



## BUCUTI BEACH RESORT Environmental Practices & Energy Conservation

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### **Fitness Center:**

- Energy saving light bulbs and motion sensor light
- Open air, no A/C or fans
- Replaced plastic cups with paper
- Security turns off lights & equipment (10pm to 6am)
- Towels are old beach towels that have been converted
- Environmental Policy posted
- Recycling bins for aluminum, green glass and paper

### **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
- Computer 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
- Green & Quality corner in HK office

### **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
- Paperless work order system
- 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, green glass, aluminum, paper 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 6 pm
- Sales kits consist of brochures and a CD eliminating paper use
- 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 glass
- Electronic presentation for orientation

### **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 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)
- Include environmental issues in
- 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
- Recommend cultural events, Eco Tours and Historical Tours/Bird Watching, Plant Tour
- Maintain activities in Aruba 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
- 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 green 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 power point presentation
- Voice mail text message on TV
- Folio review on TV
- Event calendar in the room binder
- Newspapers delivered in bags made from discarded sheets

### **Pirate's Nest / Sand Bar:**

- Aruban dinner special offered weekly
- Energy efficient bulbs
- Durable cups at the bar replaced disposable cups
- Water saving faucet HACCP approved
- Recycle paper, aluminum, newspaper, oil and green glass
- When purchasing equipment review energy saving information such as done when acquiring new ice machine
- 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
- Cultural Night Event
- 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

### **Pool Area:**

- Use of paper filters for pool filtration
- 1/10 of the water used as no back washing required
- Pool deck lights on timer
- Pool tested daily and treated according to results
- Weekly safety inspection
- Deck made from farmed wood
- Deck Furniture made from recycled plastics
- Umbrella pools recycled from the previous restaurant furnishings
- Recycling bins

### **Miscellaneous:**

- Card board, green glass, soap, 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 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
- 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
- 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
- Sponsor fitness activities for associates
- Donate to Animal Rights Aruba
- Purchase Donkey Sanctuary post cards for associates to give to their repeat guest
- Sponsor of Donkey Sanctuary Calenday (July 09)
- Resort has chilled water a/c with closed system
- Carbon offset program offered on our website