

greenvi

Annual Report May 2018 - April 2019

for a greener, cleaner, healthier BVI | greenvi.org



#### Executive Director's Letter



Green VI is proud to present our Annual Re- through our BugOut project. Through educaport for the 2018/2019 financial year. Although the recovery journey since the major storms of 2017 is challenging, we now have living, directly engaging 5661 people. the opportunity to overhaul systems and help rebuild the beautiful BVI with vision and wisdom. As Maya Angelou said: "When we know better, we do better." This report highlights our major achievements in education, waste, energy and water over the past year, as we create systems to reduce and upcycle our waste, create our own energy and grow our own food.

Our work toward a ground-breaking Materials Management System that redefines waste as a resource continues in earnest, and we've expanded our WE RECYCLE Programme from Virgin Gorda to Tortola. Building a new, national system is remarkably challenging. We are confident that - with collaboration amona Communities, Non-Profits, Government and Private Business - we will succeed in instituting Reduce, Reuse, Recycle and Upcycle strategies. By the end of April 2019, 40.7 tons were exported for recycling with an additional 16.6 tons upcycled for on-island applications.

Our Innovative Action projects target all sectors and include powerful programmes such as: engaging 37 businesses in Green Certification, facilitating 5 School Gardens and re- Charlotte McDevitt ducing mosquito breeding sites by 50% Executive Director, Green VI

tion and action, we are catalysing positive behavioural changes critical to sustainable

The BVI is blessed with abundant sunshine and the trade winds. With these God-given gifts, we can create our own clean energy and reduce our carbon emissions. Our Grid Tie project at the Youth Empowerment Project is demonstrating how clean renewable energy is within easy reach, and our electric car is a good example of better alternatives.

Having experienced first-hand the impact of climate change with Category 5 hurricane Irma, our commitment to environmental betterment is stronger than ever. We sincerely thank our sponsors and partners, who provide the means for this success. By continuing to work together, we can reach the greatergood goal of a "responsibly green" BVI, and set an example for others in the world.

Please read, enjoy and share this brief Annual Report, which contains links to further reading. Of course, more information is always available at greenvi.org.

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## WASTE / MATERIALS

## Research & Advocacy

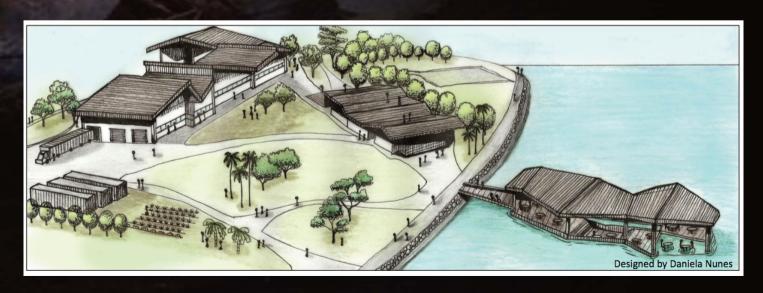
The BVI Government is now drafting legislation based, in part, on two Green VI Briefing Waste Management practices: a Container Deposit Bill and a Ban on Plastics (such as disposable food-ware and bags). A ban on plastics, and a concurrent import duty exemption for eco-friendly alternatives, will formation, data and local insight.

BVI Waste Management is at a critical juncture. Waste volumes continue to increase - as Notes and recommendations for long term does territory-wide open burning - and 2017 storm debris is still a concern. Additionally, a disabling incinerator explosion, issues with private recyclers and no significant government waste management budget increases, have exacerbated these problems. Despite these significantly reduce plastic pollution in the difficulties, we remain optimistic that, through BVI. Green VI has also contributed to the collaboration and innovation, solutions can be BVI Solid Waste Management Plan with in- found, and the BVI can become a centre of excellence in Materials Management.

## EcoPark

All our Materials Management work is geared to reach our ultimate goal of establishing EcoParks, which will:

- use waste as a resource to create local products and businesses
- incorporate alternative farming methods
- test best practices in Materials Recovery
- run off renewable energy sources
- provide a regional model for Climate Change efforts



## PARTNERSHIP DEVELOPMENT

#### Local

as for our School Gardens, with the to be trained by Green VI.

Green VI signed a Memorandum of Ministry of Education & Agriculture. Understanding (MoU) with the Ministry Also, we have been asked by the of Health & Social Development on Deputy Governor to guide the 12th April 2019 that outlines a partner- "green" component of the Strategic ship that will guide recycling in the BVI. Policy for the BVI Public Service Trans-Additional MoU's are pending with the formation. This will be implemented BVI Government for the expansion of through our Green Certification Pro-Green VI's BugOut Programme to Tor- gramme and the appointment of a tola with the Ministry of Health, as well "Green Officer" in the public service

#### **International**

Green VI attended the following international conferences to explore partnerships and information-sharing opportunities:

- Clinton Global Initiative
- Edible Schoolyard Academy
- **Ecological Farming Conference**
- Food Systems Transition Conference



Photo Credit GIS





#### Recycling **Equipment**

The necessary recycling equipment is already on Virgin Gorda. A Baler, which compacts recyclables for export, will arrive on Tortola in September 2019, and procurement of a Glass Imploder for Tortola is projected for 2020. Organics Management and research to support the EcoPark are also scheduled for 2020.

#### Recycling & Diversion

40.7 tons of recyclables and Irma debris have been exported through the WE RECY-CLE programme and 370 cubic yards of alass, aluminium and plastics are being temporarily stockpiled until Test Recycling Centres are in place at the end of 2019. Until on-island uses are fully developed, aluminium and PET plastics will be shipped off-island for recycling.

#### Upcycling

Upcycling is the reuse of material to create a product of higher quality or value than the original. Our recycling bins are made by local craftspeople from upcycled shipping pallets. The branding and detailing of the bins provides a powerful engagement opportunity for youth volunteers and visibility for project partners. 13 tons of glass has been upcycled to make aggregate by two private entrepreneurs, Greencrete and Green & Clean VI Ltd., and 3.7 tons of certain plastics are being transformed on-island by VI Plastics to make polywood and furniture.

#### We Recycle

The WE RECYCLE Programme, begun in 2016 as the Virgin Gorda Recycling Project, is now expanding to Tortola. Public participation is strong and growing, with broad-based appreciation that WE RECYCLE provides a way for individuals and businesses to play an active role in waste management solutions.

#### **Download Green VI's Recycle App**





## INNOVATIO











## Green Certification

Developed in partnership with the Ministry of • Reduce, reuse and recycle waste materials Natural Resources, the Green Certification • Mandate best green practices for their programme incentivizes and guides waste, water and energy reduction and provides • Afford time for staff/management green sustainability education for businesses and professionals. The programme will also guide • Advocate best green practices for the the "green" component of the Strategic Policy for the BVI Public Service Transformation, and provide critical financial support to en- In return, Green VI and the Ministry commit to vironmental betterment through its Green Fund component.

With thirty seven BVI companies engaged, we are well on our way to reaching our goal of • Recycling Bins & collections fifty pioneer members. In signing the Green Certification Commitment, members accept their "corporate environmental responsibility" and pledge to take these actions:

- operations

recognizing and highlighting these efforts and providina:

- Green training and BVI environmental education
- Delivery of recyclables to processors
- Green Leadership opportunities

## Green Fund

Based on the number of employees and individual corporate preferences, Green Certification members also commit to regular financial contributions to support the greening of the BVI. The goal is to develop an income of \$500,000 per year through the Green Fund. As of the end of April 2019, the following businesses have begun monthly contributions to the Green Fund:



















## BugOut







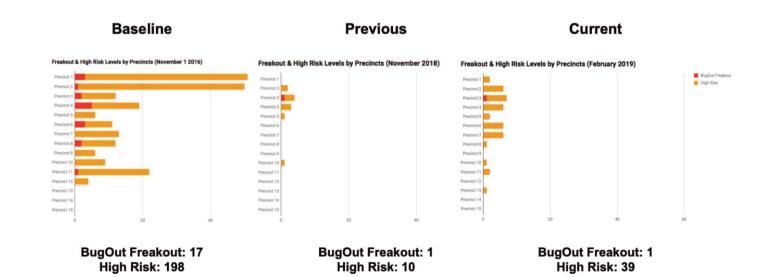




BugOut is a community-driven initiative on Vir- We are working closely with the BVI Governgin Gorda to reduce mosquitoes that cause ment to roll out a BugOut pilot on Tortola, Zika, dengue, and chikungunya. We partner with the community to clean-up breeding sites and remove standing water. Our Vector Con
• Share best practices, lessons learned trol Officers (VCOs) use technology and envi
• Train government staff in the BugOut model ronmentally safe mosquito control methods to • Explore long term funding mechanisms survey, monitor, collect data and control mosquito populations. The BugOut programme is effective, low cost, and resilient.

funded by the Pan African Health Organisation. The aim of the pilot is to:

- Normalize protocols for reporting mosquitorelated diseases locally, regionally and internationally



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#### **School Gardens**

Green VI's Garden Projects foster a green, clean, healthy and sustainable BVI through gardening and composting in our schools and communities. Through this project, we have built relationships and gardens that cultivate positivity, beauty, connection, food security and a new kind of learning for our schools. We are proud to have had our 40+ lesson plans adopted into the BVI National tegration in the coming years.

Working in partnership, we have implemented five school gardens across two islands; Francis Lettsome, Bregado Flax,

Ebenezer Thomas, Joyce Samuels and Leonora Delville Primary Schools.

The past year's greatest achievements have been the changes in the students' relationship with the natural world and their increased selfconfidence, independent thinking, mindfulness and teamwork. We diverted organic waste, removed the "yuck" stigma about compost and Curriculum and will focus on increased in- lost fear/found interest regarding insects. Students are using real tools, growing real food, and being conscious about what we eat, drink and throw away. In this way, they understand they have power over their own lives and can make responsible decisions.

#### **Composting Workshops**

Organics management (composting) is an easy, effective way to reduce the 40-50% of materials currently landfilled or incinerated. Eight interactive Community Composting Workshops, which included building composting bins, were held on Virgin Gorda and Tortola in March 2019, along with a Farmers Composting Workshop and a Government Organics Management Workshop.

Composting Workshops yielded important information of how organic compost:

- Significantly decreases waste incinerated or dumped by almost 50%
- Does not have to be imported and can be made locally
- Can be used as fill material to reduce risk of fires at dumpsites
- Can be used for erosion control

## IMPACT



P4.88 Reduction in high risk mosquito breeding parcels (Virgin Gorda)

50% Island wide decrease of breeding sites (Virgin Gorda)



37 Green Certification Businesses

2356 Individuals Trained



5 School Gardens

Composting workshops

## EDUCATION

## **Earth Week**

Green VI continues to join the world-wide celebration of Earth Day to highlight all things "green." This year, we facilitated "Earth Week", working with project partners Sail Caribbean Divers, Wombles, DWM, ARK, UNITE BVI, and City Manager's Office. These partnerships resulted in three events: "Blue Green Beach Day" and "Go Green Fair" and support for a Josiah's Bay Surf School event.

## Clean Ups

We support organisations wanting to facilitate local Clean Ups by providing tips, technical support and equipment. Monthly Clean Ups continue on Virgin Gorda, as the community is actively involved in removing litter and debris, reducing mosquito breeding sites and recycling.



Facilitated by Green VI, the Road Town Clean Up on May 26th, in partnership with DWM, Wombles, Unite BVI, BVI Tourist Board and the City Manager's Office, activated over 200 people and improved the appearance of the capital.



#### **Curriculum Development**

Local Lesson Plans have been developed for waste and water management. Our Garden Lesson Plans have been incorporated into the BVI National Curriculum. The Garden lesson plans aim to utilize our school gardens as classrooms to connect the natural world to core academic subjects such as math, science and English.



#### **Scripts and Presentations**

Materials on waste, climate change and sustainability have been developed and contain local information and statistics.



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#### Door-to-Door Programme

Nothing is more powerful than one-on-one interaction. The investment of time to reach out to community members is worth every second, as we work together to solve problems.

#### **Field Trips**

We learn by doing and experiencing. Field trips and hands-on learning deepen our understanding of what needs to be done and why.



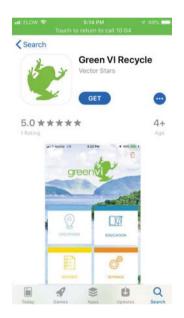
Green VI facilitated a Plastic Reduction Session for the Department of Youth Affairs Blue Planet Programme. Students collected water samples to test for plastics in BVI waters, and explored plastic reduction strategies.

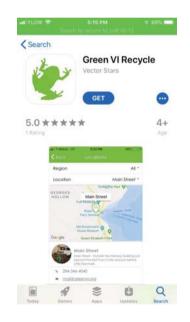


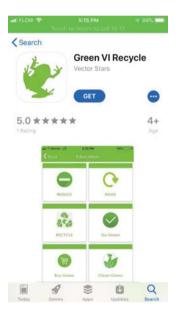


#### Green VI Website & App

Our new website will integrate Key Performance Indicators measured through our App. Green VI's App can be downloaded from the Apple Store or Google Play and maps Recycling Points and what can be recycled at each. The Education section includes tips on how to "Go Green" in the BVI. The locations of our Garden Projects and Green Businesses will be available early in 2020.







#### **Publications**

Property & Yacht Guide September 2018 Reduce

Property & Yacht Guide October 2018 Reuse

Property & Yacht Guide November 2019 Recycle

#### Social Media

We use social media as an effective strategy for connecting with a broad range of population demographics.





#### Signage

Indoor and outdoor signage has been designed for installation at all public WE RECYCLE collection points.





3305 Engagements

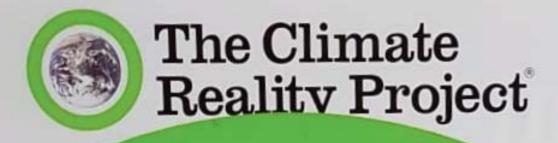
3010 Social Media Reach

garden lesson plans incorporated into National Curriculum

26 Clean Ups

Knowledge, Attitude & Perception Surveys (Virgin Gorda)

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## Training & Advocacy



## ENERGY Grid Tie Pilot

Through Green VI's partnership with ATEC Engineering and our donor network, 30 solar panels were installed at YEP (Youth Empowerment Programme) and tied to the Territory's electricity supply, so that power generated will be fed into the grid. We anticipate that YEP will be running primarily off renewables in late 2019. This is a huge step toward widespread use of renewable energy in the BVI. The incorporation of solar technology into the BVI's energy profile will boost the economy, provide energy assurance, and decrease our carbon footprint and dependence on imported fuel. The expansion of the solar industry also opens up new training opportunities, career fields (consulting, installation, maintenance, and repair), earning capabilities and opportunities to actively participate in Climate Change solutions.



## Electric Car

Electric cars reduce carbon emissions that cause Climate Change. Green VI's bright red electric car on Virgin Gorda catches the eye and clearly demonstrates zero emission success - plus big reductions in running costs. Our Nissan Leaf runs solely on electricity and doesn't need any gas or oil. Take a look - no exhaust smoke! We spend less than \$20USD per month to power our car - simply plugging it into an electric outlet to charge - and maintenance is minimal. We'll run it off of solar panels soon and - yet another big plus - it's quiet.







## Water Generator

Green VI has piloted a water generator at Bregado Flax Primary School, which converts moisture in the air to cold, clean drinking water for students. Coupled with this, students were given reusable water bottles, thereby decreasing the use of single use plastic bottles on Virgin Gorda.



## NEXT STEPS

### **EcoPark**



Following our Darwin proposals developed in 2013, we continue to work toward developing an EcoPark on Tortola. The EcoPark will be designed to support a hub of environmental, entrepreneurial activities and will feature:

- A Recycling Centre
- Green VI's Glass Studio
- Alternative Farming Methods
- Small Businesses using waste as a resource to create local products
- Rainwater Harvesting and Water Generation
- A Welcome Centre
- Tours and Demonstrations for Residents and Visitors

As a first operational step for the EcoPark, Green VI will install and temporarily operate Test Recycling Centres on Virgin Gorda and Tortola.

#### \$1.5M will fund the Tortola EcoPark

Test Recycling Centres



Equipment to process plastic and aluminium collected by the WE RECYCLE programme will soon be in situ on both Tortola and Virgin Gorda at the Test Recycling Centres. The Test Recycling Centres will bridge the gap between now and when Government implements their new Waste Management Systems across the BVI according to the new Solid Waste Management Strategy. The Test Recycling Centres will provide important data, such as volumes of recyclables, markets, values, challenges and costs and will be shared with the Ministry of Health.

\$370K need for VG Test Recycling Centre (\$355K secured) \$300K need for Tortola Test Recycling Centre (\$510K secured)

## Green Certification & Green Fund Expansion

Our goals are to complete the enrollment of 50 pioneer businesses and build the Green Fund to a \$500,000 per year income to support Green Certification obligations and community education. In addition, we will work to implement the "greening" of the Public Service Transformation project.

### \$60K will fund Green Certification & Green Fund Expansion (\$90K secured)





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## Glass Studio Relocation

Green VI's Glass Studio project is a powerful demonstration of innovation and sustainability in action and brings together all of our focus areas:

- Solid Waste is converted to raw material inputs and renewable energy
- Sewage and manure are well-managed and converted to energy
- Water pollution is lessened with sewage and manure management
- On-site demonstration of the process provides valuable public education

Due to the impact of the 2017 hurricanes, the rebuilding of The Glass Studio has been on hold. We plan to be "hot" - with a bio-fuelled furnace - in 2021, and will derive all raw materials and inputs from "waste" streams. The first phase of rebuilding The Glass Studio will be the construction of an Anaerobic Digester.

\$ 450K will fund building and operating for 2 years





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## **Anaerobic Digestion**

At Green VI, we choose to view a problem as an opportunity, and so our next exciting project is to design, test and implement an Anaerobic Digester that can convert a mixture of organic waste, sewage, and possibly Sargassum, into methane - a form of energy that is perfect for powering The Glass Studio furnace. Our new location will have the space and support needed to demonstrate this remarkable transformation of a waste stream into renewable energy.

\$60K will fully fund the anaerobic digester (\$70K secured)

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#### **School Gardens**

Our school gardens will be expanded and enriched, community outreach further developed, Lesson Plans updated and best practices in marketing excess produce incorporated.

#### \$35K will fund four School Garden Classrooms



#### **School Recycling Programme**

The We Recycle School Programme will incorporate experiential lesson plans on Reduce, Reuse and Recycle and a monitored recycling system will be implemented.

#### \$14K will fund one school per year

#### **Farmpod**

Working with local farmers, we will demonstrate alternative farming methods by procuring a Farmpod to facilitate Hydroponics and Aquaponics. An additional benefit of FarmPods is their ability to provide water to an acre of land.



\$70K will fund the Farmpod Farmer Collaborative

## BugOut Expansion

The Department of Environmental Health and Green VI's BugOut Team are partnering to expand the BUGOUT methodologies beginning with a pilot in East End. The joint team will collect, aggregate, analyze, and report key vector-related indices, metrics, outcomes, and data, including any new data inputs not currently measured by government. This information will be used to make informed decisions regarding how best to reduce disease-carrying mosquitoes in the Territory.



#### \$190K will fund BugOut Expansion BVI

## Renewable Energy Demonstration

Green VI will share data from the YEP pilot and continue to demonstrate alternative renewable energy technologies.



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## Appreciation

None of this important work is possible without family, friends, volunteers, individuals and organisations who give their time, encouragement, wisdom, skills, resources, respect and love. With sincere gratitude, we thank those whose generosity of spirit help us advance environmental sustainability in the beautiful BVI.





# 2020 FUNDING Greenvi.org OPPORTUNITIES

#### Tortola EcoPark \$1.5M TOTAL

\$1.5M NEED

\$520K Infrastructure \$600K Equipment

\$380K Operations

#### Tortola Test Recycling Centre \$810K TOTAL

\$300K NEED

\$130K Recycling Equipment

\$115K Government Commitment

\$75K Donor Funded

\$190K Green Fund Allocation

#### **VG Test Recycling Centre \$725K TOTAL**

**\$370K NEED** 

\$190K Recycling Equipment

\$85K BVI Government Commitment

\$80K Green Fund Allocation

#### Glass Studio \$450K TOTAL

\$200K Equipment \$250K Start Up **\$450K NEED** 

#### **Anaerobic Digester \$130K TOTAL**

\$70K Donor Funded

#### **Green Certification Expansion \$150K TOTAL**

**\$60K NEED** 

**\$60K NEED** 

\$190K NEED

**\$70K NEED** 

\$35K NEED

\$14K NEED

\$10K NEED

\$90K Green Fund Allocation

#### **BugOut Expansion BVI \$640K TOTAL**

\$100K Donor Funded

\$350K Government Commitment

#### Farmpod Farmer Collaborative \$70K TOTAL

\$55K Infrastructure

\$10K Training

\$5K Set up

#### School Garden Projects \$35K TOTAL

\$5K Joyce Samuels, Bellevue, Tortola

\$10K Ebenezer Thomas, Sea Cows Bay, Tortola \$10K Breaado Flax, The Valley, Virain Gorda

\$10K Ivan Dawson, Cane Garden Bay, Tortola

#### School Recycling System for 1 year \$14K TOTAL

\$3K Bins

\$4K Education

\$6K Collections

\$1K Maintenance

#### Compost & Garden Programme \$10K TOTAL

\$5K Training

\$4K Workshops

\$1K Materials















### CADA Community Agency on Drugs & Addiction





Mark Chapman

Muriel Thompson









Caribbean Insurers Ltd.



Kaleidoscope Productions, Robin Crabbe, Earth Culture, BVI Red Cross, Franklyn Penn aka Rasta, L & S Garage Rental

## PARTNERS













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#### Meet the Team

#### **Board of Directors**



#### Abigail O'Neal

is a BVI entrepreneur who is an innovator in the development of the BVI's green economy. Prior to forming Green Technology (BVI) Ltd and WasteNot, two environmentally conscious companies in the BVI, Abigail was the Digital Marketing Manager for the BVI Tourist Board for 10 years. In addition, Abigail currently serves as the Head of Acquisition and Development and a Director of Chrisneal

Limited and acts as a Director of Ralph O'Neal Business Services Ltd. When not focused on her business interests, Abigail is an active member of the Rotary Club of Tortola, a Director of Kids and the Sea (KATS) a non-profit organization that teaches children basic sea safety skills and she is the Lead Organizer of TEDxRoadTown with the goal of bringing uplifting new ideas to the BVI community.



#### Dylan Penn

was born and raised in the beautiful Virgin Islands and formally educated at both home and abroad in the U.S and the U.K., Dylan has many passions, including the natural environment and music and has pursued a career in Planning and Environmental Management. His love for the marine environment has led him to become a certified SCUBA Diver, boat captain, and general

water-sports enthusiast. He is a member of Virgin Islands Search and Rescue and continues on the path towards becoming an internationally accredited sailor. Dylan is always open to new adventures along his career path, especially if it deals with environmental management and the marine industry.



#### Henry Creque

is an electrical engineer who has worked at the BVI Electricity Corporation in various capacities up to and including Deputy General Manager & Acting General Manager / CEO for over 27 years. He is also an active member of several community betterment groups. Henry combines his extensive experience and knowledge of the BVI's electrical energy sector with an intense dedication

to the protection of our Territory's beautiful natural surroundings, and a firm commitment to promoting economically and environmentally sound solutions.



#### Kareem Rhymer

working with his wife and brother, established Myett's Restaurant in beautiful Cane Garden Bay in 1992. The small restaurant & bar enjoyed immediate success and gained a reputation from tourists and locals alike as being one of the best in the Caribbean. Born in Cane Garden Bay, Kareem ventured from his tiny village to study and work, spending many years in San Francisco. Kareem

agreed to sit on the Green VI Board because of his passion for conserving the environment of the BVI. He would like future generations to experience the beauty of the islands, as he did while growing up in these idyllic settings.



#### Dr. Ronald Georges

is the Chief Executive Officer at the BVI Health Services Authority and has over 21 years of experience in health and education. He understands the critical link between human health and a healthy environment. Dr. Georges graduated in 1996 from the University of the West Indies, Mt. Hope Medical School in Trinidad with a MBBS where his focus was on Medicine and Surgery. He holds

an MSc Public Health in Developing Countries, focusing on Epidemiology and Disease Control and an MSc in Health Services Management from London School of Hygiene and Tropical Medicine (University of London). He is currently working on a doctorate in Public Health Leadership at the University of the West Indies, Department of Psychiatry and Community Health, Mona Campus.



#### Vanessa King

is Managing Partner and head of O'Neal Webster's Commercial Department. Her practice focuses principally on Trusts, Banking and Finance, and Corporate and Commercial Law. She currently serves as Chair of the Society of Trust & Estate Practitioners (STEP BVI) and is the recipient of their prestigious ninth annual Founder's Award. Vanessa is also a member of the BVI Financial Services Institute

Advisory Council, the BVI Bar Association, and the Financial Services Business Development Committee of the Premier's Office. In 2017 she was elected to serve a three-year term on the BVI Finance Limited Board of Directors. A member of the BVI Red Cross Executive Committee, she now joins Green VI's Board because she'd like her child to experience the joy of the natural environment as she did when growing up.



Charlotte McDevitt

**Executive Director** 

previously worked for the Waste Management Department for the City of Cape Town in South Africa, where her main focus was the development, implementation and monitoring of educational strategies to reduce litter and illegal dumping and the reduction of waste going to landfills. Charlotte's Masters in

Industrial Administration (University of Cape Town) was based on an exploration of waste reduction and resource management in the BVI. Charlotte founded Green VI in November 2009.



Sarah Penney

Deputy Director/ Recycling Manager

As a citizen of the BVI, Sarah takes the collective responsibility for the well-being and development of the Territory to heart. She channels her energy, know-how and connections to essential civil society organisations, and ardently cultivates the Performing Arts. In addition, she has provided operations management to

the finance industry for ten years. Sarah's cultural and social immersion in the BVI translates to a valuable working knowledge of the landscape, and her studies in the USA and Europe - where she earned degrees in International Government and Theatre Arts - have strengthened her natural ability to find alternative approaches to challenges and innovative strategies for success.



Sally Ann Riley
Virgin Gorda Project Manager

With over 25 years working experience in audit, accounting and business advisory services, Sally is Bug Out's most re-cent recruit, joining as VG Project Manager in March 2017. A Chartered Accountant by profession, with a strong interest in the environment, she has worked with a variety of entities - including

start-ups and not-for- profits - on three Caribbean islands. This Barbadian native, wife, mum, positive community promoter, Lenny Kravitz fan and Serena Williams wannabe is actively pursuing her Brown Belt in Martial Arts.



Rosemary Delaney Smith

Tortola Project Manager

Rosemary is pleased to have the opportunity to work alongside the talented and committed members of the Green VI family and the community (local and international) towards achieving a more entrepreneurial, innovative, forward

planning, solution oriented community which is a model for sustainable development and which demonstrates best practices in the management of waste, water and energy.



Greg George

Virgin Gorda Outreach Director

Passionate about the cross, his country and his community, Pastor Gregory Alvino George, a native Virgin Islander, is married with three children and is an entrepreneur and community activist at heart. A Ministerial Studies graduate of Hobe Sound Bible College, with a minor in Counseling, he has served in mini-

stry for over eleven years. He is also a licensed commercial pilot. As Community Engagement Director of Green VI, he leads the charge in educating the Virgin Gorda community on the critical importance of reducing, reusing and recycling.

#### GREEN VI Team



Nea Talbot

Garden Coordinator

Nea was born on Tortola, B.V.I. and has worked in both agriculture and education in our territory. After pursuing a B.Sc. in Sustainable Development and Agroecology at Appalachian State University in North Carolina, she returned home, established a small family farm and began teaching at the Primary level.

She has expanded Full Belly Farm to provide more local, organic produce to our territory and feels blessed to be part of the Green VI team as Garden Project Coordinator, fulfilling her dream of bringing together children, education and agriculture in the BVI.



James Alexander

Vector Control officer

From beautiful Dominica and affectionately known as Uncle Sam, music is James' life and passion, and he has been a music teacher for over 20 years. He receives a great sense of satisfaction and pride seeing his students succeed.

James feels this same sense of accomplishment with the BugOut! Programme. He loves Virgin Gorda and gives 101% to ensure that this community wins the fight against mosquitoes.



#### Vernessa Bellot

Vector Control officer

Vernessa Bellot is a Dominican national, and has been residing in the BVI for over fifteen years. Her educational background includes studies in Civil & Environmental Engineering, Geography and Environmental Management. She is also a trained educator. Her interests include environmental conservation and

education, and her keen interest in sustainable living makes her passionate about performing her job in an enthusiastic manner.



#### Sophia Alexander

Administrator

Sophia Alexander hails from beautiful St Lucia, holds a diploma in Business Administration, and is completing a degree in Accounting. Sophia provides administrative and operational support for Bugout!. She believes that educating people about the three R's is paramount and that recycling must become our

everyday lifestyle, as only then will we begin to see a greener, healthier earth. The earth is a precious gift, Cherish it!

#### Advisors



#### Joanne Penney

arrived in Tortola 40 years ago as delivery crew on a sailboat, having left her post as Communications Editor for a NYSE firm in Boston. Her BVI community work includes founding/directing the Community Agency on Drugs & Add-

iction (CADA), The Cada Players Drama Group, and (with daughter Sarah) Firebird Performing Arts. She has served the Girl Guides, Crisis Intervention Team and other greater good organisations, chaired the National Drug Advisory Council and presented to the UN General Assembly. Joanne has mentored Green VI since its founding, and considers it a privilege to be able to help with this very important "best practice" work.



#### Danica Zupic

is the Executive Director of the Faile Foundation. She earned her Master's of Science in Natural Resource and Environmental Management from the University of Hawaii at Manoa in 2011. Dani worked as an Education Fellow for the National Oceanic and Atmos-pheric Administration's Bay Watershed Education

tion and Training Program, which focused on outdoor education programs for kindergarten through high school seniors and training for teachers in the Hawaiian Islands. She has also worked with several watershed focused projects on coast-lines in the United States, and with island communities in St. Croix USVI.



#### Michael Jooste

is the Executive Director of VectorStars, a USA non-government organisation that develops innovative systems, technologies, and models for empowering communities to build scalable, autonomous and sustainable initiatives worldwide. He serves in several key leadership and advisory roles in the fields of en-

trepreneurship, clean-tech, and humanitarian emergency response and management, and is a graduate of the University of Washington's Foster School of Business. While a student at the UW, he launched a company that brought sustainable energy to rural Africa, which kick-started

#### Advisors



#### Elizabeth Cox

his interest in working with rural, remote, and underserved communities. is a nonprofit leadership and fundraising consultant who believes strategic planning and implementation is the best way to effect social change that creates a better world. After careers as an ed-ucator, advocate and nonprofit

executive director, her work now fo- cuses on environmental, social justice and poverty issues. A Philanthropic Advisor to family foundations and the nonprofits they fund, Elizabeth specializes in planning for sustainability and capacity building. This work led to her involvement with Green VI since 2014. She is a Certified FundRaising Executive (CFRE), has a certificate in fundraising management from The Center of Philanthropy at Indiana University, and a Master's Degree in Public Administration from the University of South Florida.



#### Mark Litchenstein

Mark is the Chief of Staff and the Chief Sustainability Officer at the State University of New York. Mark was the President for the National Recycling Coalition for eight years and his expertise include accelerating solutions to climate change, adaptive and regenerative communities, collaborative governance and problem solving, conflict resolution, disaster response and recovery, envi-

ronmental justice and protection, interest-based negotiation, the "next" economy (green, circular), organizational development and leadership, resiliency, social equity and inclusion, the sustainable management of discarded materials, and sustainable financing solutions. He abides by the Haudenosaunee guiding principle of seven generations thinking.



#### LeeLou Gordon Fox

Leelou Gordon-Fox grew up on Tortola and is currently studying International Environmental Law and Agroecology in the USA. She has helped organize various food justice initiatives, for example the food access program 'Share the Harvest' in Maine, and is a member of the climate justice organization [Earth], with whom she attends the yearly UN Climate Change conferences. She also

works on an organic farm in the USA and spends her free time doing creative activist projects, such as giant puppet building or zine publishing.

Green (V.I.) Inc.

Financial Statements for the year ended April 30, 2019 and Independent Auditor's Report

### Green (V.I.) Inc. TABLE OF CONTENTS AND DIRECTORS YEAR ENDED APRIL 30, 2019

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#### **DIRECTORS**

Abigail O'Neal

Charlotte McDevitt

Kareem Rhymer

Henry Creque

Vanessa King (appointed May 8, 2018)

Dylan Penn (appointed 23 August 2018)

Ronald Georges (appointed 23 August 2018)

MARK CHAPMAN FCA Vagabonds House Road Town, Tortola British Virgin Islands

#### INDEPENDENT AUDITOR'S REPORT To the Members of: Green (V.I.) Inc.

I have audited the accompanying financial statements of Green (V.I.) Inc. which comprise the statement of financial position as at April 30, 2019 and the statement of comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with International Financial Reporting Standard for Small and Medium-sized Entities. This responsibility includes designing, implementing and maintaining internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error and for selecting and applying appropriate accounting policies and making accounting estimates that are reasonable in the circumstances.

#### Auditor's responsibility

My responsibility is to express an opinion on these financial statements based on my audit. I conducted my audit in accordance with International Standards on Auditing. Those Standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my audit opinion.

#### Opinion

In my opinion, the accompanying financial statements present fairly, in all material respects, the financial position of Green (V.I.) Inc., as at April 30, 2019 and its financial performance and cash flows for the year then ended, in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities.

October 7, 2019 British Virgin Islands

#### GREEN (V.I.) INC. STATEMENT OF FINANCIAL POSITION AT APRIL 30, 2019

(Expressed in United States dollars)

	Note	2019	2018
ASSETS			
Non-current assets			
Property, plant and equipment	3	201,008	122,404
Total non-current assets		201,008	122,404
Current assets			
Loans receivable		27,532	42,525
Inventory		2,767	5,822
Accounts receivable		28,295	- 
Cash and cash equivalents		317,669	541,449
Total current assets		376,263	589,796
Total assets		\$ 577,271	\$ 712,200
EQUITY AND LIABILITIES			
Capital and reserves			
Members capital	4	5	5
Retained earnings		512,641	656,835
Total equity		512,646	656,840
Current liabilities			
Trade and other payables		18,771	9,506
Due to related parties	5	45,854	45,854
Total current liabilities		64,625	55,360
Total equity and liabilities		\$ 577,271	\$ 712,200

#### **APPROVED BY BOARD OF DIRECTORS:**

Director

October 7, 2019

See notes to the financial statements

- 2 -

## GREEN (V.I.) INC. STATEMENT OF COMPREHENSIVE INCOME FOR THE YEAR ENDED APRIL 30, 2019 (Expressed in United States dollars)

-	2019	2018
INCOME		
Donations	562,308	901,025
EXPENSES		
Training Materials and supplies Field vehicles expenses Rent  Collections Depreciation Freight and packaging Dues and licenses Bank charges Bank charges Bad debts Legal and professional fees Office expenses Public relations and marketing Travel and accommodation Salaries and benefits Renewable energy project Repairs and maintenance Mosquito control consumables Recycling consumables Donations Telecom and internet	57,748 56,631 4,413 11,100 19,000 48,027 5,723 2,075 3,506 - 20,677 1,104 35,864 15,442 360,920 44,935 8,354 31,262 2,620 825 4,191	28,735 3,636 6,390 250 - 29,583 1,456 3,358 2,065 - 20,400 135 1,299 6,534 284,742 - 950 - 2,913
(LOSS) FROM OPERATIONS FOR THE YEAR	(172,107)	508,579
OTHER INCOME AND EXPENSES		
Environmental Education Project Inventory loss during Hurricane Irma Loss on disposal of property, plant and equipment Green Fund contributions Equipment rental revenue Interest received Strategic Fund Development	2,230 135 (23,850) (17,658) (6) 11,235	(3,219) (3,696) - - - - (13,139)
NET OTHER INCOME FOR THE YEAR	(27,914)	(20,054)
NET (LOSS) FOR THE YEAR	\$ (144,194)	\$ 488,525

See notes to the financial statements

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## GREEN (V.I.) INC. STATEMENT OF CHANGES IN EQUITY FOR THE YEAR ENDED APRIL 30, 2019 (Expressed in United States dollars)

	Members capital	Retained earnings	Total equity
BALANCE AT MAY 1, 2017	5	168,310	168,315
Net income for the year		488,525	488,525
BALANCE AT APRIL 30, 2018	5	656,835	656,840
Net loss for the year		(144,194)	(144,194)
BALANCE AT APRIL 30, 2019	\$ 5	\$ 512,641	\$ 512,646

### GREEN (V.I.) INC. STATEMENT OF CASH FLOWS FOR THE YEAR ENDED APRIL 30, 2019

(Expressed in United States dollars)

	2019	2018
Cash flows from operating activities		
Net income for the year  Depreciation  Loss on disposal of property, plant & equipment	(144,194) 48,027 135	488,525 29,583 -
	(96,032)	518,108
Movements in working capital: Increase in loans receivable Increase in accounts receivable Decrease in prepaid expenses Decrease in inventory Increase in trade and other payables Decrease in due to related parties	14,993 (28,295) - 3,055 9,264	(37,525) - - 3,696 7,888 (10,159)
Net cash generated by operating activities	(982)	(36,100)
Cash flows from investing activities  Purchase of property, plant and equipment Disposal of property, plant and equipment	(126,766)	(71,662) -
Net cash generated from investing activities	(126,766)	(71,662)
Net increase in cash and cash equivalents  Cash and cash equivalents, beginning of the year	(223,780) 541,449	410,346 131,103
Cash and cash equivalents, end of the year	\$ 317,669	\$ 541,449

See notes to the financial statements

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Green (V.I.) Inc.
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED APRIL 30, 2019

#### 1. FORMATION AND ACTIVITY

Green (V.I.) Inc. (the "Company") was formed on October 9, 2009 as a company limited by guarantee under the BVI Business Companies Act 2004. The Company commenced operating in May 2010.

The Company's vision is a green, clean, healthy, and prosperous BVI, where the well-being of the people is of primary importance and a balance is maintained between conservation of the natural environment and development. As a not-for-profit organization, the Company's mission is to d demonstrate, facilitate and catalyse environmentally friendly systems through practical projects, education and innovation, with focus on waste, energy and water.

These financial statements were approved by the Board of Directors and authorised for issue on October 7, 2019.

#### 2. SIGNIFICANT ACCOUNTING POLICIES

#### Statement of compliance

The financial statements have been prepared in accordance with International Financial Reporting Standards for Small and Medium-sized Entities issued by the International Accounting Standards Board.

#### Basis of preparation

The financial statements have been prepared on the historical cost basis. Historical cost is generally based on the fair value of the consideration given in exchange for assets. The principle accounting policies are set out below. The Company has elected to present a single statement of comprehensive income. The Company does not have separate components of other comprehensive income and therefore comprehensive income is equal to profit/(loss) reported for all periods presented.

#### Use of estimates

The preparation of financial statements in conformity with International Financial Reporting Standards for Small and Medium-sized Entities requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of income and expenses during the reporting period. Actual amounts could differ from those estimates and the difference could be material.

#### Revenue and expense recognition

Revenue is measured at the fair value of the consideration received or receivable for goods and services provided in the normal course of business, net of discounts and sales related taxes.

### Green (V.I.) Inc. NOTES TO FINANCIAL STATEMENTS YEAR ENDED APRIL 30, 2019

#### Donations

Donations are recorded on a cash basis as they are received.

#### Government grants

Government grants are recognised only when there is reasonable assurance that the Company will comply with any conditions attached to the grant and that the grant will be received. It is recognised as income over the period necessary to match them with the related costs, for which they are intended to compensate, on a systematic basis.

#### Operating expenses

Operating expenses are recorded on the accrual basis as they are incurred.

#### Cash and cash equivalents

The Company considers all cash and bank accounts to be cash and cash equivalents given there are no restrictions on use.

#### Property, plant and equipment

Properties in the course of construction for production purposes are carried at cost, less any recognised impairment loss. Cost includes professional fees. Depreciation of these assets commences when the assets are ready for their intended use. Depreciation is charged so as to write off the cost or valuation of assets over their estimated useful lives. The estimated useful lives, residual values and depreciation method are reviewed each year end, with the effect of any changes in estimate accounted for on a prospective basis. Depreciation is charged at the rate of 10% per annum on Buildings and 25% per annum on Equipment and 20% on Motors Vehicles.

#### Inventory

Inventories are stated at the lower of cost and net realisable value. The net realisable value is determined by individual assessment of the inventories and represents the estimated selling price for inventories less all estimated costs of completion and costs necessary to make the sale. Costs of inventories are determined on a first-in-first-out basis. At each reporting date, inventories are assessed for impairment. If inventory is impaired, the carrying amount is reduced to its selling price less costs to complete and sell; the impairment loss is recognised immediately in profit or loss.

#### Classification and measurement of financial instruments

A financial instrument is a contract that gives rise to a financial asset to one entity and a financial liability or equity instrument to another. The Company classifies its financial assets as loans and receivables. Financial liabilities are classified as other liabilities at amortised cost. The classification of the financial assets and liabilities depends on the nature and purpose of the financial instrument and is determined at the time of initial recognition. Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are included in current assets, except for those with maturities or terms greater than twelve months after the reporting date. These are classified as non-current assets. Loans and receivables are measured at amortised cost using the effective interest method, less any impairment. Interest income is recognised by applying the

### Green (V.I.) Inc. NOTES TO FINANCIAL STATEMENTS YEAR ENDED APRIL 30, 2019

effective interest rate, except for short-term receivables when the recognition of interest would be immaterial.

#### Recognition and derecognition of financial instruments

Financial assets and liabilities are recognised in the Company's statement of financial position when the Company has become a party to the contractual provisions of the instrument. The Company derecognises a financial asset only when the contractual rights to the cash flows from the asset have expired or have been transferred and the Company has transferred substantially all risks and rewards of ownership of the asset to another entity. The Company derecognises financial liabilities when, and only when, the Company's obligations are discharged, cancelled or have expired.

#### Impairment of financial assets

Financial assets are assessed for indicators of impairment at each reporting date. Financial assets are impaired where there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the asset have been impacted and can be reliably estimated. For financial assets carried at amortised cost the amount of impairment is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's original effective interest rate. All impairment losses are recognised in profit or loss. An impairment loss is reversed if the reversal can be related objectively to an event occurring after the impairment loss was recognised.

#### Offsetting

The Company only offsets financial assets and financial liabilities if the Company has a legally enforceable right to set off recognised amounts and either intends to settle on a net asset basis, or to realise the asset and settle the liability simultaneously.

#### Taxation

Under the current laws of the British Virgin Islands, the Company is not subject to income, estate, corporation or capital gains taxes. Accordingly, no provision has been made for these taxes in these financial statements. The Company intends to conduct its affairs such that it will not be subject to taxation in any jurisdiction, other than withholding taxes on investment income and capital gains, where applicable. Withholding taxes, if any, are shown as a separate item in the statement of comprehensive income.

#### 3. PROPERTY, PLANT AND EQUIPMENT

#### 2019

	Total	Equipment	Motor vehicles
COST			
May 1, 2018	198,110	110,710	87,400
Additions	126,766	66,067	60,699
Disposals	(929)	(929)	-
April 30, 2019	323,947	175,848	148,099
DEPRECIATION			
May 1, 2018	75,706	50,511	25,195
Charge for the year	48,027	22,289	25,738
Disposals	(793)	(793)	-
April 30, 2019	122,939	72,006	50,933
NET BOOK VALUE			
April 30, 2019	\$ 201,008	\$ 103,842	\$ 97,166
April 30, 2018	\$ 122,404	\$ 60,199	\$ 62,205

#### 2018

	Total	E	quipment		Motor vehicles
COST				•	
May 1, 2017	126,448		39,048		87,400
Additions	 71,662		71,662		-
April 30, 2018	 198,110		110,710		87,400
DEPRECIATION					
May 1, 2017	46,123		38,408		7,715
Charge for the year	29,583		12,103		17,480
April 30, 2018	75,706		50,511		25,195
NET BOOK VALUE					
April 30, 2018	\$ 122,404	\$	60,199		\$ 62,205
April 30, 2017	\$ 80,325	\$	640		\$ 79,685
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Green (V.I.) Inc.
NOTES TO FINANCIAL STATEMENTS
YEAR ENDED APRIL 30, 2019

#### 4. SHARE CAPITAL

The Company is limited by guarantee and is not authorized to issue shares.

#### 5. RELATED PARTY BALANCES AND TRANSACTIONS

The balance on the Director's loan account, which is unsecured and not interest bearing, at April 30, 2019 was \$45,854 (2018 - \$45,854).

#### 6. FINANCIAL INSTRUMENTS AND ASSOCIATED RISKS

The Company's use of financial instruments exposes it to a variety of financial risks: credit risk, liquidity risk and market risk. The carrying value of the Company's financial instruments approximates fair value due to the relatively short periods of maturity of these instruments. The Directors have overall responsibility for the establishment and oversight of the Company's risk management framework.

#### Credit risk

Credit risk refers to the risk that a counterparty will default on its contractual obligation resulting in financial loss to the Company. Credit risk arises from cash and cash equivalents. The carrying amount of financial assets recorded in the financial statements, represents the Company's maximum exposure to credit risk. The Company seeks to mitigate its exposure to credit risk by placing its cash and cash equivalents with reputable financial institutions.

#### Liquidity risk

Liquidity risk is the risk that the Company will encounter difficulty in meeting obligations associated with its financial liabilities as they fall due. The Company's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Company's reputation. The Company manages liquidity risk by matching the repayment terms of its financial liabilities to the future cash flows from its financial assets. At the reporting date, the Company had financial liabilities in the amount of \$64,625 (2018: \$55,360), all of which is either repayable on demand or mature in less than three months. The Company does not anticipate liquidity concerns in meeting liabilities as they fall due as it will only incur expenditure it can afford.

#### Market risk

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market variables. Markey risk comprises three types of risks: foreign currency risk, interest rate risk and price risk. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimising the return.

#### Green (V.I.) Inc. NOTES TO FINANCIAL STATEMENTS YEAR ENDED APRIL 30, 2019

#### Foreign currency risk

Foreign currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in the foreign exchange rates. The Company is not exposed to foreign currency risk.

#### Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. Only cash and cash equivalents are interest bearing. As a result, the Company's income and operating cash flows are substantially independent of changes in market interest rates. There would be no material impact on the results of the Company's operations as a result of fluctuations in interest.

#### Price risk

Price risk is the risk that the Company is exposed to market risk on financial instruments that are valued at market prices. The Company is not exposed to price risk as the Company does not have financial instruments that are valued at market prices.

#### 7. EVENTS AFTER THE REPORTING DATE

Management has evaluated subsequent events occurring through October 7, 2019, the date that these financial statements were available to be issued and determined that no subsequent events occurred that would require recognition or additional disclosure in these financial statements.

