



Environmental Protection Agency

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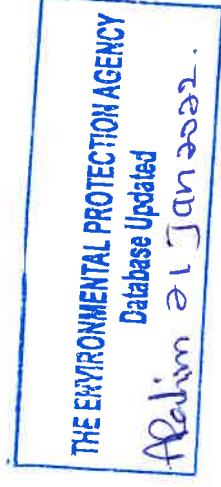
Environmental Permit (Renewed)

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

Reference No.:	20140407-LBHRH
Fee:	Small (C1) - US\$ 500 (5 Years) i.e., US\$ 100 per year
Fees paid:	US\$ 500 (November, 2021 to October, 2026)

Addressee(s): Mr. Lancelot Bacchus
Proprietor
Millenium Manor
43 Hadfield Street
Stabroek
Georgetown.

Activity: Operation of a Hotel



Lancelot Bacchus, trading and operating under the name Millenium Manor, hereinafter referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate a Hotel located at 43 Hadfield Street, Stabroek, Georgetown, Guyana, hereinafter referred to as "the Project", in the manner indicated in the Application for Renewal submitted on July 20, 2021, subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing or forthcoming regulations made under the said Act and/or any other applicable laws, best practices, guidelines and standards relevant to this project.

This is a Renewal of the Operation Permit, Ref. No.: 20140407-LBHRH, issued on September 26, 2014, which expired on July 31, 2019. This Environmental Permit (Renewed) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

Terms and Conditions for Operation to be adhered to by Permit Holder, His Servants, Agents and/or Sub-Contractor(s):

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Environmental Permit (Renewed) – Ref. No.: 20140407-LBHRH

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1.0 OPERATION

- 1.1 Make an application to the Agency to vary this Environmental Permit (Renewed) in instances where it becomes necessary to:
 - i. change the construction, operation, structure, or layout of the facility and all associated buildings;
 - ii. change equipment, machine, apparatus, mechanism, system or technology serving the facility;
 - iii. change the position and design of any outlet at the point or points of discharge of effluents; or
 - iv. effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Make all employees, and third parties under your direction, aware of the conditions of the environmental authorisation and provide training on good environmental practices.
- 1.3 Assign a person to be responsible for all environmental matters of the hotel. Submit to the Agency the person's name, contact details and designation.
- 1.4 All renovation plans shall include methods to employ the reuse/recycle of materials during construction.
- 1.5 Maintain good house-keeping, sanitary and hygienic practices, and improvement in the aesthetic quality of the surroundings at all times.
- 1.6 Comply with **Regulation 6(1)** of the **Environmental Protection (Expanded Polystyrene Ban) Regulations, 2015**, which states that *"no food service establishment shall sell or provide food for consumption, either on or off the said establishment's premises, in expanded polystyrene food service products."*
- 1.7 All staff involved in the preparation, cooking and serving of food shall have a Food Handler's Certificate.
- 1.8 All pest control applications shall be conducted by a pest control operative who was trained by the Pesticides and Toxic Chemicals Control Board (PTCCB).
- 1.9 Equip all employees with Personal Protective Equipment (PPE) relevant to their duties during operating hours. At all times employees shall wear relevant PPEs while engaged in their duties.
- 1.10 Conserve water resources by minimizing water consumed by the hotel using methods including but not limited to:
 - 1.10.1 the installation of low-flow showerheads (0.5 to 2 gpm);

Environmental Permit (Renewed) – Ref. No.: 20140407-LBHRH

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1.10.2 sink aerators (0.25 gpm to 0.5 gpm for hand and face washing and 2.2 gpm for dish washing), and

1.11 Designate an area for the storage of the following:

- Fuel;
- First Aid Kit(s); and
- Washing detergents and Sanitizers (Jeyes Fluid, Pine Sol, etc.) for the facility.

1.12 Promote the conservation and efficient use of energy. Options for efficiency include but not limited to the following:

1.12.1 The use of appropriate electrical fixtures and equipment where possible, that will allow for the efficient utilization of energy, for example, replacing incandescent lamps with LED fixtures, installation of Energy Star or other equivalent appliances and the use of alternative energy fixtures for example, solar water heaters.

1.12.2 The use of occupancy sensors and/or timers for areas of your hotel that are less frequently used such as hallways, outdoor areas, or public bathrooms; and

1.12.3 Ensure all exterior doors on air-conditioned spaces are properly sealed to avoid losing cool air.

2.0 AIR AND NOISE QUALITY MANAGEMENT

2.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000** and the **Environmental Protection (Noise Management) Regulations, 2000**.

2.2 Comply with Guyana National Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*, not exceeding the residential limits listed below, at a distance of 15 metres (50 feet) from the source or property boundary.

Residential limits:	75 dB (Day-time (06:00 h-18:00 h)) 60 dB (Night – time (18:00 h - 06:00 h))
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2.3 Use of sound-making devices and other noisy activities, shall not be permitted between the hours of 23:00h to 06:00h, or unless permission is *otherwise* granted by the Environmental Protection Agency.

2.4 Equip all significant noise-producing equipment, e.g., generators, etc. with silencers or mufflers and/or are enclosed in suitable acoustic enclosures where necessary to reduce noise levels impacting the surrounding environment and to achieve compliance with GNBS requirement.

Environmental Permit (Renewed) – Ref. No.: 20140407-LBHRH

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

- 2.5 Regularly service the generator and air conditioning units to ensure efficiency, and reduce air and noise emissions into the environment. The summarised maintenance report shall be kept and submitted to the Agency upon request.
- 2.6 The exhaust stack of the generator and stove shall be at an appropriate height, preferably at least two (2) metres above the tallest building nearby, to minimize adverse fumes/soot impacts to the contiguous areas.
- 2.7 Respond to complaints by any citizen or authority to lower the volume of sound systems and other sound-making equipment, if the noise is excessive.

3.0 WATER QUALITY

- 3.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**.

- 3.2 Maintain the integrity of the existing waterways at all times. Discharges into the environment must be in accordance with the Guyana National Bureau of Standards *Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following are the allowable limits for the operation and should not be exceeded:

- pH 5.0 - 9.0;
- Temperature <40°C;
- Biological Oxygen Demand (BOD) <50 mg/L;
- Chemical Oxygen Demand (COD) <250 mg/L;
- Total Suspended Solid (TSS) <50 mg/L; and
- Oil & Grease <10 mg/L.
- Chloride < 0.2 mg/L

- 3.3 Monitor drinking water quality at the storage tanks according the *World Health Organization (WHO) 2006, Guideline for Drinking Water Quality First Addendum to Third Edition, Volume One*, not exceeding the limits shown in the table below:

Microbiological Parameters	WHO Standards (2006)
<i>E. coli</i>	0/100 mL
Total Coliform	0/100 mL

A water quality monitoring plan including but not limited to sampling point/s displayed on a map (for condition 3.2) and frequency of sampling shall be submitted to the EPA for approval. Monitoring of the parameters above shall be conducted at the approved sampling point/s and the results analysed at a GNBS certified laboratory or trained

personnel using calibrated equipment. Analyses shall be submitted to the Agency as part of the Annual Report referred to in condition 7.6.

3.4 Avoid soil and water contamination from fuel, grease, waste oils and other petroleum products. Store all oils, fuel, paints and chemicals in a designated area, at least 10 m away from watercourses on an impervious base to minimize adverse impacts to the environment in the event of spillage.

3.5 Perimeter drainage shall be kept free-flowing and free of debris and vegetation.

3.6 Maintain drainage systems capable of handling the probable maximum precipitation storm event.

3.7 Do not discharge or dump solid waste and/or trade effluent directly into receiving waters without prior treatment. An oil-water separator shall be installed at a strategic location, through which all effluent must pass before final discharge and maintained.

3.8 Avoid excessive or inappropriate use of cleaning chemicals. Use of biodegradable/water-based cleaning products is encouraged.

4.0 WASTE MANAGEMENT

4.1 Adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013.**

4.2 Promote proper solid waste management practices in the operation and ensure that all solid waste materials are appropriately stored until such time of disposal in a manner approved by the Agency, or adequately reused, composted and/or recycled.

4.3 Provide covered garbage receptacles at strategic locations, both within and outside the established buildings of the site. At all times, garbage receptacles, both inside and outside of the facility, shall be emptied, cleaned and maintained on a regular basis, to prevent the fall or flow of garbage in the surrounding environment and attraction of rodents and other vermin.

4.4 Eliminate or substantially reduce the use of plastics, e.g., disposable cups and dishes, etc., for special events where feasible.

4.5 All solid waste materials shall be disposed by an approved waste disposal company.

4.6 Direct all waste lines and drains carrying grease, fats, or culinary oil, or similar waste products from kitchens or food processing areas from the hotel into one or more grease trap interceptors. All required grease trap interceptors shall comply with the following:



- (i) Grease interceptors shall be constructed of durable corrosion-resistant materials and shall have water-tight covers securely fastened in place;
- (ii) No grease interceptor shall receive the discharge from a food waste disposal;
- (iii) The flow rate of the interceptor shall be sufficient to handle the maximum demand of the connected system;
- (iv) All interceptors shall be installed in an accessible location to permit the convenient removal of the lid and internal contents; and
- (v) All interceptors shall be designed and installed with proper venting so that they do not become air bound.

4.7 Promote the use of collected oils / fats for bio-fuel.

5.0 HAZARDOUS WASTE MANAGEMENT

5.1 Adhere to the provisions of the **Environmental Protection (Hazardous Wastes Management) Regulations, 2000.**

5.2 Prepare and submit to the Agency no later than **forty-five (45) days** after the end of the operating year, a report relating to the activities for the previous year. The report shall include:

- (a) the name, location and type of facility;
- (b) types and quantities (in metric units) of hazardous waste generated;
- (c) manner of storage, use, treatment standards/methods and disposal of these substances;
- (d) data concerning off-site shipments of waste, i.e., local disposal facility utilised, country to which hazardous waste is shipped, purpose of shipment and amount of waste shipped;
- (e) a summary of any accidents that may have occurred and any action taken;
- (f) any waste minimisation efforts undertaken by your facility for hazardous material/waste; and
- (g) any other matter the Agency may require.

The Agency considers all materials listed in **Schedules I and II** of the **Environmental Protection (Hazardous Wastes Management) Regulations, 2000**, to be hazardous.

5.3 Waste oil shall be disposed by an authorized waste disposal company.

5.4 Hazardous waste shall be stored in sealed metal containers, appropriate for the waste stream.

5.5 Hazardous waste containers shall be labelled with the following:



Environmental Permit (Renewed) – Ref. No.: 20140407-LBHRH

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- i. The words “Waste Oil or “Used oil” and “Sludge” and “Oily Rags”; and
- ii. Beginning accumulation date.

5.6 Hazardous waste shall be stored in a covered, banded area. This area shall include the following:

i. Signage- “**Hazardous Waste Storage Area**”

- ii. Low traffic
- iii. No floor drains
- iv. Secondary containment capable of containing 110% of the largest volume therein.

5.7 Maintain an impervious secondary containment bund around the fuel storage tanks to create a temporary holding area in the event of spillage. The bund must have the containment capacity of at least 110% of the volume of the largest fuel tank.

5.8 Store all fuel away from ignition sources and install ‘No Smoking’ signs where fuel is handled or stored.

5.9 Treat and contain spills of even a minor nature with absorbent materials.

5.10 Fuel shall be transported by using leak-proof and tightly closed containers, and funnel or rubber hose pipe shall be used when re-fuelling the generator set to avoid spillage.

5.11 Limit access to hazardous waste storage areas to only employees who are authorised and properly trained.

5.12 Record and include in a summary table the following information:

- (a) Name and description (e.g., composition of a mixture) of the hazardous materials;
- (b) Classification (e.g., code, class or division) of the hazardous materials;
- (c) Quantity of hazardous materials used per month; and
- (d) Characteristic(s) that make(s) the materials hazardous (e.g., flammability, toxicity).

6.0 EMERGENCY MANAGEMENT

6.1 Renew Fire Safety Certificate annually and submit to Officers of the Agency upon request during compliance inspections and in the **Annual Report referred to in condition 7.6.**

6.1.1 Maintain adequate fire protection measures in accordance with this approval.

6.2 Submit to the Agency, within **thirty (30) working days** of issuance of this Permit, a detailed Emergency Response Plan for the hotel, including but not limited to the following:

- 6.2.1 An Evacuation Plan for the hotel, which shall be posted in a conspicuous location on each floor.
- 6.2.2 Employees training schedule on the emergency response protocol and their duties and responsibilities in executing the Evacuation Plan.
- 6.2.3 Clearly defined fire escape routes with emergency lighting and alarm systems in accordance with the requirements of the Guyana Fire Service.

7.0 COMPLIANCE MONITORING AND REPORTING

- 7.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, hazardous materials/wastes spill, sudden onset disaster, natural, technological or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood).
- 7.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 7.3 Notify the Agency in writing of any change of name or ownership of the Permit Holder's facility **within thirty (30) days** after the change occurs.
- 7.4 Notify the Agency **within twenty-one (21) days** in event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 7.5 Maintain and submit to the Agency records of the type, composition and quantity of contaminant released (i.e., any solid, liquid, gas, odour, sound, vibration, radiation, heat or combination of any of them).
- 7.6 Submit an **Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, each year**.
- 7.7 Report to the Agency any non-compliance(s) with the Environmental Permit (Renewed):
 - iii. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit (Renewed) becomes aware of the non-compliance outlining the anticipated manner in which human health or the environment may be impacted.
 - iv. Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit (Renewed) becomes aware of the non-compliance, submit to the Agency a written report containing a description of the non-

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compliance, its cause, the period of non-compliance including exact dates and time and the anticipated time it is expected to continue if the non-compliance(s) has not been corrected.

7.8 Comply with any lawful directions given by the EPA from time-to-time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.

8.0 INSTITUTIONAL AUTHORITY/LIABILITIES

8.1 The Permit Holder shall be liable for any material environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

8.2 The Permit Holder shall be liable for any serious environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

8.3 The Permit Holder shall be liable for any activity that causes or is likely to cause pollution of the environment unless all reasonable and practicable measures are taken to prevent or minimize any resulting adverse effect, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

8.4 The Permit Holder shall be liable for discharging, causing or permitting the entry into the environment, of any contaminant in any amount, concentration or level excess of that prescribed by the regulations or stipulated by this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

8.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 8.3 and 8.4 of this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

8.6 The Permit Holder shall not be indemnified by the Agency for any activity that causes or is likely to cause pollution to the environment, resulting from adverse effects through the discharge, any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations.

8.7 The Permit Holder shall be liable of any gross negligence or willful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.

- 8.8 Should the Permit Holder contravene or be likely to contravene any condition of this Permit, the Agency (EPA) may serve on him an Enforcement Notice in accordance with Section 26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 8.9 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose a serious threat to natural resources or the environment, or a risk of serious pollution of the environment or any damage to public health, the EPA may issue to the Permit Holder a Prohibition Notice, which may order him to immediately cease the offending activity, in accordance with Section 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 8.10 The EPA reserves the right to conduct regular inspections of the Permit Holder's activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 8.11 The Permit Holder, His Servants and/or Agents shall at all times, allow entry to the permitted facility to any Officer designated by the EPA for the purposes of conducting inspections or any other legitimate business of the Agency. Pursuant to section 38 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana, it is an offence to assault, obstruct or hinder an authorised person in the execution of his/her duty under the said Act or its Regulations and the Permit Holder shall be liable to penalties prescribed under paragraph (c) of the Fifth Schedule for doing so.
- 8.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 8.13 **This Environmental Permit (Renewed) is not the final consent; all relevant permissions should be obtained from other regulatory bodies for continued operation.**
- 8.14 This Environmental Permit (Renewed) is effective for the period stipulated herein; **November, 2021 to October 2026.**
- 8.15 This Environmental Permit (Renewed) shall remain valid until **October 31, 2026**, unless otherwise suspended, cancelled, modified or varied, in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 8.16 This Permit must be renewed by submitting a completed **Application Form for Renewal of Environmental Authorisation** to the Agency at least six months before this Permit expires, that is, no later than **April 30, 2026**.

Environmental Permit (Renewed) – Ref. No.: 20140407-LBHRH

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8.17 Any late submission of renewal application (s) after the specified date as stated above, may require the Permit Holder to pay, in addition to renewal fee, a **late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of two thousand dollars (GY\$2000.00) per day for every business day late**, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.


8.18 Failure to comply with the requirements of this Permit or with applicable laws and regulations, whether existing or forthcoming, shall render the Permit Holder liable to prosecution and to penalties, inclusive of civil penalties, injunctive relief and imprisonment, as prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection Regulations and other applicable Laws of Guyana.

Signed by _____ on behalf of the Environmental Protection Agency.


for **Kemraj Parsram**
Executive Director
Executive Director

Date 2021.11.18

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Renewed) is granted and agree to abide by the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, the Environmental Protection (Authorisations) Regulations, 2000, and any existing or forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	RAW ELOT BACHUS
DESIGNATION:	C.E.O
SIGNATURE:	
DATE:	26/11/2021

