



15 Environmental Report

Boardwalk Casino & Entertainment World Nelson Mandela Bay

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Information:

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Colin Carmody – L&D Manager
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Graeme Goodwin – Landscaping
Matt Elliot – Area Manager – Servest Landscaping
Peggy Mokhatla – Social Equity Manager
Peter Tshidi – Operations Manager
Dheshree Pillay – Financial Manager

The Boardwalk Casino & Entertainment World:

* Brett Hoppé – General Manager

“Without the assistance of the above-mentioned persons, this report would not have been possible” Dean Blom
(Environmental Manager – The Boardwalk)

Social and Environmental Policy

SOCIAL & ENVIRONMENTAL POLICY



“We aim to demonstrate this commitment in the appearance and operation of our facility and in the enthusiasm and dedication of our staff”

The Boardwalk Casino, Hotel, Conference Centre & Spa aims to be the premier destination for the Port Elizabeth community and for visitors to the city. Environmentally, Financially and Socially responsible management of the facility is fundamental to achieving this goal. We are therefore committed to:

We are therefore committed to:

- * A management style that is based on sound environmental and social values
- * Continuous improvement in environmental performance
- * Provision of a stimulating, clean and secure environment for our staff and visitors
- * Promotion of environmental awareness amongst our visitors, staff, suppliers, contractors and concessionaires

Demonstration of environmentally responsible behaviour through:

- * Preventing pollution of the environment
- * Conserving the use of resources such as water and energy
- * Minimising waste generation

Demonstration of socially responsible behaviour through:

- * Supporting and applying the responsible gambling initiative
- * Involving ourselves in sustainable community projects that contribute to social upliftment
- * Creating business linkages that support local enterprises
- * Developing our staff to maximise their potential through training
- * Protecting biodiversity and implementing a climate change response strategy

Demonstrate good corporate governance through:

- * Adopting internationally recognised King III governance standards
- * Adhering to a Board Charter and Code of Ethics
- * Ensuring that whistle-blowing, fraud reports or other concerns are dealt with in a non-discriminatory and confidential manner
- * Monitoring performance on non—financial issues through Social and Ethics Committee
- * Maintain open relations with Interested and affected parties, especially the surrounding neighbourhood, through communication and interaction
- * Compliance with the relevant national, provincial and local health, environmental and safety legislation

We aim to demonstrate this commitment in the appearance and operation of our facility and in the enthusiasm and dedication of our staff.

Environmental Organisation Structure



Message from The Boardwalk Casino, Hotel, Convention Centre & Spa General Manager, Brett Hoppé



“The environmental systems we have in place monitor our energy, water usage and waste generated”.

Message from The Boardwalk Casino and Entertainment World General Manager Brett Hoppé

- * The Boardwalk Casino and Entertainment World is pleased to present its 14th annual Environmental Report. This 2015 edition of our Environmental Report details our efforts to promote and conserve a sustainable environment and community, while reducing waste and energy consumption.
- * Since its inception, The Boardwalk has endeavoured to maintain the highest possible environmental and safety standards. As captured in our environmental reports published since 2002, The Boardwalk has shown steady improvements in terms of its compliance with environmental standards in the leisure and tourism industry.
- * Through its commitment to continually raising the bar in this regard, The Boardwalk and its tenants succeed in delivering a clean, environmentally-friendly and resource-efficient precinct. This ensures that our visitors have the privilege of experiencing clean and well-maintained facilities, well-tended gardens, and healthy fish and other wildlife in the lakes.
- * As responsible corporate citizens, our tenants, operators and The Boardwalk go to considerable lengths to ensure that the impact of our operations on the environment, including energy and water consumption, greenhouse gas emissions and air quality, are kept to a minimum.
- * We have strict policies in place to ensure effective waste and water management. Everyone, at all levels, is encouraged to use resources sustainably, recycle where possible, and minimize waste.
- * Our initiatives and progress is closely monitored by the Eastern Cape Gambling and Betting board as part of our conditions of license who appointed Gibb environmental auditors to audit the complex the past two years.
- * We are continuously striving for further optimization of how, when and why electricity is used in the complex. We hope to bring our energy consumption down further. Efforts made to reduce waste to landfill had also produced favorable results.
- * In addition to our efforts to optimize the use of resources and promote environmental sustainability, The Boardwalk this year also participated in several CSI projects benefiting the communities in which we operate. These will be detailed in the CSI section of the report.

Message from The Boardwalk Casino & Entertainment World Environmental Manager, Dean Blom



“The Environmental Management Programme closely Monitors the usage of water, electricity, fuel and generation of waste.

The Boardwalk and Sun International continues to operate The Boardwalk on an environmentally sustainable level and limit the impact it has to the environment within which it operates.

The continued maintenance of existing and improvement of the green initiatives as well as social responsibility are part of both the management as well as service providers performance and are measured on a monthly basis.

This is also a key area which is monitored by the Eastern Cape Gambling and Betting Board who appointed GIBB environmental consultants to monitor the effectiveness of our environmental programme and audit carried out in November 2014 and follow up in February 2015.

The measurement and monitoring of all water, electricity and energy usage has been the main objectives for the past year so as to reflect accurately the impact the complex has on the environment as well as usage of resources.

As part of the objectives set for last year has reduced usage of water and electricity making it more difficult to make huge improvements in these areas and the objective was to not increase usage for the complex. These are monitored by different role players and service providers and the figures are available in the report.

The emphasis was to try achieve improvements in other areas such as waste management as well as recycling and there were significant improvements in the area as can be seen later in report.

The Hotel and conference center are operating at high levels of occupancy making it one of the premier facilities in the metro. The focus remains to recycle, re-use and reduce.

We are proud of our complex and through continued measurement and innovation we aim to be sustainable and be part of the Port Elizabeth Business community for many years to come.

SunGlow: Managing our Business Responsibilities

In terms of managing our business responsibilities, we have committed to improving our environmental efficiency. The Boardwalk has developed an Environmental Management System(EMS) for the operation.

While the system is specifically designed to monitor the environmental conditions and impacts at The Boardwalk it is synergistic with the system implemented by the Group.

The EMS model being applied is based on the internationally recognised ISO 14001. This standard reflects global consensus on good environmental practice, whilst being sufficiently flexible to enable it to be applied to the local conditions and requirements of individual organisations.

EMS Structure:

The EMS Management structure continues to be effective with the General Manager being the driving force behind the EMS implementation.

The EMS Management representative (The Environmental Manager) ensures that environmental management at The Boardwalk receives due attention.

All departments have been called upon to nominate representatives to be part of on-going environmental management and monitoring as part of the environmental committee. This ensures that all departments are kept up-to-date on environmental matters.

In alignment with the ISO 14001 requirements, these representatives work closely with the Environmental Manager to ensure that reviews and necessary adjustments are handled on an on-going basis.

SunGlow

Key role players

To clarify roles and responsibilities, the following duties have been allocated to nominated employees:

- * Workplace Environmental Audits – Dean Blom
- * Induction Training – Colin Carmody and Nirusha Naidoo (L&D Manager and Facilitator)
- * Hendrik Strauss (Compliance Manager)
- * Waste Management – Peter Tshidi
- * Noise Assessments – Morné Coetzer (Security Manager)
- * Resource Management – Anthony van Goeverden (Maintenance Manager)
- * Fuel and Hazardous Materials Storage – Dean Blom (Health, Safety and Environmental Manager)

Whilst overall responsibility for the implementation of the EMS is vested with the company directors, responsibility for the day-to-day application of the system is delegated to the Key role players and their relevant departmental staff.

The environmental committee is responsible for ensuring that adequate consideration is given to each of the various issues. Where relevant, however, specialist advice and support is sought to assist these individuals with the assessment of relevant environmental considerations.

All committee members are expected to:

- * Take reasonable care of the environment through their own actions and by setting an example to others
- * Co-Operate with others while carrying out their duties
- * Work in accordance with environmental procedures

At the planning stage, full account is to be taken of those factors that help to eliminate potentially harmful environmental impacts including emissions/discharges, waste, irresponsible resource use or other forms of pollution such as noise. Decisions about other priorities (e.g. programme and profit) are to consider the environmental constraints that may be present as part of an integrated approach to health, safety, quality and environment.

Through the development of an Aspects and Impacts Register the business activities of The Boardwalk have been considered in relation to the impact on the receiving environment and the significance thereof.

With a view to mitigating impacts that have been identified in the Aspects and Impacts Register, procedures have been developed and the implementation thereof is being monitored as part of the EMS.

These procedures have taken account of the existing and additional management measures. The procedures will be updated as required, and will also be reviewed on an annual basis.

SunGlow

An In-house sunglow program for monitoring Legal requirements are been followed and changes in legislation are updated as necessary, where relevant to the activities at The Boardwalk.

All members of staff are provided with appropriate and suitable environmental awareness training and exposure which is appropriate to the work to be undertaken. In this regard, the Group has compiled an interactive and innovative Environmental Awareness Training programme which is aimed at motivating staff and creating a mind shift towards environmental consciousness behaviour.

This awareness training is also provided free of charge to service providers and retail tenants.

Furthermore, site specific on-the-job training is undertaken departmentally, for example to instruct in the use, maintenance and storage of equipment and materials. All incidents of an environmental nature are reported to the Environmental Manager.

Significant incidents are investigated and recorded to ensure that the appropriate preventative measures are implemented.

With a view to ensuring an up-to-date EMS, with efficient functionality, The Boardwalk has implemented an electronic operating system. This system, called EOS, is based on ISO 14001 functionality and includes a workflow component which tracks the day-to-day tasks required to fulfil procedures.

EOS houses all the EMS data, and through the efficient storage, monitoring and updating of information, will allow The Boardwalk to meet reporting requirements of the Gambling Board and King III.

Conditions of Licence Agreement

The Eastern Cape Gambling and Betting Board has imposed a number of conditions on The Boardwalk as part of the licencing agreement. Our compliance to these conditions during the reporting period is tabled below:

Condition of licence	Achieved	Comments
Implementing an EMS both practical and integrated	<input checked="" type="checkbox"/>	<ul style="list-style-type: none"> Adoption of the Group Sustainability Policy; Aspects and Impacts Register has been developed for our environmental impacts and risks. <p>Furthermore, we maintained the “on the ground” implementation of our environmental procedures, staff training, staff awareness and monitoring and measured actions required in terms of an EMS to avoid and/or limit our environmental impact.</p>
Continuous improvement of environmental matters	<input checked="" type="checkbox"/>	There is every effort made to improve on previous performance.
Annual environmental performance report	<input checked="" type="checkbox"/>	This report details our environmental performance over the last reporting year.
EMS audits	<input checked="" type="checkbox"/>	The findings of audits and comments from audits will be implemented during the next reporting period.
NO significant changes have been made in last 12 months that require a EIA report. Significant changes, upgrades, shut down, decommissioning shall be reported to the Gaming Board and have an EMP	<input checked="" type="checkbox"/>	The construction of the new Boardwalk hotel and convention centre is completed and no new development has taken place over the past 12 months.

Economic Sustainability

Wages and salaries for the Boardwalk during the past financial year amounted to R100,951,194. With Fish River Sun salaries included, the amount is R116,839,443. The other key areas of expenditure are shown in the tables below expressed in rand:

Municipal Services	
Property Rates	R 10 948 965
Electricity	R 15 322 608
Water and sewage	R 1 076 053

Service Providers	
Oricol Waste Management	R 842 139
Supercare	R 3 316 996
Spin Queen	R 2 131 598
Bambanani	R 376 692
Servest	R 1 510 308
HRG	R 11 432 183
Millicare	R 712 495
Lotus Steam Laundry	R 2 773 471
Khangela Hygiene & Industrial Services	R 7 515 772

Key Performance Areas, Objectives and Targets of the EMS

Objective 1

To minimize energy consumption at The Boardwalk Casino and Entertainment World

Targets

To maintain current energy consumption and to reduce the current usage

Key Performance Indicators

Energy Efficiency, Conservation and Management

Programme

- To ensure that daily readings are taken of all meters to monitor current usage, identify peaks and drops and have an explanation for the results recorded
- All monthly results and recordings to be placed on a graph
- Change boilers to more efficient heat pumps

By

The Maintenance Shift Manager on duty, on a daily basis

Person Responsible

The Maintenance Manager

The Maintenance Manager

The Maintenance Manager

...key performance area, objectives and targets of the EMS

Objective 2

To minimize water wastage at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
To reduce water consumption at The Boardwalk Casino and Entertainment World by 2% relative to the visitor numbers by the end of June 2014	Management of all water resources	
Programme	By	Person responsible
<ul style="list-style-type: none"> To ensure that a Monitoring Management System is in place 	This is in place	The Maintenance Manager
<ul style="list-style-type: none"> To ensure that all service providers and concessionaires assist in managing water resources 	As soon as business commences at the unit	The Environmental Manager
<ul style="list-style-type: none"> To ensure sufficient signage is displayed on the complex in all areas 	At all times	The Environmental Manager
<ul style="list-style-type: none"> To disconnect automatic water sprinkling systems as required 	This has been completely disconnected due and watering of gardens done by hand to prevent wastage on walkways etc.	The Maintenance Manager together with the Landscaping Contracts Manager

...key performance area, objectives and targets of the EMS

Objective 3

To minimise waste volumes at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
To reduce the volume of waste going to landfill through increased recycling.	The Boardwalk Casino and Entertainment World Waste Management and Reduction	
To increase the current recycling programme and extend into new waste streams to be recycled, e-waste and food waste.	The Boardwalk Casino and Entertainment World Waste Management and Reduction	
Programme	By	Person Responsible
<ul style="list-style-type: none"> To ensure that all cardboard not damaged and full volumes of cardboard are recycled 	Daily	The Waste Site Manager
<ul style="list-style-type: none"> To decrease the volume of waste to land fill by ensuring that the sort at source and in waste yard are part of the recycling programme 	On-going	The Waste Site Manager
<ul style="list-style-type: none"> To match increased waste generated with improved methods of re-cycling 	On-going	The Waste Site Manager

...key performance area, objectives and targets of the EMS

Objective 4

To manage hazardous substances safely at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
To ensure that no incidents occur involving hazardous substances	Hazardous Substance Management	
Programme	By	Person Responsible
<ul style="list-style-type: none"> To ensure that all hazardous data and safety sheets are kept on file for all hazardous substances held on the premises at The Boardwalk Casino and Entertainment World 	Daily	The Health and Safety Manager
<ul style="list-style-type: none"> To ensure that every incident regarding spillage is immediately recorded into the Incidents Register 	Daily	The Environmental Manager and Health and Safety Manager
<ul style="list-style-type: none"> To ensure all substances are kept in the required storage and locked-up at all times 	Daily	The Contracts Managers of the Service Providers holding chemicals on complex as well as the Maintenance Manager/Environmental Manager

...key performance area, objectives and targets of the EMS

Objective 5

To create and ensure a safe and secure environment for both staff and guests at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
To comply with legal requirements of the Occupational Health and Safety Act	Emergency Preparedness	
Programme	By	Person Responsible
<ul style="list-style-type: none"> Security personnel to monitor and watch over the complex on a 24 hour basis 	Daily	The Security Manager
<ul style="list-style-type: none"> Security personnel to monitor suspicious movements on the complex which pose a risk 	Daily	The Security Manager
<ul style="list-style-type: none"> Security personnel to monitor the complex for any signs of smoke resulting in fire 	Daily	The Security Manager
<ul style="list-style-type: none"> Security personnel to monitor and ensure the safety of the property (building or product) 	Daily	The Security Manager
<ul style="list-style-type: none"> Security to carry out evacuation and fire drills 	Bi-Annually	The Security Manager

...key performance area, objectives and targets of the EMS

Objective 6

To ensure that The Boardwalk Casino and Entertainment World assists in the upliftment of the broader community

Targets	Key Performance Indicators	
To contribute (5%) of net profit to CSI projects within the area designated by the Eastern Cape Gambling and Betting Board (ECGBB)	Public and Community Interaction and Social Responsibility	
Programme	By	Person Responsible
<ul style="list-style-type: none"> Projects identified and allocated under provisions of the CSI Policy 	All identified projects to be finalised by the end of the financial year	The Social Equity Manager assisted by the HR Manager and monitored by the General Manager of The Boardwalk Casino and Entertainment World
<ul style="list-style-type: none"> Staff and committee identify projects together 		
<ul style="list-style-type: none"> Proposals are received from interested parties in writing 		
<ul style="list-style-type: none"> Committee evaluates proposals according to guidelines in the policy 		
<ul style="list-style-type: none"> Allocations are made in accordance with financial guidelines 		

...key performance area, objectives and targets of the EMS

Objective 7

To maintain the cleanliness of The Boardwalk Casino and Entertainment World, in order to promote its aesthetic appeal

Targets	Key Performance Indicators	
To consistently achieve a score of (90%) or more for appearance through the Market Matrix Evaluations	Aesthetic Appearance	
Programme	By	Person Responsible
<ul style="list-style-type: none"> To ensure that a consistent daily schedule is in place identifying all areas as part of a cleaning programme 	Daily	The Cleaning Contracts Manager
<ul style="list-style-type: none"> To ensure a deep clean of all ablution areas is carried out and inspected 	Daily	The Contracts Manager
<ul style="list-style-type: none"> To ensure that the cleaning management team monitor all aspects of all job executions 	Daily	The Shift Supervisors

...key performance area, objectives and targets of the EMS

Objective 8

To achieve a return of equity and maintain profit at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
Programme	By	Person Responsible
<ul style="list-style-type: none">To ensure that the financial department manages and executes its duties correctly	Daily	The Financial Manager and company accountants
<ul style="list-style-type: none">All system and financial documentation are balanced daily	Daily	The Accountant
<ul style="list-style-type: none">To effectively balance the books on a daily basis to ensure recordings and returns are carried out	Daily and Monthly	The Casino Accountant
<ul style="list-style-type: none">To effectively have frequent audits conducted to ensure absolute correctness	Bi-Annually	The Financial Manager

...key performance area, objectives and targets of the EMS

Objective 10

To promote responsible gambling at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
To make gamblers aware of the Responsible Gambling Programme and train all the front line staff	The Responsible Gambling Programme	
Programme	By	Person Responsible
<ul style="list-style-type: none"> • Be guided by the Responsible Gambling Programme 	Daily	The Surveillance Manager
<ul style="list-style-type: none"> • Responsible Gambling Audits carried out 	Monthly and Quarterly	The Surveillance Manager
<ul style="list-style-type: none"> • There is to be a monitoring programme in place to identify possible problem gamblers 	Daily	The Surveillance Manager
<ul style="list-style-type: none"> • To ensure that Marketing and Advertising efforts relating to gambling comply with legislated stipulations and casino initiatives 	Daily	The Surveillance Manager
<ul style="list-style-type: none"> • Monitor legal non-compliance until closed-out, if required 	Daily	The Surveillance Manager

...key performance area, objectives and targets of the EMS

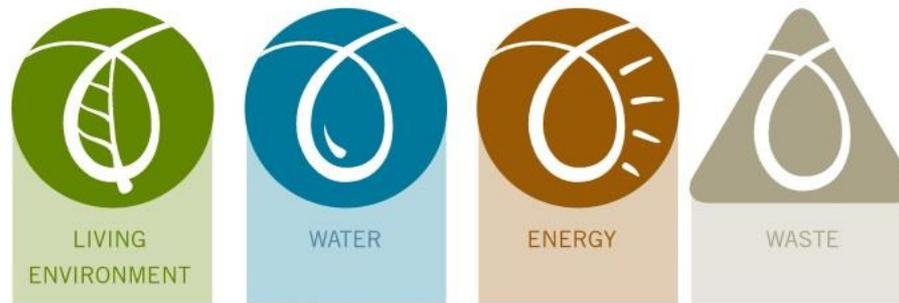
Objective 11

To ensure that the Environmental Management Plan is properly set up at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
To achieve all objectives set out in the Environmental Management Plan	Management of the Environmental Management System.	
Programme	By	Person Responsible
<ul style="list-style-type: none"> • Prepare a policy and review 	Done	The Boardwalk Environmental Committee
<ul style="list-style-type: none"> • Identify the environmental scope and set up 	Done	The Boardwalk Environmental Committee
<ul style="list-style-type: none"> • A policy and procedure manual to be in place and reviewed 	Daily	The Boardwalk Environmental Committee
<ul style="list-style-type: none"> • Incident reports to be filed and completed 	On-going as per incident occurrences	The Boardwalk Environmental Committee
<ul style="list-style-type: none"> • Implement a mitigation register which must be reviewed on an annual basis 	In place	The Boardwalk Environmental Committee

Introduction to the SunGlow Initiative

As a group, Sun International has adopted an Environmental strategy, and as such has decided to group all sustainability campaigns and communications strategies into the following four categories:



Quarterly SunGlow campaigns:

- Focus on a key sustainability area across the group
- Provide a structure for units to build on existing initiatives and focus on improving sustainable business operations
- Focus the brand positioning on 'conscious fun'
- Provide themes for regular training programmes

SunGlow



Case Study - Waste

Waste Management and reduction is a key environmental issue at The Boardwalk. Khangela Hygiene and Industrial Services is the waste service provider and runs The Boardwalk's waste management operations.

Data on waste volumes for the past 8 years is shown in the table below. From these figures, it can be seen that there was an increase in waste for 2013 with the new hotel development construction but volume stabilised again to previous levels generated during the period July 2013 to end June 2014.

It can be seen that the proportion of waste stream recycled has increased to 31% from the previous 28% for the past 12 months.

The recycling streams for used cooking oil and e-waste have been introduced and are being monitored and recorded.

	2008 Tons	2009 Tons	2010 Tons	2011 Tons	2012 Tons	2013 Tons	2014 Tons	2015 Tons
Cardboard/ paper	45	59	39	40	39.5	59	67	71
Plastic	10	12	11	12	4.5	6	3.5	14
Cooking oil	0	0	0	0	0	0	3	3.1
Cans	11	17.5	11	13	11	11	12	17.4
Glass	70	65	75	82	77	82	73	73
e-waste	0	0	0	0	0	0	1.5	3.4
TOTAL WASTE	620	641	549	568	558	634	569	570
% RECYCLED	21	24	24	25	23	24	28	31

Case Study - Waste

- * The recycling of old cooking oil for bio fuel continues.
- * There is also now mentoring and safe disposal of both e-waste as well as fluorescent tubes as hazardous waste and reporting figures and disposal certificates now been obtained. The waste to land fill also been monitored to ensure no increase.



The Boardwalk Clinic

The Boardwalk Clinic was established to offer assistance to staff, service providers and guests visiting the complex who may experience a medical emergency. There is one permanent clinic sister employed (Melony Swartz) and locum sisters are used to cover the required shifts over weekend and public holidays.

Functions of the clinic include:

- * Primary health care (basic attention to colds, flu & minor ailments)
- * IOD management & reporting
- * Family planning
- * HIV testing & counselling
- * Medical surveillance of staff (including pre & post placement medicals as well as yearly follow-up medicals)
- * Emergency management, care & liaison with ambulance services and hospitals
- * Health & Safety Committee
- * Wellness Committee & Education
- * Environmental hygiene checks
- * Stock control
- * Company GP attendance once a week
- * Chronic illness monitoring & support
- * General counselling & emotional support
- * First aid box checks and support of skill levels in trained employees

The clinic is regarded as environmentally friendly and compliant.

It is the clinic's responsibility to discard all medical waste and sharps into the correct waste containers to prevent the spread of infection and the possibility of injuries through accidental exposure to sharps.

The following waste containers are present in The Boardwalk Clinic:

- * 1 x sharps container: all sharps including syringes and needles, stitch cutters, ampoules, suture material, scalpel blades, razors, clinical glass and any other contaminated items that are capable of causing cuts or puncture wounds are discarded into the sharps container.
- * 1 x large fibreboard set: this box is used for the disposal of all non-sharp infectious waste which includes cotton wool balls, swabs, dressings, empty vacillator bags, gloves, masks and burns dressing.

The Boardwalk Clinic uses Compass Waste Services for the management and removal of all medical waste and sharps.

Delivery of new waste boxes and sharps containers and collection of full containers is done every 30 days during clinic hours, unless contacted earlier. Clinic hours: Monday – Friday 08:00 – 16:30

The Boardwalk Gardens

Sun International has recently embarked on the SunGlow sustainability programme as a step towards achieving renewed impetus in its drive to minimise its impact on the environment. The four main goals behind the programme are as follows: the reduction in the use of water on site; the reduction in the use of energy on site; the reduction in the amount of waste sent to landfills; and the improvement of the social and natural environment.

In keeping with these themes, The Boardwalk together with Servest Landscaping as the preferred landscape installation and maintenance providers, have continued with the initiatives started in previous financial year.

Reduction in Water Usage:

In order to reduce water usage and more importantly water wastage on site, computerised irrigation systems with rain and soil moisture sensors have been installed at the newly developed Boardwalk Hotel and Convention Centre and in its surrounding gardens.

These ensure that all areas can be given the specific amount of water required, as plants are grouped together according to watering needs, thereby minimising wastage and overwatering.

The complex continues to water gardens by hand as to reduce wastage.

These measures together with the use of hardy indigenous trees, shrubs and bedding plants will greatly aid The Boardwalk in reducing water consumption going into the future.

The Boardwalk Gardens

Reduction in Waste sent to Landfill:

The initiative to reduce the amount of off cuts and material being sent to landfill continues - suitable plant material is mulched on site and again used on site as ground covering for fertiliser to reduce the amount of water evaporation from the soil.



Improvement of Social and Natural Environment:

- * **The Boardwalk Gardens**
- * With numerous environmental challenges being faced, organisations such as Sun International are constantly looking for new and innovative ways in order to reduce their carbon footprint, minimise their use of natural resources and reduce their impact on the environment. Servest Landscaping, as the preferred landscape installation and maintenance providers to The Boardwalk have embarked on numerous green initiatives in the past year in order to achieve the objectives.
- * **Trialling of Rechargeable Electric Horticultural Power Tools**
- * **Boardwalk has a small nursery on site to supply the garden needs.**



The Boardwalk Gardens

- * **Arbor Month**

- * During the course of Arbor month, a number of *Syzygium cordatum* (Water-berry) were planted on the premises. These trees are well suited to The Boardwalk's environment as they have non-aggressive root systems and can therefore be used as 'street trees' as they have little impact on paving or underground services. The trees also do well despite the salt air that comes from the onshore South-Easterly wind

- * **Reduction in Alien Tree Species**

- * Emphasis has been placed on attempts to eradicate alien tree species on The Boardwalk premises. We have continued with the felling of a number of the large *Eucalyptus gomphotephala* (Blue gum) and the systematic cutting and poisoning of *Acacia saligna* (Port Jackson willow), *Acacia cyclops* (Rooikrans), and *Lantana camara* (Common Lantana). These are then put through the chipping process and the end product is used as mulch in the garden beds on the complex. Special care is taken to ensure that seed matter is not reintroduced onto the complex and any small saplings that do germinate are removed immediately.



Case Study - Biodiversity

Biodiversity may not seem to be a key issue for The Boardwalk given that it is located in the well-established and developed Summerstrand area. However, as part of making The Boardwalk a relaxing entertainment venue to visit, a great deal of attention is paid to the landscaped features of the site, including the gardens and the lakes

Biodiversity describes the variety of life in an area, including the number of different species, the genetic wealth within each species and the natural areas where they occur. These areas are maintained in a manner that promotes their function as natural ecosystems within an urban environment. Biodiversity is relative to the range of species of plants, animals and bird species native to an area, and these need to be identified and protected.

Compost used is completely organic, being either kraal manure or self made mulch.

This is an important facet of The Boardwalk's Environmental Management System because runoff from the complex is routed to a municipal storm water drain that discharges onto the beach. Runoff also enters The Boardwalk's lakes.



Bird Species found in and around The Boardwalk

- * African Sedge Warbler (*bradypterus baboecala*)
- * Black Sunbird (*nectarinia amaethystina*)
- * Bokmakierie (*telophrus zeylonus*)
- * Bully Canary (*seriurus sulphuratus*)
- * Burchell's Coucal (*centropus superciliosus*)
- * Cattle Egret (*bubulcus ibis*)
- * Common Quail (*cuturnix cortunix*)
- * Cape Bulbul (*pycnonotus capensis*)
- * Cape Canary (*serinus canicollis*)
- * Cape Glossy Starling (*lamprotornis nitens*)
- * Cape Robin (*coosypha caffra*)
- * Cape Sparrow (*passer melanurus*)
- * Cape Thick-Knee (*burhinus capensis*)
- * Cape Turtle Dove (*streptopelia capicola*)
- * Cape Wagtail (*motacilla capensis*)
- * Cape Weaver (*ploceus capensis*)
- * Cape White Eye (*zosterops pallidus*)
- * Cloud Cisticola (*cisticola textrix*)
- * Common Fiscal (*lanius collaris*)
- * Egyptian Goose (*alopochem aegyptiacus*)
- * European Starling (*starnus vulgaris*)
- * European Swallow (*hirundo rustica*)
- * Familiar Chat (*cercomela familiaris*)
- * Feral Pigeon (*columba livia*)
- * Fiscal flycatcher (*sigelus silens*)
- * Greater Double Collared Sunbird (*nectarinia afra*)
- * Greater-striped Swallow (*hirundo cucullata*)
- * Grey Sunbird (*nectarinia veroxii*)
- * Greyheaded Sparrow (*passer griseus*)
- * Helmeted Guinea Fowl (*numida meleagris*)
- * Hoopoe (*upupa epops*)
- * Jacobin Cuckoo (*clamator jacobinus*)
- * Laughing Dove (*streptopelia senegalensis*)
- * Lesser-striped Swallow (*hirundo abyssinica*)
- * Longbilled Pipit (*anthus similis*)
- * Mocking Chat (*thamnolaea cinnamomeiventris*)
- * Olive Bush Shrike (*telophorus olivaceus*)
- * Olive thrush (*turdus olivaceus*)
- * Orange breasted Bush shrike (*telophorus sulfureopectus*)
- * Redeyed Dove (*streptopelia semitorquata*)
- * Redfaced Mousebird (*colius indicus*)
- * Rednecked Francolin (*francolinus afer*)
- * Redwinged Starling (*onychognathus morio*)
- * Reed Cormorant (*phalacrocorax africanus*)
- * Rock Pigeon (*columba guinea*)
- * Sand Martin (*riparia riparia*)
- * Scalythroated Honeyguide (*indicator variegatus*)
- * Sombre Bulbul (*andropadus importunus*)
- * Southern Boubou Shrike (*lanianus ferrugineus*)
- * Speckled Weaver (*ploceus ocularis*)
- * Spectacled Mousebird (*colius striatus*)
- * Spotted-backed Weaver (*ploceus cuculatus*)
- * Spotted Eagle Owl (*bubo africanus*)
- * Spotted Flycatcher (*muscipapa striata*)
- * Stone-chat (*saxicola torquata*)
- * Wattled Starling (*creatophora cinerea*)
- * Whitebrowed Scrub Robin (*erythropterygia leucophrys*)
- * Yellow billed kite (*milvis migrans parasitus*)

Case Study – Community Contributions

The Boardwalk realizes the need to give back to the communities in which it operates and tries its best to identify causes that are in line with the Sun International CSI policy as well as responding to relevant social needs experienced in the local communities.

Many applications for support are received every year. These application are reviewed by the CSI Manager Peggy Mokgatla and CSI committee and followed-up by full on-site visits to ensure worthy beneficiaries are identified.

In addition Boardwalk supports community initiatives such as crime week in conjunction with SA Police services.

Project /	Proposal	Amount
Ilitha Education Centre	Boardwalk paid rental for a photocopier machine	R12 400.00
Dignity Sanitary Paks	Late charges for the transport for Jansenville handover	R1 773.00
PE College	Boardwalk hosted 100 last year Hospitality and Tourism students from PE college to do their practicals at the Boardwalk hotel and casino. The late charge is for medicals	R4 160.00
Heritage Day Celebrations	Boardwalk hosted 50 elderly citizens from the townships in partnership with Social Development. They were treated to 3 course meal and we also gave them wonder bags	R15 000.00

Project /	Proposal	Amount
Thabo Trust	Boardwalk bought 400 wonder bags to be distributed to disadvantaged communities	R40 000.00
Gelvan Frail Care Centre EXCO Sweat Equity	The Boardwalk Executive Management painted Gelvan Frail Care Centre bathrooms. The service providers also joined and deep cleaned the kitchen, dining hall and the lounge area	R11 340.55
Department of Social Development	Boardwalk sponsored old furnisher to an elderly lady from Grahamstown to the value of R25 000. We bought her an electric stove, groceries and paid for the transporting of goods to Grahamstown	R8 904.26
<u>ALGOA FM BOARDWALK BIG WALK FOR CANCER</u>	Boardwalk partnered with Radio Algoa for this Big event which takes place yearly with about 12 000 participants and the proceeds are donated towards the Igazi foundation	695 000.00

Case Study – Community Contributions

Project /	Proposal	Amount
Khayaletu Children's Home	Boardwalk paid annual subscription for DSTV as per our commitment towards the boys entertainment	R8140.00

Project /	Proposal	Amount
Khayaletu Children's home	Boardwalk paid for transport for 30 children from Khayaletu to come to the Boardwalk for a Burger day	R2 000.00
	Grand Total	R804 517,81

CSI Projects – Gelvandale Frail Centre Clean Up



CSI Projects – Thabo Trust Handover



CSI Projects – Big Walk for CANSA



CSI Projects – Dora Nginza Hospital Childrens Party



CSI Projects – Crime Awareness Campaign & Miss SA and Khayaalethu Boys



Environmental Awareness Training

CASE STUDY – SunGlow adopted as new Environmental Programme

The SunGlow environmental programme was designed by “Learn to Lead” in conjunction with the HO, L&D team and Environmental Project team.

The four hour awareness programme aims to highlight areas within each unit that can contribute to the sustainable principles of “People Profit, Planet”. It gives the delegates practical tips on creating the habits of “Reduce, Recycle and Rescue”.

Sun Glow serves as an identity, a platform that rallies individual effort and consolidates the various environmental and social initiatives that are in place across the Group.

It represents renewed energy, focus and impetus for our sustainability programme. SunGlow aims to create a world that balances fun with consciousness, through committed and measurable sustainability practices that engage all our stakeholders.

It’s about maximising Sun International’s social and economic contribution and minimising our environmental impact.

Sunglow sustainability strategy comprises of:

- * Climate change
- * Resource conservation
- * Community investment
- * A sustainability friendly corporate culture
- * Sustainability partnerships
- * Legal compliance
- * Best practice Environmental Management System (EMS)
- * Green procurement
- * Transparent performance reporting

Environmental Awareness Days

The Boardwalk is committed to raising awareness about environmental issues. Every year the Environmental Manager highlights important environmental days by putting up posters around the complex. This serves to inform the public as well as The Boardwalk staff of various environmental issues.

- | | |
|-------------------|-----------------------|
| * 17-23 March | Water Week |
| * 22 March | World Water Day |
| * 29 March | Earth Hour |
| * 5 June | World Environment Day |
| * 8 June - | World Oceans Day |
| * 1-7 September | National Arbor week |
| * 27 September | World Tourism Day |
| * 6 October | World Habitat Day |
| * 20 - 26 October | National Marine week |
| * 1 December | World Aids Day |



Responsible Gambling

The Boardwalk, under the Management of Sun International, continues to strive to educate and promote the importance of responsible gambling amongst staff and patrons alike.

From July 2013 to June 2014, **147** self-exclusions were completed. From July 2014 to June 2015, **130** were completed, which indicates a decrease of **88%**.

The Boardwalk continues to implement and upgrade its Responsible Gambling commitment.

The Boardwalk has a RGP Monitoring Policy which ensures that The Boardwalk performs proactive endeavours in relation to Responsible Gambling.

The statistics for the period under review indicate that the number of self-exclusions completed by males were marginally more than females.

Substantially, more MVG slots players applied for self-exclusions than MVG tables players. The Boardwalk's Statistics show a notable decrease of people applying for self-exclusions.

To ensure that our marketing and advertising efforts relating to gambling comply with legislated stipulations and casino industry initiatives, Sun International complies with its Responsible Gambling Policy.

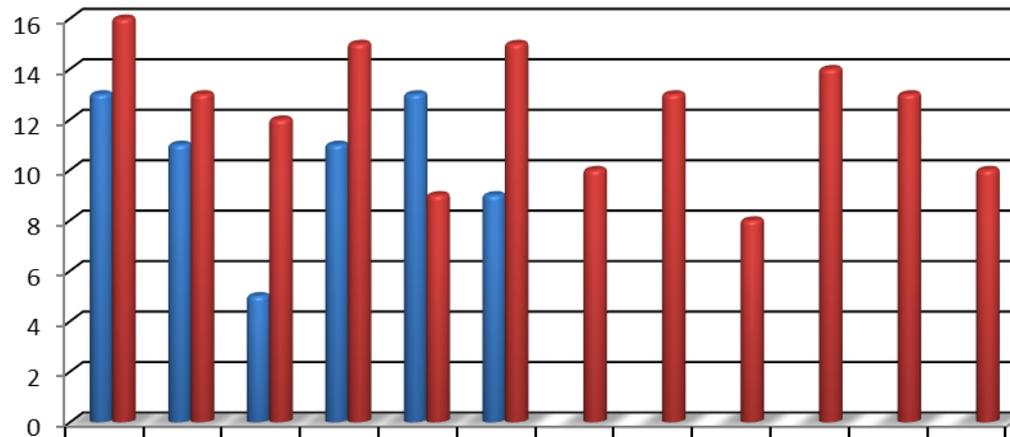
All of The Boardwalk staff are required to undergo Responsible Gambling training.

As a result of the pro-active measures and constant training carried out by The Boardwalk, Sun International's Group Internal Audit department score for Responsible Gambling Compliance for the period October 2014 to April 2015 was The same as previous year at **97%**.

The Boardwalk supports the National Responsible Gambling Programme and enthusiastically ensures that its staff constantly drive home the message of gambling responsibly, to ensure that its patrons know that "winners know when to stop".

Number of Self Exclusions – July 2014 – June 2015

**THE BOARDWALK
SELF EXCLUSION COMPARISON**



■ Gaming '15	13	11	5	11	13	9						
■ Gaming '14	16	13	12	15	9	15	10	13	8	14	13	10

Case Study – Energy

In effort to save electricity the following has been implemented:

- installed a PV system (solar) and are currently using this to supply power to our boilers.
- Completed 70% of converting all lights on complex from incandescent to CFL or LED (40 000 roof lights and 3 500 other)
- Installed heat pumps to Boilers and removed elements.
- Fitted variable speed drives to 95% of our pumps.
- Have heat recovery chiller heating the pool and pre heating the boilers water.
- Removed oversized chilled water air handling units and converted from DMX to water cooled coils.

All these efforts have been made difficult with load shedding experienced in the country which has forced installing of bulk diesel tanks to feed generators contributing to our energy costs.



The Boardwalk Retail Complex

An Environmental Management System(EMS) has been developed and rolled out to all Boardwalk tenants.

Dean Blom, the Environmental Manager, heads up this project in conjunction with other key management on the complex. Environmental Protection and Sustainable Development are the key factors, and the tenants are constantly being challenged to demonstrate their commitment to the environment. This is the reason for putting together the EMS programme. Tenants are also invited to attend environmental training presented at The Boardwalk Training Centre. During 2014/2015, a number of tenants such as Spur and Wimpy ran their own environmental programs in line with their corporate initiatives. Other tenants are offered free Environmental Awareness training via the Boardwalk Training Centre. Their energy and water usage as well as waste generated is included in the Boardwalk Complex sustainability reporting figures.

The Boardwalk Casino, Hotel, Convention Centre & Spa

The Boardwalk project was identified as the first major development in the Nelson Mandela Bay area that required compliance with the Environmental Impact Assessment Regulations and the National Environmental Management Act

The Boardwalk Casino and Entertainment World is owned by Emfuleni Resorts, the largest leisure empowerment company in the Eastern Cape, which also owns the Fish River Sun. Both properties are managed by Sun International South Africa.

Emfuleni has an effective B-BBEE shareholding of 52,1% with an Eastern Cape-based B-BBEE shareholding of some 35%. Sun International SA owns the remainder of the shares in Emfuleni.

The Boardwalk was opened in October 2000 and in September 2010 Emfuleni Resorts was granted a new licence by the Eastern Cape Gambling and Betting Board to continue operating the casino after the initial 10 year period.

Emfuleni Resorts, which is chaired by Bongzi Siwisa, has subsequently invested R1-billion in The Boardwalk, which is consistently voted as Nelson Mandela Bay's favourite destination after the beaches.



Governance at The Boardwalk Casino, Hotel, Convention Centre & Spa

During this reporting year, a decision was taken at Group Level to rename the Corporate Environmental Strategy (CES) to the Corporate Sustainability (CSS), with a view to integrating the environmental and social aspects under one umbrella. This serves to solidify the Sun International Group's, and indeed, The Boardwalk's commitment towards the triple bottom line.

One of the foundational components of the CSS is to implement an internationally recognised Environmental Management System (EMS) at all the properties in the Group.

Boardwalk operates on an EMS system that is ISO 14001 aligned.

All relevant data is being stored on an electronic operating system.

The implementation of the EMS is discussed in greater detail in a dedicated section of this report.

The Boardwalk subscribes to environmental best practice which has been implemented throughout the unit. Sustainability matters have the full support of the Group's CE and the General Manager at The Boardwalk.

The Boardwalk Lake System

The Boardwalk Lake system holds 17 000 cubic litres of water, and consists of an upper level (known as the bumper boat lake) and a main middle level (creating the main lake).

The entire lake system is filtered through the filtration plant situated under the Marine Drive upper lawn. The size of this underground filtration plant is equivalent to the size of a tennis court. The full capacity volume of water in the lake system is fed by six return inlets. Each inlet pumps 5,25 litres of water per second back into the lake system.

The lake is also re-filled through a borehole system that is 33 metres deep and pumps water into the lake system at 5,25 litres per second for 10 hours per day. This allows for the evaporation level to remain constant. The extraction of water is done through a permit.

Water-in-use readings are taken on a daily basis by the maintenance department. Public restrooms account for a considerable portion of the water used by the complex.

The quality of water is tested monthly by the Nelson Mandela Metro University for quality, turbidity, and algae.

Irrigation of all gardens on The Boardwalk Complex is now carried out manually as opposed to being run through an automatic system on timers. Manual irrigation allows for smart water of areas.



Management of the Lake System

Nelson Mandela Metropolitan University was approached by The Boardwalk to assist with the clean-up and management of the micro algae in the complex lake.

The NMMU was approached by The Boardwalk Environmental Manager, Dean Blom, to assist with the management of the micro algae in the lake.

This is being done by monthly water samples and analysis and the installation of several UV lights in the filtration room to reduce the amount of algae without adding any chemicals. No chemical treatments are used, only a flocculent.

The lake consists of approximately 17 000 cubic metres of water (pumped into the lake for 10 hours a day) which circulates over three days in the treatment process.

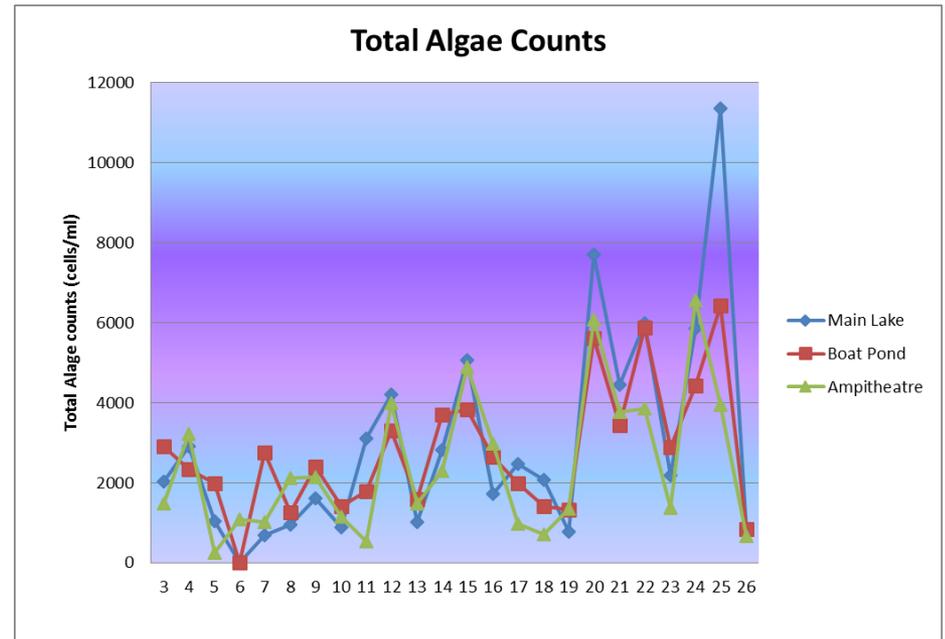
The lake supports a diverse range of aquatic life.

It was found that the water was of good quality but high levels of algae were noticed due to high levels of nutrients.

The high levels of oxygen caused by the lake fountain also accelerate the algae bloom causing water to appear green, but it still remains safe.

The UV lights installed kill off the algae which sink to the bottom and when sufficient biomass is obtained, this then floats to the surface in the form of a brown foam which is removed by hand.

The lake operates as a closed ecosystem and is very healthy as can be seen by the amount of fish, frogs and birdlife present.



Management of the Lake System

InnoVenton
Analytical

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Lab No. T0173



**Nelson Mandela
Metropolitan
University**
for tomorrow

TEST REPORT			
DATE	30 June 2015	REPORT NUMBER	15410
CONTACT PERSON	Dean Blom	DATE SAMPLE RECEIVED	22 June 2015
CUSTOMER DETAILS	The Boardwalk Casino and Entertainment World	TEL	041-507 7777
	2 nd Avenue Summerstrand Port Elizabeth 6001	FAX	041 507 7752
		EMAIL	Dean.blom@za.suninternational.com

DESCRIPTION OF SAMPLE RECEIVED				
IA NUMBER	SAMPLE DESCRIPTION	DESCRIPTION	ORDER NUMBER	DATE ORDER RECEIVED
2015-1107	Water	Main Lake	70248.	23 June 2015
2015-1108	Water	Boat		
2015-1109	Water	Amphitheatre		

ANALYSIS REQUESTED	Monthly Monitoring.
TEST METHOD USED	*TM-P-127*, *TM-P-142*, *EQP-032, TM-P-002, TM-P-003 and *Turbidity
DATE ANALYSED	25 June 2015

Technical Signatory	T. Dikwama
Technical Manager	L. Hamilton
Quality Manager	Dr. G. Dogmore

Following conditions apply to all services rendered:

- Method is NOT part of SANAS Accreditation Schedule.
- Analysis was done by an Approved Subcontractor and are not included in the SANAS Accreditation schedule
- If report is transferred electronically, signatures are kept on file at InnoVenton.
- The test report is not to be reproduced except in full, without written approval of InnoVenton.
- Where client performed the sampling, test results are only a reflection of the sample as received.
- Opinions and interpretations expressed herein are outside the scope of SANAS accreditation
- The report is issued subject to the express condition that it shall not constitute the basis of, or instrument for, any legal liability on InnoVenton; and the client furthermore indemnifies InnoVenton against all and any claims, demands, obligations, costs or expenses which may be preferred or result from the unauthorized disclosure of information contained in this report
- If this report is used in an improper or unauthorized manner, InnoVenton reserves the right to withdraw it wholly or in part and also to take any other remedial action considered necessary.
- There is no discussion of how primary sampling was conducted and if the Theory of Sampling techniques were not considered, the errors due to sampling variation may be higher than the analytical error. For more information see DS3077 (TOS).

InnoVenton
Analytical

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Lab No. T0173

Appendix 1:

Customer Description	Main Lake	Boat	Amphitheatre
IA#	2015-1107	2015-1108	2015-1109
Analysis Unit	Results		
*Total Microbial Count (Coli/1ml)	15 000	92 500	5 000
*Total Bacterial Count (CFU/ml)	715.0	4 240	850.0

Please Note: The Total Microbial Count is skewed due to the samples containing a lot of debris and therefore couldn't be centrifuged, which practically means that a very small sample was used for the count. The analysts/sampler noted that the water sampled was particularly slimy and had an unpleasant odour.

Appendix 2: Chemical Water Quality Lake Water Monitoring

Customer Description	Main Lake	Boat	Amphitheatre	SABS 241 for drinking water Class II recommended operational limits S.G.6
IA#	2015-1107	2015-1108	2015-1109	
Analysis Unit	Results			
pH	8.24	7.85	7.91	4-10
*TDS mg/L	745.0	755.0	752.0	1000-2400
Conductivity (µS/cm)	142.0	144.4	143.8	150-770
*Turbidity NTU	2.87	4.41	2.89	1.0
Macro - Determinants				
*Chloride as Cl ⁻ mg/L	302.6	317.4	318.2	200-600
*Nitrate as NO ₃ ⁻ mg/L	8.028	4.03	4.394	<10.50
*Sulphate as SO ₄ ²⁻ mg/L	60.51	60.62	60.43	<250.000
*Hardness mg/L	125.0	132.0	142.0	Value up to 300mg/L is suitable for freshwater use.

METHOD STATISTICS

ANALYTE	TEST METHOD	LOD	Uncertainty
pH	TM E-003	0.164 units	0.050 units
Electrical Conductivity	TM E-002	10 µS/cm	2.97 µS/cm

----- End of test report -----

Management of the Lake System

The following has been done:

- * Full water analysis of the borehole feed water to establish the nutrient content.
- * Full analysis of the lake water from 2 sampling points to establish the condition of the water in the lake.

Microalgae identification

The monitoring microalgae screen has been performed to determine whether the lake contains any potentially toxic microalgae that could be harmful to either the aquatic life or to humans who come into contact with the lake water.

Microalgae removal

- * This is being done through the use of UV-irradiation.
- * This approach will have zero impact on the chemical composition of the lake or the existing aquatic life and will be cost effective and easy to integrate in the current lake water management system.

- * Removal of dead biomass is being done through the existing filtration system and by hand once dead algae floats to the surface.

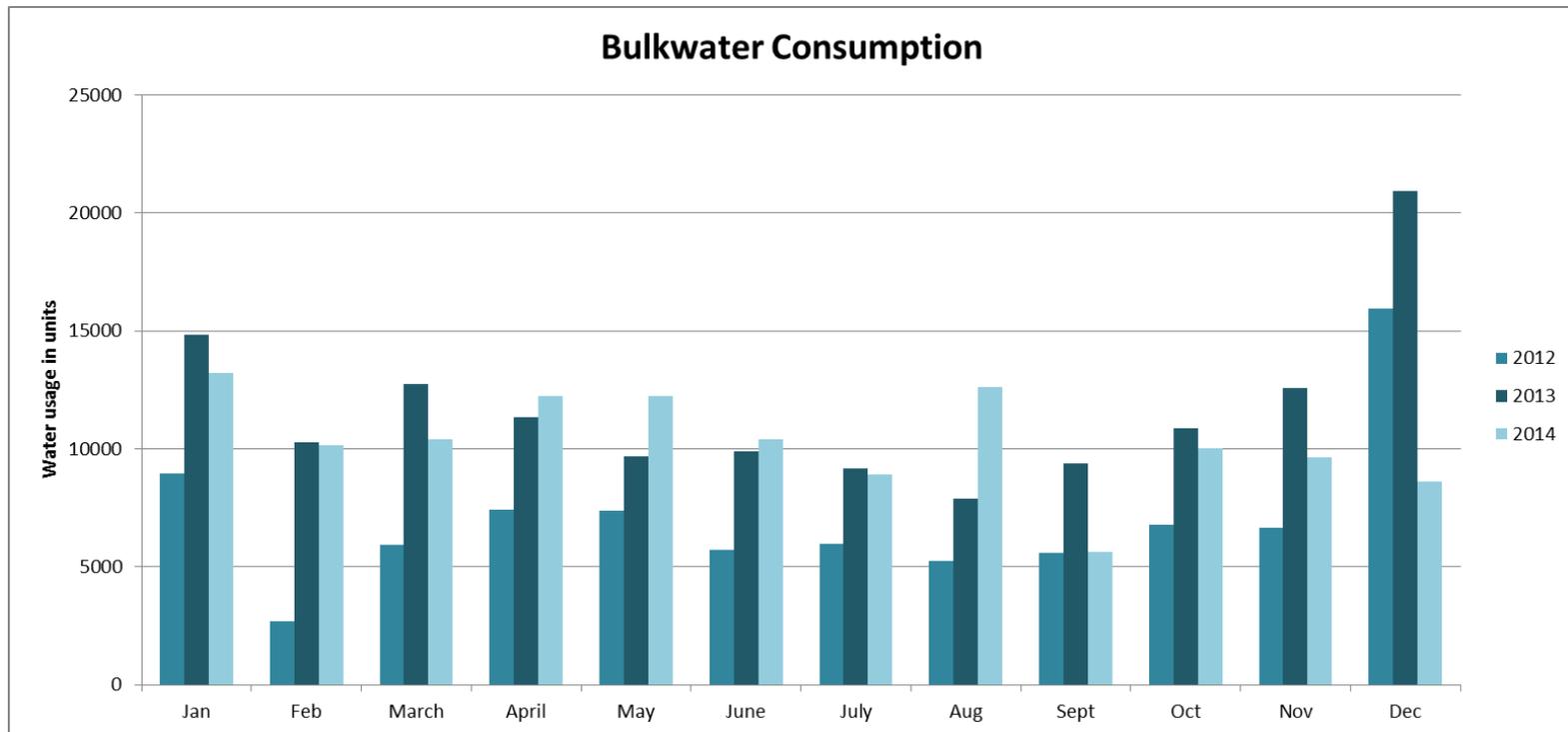
Long-term monitoring/maintenance

On-going monitoring ensures that water conditions will be maintained to prevent recurrence of the microalgae infestation.

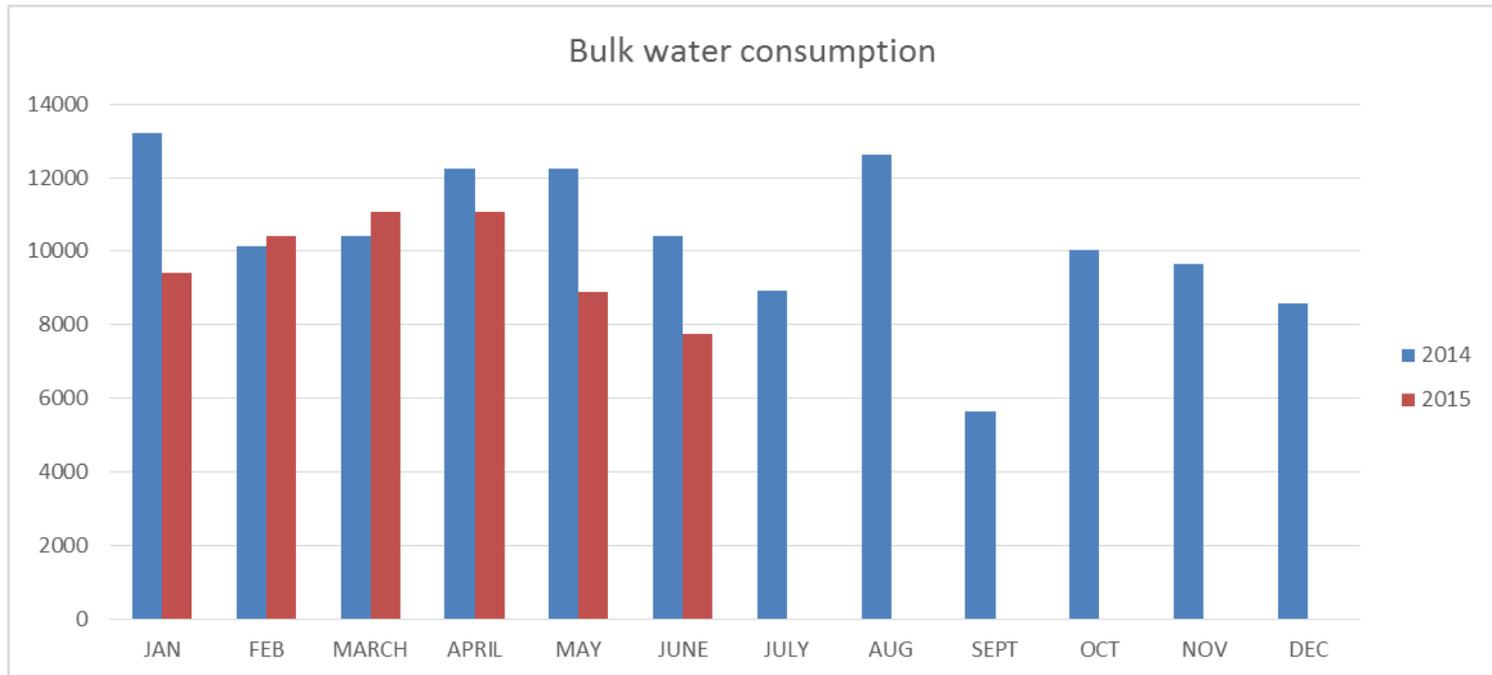
The following is done:

- * Monitor the lake at 2 sampling points on a monthly basis to track the nutrient levels and bacterial loadings.
- * Analyse the current filtration plant's efficiency in removing nutrient components (introduced into the lake via fish, bird excretions).

Bulk Water Meter Usage



Bulk Water Meter Usage



The Boardwalk Energy

The Boardwalk operates 24 hours a day, and requires a large amount of energy for lighting, temperature control within buildings, heating of water and preparation of food.

Energy consumption at The Boardwalk is monitored daily. Meter readings are taken every morning and compared with previous data. Two years ago, more timers were fitted to equipment and were set to run during off-peak periods.

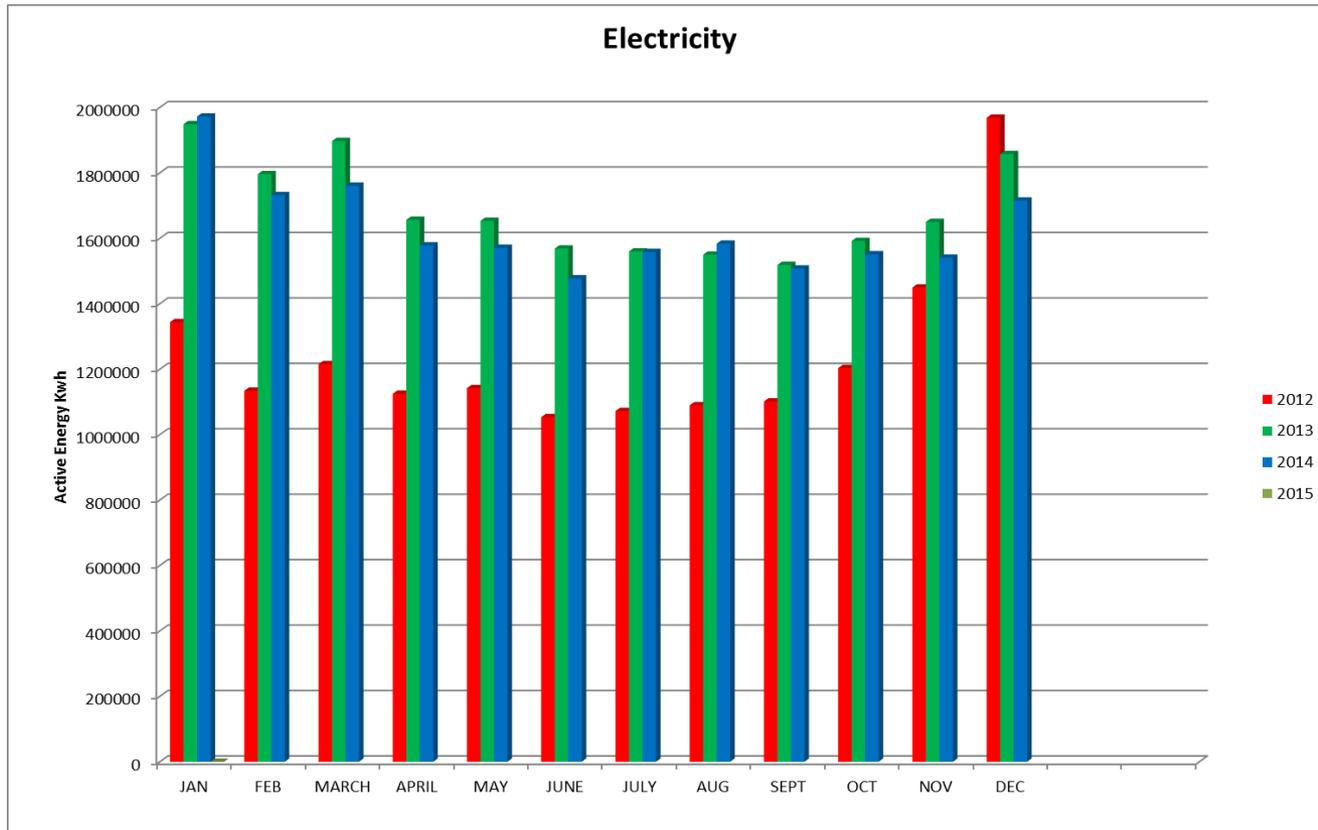
All lighting maintenance on the complex is done after 10h00 daily.

In 2014/2015 the energy consumption and maximum demand decreased in comparison to 2014. This was as a result of installing energy saving bulbs in the retail area.

The following initiatives have been completed:

- * Halogen spotlights were replaced with RFL7 bulbs
- * All halogen lights in the casino were replaced with LEDs
- * All halogen lights in the Retail Complex were replaced with LEDs
- * All 40,000 Tivoli lights were replaced with LEDs
- * All chandelier lights were replaced with Compact Fluorescent Lamps (CFLs)
- * All wall lights were replaced with CFLs
- * All gooseneck lights, lights in the go-kart track, staff car park and main car park are currently being changed to energy savers
- * In the hotel, bookings are strategically allocated per floor on quiet days in order to save on heating and lighting costs for empty floors
- * The hotel's indoor pool is heated through the warm air by-product of the air conditioning system. This exchange takes place in the hotel's Central Energy Plant or Chiller Plant
- * The casino's Building Management System (BMS) was upgraded to ensure the best output from the Chiller Plant in terms of energy consumption
- * Air-conditioning sensors are installed on the gaming floor and linked to the BMS which controls and monitors the building's mechanical and electrical equipment such as ventilation, lighting, power systems, fire systems, and security systems.
- * Electric boilers have been replaced with heat pumps.

Electricity Usage



Comment Form

Please forward to Dean Blom at The Boardwalk: dean.blom@suninternational.com or call 041 507 7937

What is your overall opinion of the report?:

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Excellent

Good

Poor



Comments :

Suggestions: