



**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.:	20140207-DJLMH
Fee:	Small (C1) US\$ 100 per year
Fees Paid:	US\$ 500 (Five (5) Years: May 2023 to June 2028)

Addressee(s): Mr Jeavon Leacock and Ms Denise Leacock
Proprietors
Massive Inn
153, Fraser Road
Kara Kara, Linden

Activity: Operation of Massive Inn

Mr. Jeavon Leacock and Ms. Denise Leacock, trading and operating under the name Massive Inn, hereinafter referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate Massive Inn Hotel at 151&155, Fraser Road, Kara Kara, Linden, hereinafter referred to as the "Project", in the manner indicated in the Application for Renewal of Environmental Authorisation submitted on November 15, 2022, and 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 Environmental Permit, Ref. No.: 20140207-DJLMH, issued on April 02, 2015, which expired on March 31, 2020. This Environmental Permit Renewed is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

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

1.0 GENERAL OPERATION

- 1.1 The Permit Holder shall notify the Agency in writing and obtain its approval for **ANY** proposed changes in the **Hotel** at least **fourteen (14) days** before making the change. The notification shall contain a description of the proposed change in operation. It is not necessary to make such a notification if an application to vary this permit has been made and the Application contains a description of the proposed change. In this condition '**change in operation**' means a change in the nature or functioning, or an extension, of the installation, which may have consequences for the environment including but not limited to the following:
- i. Changes in construction, structure, or layout of the facility and all associated buildings.
 - ii. Installation of new and/or changes to equipment, machine, apparatus, mechanism, system or technology serving the facility.
 - iii. Any technology used or installed at the facility from which effluent may be discharged.
 - iv. ~~Any other circumstance or condition prescribed by Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.~~
- 1.2 Ensure that all third parties adhere to the requirements and conditions of this Permit.
- 1.3 Assign a person to be responsible for all environmental matters of the facility and ensure the communication of the name, contact details and designation of such person is submitted to the Agency.
- 1.4 All renovation plans should include methods to employ the reuse/recycle of materials during construction.
- 1.5 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.*"
- 1.6 Ensure that all staff involved in the preparation, cooking and serving of food are holders of a Food Handler's Certificate.
- 1.7 Maintain good house-keeping, sanitary and hygienic practices, and improvement in the aesthetic quality of the surroundings at all times.
- 1.8 Ensure that all pest control applications are conducted by a pest control operative who is trained by the Pesticides and Toxic Chemicals Control Board (PTCCB).



- 1.9 Ensure that employees are equipped with the Personal Protective Equipment (PPE) relevant to their duties during operating hours. Employees should at all times wear relevant PPEs while engaged in their duties of employment.
- 1.10 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.
- 1.11 Promote the conservation of water resources by minimizing water consumed by the operation of the Hotel using such methods including but not limited to:
- 1.11.1 the installation of low-flow showerheads (0.5 to 2 gpm);
 - 1.11.2 sink aerators (0.25 gpm to 0.5 gpm for hand and face washing and 2.2 gpm for dish washing), and
 - 1.11.3 a towel and/or linen reuse program.
- 1.12 Promote the conservation and efficient use of energy. Options for energy efficiency are described but not limited to the following:
- 1.12.1 The use of appropriate electrical fixtures and equipment that will allow for the efficient utilisation of energy, for example, replacing incandescent lamps with compact fluorescent lamps, installation of Energy Star labeled or other equivalent appliances where possible and installation of 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.
 - 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))

- 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 Ensure all significant noise-producing equipment, e.g. generators, etc. are equipped with appropriate silencers or mufflers and/or are enclosed in suitable acoustic enclosures where necessary to reduce noise levels impacting the surrounding environment to achieve compliance with GNBS requirement.
- 2.5 Ensure that the generator and air conditioning units are regularly serviced to ensure efficiency, and reduce air and noise emissions into the environment. The summarised maintenance report shall be submitted to the Agency as a component of the **Annual Report** referred to in condition 7.8.
- 2.6 Ensure that the exhaust stack of the generator and stove are of 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 Conduct water quality monitoring of effluent generated by the facility for the parameters identified above, on an annual basis and submit reports to the EPA. Sample points should include the final discharge point(s) from the facility, as well as, an upstream and downstream sample from the receiving body of water.
- 3.4 Monitor the water storage tanks by sampling one of the taps connecting to each tank for Total Coliform and *E. coli* on a **bi-annual basis** (during the dry and wet seasons) and submit the results to the EPA within the **Annual Report** referred to in condition 7.8. Comply with 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

- 3.5 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.
- 3.6 Ensure that the perimeter drainage is kept free-flowing and free of debris and vegetation. Regular cleaning of the drainage network and the immediate environment must be maintained.
- 3.7 Maintain drainage systems capable of handling the probable maximum precipitation storm event.
- 3.8 Do not discharge or dump solid waste and/or trade effluent directly into receiving waters without prior treatment. An oil-water separator should be installed at a strategic location, through which all effluent must pass before final discharge and maintenance.
- 3.9 Avoid excessive or inappropriate use of cleaning chemicals. The 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, should be emptied, cleaned and maintained on a regular basis, to prevent the fall or flow of garbage in the surrounding environment and the attraction of rodents and other vermin.
- 4.4 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:

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- (i) Material and covers. 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.
- (v) All interceptors shall be designed and installed with proper venting so that they do not become air bound.

4.5 Promote the use of collected oils/fats for biofuel.

4.6 Eliminate or substantially reduce the use of plastics, e.g. disposable cups and dishes, etc., for special events where feasible. Adequately dispose of, reuse and/or recycle all waste materials. Provide evidence (e.g. pictures) of the reuse and/or recycling of waste material and present this in the **Annual Report** referred to in condition 7.8.

4.7 Ensure that all solid waste materials are disposed of at the landfill site/waste disposal site approved by the Linden Town Council.

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, the 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 were 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 In the event that waste oil (recovered from the oil-water separator or from servicing of

generators) is stored, it should be stored in a covered, bunded area to minimise adverse impacts to the environment in the event of spillage.

- 5.4 Dispose of all waste oil in accordance with the Environmental Guidelines, 2011, for the 'Removal, Treatment and Disposal of Oily Sludge' or reuse waste oil as a lubricant for a chainsaw or other equipment/machinery.
- 5.5 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 a containment capacity of at least 110% of the volume of the largest fuel tank.
- 5.6 Store all fuel away from ignition sources and have 'No Smoking' signs posted where fuel is handled or stored.
- 5.7 Treat and contain spills of even a minor nature with absorbent materials.
- 5.8 Ensure that oil/fuel containment absorbent materials are appropriately stored in a concrete-based structure, away from waterways and disposed of by double wrapping in heavy-duty garbage bags at an approved solid waste disposal site. Hazardous contaminated absorbent pads can be disposed of at an incineration operation.
- 5.9 Take the necessary precautionary measures such as the use of leak-proof and tightly closed containers during the transport of fuel to the Hotel, and appropriate mechanisms such as a funnel or rubber hose pipe when re-fueling the generator set to avoid spillage.
- 5.10 Limit access to hazardous waste storage areas to employees who are authorised and have received proper training.
- 5.11 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 Maintain approval from Guyana Fire Service and adequate fire protection measures such as fire extinguishers and sand buckets in accordance with this approval.
- 6.2 Ensure all firefighting equipment is maintained and serviced regularly and provide training on the use of the equipment.
- 6.3 Ensure all employees are trained in the use of firefighting equipment such as fire extinguishers and understand the firefighting protocol.
- 6.4 Submit to the Agency, within **thirty (30) working days** of issuance of this Permit, a



detailed Emergency Response Plan for the Hotel.

- 6.5 Maintain a regularly updated Evacuation Plan for the Hotel. Ensure that the Evacuation Plan for each floor is posted in a conspicuous location.
- 6.6 Install an alarm system and ensure that all employees are aware of the emergency response protocol and their duties and responsibilities in executing the Evacuation Plan.
- 6.7 Ensure that the fire escape routes are clearly defined and have emergency lighting in accordance with the requirements of the Guyana Fire Service.
- 6.8 Ensure that the Fire Safety Certificate is renewed annually and submitted to Officers of the Agency upon request during compliance inspections and in the **Annual Report** referred to in condition **7.8**.

7.0 COMPLIANCE MONITORING AND REPORTING

- 7.1 Make all employees, and third parties under your direction, aware of the conditions of the Permit and provide training on good environmental practices.
- 7.2 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.
- 7.3 Monitor the implementation of the conditions of the Environmental permit (Renewed), insofar as they involve adherence by employees and all third parties under your direction.
- 7.4 Report to the Agency any non-compliance(s) with this Environmental permit (Renewed):
 - Within **twenty-four (24) hours** of the time the Holder of the Environmental permit (Renewed) becomes aware of the non-compliance, the anticipated manner in which it may endanger human health or the environment.
 - Within **seventy-two (72) hours**, submit to the Agency a written report containing a description of the non-compliance, its cause and the period of non-compliance including exact dates and time.
 - Submit a report to the Agency indicating the reasons and the anticipated time it is expected to continue if the non-compliance(s) has not been corrected.
- 7.5 Notify the EPA within **twenty-four (24) hours** of the occurrence of any environmental emergencies such as a sudden onset of disaster, accident, natural, technological or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood.
- 7.6 Inform the Agency prior to or within **thirty (30) days** of any change of name or ownership of the project.



- 7.7 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.
- 7.8 Submit an **Environmental Annual Report** to the EPA on or before **March 31** of every year on your compliance with this Permit.

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 6.3 and 6.4 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 wilful 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, 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 is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies before commencing construction activities.**
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- 8.14 This Renewal Environmental Permit is effective for the period stipulated herein, **May 2023 to June 2028.**
- 8.15 This Environmental Permit (Renewed) shall remain valid until **June 30, 2028**, unless otherwise suspended, cancelled, modified or varied, 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.**
- 8.16 This Environmental Permit (Renewed) shall be renewed by submitting an Application for Renewal of Environmental Authorisation to the Agency at least six (6) months before this Permit expires, that is, no later than **December 31, 2027.**



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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 fees, 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
Agency.


Kemraj Parsram
Executive Director

on behalf of the Environmental Protection

Date

2023-05-19

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 forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	Denise Leacock
SIGNATURE:	Denise Leacock
DESIGNATION:	Owner
DATE:	25 April, 2024



