



**Environmental
Protection
Agency**

Ganges Street, Sophia,
Georgetown, GUYANA
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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.:	20141112-RDPSF
Fees:	Small (C2) - US\$350 (2 years) i.e., US \$175 per year
Fees Paid:	US\$350 (June 2023 to May 2025)

Addressee(s): Mr. Roland De Freitas
Proprietor
Hoorubea Farm of Badrima
13, Land of Canaan
East Bank Demerara.

Activity: Poultry Rearing Facility (Without Processing)

Roland Defreitas, trading and operating under the name, 'Hoorubea Farm of Badrima', 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 a Poultry Rearing Facility (Without Processing), located at Badrima, Soesdyke Linden Highway, hereinafter referred to as the "Project", in a manner indicated in the Renewal Application submitted on April 4, 2023, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing and/or forthcoming regulations made under the said Act, and/or any other applicable laws, best practices, guidelines and standards relevant to this project.

This Environmental Permit (Renewed) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

The Permit Holder, His Servant, Agents and/or Sub-Contractors shall comply with the following Terms and Conditions for the Operation:

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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 effect any other change outlined in Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 A foot bath containing a disinfectant must be maintained at the entrance of each poultry house and its use must be mandatory before entry into pens. Unauthorized persons should be prohibited from entering pens.
- 1.3 Poultry birds **must** be reared in an **“all-in all-out system”**.
- 1.4 Poultry bedding materials must be kept as dry as practicable during the growing cycle of birds. Additional bedding materials should be placed in areas of pens that become excessively moist in an effort to minimize the release of ammonia to the environment.
- 1.5 Bedding materials must be changed after the rearing of each batch of birds is completed.
- 1.6 Dead birds must be immediately removed from pens and disposed of by burial at a designated location.
- 1.7 Upon the completion of each batch of birds, the pens should be cleaned and disinfected before the commencement of a new batch. Waste should be removed by scraping instead of flushing with water.
- 1.8 All manure removed from pens should be stored in bags and transported to composting facility located aback of facility.
- 1.9 All effluent generated from the disinfection of pens should be channeled to soak-away system located onsite.
- 1.10 **All employees** must be equipped with, and trained in the proper use of personal protective equipment, according to their job specification. PPEs used must be certified for use in Guyana by the Guyana National Bureau of Standards (GNBS).

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2.0 WATER QUALITY MANAGEMENT

- 2.1 Comply with the provisions of the **Environmental Protection (Water Quality) Regulations, 2000.**
- 2.2 Maintain the integrity of all waterways (especially the canals) that are leading outside of the compound and immediately surrounding the compound. Discharges should be in accordance with the Guyana National Bureau of Standards (GNBS) Interim Guidelines for Industrial Effluent Discharge into the Environment not exceeding the parameter limits below:
- Temperature (<40°C);
 - pH (5.0-9.0);
 - Total Suspended Solids (TSS <50 mg/L);
 - Oil and Grease (<10 mg/L);
 - Biological Oxygen Demand (BOD <50 mg/L); and
 - Turbidity (<30 NTU).
- 2.3 The discharge of solid wastes directly into waterways is **strictly prohibited.**

3.0 WASTE MANAGEMENT

- 3.1 Comply with the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013**, where applicable.
- 3.2 Maintain good housekeeping, sanitary, hygienic practices, and the aesthetic quality of your surroundings at all times.
- 3.3 Promote proper solid waste management practices at Project site. Covered garbage receptacles must be placed at strategic locations, both in and outside of the Project site. Domestic waste should be separated and collected in these receptacles and disposed of at Haags Bosch Landfill Site. Reuse, recycle and/ or compost waste materials as far as practical.
- 3.4 Maintain a septic tank system at all times which should be accessible for cleaning and de-sludging. Any modification to the septic tank(s) must 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.*

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4.0 AIR QUALITY AND NOISE MANAGEMENT

- 4.1 Comply with the provisions of the **Environmental Protection (Air Quality) Regulations, 2000 and the Environmental Protection (Noise Management) Regulations, 2000.**
- 4.2 Comply with the Guyana National Bureau of Standards (GNBS) Guidelines for noise emission into the environment, not exceeding the limits below at a distance of 15m (50 ft) from the source or property boundary, whichever is closer.

- **Industrial Limits 100 dB** (Day-time (06:00 h - 18:00 h))

5.0 COMPLIANCE MONITORING AND REPORTING

- 5.1 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.
- 5.2 Monitor the implementation of the conditions of this Environmental Permit (Renewed), insofar as they involve adherence by your employees and all third parties under your direction.
- 5.3 Submit to the EPA, the **Environmental Annual Reports** on the status of the project, progress of the implementation of the monitoring activities and compliance with the conditions contained herein by **March 31** every year (Please see attached, the *Guidelines for the preparation of Environmental Annual Reports*).
- 5.4 Conform to all terms and conditions under which this Environmental Permit (Renewed) is granted and shall be liable for any loss or damage which arises from the project as a result of the Permit Holder's activities or breach of any term or condition of this Permit.
- 5.5 Inform the Agency prior to or **within thirty (30) days** of any change of name or ownership of the operation.
- 5.6 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.
- 5.7 Notify the EPA **within one (1) hour** of the occurrence of any environmental emergencies such as a sudden onset 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.

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- 5.8 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 outlining the anticipated manner in which human health or the environment may be impacted.
- 5.9 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-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.

6.0 INSTITUTIONAL AUTHORITY/LIABILITIES

- 6.1 The EPA reserves the right to conduct regular inspections of the Permit Holder's operation 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 the Environmental Protection Regulations, 2000.
- 6.2 The EPA reserves the right to review and/or amend the conditions and fees attached to this Permit, which also includes the review and/or amendment of Permit Fees in consideration of any changes in fee structure as determined by the Agency for projects of this nature.
- 6.3 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 6.4 The Permit Holder 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.
- 6.5 The Permit Holders, his Servants, Agents and/or Sub-Contractors while executing the activities attributable to the project shall:
- a. 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;
 - b. 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;
 - c. be liable for discharging, causing or permitting the entry into the environment, of any contaminant in any amount, concentration or level

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excess of that prescribed by the regulations or stipulated by this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana;

- d. be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 8.5.c of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana;
- e. 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;
- f. be liable for 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; and
- g. be liable for the cost of any independent investigation into any discharge caused.

- 6.6 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.
- 6.7 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.
- 6.8 All relevant permissions must be obtained and maintained from other regulatory bodies for continued operation.
- 6.9 All relevant permissions, approvals and supporting documentations must be obtained from other regulatory bodies for continued operation, and subsequently maintained.
- 6.10 This Environmental Permit (Renewed) is effective for the period stipulated herein **June 2023 to May 2025**. This Environmental Permit (Renewed) shall remain valid until **May 31, 2025**, unless otherwise varied, modified, cancelled or

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suspended in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana and the Environmental Protection (Authorisations) Regulations, 2000.

- 6.11 This Environmental Permit (Renewed) 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 **December 31, 2024**.
- 6.12 Any submission of renewal application after the specified date as stated above, the Agency 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 business day** for every day late, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.
- 6.13 Failure to comply with the requirements of this Environmental Permit (Renewed) shall render the Permit Holder liable to prosecution and to civil penalties and/or injunctive reliefs prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana and its regulations, including under any existing and forthcoming regulations made under the said Act or any other applicable Laws of Guyana.

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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.

Signed by  on behalf of the Environmental Protection Agency.
Kemraj Parsram
Executive Director

Date 2023. 06. 13

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 and any existing and forthcoming regulations, guidelines, best practices and standards made under this Act and relevant to this project.

NAME:	Roland D. Freitas
DESIGNATION:	Owner
SIGNATURE:	Roland D. Freitas
DATE:	26/6/2023





Environmental Protection Agency

Head Office - Ganges Street, Sophia, Georgetown, Guyana.
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Linden (LEN Building, Mackenzie) - Tel (592) 444-2313

Date: 2003 06 26

No. 25043

File Copy

Received From: Humber Farm of Badina (Roland Defreitas)

The Sum of: Seventy Three Thousand Six Hundred & \$ 73,658.00
fifty eight Dollars

For: Environmental Permit (Renewal) - 2 yrs (June 2003 - May 2005)

PAID

<input checked="" type="checkbox"/> Cash	<input type="checkbox"/> Cheques	<input type="checkbox"/> Wire Transfer
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Balance due Amt. \$

PAID
JUN 26 2003

Signature: [Signature]

