2016 Environmental Report The Boardwalk Casino, Hotel, Convention Centre & Spa

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Information: Anthony van Goeverden – Maintenance Manager Colin Carmody – L&D Manager Nirusha Naidoo – L&D Coordinator 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



"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:

- 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 out 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:

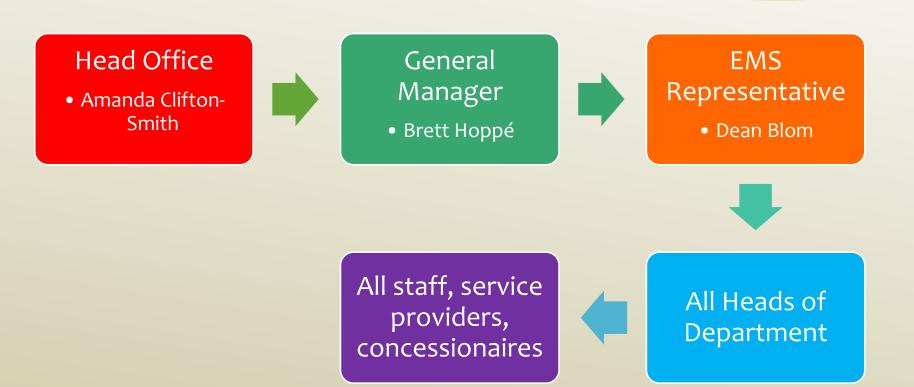
- Supporting and applying the responsible gambling initiative
- Involving ourselves in sustainable community projects that contribute to social upliftment
- * Creating business linkages that support local enterprises
- * Developing our staff to maximise their potential through training
- Protecting biodiversity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



"We continue to monitor our energy, water usage and waste generated to limit our impact on the environment".

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

- The Boardwalk Casino and Entertainment World is pleased to present its 15th annual Environmental Report. This 2015/16 edition of our Environmental Report details our efforts to promote and conserve a sustainable environment and community, while reducing waste and energy consumption.
- The Boardwalk has endeavored 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. A testimony top that is that no contravention notices received from any statutory monitoring body.
- The Boardwalk with the retail tenants continue to deliver a clean, environmentallyfriendly 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 which is tested monthly for water quality.
- 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 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.
- We are continuously strive to reduce electricity and water usage and waste generation on the complex. Great effort has been made to reduce waste to landfill and in this regard we have successfully implemented a zero usage of plastic water bottles in both our conference facilities as well as Casino gaming floor thus reducing plastic to landfill and cost saving.
- 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 Our initiatives Such as Sun International CEO sympathy sleep out, and Operation Hunger have been very successful and benefitted the local communities in which we operate. These will be detailed in the CSI section of the report.

Message from The Boardwalk Casino, Hotel, Convention Centre & Spa Environmental Manager, Dean Blom



"there has been a increase in recycling and reduction of waste to landfill"

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 following of the green initiatives as well as social responsibility from the management as well as service providers performance and are measured on monthly basis and records sent to group head office for sustainability reporting.

The past year there has been a significant reduction of waste been sent to landfill due to increased recycling efforts of the preferred service provider Oricol who is responsible for the sorting, removal and recycling of all waste from the complex.

The accurate measurement of all water, electricity and energy usage on complex it has been able to establish area where improvement objectives can be formulated.

In effort to reduce water usage reusing of grey water from hotel for gardens has been started and will be expanded of the coming year. The replacement of most lighting to energy efficient bulbs so saving in this regard is

Several social responsible projects have also been completed during the year as discussed in this report.

Water discharge quality monitoring from complex onto our neighboring beach is also still ongoing monthly so as not to impact on the blue flag status.

This beach has been draw card for the city for several events most notably the Iron Man which is gaining in popularity which is supported by The Boardwalk complex.

The complex continues to be a focal point on the Port Elizabeth beachfront with premier facilities enhancing the metro.

Through the continued application of recycle, re-use and reduce and continued measurement and improvement we aim to continue to be a valuable and sustainable part of the Port Elizabeth Business community.

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)
- 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 implantation 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 been followed and changes in legislation are updated as necessary, where relevant to the activities at The Boardwalk.

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 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		 Adoption of the Group Sustainability Policy; Aspects and Impacts Register has been developed for our environmental impacts and risks. 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.
Continuous improvement of environmental matters		There is every effort made to improve on previous performance.
Annual environmental performance report		This report details our environmental performance over the last reporting year.
EMS audits		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		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 R136,216 302 .The other key areas of expenditure are shown in the tables below expressed in rand:

Municipal Services	
Property Rates	R 12 528 024
Electricity	R 19 391 193
Water and sewage	R 1 432 915

Service Providers	
Oricol Waste Management	R485 754.62
Supercare	R2 764 271.43
Spin Queen	R934 203.12
Bambanani	R178 199.10
Servest	R867 898.14
HRG	R5 651 837.70
Millicare	R371 819.39
Lotus Steam Laundry	R1 779 021.69
Khangela Hygiene & Industrial Services	R2 265 296.17

Objective 1	
To minimize energy consumption at The Boardwalk Casino and Entertainment W	orld

Targets	Key Performance Indicators	
To maintain current energy consumption and to reduce the current usage	Energy Efficiency, Conservation and Management	
Programme	Ву	Person Responsible
• 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	The Maintenance Shift Manager on duty, on a daily basis	The Maintenance Manager
 All monthly results and recordings to be placed on a graph 		The Maintenance Manager
Change boilers to more efficient heat pumps		The Maintenance Manager

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	Ву	Person responsible
To ensure that a Monitoring Management System is in place	This is in place	The Maintenance Manager
 To ensure that all service providers and concessionaires assist in managing water resources 	As soon as business commences at the unit	The Environmental Manager
 To ensure sufficient signage is displayed on the complex in all areas 	At all times	The Environmental Manager
 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

Objective 3 To minimise waste volumes at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicator	s
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	Ву	Person Responsible
• To ensure that all cardboard not damaged and full volumes of cardboard are recycled	Daily	The Waste Site Manager
• 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
To match increased waste generated with improved methods of re-cycling	On-going	The Waste Site Manager

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	Ву	Person Responsible
 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
 To ensure that every incident regarding spillage is immediately recorded into the Incidents Register 	Daily	The Environmental Manager and Health and Safety Manager
 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

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	Ву	Person Responsible
• Security personnel to monitor and watch over the complex on a 24 hour basis	Daily	The Security Manager
 Security personnel to monitor suspicious movements on the complex which pose a risk 	Daily	The Security Manager
 Security personnel to monitor the complex for any signs of smoke resulting in fire 	Daily	The Security Manager
 Security personnel to monitor and ensure the safety of the property (building or product) 	Daily	The Security Manager
Security to carry out evacuation and fire drills	Bi-Annually	The Security Manager

Objective 6

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

Targets	Key Performance Indicator	rs
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	Ву	Person Responsible
 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
Staff and committee identify projects together		
Proposals are received from interested parties in writing		
 Committee evaluates proposals according to guidelines in the policy 		
Allocations are made in accordance with financial guidelines		

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	Ву	Person Responsible
 To ensure that a consistent daily schedule is in place identifying all areas as part of a cleaning programme 	Daily	The Cleaning Contracts Manager
 To ensure a deep clean of all ablution areas is carried out and inspected 	Daily	The Contracts Manager
 To ensure that the cleaning management team monitor all aspects of all job executions 	Daily	The Shift Supervisors

Objective 8 To achieve a return of equity and maintain profit at The Boardwalk Casino and Entertainment World

Targets	Key Performance Indicators	
Programme	Ву	Person Responsible
 To ensure that the financial department manages and executes its duties correctly 	Daily	The Financial Manager and company accountants
All system and financial documentation are balanced daily	Daily	The Financial manager
 To effectively balance the books on a daily basis to ensure recordings and returns are carried out 	Daily and Monthly	The Casino Accountant
• To effectively have quarterly audits conducted to ensure absolute correctness	Quarterly	Group Internal auditors.

Objective 10

To promote responsible gambling at The Boardwalk Casino, Hotel 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	Ву	Person Responsible	
Be guided by the Responsible Gambling Programme	Daily	The Surveillance Manager	
Responsible Gambling Audits carried out	Monthly and Quarterly	The Surveillance Manager	
There is to be a monitoring programme in place to identify possible problem gamblers	Daily	The Surveillance Manager	
 To ensure that Marketing and Advertising efforts relating to gambling comply with legislated stipulations and casino initiatives 	Daily	The Surveillance Manager	
Monitor legal non-compliance until closed-out, if required	Daily	The Surveillance Manager	

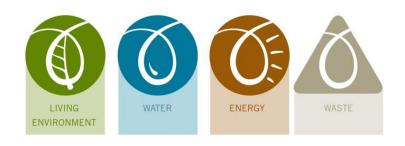
Objective 11

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	Ву	Person Responsible	
Prepare a policy and review	Done	The Boardwalk Environmental Committee	
Identify the environmental scope and set up	Done	The Boardwalk Environmental Committee	
• A policy and procedure manual to be in place and reviewed	Daily	The Boardwalk Environmental Committee	
Incident reports to be filed and completed	On-going as per incident occurrences	The Boardwalk Environmental Committee	
 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

Case Study – Waste management...

Waste Management and reduction is a key environmental issue at The Boardwalk. A new service provider was appointed and Oricol is the new waste service provider and runs The Boardwalk's waste management operations.

Data on waste volumes for the past 9 years is shown in the table below. As can be seen a large increase in the percentage of the total waste been recycled has been achieved mainly de to increased recycling of paper and cardboard. The increased recycling as well as reduced plant material from gardens due to initiatives has reduced the total amount of waste sent to landfill.

The change to new service provider has therefore increased efficiencies and will continue to be monitored.

	2008 Tons	2009 Tons	2010 Tons	2011 Tons	2012 Tons	2013 Tons	2014 Tons	2015 Tons	2016 Tons
Cardboard/ Paper	45	59	39	40	39.5	59	67	71	273
Plastic	10	12	11	12	4.5	6	3.5	14	11,1
Cooking Oil	0	0	0	0	0	0	3	3.1	2,9
Cans	11	17.5	11	13	11	11	12	17.4	4,7
Glass	70	65	75	82	77	82	73	73	54
E-waste	0	0	0	0	0	0	1.5	3.4	0,96
Landfill waste total	620	641	549	568	558	634	569	570	432
% RECYCLED	21	24	24	25	23	24	28	31	44

Case Study – Waste Management...

- * The recycling of old cooking oil for bio fuel continues.
- E waste is also been sent to recycling company and fluorescent tubes been treated hazardous waste and reporting figures and disposal certificates obtained.
- The waste to land has shown a marked decrease due to increase recycling initiatives by service provider responsible.





Case Study - Waste Management...





Case Study – Waste Management...





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 nonsharp 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

The Boardwalk Gardens:

- * With constant environmental challenges being faced, organisations such as Sun International are constantly looking for 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 Hotel and Casino complex continue to embark on numerous green initiatives in order to aid the client in achieving their environmental goals.

Reduction in waste sent to Landfill:

- * Servest have continued in our efforts to manage and minimise the amount of green waste sent to landfill.
- * This has been done through the continued systematic sorting of waste materials into compostable, mulch, and weed/waste components.
- Compostable materials are fed through a chipper with chippings being placed on a heap which is then taken through the composting process and eventually reintroduced to the garden areas.
- * Materials with a drier nature suitable for mulching are also chipped and then placed in planted areas as mulch in order to slow down evaporation and thereby reduce water consumption.
- * The remaining clippings, weed/waste material and grass cuttings are removed to landfill.
- Currently we are still on track with regards to our target of approximately 30m³ green waste removed from the site monthly.

The Boardwalk Gardens...

Alien Vegetation Management

- * The Boardwalk premises are bordered to the South and West by a large tract of open, undeveloped land.
- This area has a very high density of alien vegetation including Eucalyptus gomphotephala (Blue gum), Acacia saligna (Port Jackson willow), Acacia cyclops (Rooikrans), and Lantana camara (Common Lantana).
- * This coupled with a prevailing south-westerly wind, results in a large number of seeds being blown onto the property and the subsequent growth and encroachment of the vegetation onto the Boardwalk premises.
- Through frequent training/refresher courses, employees are educated about the adverse effects of this type of vegetation and are taught to identify and remove small saplings that do germinate, immediately.
- * Fence lines are also regularly cleared and poisoned to prevent regrowth.

Water Management

- * The Eastern Cape is a region that is frequently beset with drought and water restrictions.
- * This provides a constant challenge regarding water management on site due to the large expanse of green areas.
- The metro continues to request saving of water and recently imposed water restrictions indicating severity of the water situation.
- * This has created the need for smart water saving initiatives to reduce the dependence of water for irrigation such as the use of hardy plant material, has allowed us to minimise the usage of irrigation to spotwatering as and when required on site the use of ground covering to reduce evaporation.

The Boardwalk Gardens...

Weed and Pest management

- The Boardwalk complex with its large lake as a central feature provides a challenging environment for landscaping due to its sensitive ecology.
- Through the use of majority indigenous plant material on site, Servest is able to minimise the requirement for the application of pesticides in planted areas due to the hardy nature of the plants utilised.
- * Hand weeding of all beds and paved areas around the lake further reduce the requirement of chemicals and the chance of contamination through runoff.
- Lawns around the complex are also being cut on higher mower settings as thicker, healthier lawns are more resistant to weed establishment, further reducing the frequency of spraying required.

The Boardwalk Herb Garden

- Nicknamed "Pete's Patch" the Boardwalk herb garden has gone from strength to strength and is used by both the hotel's and casino's chefs and housekeeping assistants.
- It continues to supply a range of herbs such as Mint, Thyme, Coriander, Basil, and Rocket for preparation of fresh dishes, Rosemary and a number of different varieties of Chilli's for cooking, and Lavender which is used for daily turndowns in the hotel rooms.
- * Such is the success of the garden, that we have expanded the herb garden into an area within the onsite greenhouse where we have constructed raised planter boxes.
- * These will allow for increased production and the use of boxes facilitates spot watering which dramatically reduces water consumption.

The Boardwalk Gardens...

Servest CSI

- * The Gelvandale Frail Care Centre, as one of the Sun Boardwalk's CSI recipients, recently had a new vegetable garden created and planted by Servest and some volunteer community members. The garden will provide the centre with fresh greens such as cabbage, carrots, spinach and butternut and will aid the centre in reducing their running costs through the production of their own vegetables.
- * Through the continued implementation of the above initiatives, Servest Landscaping looks forward to helping the Boardwalk Hotel and Casino complex in moving towards achieving its green goals.





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 (seriuus 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 (zesterops pallidus)
- Cloud Cisticola (cisticola textrix)
- Common Fiscal (lanius collaris)
- Eqyptian 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 (laniarius ferrugineus)
- * Speckled Weaver (ploceus ocularis)
- * Spectacled Mousebird (colius striatus)
- * Spotted-backed Weaver (ploceus cuculatus)
- * Spotted Eagle Owl (bubo africanus)
- * Spotted Flycatcher (muscicapa striata)
- * Stone-chat (saxicola torquata)
- * Wattled Starling (creatophora cinerea)
- * Whitebrowed Scrub Robin (erythropygia leucophrys)
- * Yellow billed kite (milvis migrans parasitus)

CSI - EDUCATION, HEALTH and WELFARE

CSI April to June 2016

Project /	Proposal	Amount
llitha Education Centre	We paid three months rental for a photocopier machine. We also sponsored a new computer for the school	R4 107.00
Healing Minds Walmer Project	We sponsored Easter edible garden to the kids of Healing Minds in Walmer. This event was well covered by the media	R6 497.00
Gelvan Frail Care Centre	We sponsored a High Tea with Ms SA for the elderly from Gelvan Frail Care centre.	R20 280.00
	TOTAL	R30 884.00

CSI January to March 2016

Project /	Proposal	Amount
llitha Education Centre	We paid three months rental for a photocopier machine. We also sponsored a new computer for the school	R19 106.00
Healing Minds Walmer Project	We sponsored Easter edible garden to the kids of Healing Minds in Walmer. This event was well covered by the media	R8 000.00
Kwa Magxaki High School	In line with Sun International flagship project we bought equipment for the consumer studies. We have also identified needy schools at Kwa Magxaki High School, Kwa Zakhele High, Ndzondelelo High and Nombulelo in Grahamstown. We sponsored 8 stoves, chairs, 4 urn, 4 microwave 3 refrigerators, and cooking utensils. We also sponsored food parcel for the handover event which was on the 18/03/2016	R218 852.00
Khayalethu ,EP MTR, Maranatha and Sinethemba	We sponsored children from 5 different charities and 5 high schools a ticket and a meal to watch the Australian circus. We also provided transport for them to the Boardwalk.	R14 196.00
	TOTAL	R260 154.00

CSI - EDUCATION, HEALTH and WELFARE...

CSI October to December 2015

Project /	Proposal	Amount
litha Education Centre	We paid three months rental for a photocopier machine	R4 107.00
Healing Minds Walmer Project	This project will be handed over to the community in February for a date to be advised. We bought teachers desk, chair and filing cabinet. Angelic wonders are sponsoring the curtain.	R5 000.00
Kwa Magxaki High School	In line with Sun International flagship project we bought equipment for the consumer studies. We have also identified a needy school at Kwa Magxaki High School. They need 3 stoves, chairs, geyser, microwave and cooking utensils.	R61 711.00
Dora Nginza Hospital and Livingstone Hospital	We bought Christmas toys for kids from Dora and Livingstone hospital	R5 000.00
	TOTAL	R75 818.00

CSI July to September 2015

Project /	Proposal	Amount
tha ducation entre	We paid three months rental for a photocopier machine	R4 107.00
ealing linds /almer roject	Mandela Day we painted and clean-up the centre. Healing minds is a community development centre that looks after women and children. We replaced the ceiling for the crèche, carpets, windows, burglar bars and a door. We also furnished the crèche with 15 tables, 25 chairs and black boards.	R15 000.00
	TOTAL	R19 107.00

TOTAL SPEND FOR THE 2015/2016 = R385 963

CSI Projects – Operation Stop Hunger

Sun Boardwalk partnered with Stop Hunger organization and packed in excess of 110 000 food parcels to be distributed to organizations to the Nelson Mandela Metro as part of Mandela day initiative.





CSI Projects – Operation Stop Hunger...



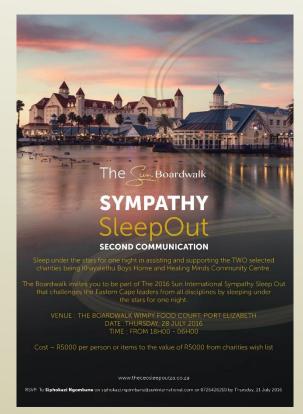


CSI Projects – Easter edible garden Walmer Township





CSI Projects – CEO sympathy sleep out





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
---	-------------

- * 22 March
- * 29 March
- * 5 June
- * 1-7 September
- * 27 September
- * 1 December

Water Week

- World Water Day
- Earth Hour
- World Environment Day
- National Arbor week
- World Tourism Day
- 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 2014 to June 2015, **130** self-exclusions were completed. From July 2015 to June 2016, **101** were completed, which indicates a decrease of **78**%.

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 females were marginally more than males.

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

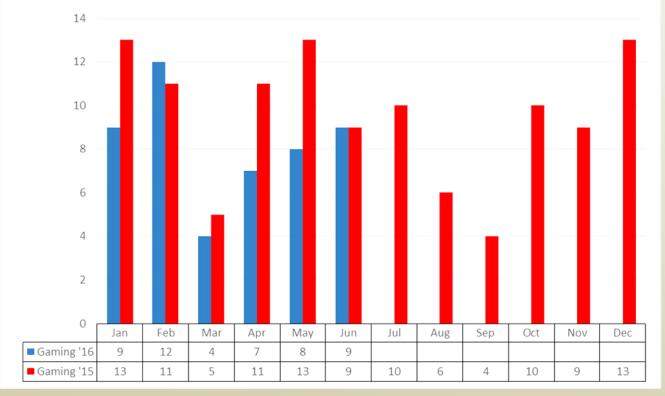
To ensure that our marketing and advertising efforts relating to gambling comply with legislated stipulations and casino industry initiatives, Sun International complies with its Responsible Gambling Policy. All of The Boardwalk staff are required to undergo Responsible Gambling training.

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 2015 to March 2016 was the same as previous year at **96%**.

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 2015 – June 2016





Case Study – Waste Generation

In effort to save water and reduce the amount of plastic bottles been sent to landfill and recycling the flowing was implemented:

- All plastic bottled water that was used in casino, hotel and conference facility was replaced with reusable glass bottles.
- With this conversion it lead to a reduction of 2500 plastic bottles been used monthly.
- The glass bottles are filled with filtered water from two filtration plants installed at the casino and hotel.
- This conversion apart from reduction of waste been generated, it lead to a savings of 30000 plastic bottles to landfill and monetary saving of more than R115 000,00.





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.

The water and energy usage of retail tenants is monitored and all the waste generated is brought to central waste yard for sorting and recycling.

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.

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 a 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 CEO 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.

Boardwalk Lake System

Nelson Mandela Metropolitan University continues to monitor water quality of the lake.

The NMMU continues to assist with the management of the micro algae in the lake.

The monthly water samples and analysis of the lake water is still been done monthly to test for toxic algae and water quality.

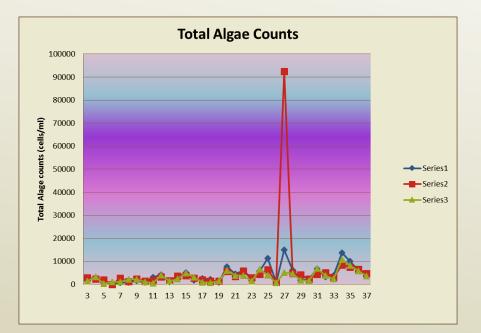
The lake consists of approximately 17 000 cubic metres of water which circulates over three days in the treatment process.

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 especially after rains due to run off from gardens increasing nutrients.

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 seen by the amount of fish, frogs and birdlife present.



Management of the Lake System

InnoVenton

Analytical North Campus, P.O. Box 77000, Port Elizabeth, 6031, South Africa. 1-11 Gomery Avenue, Summerstrand, 6001 Fax: 041 504 1846 ;Ph: +27(0)41 504 3246 mailto: Louise.Hamilton@mmu.ac.za



for tomorrow

	PRELI	MINARY TEST REPORT	
DATE	25 August 2016	REPORT NUMBER	16/275
CONTACT PERSON	Dean Blom	DATE SAMPLE RECEIVED	27 July 2016
CUSTOMER	The Boardwalk Casino and	TEL	041-507 7777
DETAILS	Entertainment World		041-507 7752
	2 nd Avenue Summerstrand Port Elizabeth 6001	EMAIL	Dean.blom@za.suninternational.com

IA NUMBER	SAMPLE DE	SCRIPTION	DESCRIPTION	ORDER NUMBER	DATE ORDER RECEIVED
2016-758 2016-759 2016-760	Water Water Water		Main Lake Boat Amphitheatre	P365326	26 July 201
ANALYSIS RE TEST METHOD		*TM-P-12	Monitoring, 27 ¹ : *TM-P-142 ¹ , *Ei *Turbidity	QP-032, TM-P-002, TM	-P-
DATE LAST A	NALYSED	23 Augus	st 2016		

Quality Manager	Dr. G. Dugmore	
Technical Manager	L. Homilton	
Technical Signatory	T. Dokwana/N.Raepsaet	

Following conditions apply to all services rendered:

C

- Analysis was done by an Approved Subcontractor
- ² 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.
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- Information contained in this report. If this report is used in an improport or unauthiorized manner, innoVenton reserves the right to withdraw if wholly or in part and also to take any other remedial action considered meassary. There is no description of how primary samplang was concluded 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 intermation are \$32071 (TIOS)

InnoVenton

Analytical North Campus, P.O. Box 77000. Port Elizabeth, 6031, South Africa, 1-11 Gomery Avenue, Summerstrand, 600 Fax: 041 504 1948, Pri- 427(9)41 504 3245 mailto: Louise.Mamilton@rmmu.ac.za and, 6001



Appendix 1:

Customer Description	Main Lake	Boat	Amphitheatre
LA#	2016-758	2016-759	2016-760
Analysis unit	Results		
Total Microalgal Count Cells/ml	3 730*	4 775*	3 635*
Total Bacterial Count CFU/ml	1 600	1 950	2 100

Appendix 2: Chemical Water Quality Lake Water Monitoring

Customer Description	Main Lake	Boat	Amphitheatre	SABS 241 for drinking water Class II
IA#	2016-758	2016-759	2016-760	recommended
Analysis unit		Results		operational limits Ed.6
pH	8.46	8.44	8.42	4-10
TDS mpl	859.0	851.0	853.0	1000 2400
Conductivity mS/m	142.3	142.5	142.9	150-370
Turbidity NTJ	15.07	13.19	37.80	1-5
		Macro - determinants		
Chlorides as Cl. mg/l	301.8	315.7	322.4	200-600
Nitrates as NO2 mg1	4.07	4.13	4.26	10 20
Sulphate as SO ₁ rrg/L	61.43	55.22	61.11	400 600
Hardness mp/L	153.0	197.0	157.0	Weter up to 200mg/L is suilable for household une.

METHOD STATISTICS

ANALYTE	TEST METHOD	LOD	Uncertainty
pH	TM E-003	0.164 units	0.055 units
Electrical Conductivity	TM E-002	10 µS/cm	2.97 µS/cm

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

Page 2 of 2





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 3 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 3 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).

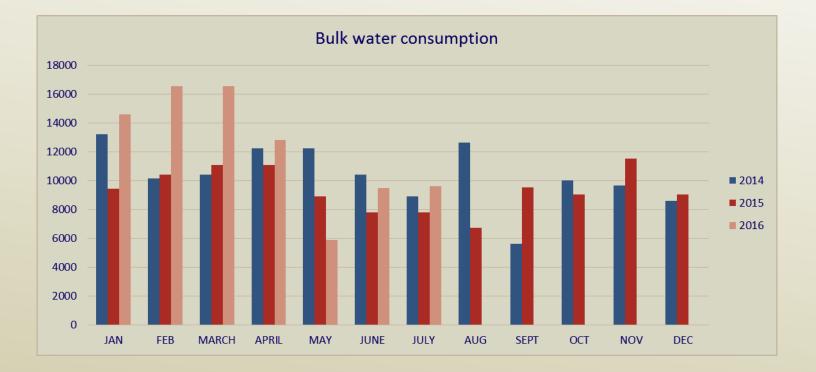
Water Saving

Water:

- * We are now using waste water from hotel for irrigation of hotel gardens.
- * We have fitted 4 X 10 000 liter tanks to collect grey water for irrigation use in the Hotel gardens. This will later be extended to accommodate other areas on complex. Below is a photo of the installation.



Bulk Water Meter Usage



The Boardwalk Energy

ENERGY

The initiatives taken to date for 2016 include:

Hotel - Removing all outside 40 Watt halogens and replacing them with 8 Watt LED spots.

Hotel - Finish replacing all 50 Watt halogen down lights with 8 watt LED lights in all public areas.

Hotel - Replace all decorative and wall lights with CFL and LED.

Retail – Complete the back of house car park light conversion from incessant to CFL.

Casino – Re-pipe the Smoking casino chiller so as that it is integrated into the main casino chiller, this then allows us to turn the smoking casino chiller off throughout the colder winter periods and run only on the main casino chiller.

Casino – we have started replacing all L₃₆ and L₅₈ florescent lights in public areas with an equivalent LED.

Hotel decorative chandelier converted to LED



The Boardwalk Energy...

Hotel wall light converted to LED

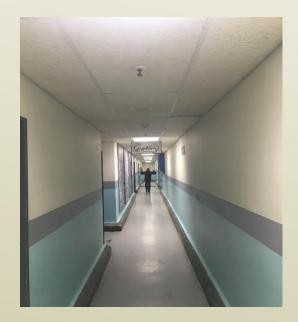


Hotel outside halogen to LED conversion



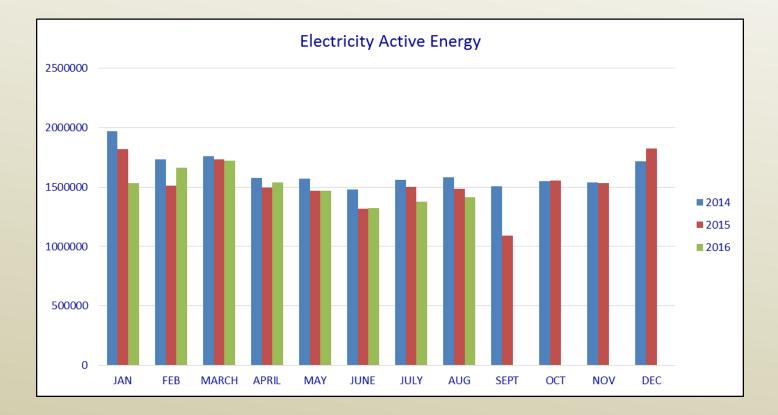
The Boardwalk Energy...

The below shows casino walkways converted from FL to LED





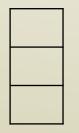
Electricity Usage



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?:



Excellent Good

Poor

Comments :



Suggestions: