are coming to maturity and returning to the island's waters to breed and to their "natal beach" (from which they began their ocean swim) to make their nests and lay their eggs.

The results in nesting numbers are even more remarkable when examined over the full span of known nesting data.

- When the Department of Environment began the recording of nest counts in Grand Cayman in 1999, there was only one (1) green turtle nest on the island that year.
- For 2017, there were 229 green turtle nests on the island, an outstanding success by any measure, as more and more of the green turtles the Company and its predecessors released over the years are eventually coming to maturity and reproductive age.



## **SENIOR MANAGEMENT TEAM**

During the period, the Company's senior executives comprised:

- **Mr. Timothy Adam**, Managing Director (Board/Company Secretary)
- **Mr. Phillip Fourie**, Chief Financial Officer
- **Mr. Raymond Hydes**, Chief Sales Officer
- **Ms India Narcisse-Elliott**, Chief Marketing Officer
- **Mr. Christopher Jackson**, Chief Infrastructure Officer
- **Dr Walter Mustin**, Chief Research Officer
- **Mr. Joelle McCrae**, Chief Human Resources Officer

During the period:

**Ms Katherine Jackson** was the **Office Manager** (also **Recording Secretary** to the Board of Directors and support to the Executive Management Team). She also had the responsibilities of **FOI Manager** and as our primary liaison for various official contacts as well as corporate travel arrangements.

The **Managing Director** was

- responsible as the Company's "chief executive officer" (as described in The Public Authorities Law, 2017), reporting to the Chairman of the Board of Directors;
- the Company's primary liaison with the Board of Directors, also with the Ministry of District Administration, Tourism and Transport to which the Company reports, and jointly with the (Acting) Chief Marketing Officer functions as the primary spokesperson to the news media;
- the **Company Secretary as appointed by the Board of Directors**.

The **Chief Financial Officer** had responsibility for

- financial and management accounting;
- payroll, payables and receivables;
- business controls and revenue assurance;
- insurance and risk management;
- IT infrastructure, telecommunication and park Wi-Fi facilities;
- procurement oversight;
- selection, procurement and support of software applications for financial, accounting and administrative functions, Point of Sale and inventory control functions, and Human Resources functions;
- financial reporting to the executives, Board of Directors and Government;
- liaison with auditors.

The **Chief Sales Officer** had responsibility for

- the main revenue centres: Admissions, Tours and “Shore Excursions”, Retail (Splash Gift Shop), Food & Beverage;
- liaison with cruise lines, tour operators and transportation providers;
- liaison with secondary liability insurers to meet cruise line requirements;
- tour scripts and tour quality control;
- CTC’s Courtesy Shuttle service;
- He shared in various functions with the (Acting) Chief Marketing Officer (see below).

The **(Acting) Chief Marketing Officer** had responsibility for

- advertising and promotions;
- marketing collateral design, procurement and distribution;
- media and public relations;
- website and customer communications;
- several social media channels;
- CTC App procurement and development;
- on-site and external signage;
- branding, and re-branding;
- special events marketing and management, and park communications;
- With the Chief Sales Officer she shared responsibilities in product development and pricing, and liaison with concierges, condominium front desks, and car rental agencies as promotional channels for attracting visitors;
- With the Managing Director she shared responsibilities as primary Company spokesperson to news media.

The **Chief Infrastructure Officer** had responsibility for

- buildings and grounds, maintenance and landscaping, and janitorial functions;

- site security, disaster preparedness plans and drills, safety, incident reporting, lifeguards and lagoon cleaning;
- upkeep of exhibit enclosures and infrastructure;
- oversight of capital projects;
- vehicles and heavy equipment;
- mechanical, electrical, and plumbing equipment and infrastructure, also including the Aquatic Life Support System (ALSS) and other lagoon filtration and sanitization systems, utilities costs and usage monitoring.

The **Chief Research Officer** had responsibility for

- all animal care and welfare, animal programs and displays including marine, aviary and terrestrial;
- in-house and external collaborative research and scientific testing;
- internships for research and animal programs;
- regular liaison with the Department of the Environment, Department of Agriculture and its Animal Welfare Unit, and St. Matthew's University School of Veterinary Medicine;
- water quality testing and other regulatory relations with the Water Authority;
- Cayman Turtle Products: the turtle farming operation, turtle herd management and husbandry.

The **Chief Human Resources (HR) Officer** had responsibility for

- staff records;
- payroll and timekeeping record checks;
- management of recruitment, retention, training, and termination processes;
- on-boarding and orientation of new staff members;
- immigration processes for staff on Work Permits and other immigration-related controls;
- medical insurance and pension enrolments, terminations, and liaison with scheme providers;
- progressive discipline oversight and advice to supervisors;
- maintenance of HR processes and Standard Operating Procedures, especially related to human resources;
- management of random drug testing and related protocols;
- maintenance of the "Crew Member Handbook" and related policies;
- maintenance of the pay and salary structures.

## **SUMMARY of ACHIEVEMENT of Ownership Performance TARGETS**

The full set of Strategic Goals and Objectives of the Company from an ownership perspective for the 18-month fiscal period 1<sup>st</sup> July 2016 – 31<sup>st</sup> December 2017 is contained in Section 3 *Strategic Ownership Goals* of the document "*Ownership Agreement Between The Cayman Islands Government and Cayman Turtle Farm (1983) Ltd for the 18-month period ending 31 December 2017*". The following analysis summarises achievements against key ownership performance targets for the fiscal period ended 31<sup>st</sup> December 2017.



Overall: The Company remains dependent on Government for subsidies. In the 18-month fiscal period ended 31<sup>st</sup> December 2017, the “cash” portion of the Equity Injection was CI\$13,815,709.

The Ownership Performance Targets as specified in schedule 5 to the Public Management and Finance Law compared with actual results for the 18-month 2016-2017 fiscal period are as shown in Table 1 Ownership Performance Targets & Actuals.

- **Financial Performance**

<b>Financial Performance Measure (CI\$000)</b>	<b>2016 Actual CI\$000</b>	<b>18 Months 2016/17 Budget CI\$000</b>	<b>2016/17 Actual CI\$000</b>
Revenue from Cabinet	0	0	0
Revenue from ministries, portfolios, statutory authorities and government companies	0	0	0
Revenue from other persons or organisations	7,336	10,876	10,023
Surplus/(deficit) from outputs / Net Loss	(6,002)	(9,539)	(11,907)
Other expenses	(291)	(1,294)	766
Net Surplus/(Deficit) / Comprehensive Loss	(6,293)	(10,834)	(11,141)
Total Assets	32,033	27,221	27,137
Total Liabilities	18,680	12,828	11,109
Net Worth	13,353	14,393	16,028
Cash flows from operating activities	(3,560)	(6,837)	(7,120)
Cash flows from investing activities	690	(1,500)	(1,152)
Cash flows from financing activities	5,416	7,451	7,295
Change in cash balances	1,167	(435)	(977)

<b>Financial Performance Ratio</b>	<b>2016 Actual</b>	<b>18 Months 2016/17 Budget</b>	<b>2016/17 Actual</b>
Current Assets: Current Liabilities	0.81:1	1.33:1	0.65:1
Total Assets: Total Liabilities	1.71:1	3.91:1	2.44:1

## Maintenance of Capability

<b>Human Capital Measures</b>	<b>2016 Actual</b>	<b>18 Months 2016/17 Budget</b>	<b>2016/17 Actual</b>
Total full-time equivalent staff	92	100	101
Staff turnover (%)	23.9%	5%	15.8%
Average length of service (Number)			
Senior management	8.8	7.4	10.1
Professional staff	0.2	8.2	1.8
Administrative staff	9.7	8.9	11.1
Significant changes to personnel management system	No changes	No changes	No Changes

<b>Physical Capital Measures</b>	<b>2016 Actual</b>	<b>18 Months 2016/17 Budget</b>	<b>2016/17 Actual</b>
Value of total non- current assets <b>(CI\$ 000)</b>	26,883	24,010	23,372
Asset replacements: total assets	2.1%	6.2%	4.2%
Book value of depreciated assets: initial cost of those assets	47.7%	41.5%	43.1%
Depreciation: Cash flow on asset purchases	4.25 :1	2.90:1	3.94 :1
Changes to asset management policies	No changes	No changes	No changes

<b>Major Expenditure Repair Projects</b>	<b>Capital and 2016/17 Spent CI\$000</b>	<b>18 months 2016/17 Budgeted CI\$000</b>	<b>2016/17 Remainder CI\$000</b>
Saltwater Pumping Station	73	425	352
Salt Water Lagoon – GE Modular Building	0	70	70
ALSS components	0	310	310
Turtle Tanks	0	300	300
Retail Store – LED Lighting	0	70	70
Schooners Restrooms	0	100	100

Schooners Freezer	0	100	100
Various sculptures	130	0	(130)
Shade sails over tanks	73	0	(73)
Goldfield Museum ship model & display case	49	0	(49)
Security Cameras	146	0	(146)
Various Misc. Projects	287	0	(287)
<b>Furniture &amp; Equipment</b>	<b>67</b>	<b>0</b>	<b>(67)</b>
<b>Computer Hardware</b>	<b>182</b>	<b>0</b>	<b>(182)</b>
<b>Computer Software</b>	<b>101</b>	<b>0</b>	<b>(101)</b>
<b>Motor Vehicles</b>	<b>44</b>	<b>0</b>	<b>(44)</b>
<b>Total 2016/17</b>	<b>1,152</b>	<b>1,375</b>	<b>223</b>

Table 1 Ownership Performance Targets & Actuals re Capital Expenditures

- **Analysis of how the Equity Injection was Utilized**

As shown in the Company's audited Financial Statements, the total Equity Injection made by the Governor in Cabinet in the company during the financial year was CI\$13,815,709. This amount was contributed in "cash".

Of the "cash" amount of the Equity Injection, CI\$6,521,093 went toward debt servicing. CI\$1,151,631 went toward the purchasing of property, plant, equipment and exhibits. The remainder, CI\$6,142,985 was used to assist with payments for personnel and utilities expenses to cover the shortfall in cash needed for these payments.

## **Summary Results of Key OWNERSHIP AGREEMENT STRATEGIC GOALS & OBJECTIVES**

### **Tourist Attraction**

- ❖ Provide a high-quality attraction for visitors to Grand Cayman offering display and interaction with sea turtles and other island wildlife.
  - Sustain [CTC] admission market shares of stay-over and cruise visitors above 10% of visitors per annum in each category.

**Results:** For the annual comparisons, the calendar years January to December were used.

For Stayover visitors we achieved excellent market shares: 15.6% for 2016 and 16.9% for 2017, both well above the target.

For Cruise visitors we achieved the market share target in 2016 but slightly below target in 2017: 11.5% in 2016 and 9.3% in 2017. Our Cruise market share was significantly



*impacted by a Disney Corporation decision in July 2017 to withdraw from all shore excursions that included a stop at CTC, apparently resulting from threats of activists.*

- Collaborate with other entities and entrepreneurs in the tourism industry to offer visitors “packages” incorporating a visit to Cayman Turtle [Centre] together with other products and services (e.g. transportation, visits to other attractions) thereby producing additional positive impact on the islands’ economy and employment.
  - Maintain and develop relations with tour bus companies, watersports companies, other attractions and other tourism service providers to offer “combination” packages for cruise shore excursions.
  - Maintain and develop relations with independent car rental companies, hotels and tourist condos to promote [CTC] visitation by stay-over visitors, through admission discount offers.
  - Pursue relations with taxis and restaurants that have a high percentage of tourist clientele, to promote visitation to [CTC] by offering [CTC] admission discount vouchers to their patrons.
  - Further develop relations for cross-promotion with Cayman Airways:
    - Conduct cross-promotion on social media and [CTC] admission discount to visitors on presentation of Cayman Airways boarding pass stubs
    - Offer [CTC] admission passes as prizes for in-flight “competitions”/raffles on inbound Cayman Airways flights from international gateways
  - Develop commercial arrangements with TAB aimed at cross-promotion with Pedro St. James and Botanic Park
    - Offer [CTC] admission discount to visitors to those sites.
    - Offer [CTC] customers admission discount vouchers for those sites

***Results:***

- *Developed relations with an Independent Tour Operator to sell the full-park access admission at the wholesale rate, as part of a package that ITO in turn offered to guests.*
- *We have an agreement with a rental car company (Andy’s Car Rental), and most of the hotels and condos on Seven Mile Beach as well as in East End have partnered well with us to promote CTC to guests.*
- *The cross-promotion with Cayman Airways did not materialize.*
- *Although the discount voucher system with TAB properties did not materialize, we do have commercial arrangements in place for “combo” shore excursions which are working well.*
- *The Director of Public Transport Unit assisted us in launching a voucher program with the Taxi Drivers.*

❖ **Government Strategic Policy Statement [SPS] alignment:** *By providing a high-quality attraction for visitors and collaborative efforts with other local entrepreneurs, businesses, Statutory Authorities and Government Companies in the ways outlined above, [CTC] contributes to achievement of 2016/17 SPS Outcome 1 (d):*

Encourage collaboration between the Cayman Turtle [Centre] and other local attractions, with entities and entrepreneurs in the tourism industry (such as tour bus companies, watersports companies, hotels) to offer visitors “packages” thereby producing additional positive impact on the island’s economy and employment

❖ Revenue goals:

➤ Tours:

- Increase admissions sold to “stay-over” guests by at least 50% of the percentage increase in air arrivals per annum (Year-on-Year for the fiscal period).

**Results:** Excellent achievement, comparing full-year calendar 2016 to full-year calendar 2017. Admissions sold to “stay-over” guests increased by 209% of the annual increase in air visitor arrivals (17.9% increase in Admissions with 8.5% increase in Arrivals).

➤ Gift Shop:

- Increase Retail Contribution per annum by at least 50% of the same percentage as annual increase in cruise tourist arrivals (Year-on-Year for the fiscal period).

**Results:** Cruise visitor arrivals for 2017 were 1.6% lower than for 2016. Despite that, Retail Contribution in 2017 was 10.3% higher in 2017 compared against 2016, an outstanding achievement for our retail merchandise line of business.

➤ Food & Beverage:

- Increase F&B Contribution per annum by at least 50% of the same percentage as annual increase in cruise tourist arrivals (Year-on-Year for the fiscal period).

**Results:** Cruise visitor arrivals for 2017 were 1.6% lower than for 2016. Food & Beverage Contribution in 2017 was 7.5% lower in 2017 than in 2016, not just because of the decline in cruise visitor arrivals, but even more because of the loss of sales of the shore excursions we provided wholesale to Disney Cruise Line. Those shore excursions had included lunch in our restaurant within the package. (Please see p.27 for further details regarding that cruise line’s decision and its impacts).

**SPS alignment:** By growing its various lines of business and collaborating with other entities as well as several local vendors and suppliers, [CTC] contributes to achievement of the overarching theme of 2016/17 SPS Broad Outcome 1: A strong, thriving and increasingly diverse economy

## Turtle Conservation & Culture

❖ Contribute to the conservation of sea turtles in the wild around the Cayman Islands, and to sustaining local culinary traditions, by making available from self-sustaining closed-cycle farming a stock of green sea turtle meat for local consumption thus avoiding turtles being taken from the wild legally or illegally.

- Production Rate: Maintain turtle meat products production capacity of at least 40,000 pounds per annum (equivalent to at least approx. 900 turtles per annum).

**Results:** For Calendar Year 2017, production was 77,696 pounds of turtle meat products.

❖ Resume annual releases of turtles into the wild as soon as the following have been done:

- Pre-release quarantine tests completed to confirm no significant risk of released turtles introducing diseases to the wild, and

- Data and sample collections completed on the Darwin Plus study on contribution of [CTC]-released turtles to the wild population around Grand Cayman.
- ❖ **SPS alignment:** *These initiatives contribute to achievement of 2016/17 SPS Broad Outcome 10: Conservation of our biological diversity and ecologically sustainable development; and more specifically Outcome 10(b): Contribute to the conservation of sea turtles in the wild around the Cayman Islands, by resuming annual releases of turtles as soon as the appropriate tests and sample collections are completed*

**Results:** *Pre-release protocols including quarantine and health tests were completed and turtle releases resumed in May 2016. They have continued since then.*

## **Research & Education**

- ❖ Continue participation in research on sea turtles in-house and in collaboration with overseas researchers.
- ❖ Host students from local and overseas schools, educating them on sea turtles and other island wildlife.
  - Host at least 2,000 students and chaperones per year.
  - Host interns where possible.
  - Host Masters and PhD level university students conducting research where possible.
  - Continue collaboration with St. Matthew's University School of Veterinary Medicine in hosting international veterinary students on the annual MARVET (Marine Veterinary Medicine) workshops

## **Results:**

- *Research projects in 2017:*
  - *Dr. Walter Mustin's contribution to "Reptile Farming" for new (3rd) edition of Dr. Mader's "Reptile Medicine and Surgery"*
  - *Collaborative research with Department of Environment evaluating ex situ conservation of green turtles in the Cayman Islands.*
  - *Martha Keller, D.V.M., M.S. and Walter Mustin, Ph.D. Journal of Zoo and Wildlife Medicine 48(1): 121–130, 2017 ©American Association of Zoo Veterinarians: EXAMINING THE PREFERENCE FOR SHADE STRUCTURES IN FARMED GREEN SEA TURTLES (CHELONIA MYDAS) AND SHADE'S EFFECT ON GROWTH AND TEMPERATURES*
- *Total number of students hosted in 2017: A total of 2,177 students plus 358 accompanying teachers/chaperones, in 20 school groups; in addition, a total of 360 campers plus 95 chaperones in 20 camp groups: a grand total of 2,990.*
- *A Caymanian graduate intern was hosted during this period.*
- ❖ **SPS alignment:** *These initiatives help overall to contribute to achievement of 2016/17 SPS Broad Outcome 7: A centre of excellence in education*



## Events Hosting

- ❖ Offer the park as a venue for various corporate, social and community events, including catering of food and beverages.
  - Target hosting the “West Bay Heritage Day” of Pirate’s Week each year – subject to agreement with the Pirate’s Week office and the West Bay Heritage Committee.



**Results:** Five (5) major events were hosted for clients during this fiscal period. These included a diverse range of clients, such as a large local reunion of friends, a high school reunion, a “beach day event” run by a local events organizer, a large wedding anniversary dinner, and a church anniversary lunch.

Due to the park being open 7 days per week with commitments to pre-sold cruise line shore excursions on most days, it was determined unsuitable for the park to host the West Bay Heritage Day of Pirate’s Week. Note: During 2017 the officials decided that instead of district “heritage days”, the Pirates Week festivities were scheduled to take place mainly in the capital.

## Debt reduction

- ❖ Continue reducing and extinguishing debt in accordance with the debt repayment schedule:

As at 30 June 2016									
Loan	Currency	Guaranteed?	Date of Origin	Original Amount	Amortized or Bullet	Current Balance KYD	Annual Principal KYD	Interest Rate	Maturity Date
FCIB - Bank Loan	USD	Yes	21-May-09	2,352,000	Amortized	1,484,151.55	147,154.50	Libor +3.75%	30-Nov-24
CNB Bank Loan Tranche 2	USD	Yes	26-Mar-06	2,856,000	Amortized	96,078.07	362,454.28	4.25%	30-Nov-16
William & Blair (Placement Agent)	USD	Yes	12-Mar-04	37,464,000	Amortized + Bullet	12,994,800.00	3,078,600.02	4.85%	1-Mar-19

As at 31 December 2017 (18 Months)									
Loan	Currency	Guaranteed?	Date of Origin	Original Amount	Amortized or Bullet	Current Balance KYD	Annual Principal KYD	Interest Rate	Maturity Date
FCIB - Bank Loan	USD	Yes	21-May-09	2,352,000	Amortized	1,250,947.22	232,964.48	Libor +3.75%	30-Nov-24
CNB Bank Loan Tranche 2	USD	Yes	26-Mar-06	2,856,000	Amortized	0.00	96,067.32	4.25%	30-Nov-16
William & Blair (Placement Agent)	USD	Yes	12-Mar-04	37,464,000	Amortized + Bullet	8,057,280.00	4,937,520.00	4.85%	1-Mar-19

As at 31 December 2018									
Loan	Currency	Guaranteed?	Date of Origin	Original Amount	Amortized or Bullet	Current Balance KYD	Annual Principal KYD	Interest Rate	Maturity Date
FCIB - Bank Loan	USD	Yes	21-May-09	2,352,000	Amortized	1,087,655.58	163,291.64	Libor +3.75%	30-Nov-24
William & Blair (Placement Agent)	USD	Yes	12-Mar-04	37,464,000	Amortized + Bullet	4,536,000.00	3,521,280.00	4.85%	1-Mar-19

As at 31 December 2019									
Loan	Currency	Guaranteed?	Date of Origin	Original Amount	Amortized or Bullet	Current Balance KYD	Annual Principal KYD	Interest Rate	Maturity Date
FCIB - Bank Loan	USD	Yes	21-May-09	2,352,000	Amortized	917,672.56	169,983.03	Libor +3.75%	30-Nov-24
William & Blair (Placement Agent)	USD	Yes	12-Mar-04	37,464,000	Amortized + Bullet	0.00	4,536,000.00	4.85%	1-Mar-19

- ❖ **SPS alignment:** Compliant with the “Public Sector Debt Profile and Debt Management Strategy” of the 2016/17 SPS and with the FFR, [CTC] plans no new borrowings over the forecast period.

**Result:** The loan from Cayman National Bank (“Facility 1”) originally US\$3,400,000 (= CI\$2,856,000) taken on 26<sup>th</sup> March 2006, was paid off on schedule during 2017. The loan from First Caribbean International Bank (“Facility 2”) originally US\$2,800,000 (= CI\$2,352,000) taken on 21<sup>st</sup> May 2009, was paid off ahead of schedule during 2017 with the assistance of an additional Equity Injection.

- ❖ Collaborate with Finance Ministry in initiatives to reduce interest rate costs by accelerating payoff of remaining bank debt using funds in inter-entity loan arrangements from other Government entities with surplus cash, at interest rates that are better than commercial rates for both [CTC] as borrower and the other Government entity as lender.

- ❖ **SPS alignment:** These initiatives contribute to achievement of 2016/17 SPS Broad Outcome 4: A more efficient ... and affordable Public Service

**Result:** This concept was brought up in a meeting hosted by the Minister of Finance at the time, but eventually there was not a suitable source entity found. For example: Cayman Islands Airports Authority (CIAA) was informally mentioned as a possible source entity because at the time they appeared to have surplus cash reserves, but subsequently we were advised that with the imminent airport redevelopment projects they would likely need to have access to those cash reserves to cover the project cash flow needs.

## Cost Efficiencies

- ❖ Reduce electricity costs by continuing capital project to replace biofouled sea water intake pipes, and investigate potential cost-benefit of installing Variable Frequency Drives [VFD’s] for those pumps. These projects will improve efficiency of sea water supply pumps which is a significant portion of electricity cost.
- ❖ Reduce electricity costs by replacing corroded central air conditioning systems in main reception and retail store areas with more efficient split-systems.

- ❖ Pursue public-private partnerships to reduce total electricity costs by implementing solar and/or wind turbine alternative energy sources.
- ❖ **SPS alignment:** *These initiatives contribute to achievement of 2016/17 SPS Broad Outcome 4: A more efficient ... and affordable Public Service, and Broad Outcome 5: Modern, smart infrastructure*

**Result:**

- *VFD's were installed on the seaside pumping station to improve the electrical power usage efficiency of these pumps especially upon start-up. An external engineer assisted with initial planning for the replacement of the biofouled sea water pipes to the turtle tanks, however due to the estimated cost and logistics of the project it was not feasible to proceed at that time.*
- *Higher efficiency air conditioning systems were installed for the customer service lobby, admin and finance offices, and retail store.*
- *Although there was discussion and correspondence with some interested parties regarding solar energy installations, none of those materialized into a feasible project.*

**Employment**

- ❖ Recruitment practices to continue to prefer Caymanians or those with Permanent Residency with the Right to Work, minimizing the number of Work Permits required for the [CTC] workforce.
  - Target is to maintain less than 10% of employees on Work Permits.
- ❖ **SPS alignment:** *This contributes to developing local talent toward achievement of 2016/17 SPS Broad Outcome 2: A work-ready and globally competitive workforce*

**Result:** There were 101 full time equivalent employees as of December 31, 2017, with four work permits, which is 3.96%. This target was therefore met.

**Wheelchair Accessibility**

- ❖ Continue expansion of concrete wheelchair paths along Cayman Street to the Turtle Lagoon beach and restrooms, making these areas more accessible to guests with physical disabilities.

**Result:**

*A decision was taken to procure a Mobi-Mat and Mobi-Chair instead, in the following year, to significantly improve accessibility of guests with physical disabilities getting into and out of the water at Turtle Lagoon.*

**Real Estate Rental Potential**

- ❖ Liaise with the real estate rental market to explore and develop potential for rental of property for commercial tenants in buildings to be designed and constructed on the existing "White House" and "Blue Building" sites.



- If commercially feasible, replace existing dilapidated buildings on those sites with commercial rental accommodations, and incorporate accommodation for the remaining functions those buildings are presently used for.
- Land would need to continue to be owned by [CTC] because:
  - “White House” site contains north access to container storage yard and nature trail area.
  - “Blue Building” site contains the seaside pumping station for sea water supplies to turtle tanks and exhibits.

**Result:** *Discussions were held with real estate experts. There did not appear to be sufficient “market” of suitable tenants in this area at that time, for such a project to have an acceptable chance of success.*

### **“Project Future”**

- ❖ [CTC] Board and Management will collaborate with the Committee pursuing “Project Future” initiatives as directed by Cabinet.
- ❖ **SPS alignment:** *This contributes to achievement of 2016/17 SPS Broad Outcome 4: A more efficient ... and affordable Public Service*



## **AUDITED FINANCIAL STATEMENTS**

The audited financial statements for the 18-month fiscal period ended 31<sup>st</sup> December 2017 are attached as **APPENDIX 1. Audited Financial Statements of the Company.**

This audit was performed by KPMG and the Office of the Auditor General, with the unqualified Audit Opinion issued jointly by both of those auditors.

- **Breakdown of Revenue Sources**

**Table 2 Income Analysis**

	<b>18 Months2016/17 FY</b>	
<b>Revenues</b>	<b>CI\$</b>	<b>%</b>
Admissions ("Retail Tours")	5,760,636	57.5%
Retail merchandise sales	2,088,497	20.8%
Food and beverage	1,108,606	11.1%
Turtle meat sales ("Wholesale Sales")	1,062,936	10.6%
Turtle sponsorships ("Turtle Release Program")	1,907	0.0%

- The "Tours" revenue is derived from admission charges. Admissions are sold wholesale to cruise lines and to local Tour Operators and attractions, and sold retail directly to visitors and residents on site and through our web booking facility. The "Retail Merchandise" revenue is from CTC's "Splash Gift Shop" on site and from the gift shop in the kiosk at Royal Watler (cruise) Terminal. The "Food and Beverage" revenue is from CTC's "Schooner's Bar & Grill", "Turtle Nest Café" and "Budgie's Snack Shack" on site, and this includes revenues from food and drinks catered to birthday parties and corporate events hosted on site.
- The total of the foregoing three categories comprises total earnings from the "Visitor Attraction" line of business, which made up 89.4% of the Company's revenues.



- **Breakdown of Expenses**

**Table 3 Expenses Analysis**

<b>Expenses</b>	<b>CI\$</b>	<b>%</b>
Personnel expense	5,893,690	29.5%
Depreciation expense	4,536,757	22.7%
Interest and amortisation	1,025,976	5.1%
Utility expense	1,979,670	9.9%
Insurance expense	354,301	1.8%
Maintenance costs	1,882,846	9.4%
Feed and other operating expenses	835,047	4.2%
Professional fees	364,727	1.8%
Other expenses	997,233	5.0%
Advertising	576,207	2.9%
Bank fees	138,392	0.7%
Telephone	312,928	1.6%
Defined benefit liability – profit/loss	139,000	0.7%
Retail operating expense	211,720	1.1%
Bad debt expense	604, 936	3.0%
Travel and entertainment	100,425	0.5%
	<b>19,953,855</b>	<b>100%</b>

The largest single expense is Personnel expense. For the fiscal period, the Company had a budgeted maximum headcount of 101 FTE's.

- **Equity Injections**

The “subsidy” provided by the government, which comes in the form of equity injections, has been steadily reduced as the financial performance of the Company has improved.

<b>Fiscal Year</b>	<b>El portion in cash (for debt servicing + cash shortfall)</b>
2010 audited	9,555,610
2011 audited	9,852,569
2012 audited	9,669,418
2013 audited	10,678,771
2014 audited	10,503,078
2015 audited	9,506,349
2016 audited	9,002,749
2017 audited (18 Mths)	13,815,709

**Table 4 EI Injections per Fiscal Year**

The Equity Injection for the fiscal period ended 31 December 2017 was higher than for the previous period ended 30<sup>th</sup> June 2016 primarily because of the longer fiscal period i.e. 18 months, instead of 12-month periods previously.

- **Capital Withdrawals**

There were no Capital Withdrawals made by the Governor in Cabinet from the Company during the financial year.

- **Dividends or Profit Distributions**

There were no Dividends or Profit Distributions paid by the Company during the financial year.

- **Loans and Notes**

There were no new loans to the Company by the Governor in Cabinet or by any financial institution, during the financial year. Two loans, Cayman National Bank ("Facility 1") originally US\$3,400,000 taken on 26<sup>th</sup> March 2006, and First Caribbean International Bank ("Facility 2") originally US\$2,800,000 taken on 21<sup>st</sup> May 2009, were both finally paid off during 2017.

The note payable balances totalled CI\$8,037,676 as at 31<sup>st</sup> December 2017.

- **Guarantees**

There were no new Guarantees relating to the company made by the Governor in Cabinet during the financial year. The Governor in Cabinet continues to guarantee the CI\$4.2 Million for the Overdraft facility held with CIBC First Caribbean International Bank.

## **RISK MANAGEMENT**

- **Key Risks and Risks Mitigation**

In this section we discuss below in depth a few of the main risks facing our Company.

**Key Risk:**

**Continued dependence on Government subsidy, provided annually in the form of Equity Injections.**

This is expressed as an *Emphasis of Matter* note each year in the Audit Opinion, with typical wording as follows:

*We draw attention to note 11 of the financial statements which discloses that the Company is dependent upon the continued financial support of the Government of the Cayman Islands to enable it to meet its obligations as they fall due. Without this ongoing support a material uncertainty exists that casts significant doubt about the Company's ability to continue as a going concern. Our opinion is not qualified in respect of this matter.*

- In other words, this risk does not cause an "audit qualification" but it is given "emphasis" as a significant risk in terms of the future viability of the Company.

**Risk Mitigation:** The risk of Government withdrawing its annual financial "subsidy" is minimized by the Company delivering huge benefits for the nation and its people, coupled

with the Company highlighting these benefits in its contacts with government decision-makers and key influencers. These benefits include major successes such as:

- Functioning effectively in our conservation and research roles with results giving clear evidence that the Company is a vital and very active Key Success Factor in ensuring that green sea turtles, and other sea turtle species in turn, remain in the wild in the waters of the Cayman Islands to delight visitors and residents who swim, snorkel, or dive and have as many opportunities as possible to see these magnificent creatures in their natural habitat. The powerful evidence of that impact is discussed above in the portions of the report that relate to conservation and research, and the huge positive impact of captive-bred turtle meat availability as well as captive-bred turtle releases and turtle egg translocations to wild beaches.
- Providing a world-class, very popular tourist attraction which is a positive factor in prospective stay-over guests choosing the Cayman Islands as their destination, and prospective cruise visitors choosing Grand Cayman to be in their itinerary. Furthermore, this attraction motivates cruise visitors to come ashore when their ship calls at Grand Cayman, thereby generating spin-off passenger spending within the country rather than passengers remaining aboard the ship.
- The Company stands out as an exemplary role model of deliberate, determined efforts to recruit, train, develop, and retain Caymanians. In turn the Company is providing employment which is a primary means of income to support over 100 families, and no doubt in some cases this helps to support extended families. With only 4 FTE's (less than 5%) out of our total headcount of 101 FTE's requiring Work Permits, by far the highest percentage of our employees is Caymanian.

The Company also stands out as an exemplary role model of deliberate, determined efforts to assist other public sector entities in being successful in their endeavours. Our spirit of partnership with such entities as the government's Tourism Attractions Board (TAB), coupled with our track record of reliable execution and delivery of high-quality, safe experiences for visitors, have resulted in the tangible benefits of attracting a significantly large number of guests on "combination" shore excursions that demonstrate the Company's competences in collaboration, sales and marketing.

#### Key Risk:

##### Large dependence on revenues from cruise lines and cruise passenger spending.

As seen in the financial results and revenue graph, by far the largest revenue sources the Company presently has, relate to visitors to the park and on shore excursions that the Company sells both wholesale and retail. In turn, within those revenue streams the largest numbers of customers are cruise passengers. Therefore, there are significant related risks:

- The ongoing lack of a Cruise Berthing Facility (CBF) in Grand Cayman is a major impediment to cruise lines maintaining existing numbers of cruise passengers and is presently a significant barrier to cruise lines being able to significantly increase the numbers of cruise passengers that they bring to our island. Coupled with the cruise industry moving very visibly toward ordering and progressively deploying larger ships for which tendering is considered unacceptable, the risk of decline in cruise numbers is growing and gets steeper every time we hear another cruise line announcing the anticipated date that they will be deploying another

large ship in their Caribbean itineraries. Of all the Caribbean islands which BREAs surveys every three years to determine the economic impacts of cruise tourism in our region, the Cayman Islands is the only island nation that still does not have a cruise berthing facility. The cruise lines therefore, which typically plan their itineraries and commitments (especially for their large ships) years ahead, have to take that into account as to which ports they are going to include in their itineraries in the cruise season, the year, and the future years ahead.

- Inclement weather that results in ships bypassing Grand Cayman, has a large detrimental effect on our revenues. Given that many of our major cost components are not variable, we still have those costs to bear on those days when we lose customer revenue because their ships cannot come to our port due to unacceptable risks of tendering in such weather that would have been within acceptable weather minimums for berthing. The expert predictions are that the proposed Cruise Berthing Facilities (CBF) would mitigate this risk down to a small fraction of the current typical “days lost due to inclement weather conditions for tendering” per annum. Realistically however, the CBF is not likely to be in operation for another three or maybe even more years hence while we continue to face this risk.
- If cruise lines are influenced by other factors to stop doing business with the Company for whatever reason whether perceived or actual, each cruise line that makes such a decision will leave a significant “hole” in our revenues. (One such example is discussed on p.27.)

#### Risk Mitigation:

- The ongoing risks related to lack of a CBF are being addressed on an ongoing basis by the Company’s top management assisting in influencing and encouraging for the CBF to be built as soon as it can be properly done. The Managing Director and CSO have for years invested considerable time and efforts in these endeavours, through various industry organizations such as ACT (The Association for Advancement of Cruise Tourism), the FCCA, CITA, and related entities.
- The potential risks of cruise lines withdrawing from business relationships with the Company are mitigated by sincere, deliberate and frequent positive interactions and mutually beneficial shore excursion business deals with the cruise line executives and with the FCCA leadership. To that end, the Company became a Platinum Member of the FCCA, and furthermore the Company demonstrates its commitment to the cruise industry partners by its Managing Director, CSO, and other executive level senior managers attending the FCCA’s annual Conference and Trade Show, at which these executives are able to take many formal and informal opportunities to build on our excellent relationships with cruise lines and their industry leaders.
- To add some measure of mitigation of this large dependence on cruise passengers, the Company has also extended its outreach to stay-over tourist industry partners, accommodation properties and especially resorts in the “Seven Mile Beach” touristic zone. This outreach has resulted in increased stay-over visitors coming to our park, and it is with pleasure that in a prior year we have had to increase from one to two Courtesy Shuttle minibuses to keep pace with the growing demand for this facility from the resorts. There are several other factors in our strategic developments in that direction, including a part-time employee who is tasked with liaison with the accommodation properties in addition to Courtesy Shuttle duties, and places marketing materials in those properties to help concierges and front desk staff in promoting our park attraction.



- To further enhance and develop the Company's relationships with stay-over visitor accommodation properties, the senior management of the Company and our scientific staff have launched projects in which we have proven the potential for new product developments in "turtle tourism". For example, by our positive interactions with property managers in placing our egg translocation projects on beaches in front of prominent tourist accommodations, they have been able to see the very positive interactions and engagement this creates with their guests and the "once-in-a-lifetime" memories it creates for individual guests and multi-generational families that this project gives them, to observe up close and in person the emergence of turtle hatchlings on a beach and their crawl to enter the sea and swim away as they commence the first stage of their lives in the ocean.
- The Company has also put in place the infrastructure and the protocols to enable us to be able to offer private turtle releases, such that guests celebrating a milestone can have an event in which they and their loved ones or business associates can participate in releasing one of our head-started turtles into the wild. We conducted the first set of such events starting in May 2016, and from the experience we gained from subsequent events we have continued refining the processes and the marketing collateral used with the Department of Tourism and other stayover tourism industry partners in creating these events.

#### Key Risk:

##### Property Loss and Public Liability, and Risk Mitigation.

Various commercial risks including loss and damage to property, and public liability, are mitigated by insurance coverage under the umbrella of CI Government's Risk Management Unit and the insurance policy they oversee. The Company pays to CI Government its assessed share of those premiums.

In terms of various other risks, key items are discussed below in brief summary:

#### Reputational Risk:

There are various potential sources of reputational risk therefore the prime ones are discussed below along with our mitigating actions:

##### Reputational Risk Mitigation:

- Misunderstanding of the Company's role in turtle meat production, and lack of understanding as to why that is essential for sea turtle conservation in our country, subsequent to the financial year-end has been partially mitigated by the creation of a separate brand for those functions.

- “Cayman Turtle Products”, the brand applied for that purpose, was launched mid-September 2016 and is the identity under which those aspects of our operations are conducted, separate and distinct from our Cayman Turtle Centre brand.



- Complementary to that change, the Company’s functions as a tourist attraction and as a leading centre for sea turtle conservation, education and research are conducted and marketed under the brand “Cayman Turtle Centre”.



- *Note:* For ease of transition and to retain customer and industry partner familiarity with those elements of our business, we have retained the same logo style and image but we no longer use the brandname “Cayman Turtle Farm” so as to differentiate the new identity as distinct from the aquaculture commercial “farming” aspects that are now identified under the Cayman Turtle Products brand.
- In the past there arose the reputational risk of Special-Interest groups attacking the Company’s reputation especially with accusations of animal welfare violations and related allegations. Those risks have now been mitigated by the regular inspections by the Animal Welfare Unit of the Department of Agriculture, typically done four times per year.
- If there are customer complaints in relation to their experience or observations at our park, there is a reputational risk on social media especially on TripAdvisor.com which is a popular reference source for travellers. This risk is mitigated by constant attention to delivering a high quality, safe experience for our guests.

#### Compliance Risks:

##### Procurement:

This risk has been mitigated by familiarizing senior managers involved in purchasing, with the procedures and business controls which our CFO and his team reinforce so that we remain within the rules of the various legislation governing procurement.

##### Conflicts of Interest:

Annually the executives and Directors update their declarations of interest and our CFO maintains a register of these declarations.

### Regulatory Compliance:

There are two main regulatory bodies that could adversely impact the Company's ability to remain in compliance.

#### **Water Authority**

This Statutory Authority has regulatory functions under which it regulates our water extraction, sewage treatment and sewage effluent discharge, and it also regulates the discharge from our flow-through seawater system in our captive-breeding facility. That system carries salt water pumped directly from the sea into our various turtle tanks and then discharges that water back into the sea after it has flowed through those tanks. In regard to the latter system, <sup>7</sup>the nature of the operations of the Company requires it to obtain permission which is granted by a Marine Discharge Permit (the "Permit") from the Water Authority of the Cayman Islands (the "Water Authority") in order to discharge waste water from the turtle tanks into the ocean. The last Marine Discharge Permit was issued by the Water Authority for 24 months commencing on October 19, 2013, expiring October 31, 2015.

This permit identified four "Phases" of six months each. For each Phase the Water Authority specified targets comprising items to be fulfilled or achieved by the end of each Phase, included in the Permit under the section "Special Conditions" which detailed the requirements for the Company regarding:

- Develop and implement a "Waste Reduction Plan"
- Carry out the routine water quality monitoring programme
- Carry out the flow metering programme
- Carry out the benthic survey
- Track turtle stock and feed rates, and
- Carry out the reporting

On September 10, 2014, the Water Authority confirmed in writing that "the October 31, 2014, six month milestone of the Waste Reduction Plan can be met by Company submitting to Water Authority for review, a final draft RFP for a performance based treatment system". The Company would be deemed to have met the requirement for phase #2 in respect of the "Waste Reduction Plan", provided that by October 31, 2015, (end date of phase #2) the Company submits to the Water Authority a complete RFP for the system to extract waste.

We submitted the full RFP to the Water Authority by the specified deadline, and we wrote that RFP making use of the relevant FIDIC template<sup>8</sup>. There now remains somewhat of a risk however because:

- The Water Authority has to date not been able to approve the RFP. Anecdotally we believe that in some aspects beyond our control as to the national infrastructure in which the extracted sludge would be treated, it is likely that the volume needing to be treated is simply not feasible in our island.
- Whether it was for that reason or some other, the criterion of subsequent checkpoints that relate to procurement and implementation of the plant that was the subject of the

---

<sup>7</sup> Much of the Information in this section is extracted from Note 17 of the Financial Statements.

<sup>8</sup> FIDIC is the International Federation of Consulting Engineers: <http://fidic.org/>

RFP, obviously could not be fulfilled without the required approval of the Water Authority and furthermore it appears that subsequent to implementation, the logistics of operation would in any case have resulted in requirements for which it is most likely not going to be feasible for the national infrastructure to accommodate.

Risk Mitigation: This risk in relation to the Water Authority has been mitigated as follows:

- When the Marine Discharge Permit was coming up to its expiry date, the Company filed the application for renewal of the Permit. To date the Water Authority and its regulatory successor, OfReg has neither refused nor issued a new Permit.
- In our original discussions leading up to the issue of our last License, we had suggested quite a different approach for handling the outflow water and for which the engineering appeared more feasible.
- In the meantime, the Company continues to cooperate well with the Water Authority in the other elements of compliance with the Marine Discharge Permit. The Company funded the video transects to create the benthic survey, and the Company continues to regularly submit the water samples as required for monitoring parameters of the discharge water.
  - It should be noted that the video transects that we have seen to date, do not indicate that the outflow is causing a progressively worsening situation. To the contrary, anecdotal evidence from the management of a nearby dive site suggests that the nutrients in the outflow may actually help considerably in attracting fish and other marine wildlife to the area which in turn helps to maintain the dive site's reputation as one of the best shore dives on the island.
- Therefore, we consider that if the good spirit of cooperation and the practice of pragmatic approaches that have characterized the Company's relationships with the Water Authority to date are continued, this risk can be mitigated. There does not appear to be a compelling case for urgency and so there is a positive outlook that eventually whatever is done in respect of the Permit issuing, the way ahead can be feasible and sensibly "beneficial to all concerned."
- In summary therefore in light of what we have observed in the approach the Water Authority has taken, we do not perceive this to be a large risk but rather we have included it for the sake of completeness and disclosure to our Shareholder.

#### **National Conservation Council and Department of Environment**

This Council, which is appointed by the Governor in Cabinet and empowered by the new National Conservation Law (NCL), has now been given sweeping powers by the recent coming into force of various Sections of the NCL. That has the potential to present large risks to the survival and success of the Company if there emerges "regulatory activism" and if "ideologues" are allowed to set or influence the agenda. There are various sections of the NCL that if not properly handled and sensibly administered by this Council, or by the leadership of the Department of Environment as delegated by the Council under the NCL, could be disruptive to our operations, damaging to our business prospects and hazardous to our success in fulfilling our mission.

Risk Mitigation: The primary channel of compliance risk mitigation in relation to the NCC, rests with the Governor in Cabinet. Whereas the NCL makes provision for the Cabinet to



have the power to mitigate such risks, for example by giving “directions” to the NCC, to date it appears that few if any of those needed “directions” have been effectively given. During the year there has been evidence of possible risks of “regulatory overreach” by the DoE leadership. In addition, the DoE leadership has made statements which reveal a tendency toward being influenced by “perceptions” especially of persons or organizations based overseas, whereas our senior management insist that policymaking should be evidence-based and science-led. This regulatory risk therefore requires further attention by the Cabinet in order to avoid such risks arising and propagating to the detriment of our Company and its beneficial impacts in our nation-building, and thereby Cabinet will need to direct these entities toward outcomes that are ultimately sensible, evidence-based and to the national benefit.

## **ACTUAL LOSSES/DAMAGES, Write-offs, and related Payouts**

There were no material losses, damages claimed, write-offs or related payouts required for the financial year ended 31<sup>st</sup> December 2017. However, in January 2018, anomalies in certain cash balances/transactions were identified. The Company engaged legal counsel and an independent forensic firm to investigate historical cash transactions. This uncovered missing cash of CI\$324,390 which was provided for in the period ended December 31, 2017 (Note 18 in the audited financial statements). The Company took remedial actions with respect to this matter, some of which are ongoing.

## **FINANCIAL PERFORMANCE and ANALYSIS**

The achievements against the key performance targets, strategic goals and objectives (from an ownership perspective) for The Cayman Turtle Conservation and Education Centre Ltd set for the 18-month fiscal period ended 31<sup>st</sup> December 2017 are shown on p.23 and following pages.

## **FORWARD-LOOKING**

The Company’s *Strategic Goals & Objectives* have been set out in the *Ownership Agreement Between the Cayman Islands Government and Cayman Turtle Conservation and Education Centre Limited for the 2018 Financial Year Ending 31 December 2018 and the 2019 Financial Year Ending 31 December 2019*.

## **APPENDICES**

### ***APPENDIX 1. Audited Financial Statements of the Company***

The Financial Statements are attached in a separate signed PDF document format. This audit was performed by KPMG and the Office of the Auditor General, with the unqualified Audit Opinion issued jointly by both of those auditors.

---



**CAYMAN TURTLE CENTRE**  
**ISLAND WILDLIFE ENCOUNTER**



786 Northwest Point Rd  
PO Box 812, KY1-1303  
Grand Cayman, Cayman Islands  
345-949-3894

[www.turtle.ky](http://www.turtle.ky) | [www.caymanturtles.com](http://www.caymanturtles.com)