

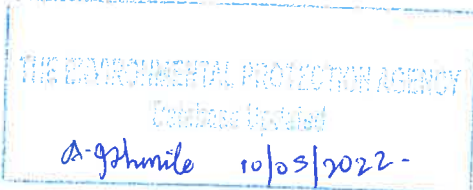


**Environmental  
Protection  
Agency**

Ganges Street, Sophia,  
Georgetown, GUYANA  
Tel.: (592) 225-0506 / 5467-69, 71-72  
Fax: (592) 225-5481  
Email: [epa@epaguyana.org](mailto:epa@epaguyana.org)  
Website: <http://www.epaguyana.org>

## **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.:	20170519-RVCRE
Fee:	Small (C1) - US\$100 per year
Fees Paid:	US\$500 (5 year) March, 2022 to February, 2027
Addressee(s):	Mr. Rovin Alvin Chairman Rewa Village Council Rewa Village North Rupununi Region 9. 
Activity:	Operation of Rewa Eco-Lodge

Rewa Village Council, trading and operating under the name Rewa Eco-Lodge, herein after 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 an Eco-Lodge located at Rewa Village, North Rupununi, Region 9, Guyana, hereinafter referred to as "the Project", in the manner indicated in the Application submitted on May 19, 2017, subject to the terms and conditions set forth herein and in any existing or forthcoming regulations made under the said Environmental Protection Act and/or any other applicable laws, best practices, guidelines and standards relevant to this project.

This is a Renewal of the Environmental Permit Reference Number 20170519-RVCRE, issued on January 08, 2020, which expired on May 31, 2020. This Operation Permit (Renewed) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

**Terms and Conditions for Operation to be adhered to by the Permit Holder, his servants, agents and sub-contractors:**

## **1.0 GENERAL**

- 1.1 Make an application to the Agency to vary this Environmental Permit 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. Affect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Adhere to requirements of the **Occupational Health and Safety Act, Cap 99:10, Laws of Guyana.**
- 1.3 Make all employees, and third parties under your direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices.
- 1.4 Obtain and maintain approval from the Guyana Fire Service and provide fire protection measures in accordance with this approval.
- 1.5 **The Permit Holder shall submit to the EPA upon receipt, the requisite approvals from the Central Housing and Planning Authority (CH&PA), the relevant Municipality or any other authority with jurisdiction and oversight over the Project.**
- 1.6 All pest control applications shall be conducted by pest control operative who is trained by the Pesticides and Toxic Chemicals Control Board (PTCCB).
- 1.7 Maintain approval from Guyana Fire Service and submit a copy for the EPA's records.
  - 1.7.1 Fire prevention and control equipment shall be maintained in accordance with this Guyana Fire Service Approval.
- 1.8 All employees shall be trained in the use of firefighting equipment, such as, fire extinguishers and understand the firefighting protocol.
- 1.9 Maintain a regularly updated evacuation plan for the Eco-Lodge.
- 1.10 Install and maintain an alarm system and ensure that all employees are aware of the emergency response protocol and their duties and responsibilities according to the evacuation plan.

## **2.0 AIR AND NOISE QUALITY MANAGEMENT**

2.1 Strictly comply with the **Environmental Protection (Air Quality) Regulations, 2000** and the **Environmental Protection (Noise Management) Regulations 2000**.

2.2 Monitor noise emissions to determine compliance with the **Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions into the Environment**. Sound levels from noise-making devices shall not exceed the limits below, at a distance of 15 meters (50 ft) from the source or property boundary, whichever is closer.

**Recreational limits:**     **100 dB** (Day-time (06:00 h-18:00 h))  
   **100/70 dB** (Night – time (18:00 h - 06:00 h))

2.3 Enclose all sound-making devices, such as generators, in structures constructed with materials of good insulation properties (e.g. hollow concrete blocks, insulation boards, solid clay bricks, etc.), equip with silencers/mufflers to reduce noise level, and place on properly designed foundations to ensure effective damping of vibrations.

2.4 Regularly service generator to ensure efficiency and reduce the level of noise produced.

2.5 The exhaust stack of the generator and stove shall be at least two (2) meters above the tallest building nearby and regularly maintained, to minimize adverse fumes/soot impacts to the contiguous areas.

2.6 Record, investigate and address complaints of excessive noise, dust and vibrations from the public promptly upon receipt. Maintain a record of all complaints received and the actions taken.

2.7 Promote the conservation and efficient use of energy. Options for energy efficiency not limited to those identified below:

2.7.1 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.

## **3.0 WATER QUALITY**

3.1 Strictly comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.

3.2 Maintain all waste lines and drains carrying grease, fats, or culinary oil, or similar waste

products from the Eco-Lodge area into one or more grease trap interceptors. All required grease trap interceptors shall comply with the following:

- Be of durable, corrosion-resistant materials and shall have water-tight covers;
- Have a flow rate sufficient to handle the maximum demand of the connected system;
- Be installed at strategic locations to allow accessibility for convenient removal of the lid and internal contents; and
- Be designed and installed with proper venting so that they do not become air bound.

3.3 Maintain the integrity of the existing waterways at all times. Discharges into the environment shall be in accordance with the Guyana National Bureau of Standards (GNBS) Interim Guidelines for Industrial Effluent Discharge into the Environment. The following are the allowable limits for this type of project and should not be exceeded:

- Total Suspended Solid (TSS) < 50 mg/L;
- Oil and Grease < 10 mg/L; and
- Chloride < 0.2 mg/l

3.4 Water quality monitoring shall be conducted Annually and the results shall be submitted to the Agency as part of the Annual Report.

3.5 Promote the conservation of water resources by minimising water consumed in the operation of the Eco-Lodge, for example; the installation of low-flow showerheads (0.5 to 2 gpm) and sink aerators (0.25 gpm to 0.5 gpm for hand and face washing and 2.2 gpm for dish washing).

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

#### **4.0 FUEL AND HAZARDOUS/ WASTE MANAGEMENT**

4.1 Strictly adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations 2013** and the **Environmental Protection (Hazardous Waste Management) Regulations, 2000**.

4.2 Maintain good house-keeping, sanitary and hygienic practices and the aesthetic quality of the surroundings at all times.

- 4.3 Promote proper solid waste management and disposal practices at the site, place covered garbage receptacles at strategic locations around the site.
- 4.4 Eliminate or substantially reduce the use of plastics, e.g., disposable cups and dishes, etc., for special events where feasible. Adequately dispose, reuse and/or recycle all waste materials.
- 4.5 Dumping of waste into the surrounding environment is strictly **prohibited**. Waste, inclusive of waste oil and/or fuel, shall not be stored within 10 meters of any waterways.
- 4.6 Hazardous waste shall be treated and/or disposed by an EPA authorised Hazardous Waste Disposal Facility. All hazardous waste treatment and disposal shall be documented on a Waste Manifest Form which shall be submitted to the EPA as a component of the **Annual Report**.
- 4.7 Conduct refuelling, oil changes and maintenance of equipment on an impervious base.
- 4.8 Spill equipment shall be available and utilised for containing and mitigating spills from fuel, bitumen, waste oils, lubricants, curing compounds, concrete admixtures, paints etc.
- 4.9 Designate an area for the storage of fuel, used oil, washing detergents, sanitisers and other hazardous materials. Hazardous materials/ waste storage areas shall be clearly labelled and secured. The following warning signs shall be clearly posted:
- “Hazardous Waste Storage Area”
  - Danger - “Authorised Personnel Only”
  - No eating, drinking or smoking
- 4.10 Hazardous waste shall be contained in bunded/kerbed storage areas. These areas shall adhere to the following requirements:
- Be situated in low traffic areas;
  - No interceptor drains shall be constructed; and
  - Be bunded to provide 110% containment of the largest volume of hazardous materials stored therein.
- 4.11 Treat and contain spills of even a minor nature with absorbent materials.
- 4.12 Hazardous contaminated absorbent pads can be disposed of in an incineration operation.
- 4.13 Hazardous waste shall be stored in containers appropriate for the waste stream; that is:
- i. Sealed Plastic Containers
    - a. Water-based waste
  - ii. Sealed Metal Containers
    - a. Solvents and petroleum-based products



b. Oil and oily absorbents

- 4.14 Hazardous waste/materials storage containers shall be inspected weekly for signs of leakage, deterioration or corrosion. Damaged containers must be replaced immediately. Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor
- 4.15 Maintain a septic system on site; the septic tank shall not be located within 1.5 m of a building or property boundary and should be accessible for cleaning and de-sludging. Any modification to the septic tank shall be in accordance with the **Guyana National Bureau of Standards (GNBS)** Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems.

**5.0 COMPLIANCE MONITORING AND REPORTING**

- 5.1 Strictly comply with any lawful directions given by the Agency from time-to-time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.
- 5.2 Monitor the implementation of the conditions of this Environmental Permit, insofar as they involve adherence by employees and all third parties under your direction.
- 5.3 Report to the Agency any non-compliance(s) with this Environmental Permit (Renewed).
- 5.3.1 Within **twenty-four (24) hours** of the time the Holder of this Environmental Permit becomes aware of the non-compliance, with the anticipated manner in which it may endanger human health or the environment may be impacted.
- 5.3.2 Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit becomes aware of the non-compliance, submit to the Agency a written report containing a description of the non-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.
- 5.4 Submit an **Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, each year**.
- 5.5 Notify the EPA within **twenty-four (24) hours** 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).

- 5.6 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.
- 5.7 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.
- 5.8 It is the responsibility of the Permit Holder to ensure the permitted activity and premises are secured and that all practicable steps necessary to prevent fires, explosions, leaks or suspected leaks and spills at the permitted premises are taken.

#### **6.0 INSTITUTIONAL AUTHORITY/LIABILITIES**

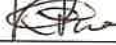
- 6.1 The Permit Holder shall be liable for any material environmental harm caused by polluting the environment, pursuant to **s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**
- 6.2 The Permit Holder shall be liable for any serious environmental harm caused by polluting the environment, pursuant to **s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.**
- 6.3 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.**
- 6.4 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.**
- 6.5 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.**
- 6.6 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.

- 6.7 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.
- 6.8 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.**
- 6.9 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.**
- 6.10 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.**
- 6.11 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.
- 6.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 6.13 **This Environmental Permit (Renewed) is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies before commencing construction activities.**
- 6.14 This Environmental Permit (Renewed) is effective for the period stipulated herein, **March, 2022 to February, 2027.**
- 6.15 This Environmental Permit (Renewed) shall remain valid until **February 28, 2027**, 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.**

- 6.16 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 **August 31, 2026**.
- 6.17 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.
- 6.18 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.

**Kemraj Parsram**  
Executive Director

Date 3.28.2022

**Environmental Permit (Renewed) - Ref. No.20170519-RVCRE**

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

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 made under the said Environmental Protection Act and/or any applicable laws, best practices, guidelines and standards relevant to this project.

NAME:	ROVIN MICHAEL ALVIN
DESIGNATION:	chairman
SIGNATURE:	Rovin Alvin
DATE:	12-04-2022



R.A. W