



**BUCUTI BEACH RESORT**  
**Environmental Practices & Energy Conservation**  
Updated: 4/06/2011

**Fitness Center:**

- Energy saving light bulbs and motion sensor light
- Open air, no A/C or fans
- Replaced plastic cups with paper & encourage guests to use water canteens
- Security turns off lights & equipment (10pm to 6am)
- Towels are old beach towels that have been converted
- Environmental Policy posted
- Recycling bins for aluminum, glass and paper
- New GYM equipment installed lubricates by itself, doesn't use any energy as they worked based on dynamic energy

**Cafeteria:**

- Lights turned off at 7pm by security when securing the area
- "Green / Quality Corner" to display environmental & quality items
- Display showing our community involvement
- Energy saving light bulbs
- Television on timer
- No disposable items used (forks, knives, spoons, plates, cups etc.)
- Environmental Policy posted
- Water saving faucet HAACP approved
- Recycling bins for aluminum, green glass and paper
- A/C set for 7am to 7pm use only
- Ozone machine controls a number of molds, mildew, algae and bacteria present in the environment.
- Tables and chairs are reused from the Pirates' Nest
- Computers for associates use equipped with screen saver
- Lending library for associates
- Transfer breakfast items to cafeteria
- Gas on steam table on 11 to 2pm and 4:30pm to 7:00 pm only
- Juice bought in bulk containers

**Associate Restrooms:**

- Bulk shampoo/soap/lotion dispenser in shower; locally made products
- Energy saving bulbs
- Lights on motion sensor
- Water saving toilets
- Water saving showerheads
- Soap in a dispenser not individually packaged
- Save water signage
- Water saving faucet HACCP approved
- Toilet paper, small portion on rolls, reused from guest rooms

**Hallway To H. O. T. H.**

- Hallway lights on timer
- Housekeeping corridor ceiling light on motion sensor
- Energy saving bulbs

#### **Housekeeping & F&B Office:**

- Energy saving bulbs
- Lights on sensor
- A/C in offices and liquor storeroom on 7 am to 7 pm and food storeroom no A/C
- Environmental policy and Purchasing policy posted and adhered to
- Bulk purchasing when available
- Transfer items from cardboard to plastic bins; recycle cardboard
- Purchase in returnable containers
- Storeroom is HACCP compliant

#### **Maintenance**

- Energy consumption tracked and information shared
- Incentive Programs based on savings of energy
- Batteries, light bulbs and paint are separated from refuse
- Freon R-12 recycled and most equipment is using R-22 and R-134a
- Environmental policy and Purchasing policy posted and adhered to
- All internal correspondence paperless
- Annual testing for Legionella; water circulation monitored weekly so that water does not stand for more than 10 days.
- Berson Inline UV lights installed on all water supply lines which combine a wide spectrum of useful UV wave lengths with a very high energy output. This combination causes total and permanent deactivation of micro-organism, avoiding photo reactivation.
- UV system for grey water system
- Contractors agreement in place to ensure adherence to our Environmental Policy while working
- Equipment energy star rating checked prior to purchase

#### **Dumpster Area**

- Recycle bins for carton, glass, aluminum, paper, food waste and vegetable oil
- Meters on gas tank to monitor usage

#### **Laundry:**

- Solar heated water
- Waste water reused for irrigation
- Convert stained and damaged linens i.e. bath towels to wash cloths or hand towels, sheets to pillowcases etc.
- Reuse stained and damaged linens as rags if unable to convert
- Load the machines (dryer & washer) to maximum capacity
- Using environmentally friendly laundry detergents.
- No A/C

#### **Administration Offices:**

- Energy saving copy machine
- Reuse paper for back ups
- A/C on timer on at 7am and off at 7 pm
- Sales kits consist of brochures and business card with link to Bucuti marketplace website
- Website gives information to TO or TA without use of paper
- Track consumption of copy paper and printer cartridges
- Maintain Training Records and all documentation on environmental issues

- External email contains green tag line
- Majority of internal correspondence paperless via e-mail
- Reservations informs guests about monthly beach clean ups and other environmental activities prior to arrival
- Reservations offers a green package focusing on local activities, flora and fauna
- Eco Chic Weddings offered with DIY, do it yourself, projects
- Environmental policy and Purchasing policy posted and adhered to
- Maintains training records on Emergency procedures and schedules CPR, First Aid, Fire and HACCP training annually
- Maintains records on all departmental training and follows up on annual training plans
- Newly hired associates are issued their own re-useable durable plastic cup
- Paperless training support with Bucuti university

### **Guest Laundry**

- Environmental policy posted
- Solar heated water
- Energy efficient appliances
- Furniture is reused from the guestrooms and activities lobby
- Recycling bins present
- Light on sensor

### **Public Restrooms:**

- Energy saving bulbs
- Lights on a sensor
- Water saving toilets
- Save water signage
- Water saving faucet HACCP approved
- Soap dispensers
- GFCI outlet protected

### **Business Center:**

- Recycle bin for paper
- Energy saving bulbs
- Lights on motion sensor (Security check -twice or three times per day to ensure the switch is in “Auto” and not “On” position)
- Venetian blinds on east-facing window to block morning sun
- Bell/Security staff make periodic inspections of computers to ensure they are not online
- One computer station turned off 11pm-7am and all have screen savers
- Energy saving copy machine
- Environmental Policy posted
- ISO Certificates posted

### **Mini Market:**

- “Green Corner” showcases items made during recycling contest and newspaper article
- Continually search for additional local suppliers as well as products made on Aruba
- Energy saving bulbs
- Light on motion sensor in storeroom
- Environmental policy and Purchasing policy posted and adhered to
- Recycle signage and containers
- Expired license plates donated to the Mini Market for (“One Happy Island” souvenirs)
- Reuse of packing materials to store and to wrap souvenirs
- Shopping bags provided only when necessary and are recycled bags.

**Front Desk/Lobby:**

- Energy saving LED bulbs; lights not turned on until necessary
- Recycle paper
- Reuse keycards
- Recycling bins
- Inform guests of environmental programs; encourage their participation (reuse of linens & recycling)
- Guests shown location of Environmental policy
- Maintain electronic logbook via internal network
- Monitors Emergency Procedures
- Paperless correspondence
- Trophy case featuring environmental and service awards
- Furniture made from recycled plastic material
- Folios double sided
- Does not use color print if not necessary

**Activities/Deck:**

- Energy saving bulbs
- Recycle bins (encourage guests to give them their bottles and cans and not to throw away)
- Issues useable water canteens to guest
- Include environmental issues in newsletter
- Maintain lending library of books that have been left by previous guests
- Environmental policy posted
- Inform guests of environmental programs and encourage their participation (beach clean up, focus groups, recycling contest, etc.)
- Consolidate flight inquiries etc. so number of calls reduced out
- Recommend cultural events, Eco Tours and Historical Tours/Bird Watching, Plant Tour
- Maintain activities on electronic screen and in Activities book with laminated pages rather than hand out fliers
- Maintain a restaurant book with copies of menus to eliminate unnecessary calls with inquiries
- Discourages activities that are harmful to the environment
- Furniture made from recycled plastic material

**Parking Area:**

- Use high pressure sodium and energy efficient bulbs
- Lights on timer and sensor

**Garden:**

- Gray water is used for irrigation in most areas however; sweet water is used around main entrance and circle.
- There is a three-chamber water tank set up to hold the gray water as well as an old sewage line that has been capped for use as a storage tank.
- Sprinklers are on timers which are adjusted depending on amount of rainfall
- Palm fronds are used for beach hut roofs
- Lawn clippings composted
- Chipper used to make mulch from tree trimmings
- Walkway bollards use energy efficient bulbs and are set on timer
- Old soap used in irrigation water to reduce mosquitoes
- Grow additional plants for existing gardens
- Plants labeled with common and scientific names

### **Guestroom Building, Corridors and Stairs:**

- Energy efficient bulbs and in the process of converting to LED lights
- No A/C or fans in stairways
- 400 gallon solar water tank on roof (8 panels) on Bucuti 600 gallon (6 panels) on Tara
- Aerators in use in all sinks.
- Automatic A/C shutoff when balcony doors are open longer than 20 seconds
- Water saving showerheads (60% savings)
- Water saving toilets
- Soap, shampoo and lotion in a dispenser rather than individual packages and locally manufactured product comes in a returnable 5 gallon container
- Recycle paper, aluminum, newspaper, soap, candles and glass
- Most bulbs are energy efficient
- Balcony lights on sensor in Bucuti and timer in Tara
- Low voltage electronic door bells, do not disturb and make up sign eliminate plastic signs
- Changing of bed linens only on Wednesday and Saturday and on request or check out
- Towels changed only if found on floor or in tub and at check out
- Room Attendants and House Attendants using organic cleaning chemicals or citrus cleaner
- Use cloth laundry bags made out of discarded sheets not plastic
- Signage for guest awareness for water and energy conservation
- Use ozone machines rather than aerosol air fresheners
- Use ionic breeze to clean air
- Dehumidifiers in rooms and water claimed used in gray water system
- Insulated draperies closed to last window section to reduce A/C usage Bucuti
- Water recycled for garden
- Associates trained to report leaks and turn off lights when not in use
- Information Channel on TV eliminates excessive amount of paper given at check in
- Placement of newsletter and misc. information for our guests regarding environmental programs
- Sofa in Tara made from recycled plastic
- The blocks used to construct Tara made from recycled material
- A map with a walking tour of Bucuti's plant life located in all rooms
- Traveler safety tips located in all rooms
- Green channel on TV featuring our green practices
- Voice mail text message on TV
- Folio review on TV
- Event calendar in the room binder
- Newspapers delivered in bags made from discarded sheets
- Green Button: The fully automated system uses motion detectors and door sensors to identify when the room is occupied and unoccupied and adjusts energy settings accordingly. For example, when the sensor identifies that a guest has left the room, lights are automatically turned off and the temperature is set to pre-determined conservation levels. The system also identifies check-in and check-out status so that the energy management status remains intact, even if housekeeping staff are moving about the room.
- Introduction of a "Green Channel" with an Environmental Video so we can inform our guests and employees of our commitment and continuous improvements in this area.
- Invisible Housekeeping to eliminate visual contamination in corridors.

### **Pirates' Nest / Sand Bar:**

- Aruban dinner special offered weekly
- Energy efficient bulbs
- Durable cups at the bar replaced disposable cups
- Water saving faucet HACCP approved Missing One

- Recycle paper, aluminum, newspaper, oil and glass
- When purchasing equipment review energy saving information
- Biodegradable plastic cups for to-go drinks made from corn husk
- Open air, no A/C
- Water recycled for garden
- Guest asked if they would like water before automatically pouring
- Guest asked if they would like a straw not automatically given
- Solar panel for heating water to dishwasher (100 gallons)
- Portion control items practically eliminated through continual investigation
- Weekly internal HACCP inspections with management and bi-annual external inspections
- HACCP colored cutting boards,
- HACCP temperature controls of food and coolers to maintain safety
- Restaurant and kitchen staff continually trained on HACCP standards
- Grease trap installed and maintained
- Reuse breads from breakfast to make croutons and bread pudding
- Restaurant and bar deck made from farmed wood
- Restaurant and bar furniture made from recycled plastics
- Scrap food given to local pig farmer
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#### **Pool Area:**

- Use of paper filters for pool filtration
- Pool deck lights on timer and are LED
- Pool tested daily and treated according to results
- Weekly safety inspection
- Deck made from farmed wood
- Deck Furniture made from recycled plastics
- Umbrella poles recycled from the previous restaurant furnishings
- Recycling bins

#### **Miscellaneous:**

- Card board, glass, oil, batteries and aluminum are recycled
- Business paper and newspaper recycled
- All offices recycle
- Copies are double sided whenever possible and single sided sheet reused for scratch paper
- When paper can no longer be recycled internally it is shredded and given to FedEx for packing material
- Environmental section on Web Site
- Environmental tag line on out going emails from offices and on all welcome letters
- Environmental questions on comment cards
- ISO used on all paper goods where appropriate
- Iguanas breed on the resort
- Turtle nesting areas on the beach marked with appropriate signage (when necessary)
- Conduct monthly Beach Clean Ups w/guests invited to participate
- On going training with associates & the community on environmental issues
- Recognize suggestions for environmental improvements through Bucuti's Best (associate reward program)
- Conduct annual Guest Focus Group on environmental issues
- Green Team in place
- Member of AHATA Environmental Committee
- All Managers required to prepare a Green Action Plan in addition to their Strategic Plans which are reviewed each month
- Documentation of ongoing training with all associates

- Release newspaper articles and participate in television discussions regarding environmental issues
- Sponsor Animal Rights Aruba adoptions
- Sponsor Donkey Sanctuary Calendar and donation box in lobby
- Sponsor environmental posters and commercials asking for assistance in protecting our environment
- Sponsor two environmental contests with resort associates annually with guest invited to participate as judges
- Emergency procedures manual located throughout the resort and updated annually; associates continually trained on procedures
- Environmental Power Point Presentation prepared and used for educating school groups, hotels and businesses
- Member of EBA CAST, ATA and AHATA
- ISO 14001 certified and Green Globe Certified, Travelife GOLD Award certification 2011
- Maintains EMS documentation
- CHA prepared case study on Bucuti's Environmental practices as a link from their website
- Discarded linens and furniture donated to the home for the aged, children's home and other charitable organizations
- Conduct annual fire drill with guest, associates and fire department during International Fire Prevention week
- Drug free working environment supported with random drug testing
- Health certificates for all F & B associates on file
- Reduce lights at night during turtle nesting season
- Unclaimed lost and found items donated to children's home & home for the aged
- Sponsor fitness activities for associates
- Purchase Donkey Sanctuary post cards for associates to give to their repeat guest
- Resort has chilled water a/c with closed system
- Carbon offset program offered on our website
- Purchased passes to Parke Arikok for all associates to support the National Parke
- Introduction of a "Green Channel" with an Environmental Video so we can inform our guests and employees of our commitment and continuous improvements in this area.
- Introduction of the Clean Canteens or re-usable aluminum bottles. In order to minimize the use of plastic bottles through the property we are offering FREE aluminum bottles to our guests upon check-in so they have the option of refilling this bottle instead of buying plastic all the time. These bottles are also issued to the staff members who participate in the beach cleanup program on a monthly basis.
- Pet Adoption program: Bucuti will cover the cost of the original vaccine and booster as well as spay/neutering of adopted dogs when associate has fence yard or when cats kept inside.
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