



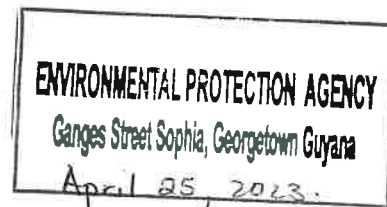
Government of the Co-operative Republic of Guyana
Environmental Protection Agency



February 1, 2023

Reference Number: 20220621 - DJHPR

Mr. Dwain Jason Hercules
Red Rooster Livestock Farm
Hosororo Hill, North West Region,
Barima-Waini, Region 1



Dear Mr. Hercules,

Re: Environmental Permit for Poultry Rearing and Processing facility.

The Environmental Protection Agency (EPA) has prepared an Environmental Permit for the poultry rearing and processing facility located at Hosororo Hill, North West Region, Barima-Waini, Region 1.

Please sign the Environmental Permit to indicate your acceptance of its terms and conditions and agreement to comply with the statutory requirements of the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

The cost for your Environmental Permit at this time is **USD\$300 for three (3) years (i.e., US\$100 per year)**. You are required to pay this fee or its equivalent in Guyana dollars, using the Bank of Guyana daily exchange rate. Payment to the Environmental Protection Agency can be made in cash, by wire transfer, or manager's cheque, in either Guyana dollars or United States dollars. Personal cheques can be paid in Guyana dollars. Please note personal cheques in United States dollars will NOT be accepted.

Should you have any questions or need clarification, please do not hesitate to make contact with **Mr. Sullivan, HOD, Agriculture Unit** on telephone number 225-5472 (ext. 2343) or email rsullivan@epaguyana.org.

Yours sincerely,


Environmental Protection Agency
Mr Kemraj Parsram
Executive Director



Attached. Guidelines for the preparation of Environmental Annual Reports

Ganges St., Sophia, Georgetown, GUYANA.

Tel: (592) 225-5467/5471-5472/6044/6048 | Fax: 225-5481



epa@epaguyana.org



www.epaguyana.org



Environmental Protection Agency - Guyana

"The Environment is Everybody's Business"



**Environmental
Protection
Agency**

Ganges Street, Sophia,
Georgetown, GUYANA
Tel. : (592) 225-5467 / 5468 / 5469
Fax: (592) 225-5481
Website: [http:// www.epaguyana.org](http://www.epaguyana.org)
Email: epa@epaguyana.org

Environmental Permit

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:	20220621 - DJHPR
Fees:	Small (C1) US \$300 for 3 years i.e., US \$100 per year
Fees paid	US\$ 300 (February 2023 - January 2026)

Addressee(s): Mr. Dwain Jason Hercules
Red Rooster Livestock Farm
Hosororo Hill, North West Region,
Barima-Waini, Region 1.

Activity: Operation of a Poultry Rearing and Processing Facility

Dwain Jason Hercules, trading and operating under the name, Red Rooster Livestock Farm, 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 and Processing Facility located at Hosororo Hill, North West Region, Barima-Waini, Region 1, hereinafter referred to as the "Project", in a manner indicated in the Application submitted on June 21, 2022, subject to the terms and conditions set forth herein under the Environmental Protection Act, any forthcoming regulations made under the said Environmental Protection Act and/or any other applicable laws, best practices, guidelines and standards relevant to this project.

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

1.0 OPERATION

- 1.1 Make an application to the Agency to vary this 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 Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Operate the Project in accordance with Environmental Protection Agency's **Operational Guidelines for Poultry Rearing.**
- 1.3 The base of poultry pens should be constructed of an impervious material such as concrete.
- 1.4 The operation should be located on land that is adequately built up to minimize flooding and ease of drainage.
- 1.5 The Project site should be secured to prevent the entrance of pest, wild birds and/or stray animals.
- 1.6 All pharmaceutical drugs administered to birds must be done by a certified animal health practitioner and in accordance with the Guyana Livestock Development Authority and Veterinary Public Health's Recommendations.
- 1.7 A foot bath containing a disinfectant solution must be maintained at the entrances of all pens and its use must be mandatory before entrance.
- 1.8 Bedding materials should be kept as dry as practicable during the rearing cycle of birds and changed after each batch of birds are harvested. Bedding materials should be promptly removed from pens after growing cycle has been completed.
- 1.9 Fresh bedding materials should be stored in bags in an area that is dry until such time for disposal or use.



- 1.10 Fresh bedding materials should be spread over the entire floor area at a depth of approximately 7.5 – 10 cm. Materials used as bedding may include but not limited to the following: non-toxic wood shavings, sawdust, paddy hulls or any material that is readily available, economical and possess good moisture absorbency.
- 1.11 Only use disinfectants that are approved by the Pesticides and Toxic Chemicals Control Board (PTCCB) and which instructions on labels are printed in English.
- 1.12 Poultry feed must be stored in a designated area, that is dry, well ventilated and screened to minimized the infestation of pest.
- 1.13 Dispose of all expired pharmaceutical drugs or chemicals as per their Material Safety Data Sheet directions and in accordance with the Agency's waste management guidelines.

2.0 EMPLOYEES AND OCCUPATIONAL HEALTH AND SAFETY

- 2.1 Adhere to the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**
 - 2.1.1 All employees must be equipped with and trained in the use Personal Protective Equipment in accordance with their job specifications.
 - 2.1.2 A first aid kit, equipped in accordance with the Guyana Red Cross Standards must be located onsite at all times.
- 2.2 Transportation and communication systems must be place to respond in cases of emergencies.
- 2.3 All relevant employees must be made aware of the Conditions of this Environmental Permit, and be provided with training on the potential risks of exposure to biological agents, such as, bacteria, fungi, virus, mites, parasites and ticks.

3.0 WASTE MANAGEMENT

- 3.1 Adhere to the provision of the **Environmental Protection (Litter Enforcement) Regulations 2013.**

- 3.2 Maintain good house-keeping, sanitary and hygienic practices. The aesthetic quality of Project site must be maintained at all times.
- 3.3 Covered garbage receptacles must be placed at strategic locations around Project site. Solid waste collected in these receptacles must be disposed in a manner approved of by the Agency.
- 3.4 The open burning of solid waste on-site is strictly **prohibited**.
- 3.5 Dispose of all poultry solid waste including litter, feathers, dead birds, and animals' entrails in a manner approved of by the Agency.
- 3.6 In the event that poultry litter is temporarily stored on site, it should be stored in a designated area that is covered and not prone to flooding.
- 3.7 When removing poultry litter from pens it should be kept as dry as possible by scraping instead of flushing with water. Water may be used for cleaning after scraping, and the amount used should be minimized by the use high-pressure, low-flow nozzles.

4.0 WATER QUALITY MANAGEMENT

- 4.1 Comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.
- 4.2 All blood drained from slaughtering process must be collected separately and disposed of in accordance with measures outlined in project summary. At no time should blood washed down in effluent stream.
- 4.3 All effluent generated from slaughtering facility and the "wash down" of pens must be directed to a soak away system for treatment before final discharge to the environment.
- 4.4 Ensure that wherever possible water conservation is promoted by restricting wastage and recycling or re-using water where practical.
- 4.5 The discharge or dumping of solid waste and/or untreated effluent directly into the main waterway is **strictly prohibited**.
- 4.6 Ensure that the drainage system is free of debris and/ or vegetation. Regular



cleaning of the drainage network and the immediate environs must be conducted.

5.0 AIR QUALITY AND NOISE MANAGEMENT

5.1 Comply with the provisions of the **Environmental Protection (Air Quality) Regulations 2000** and the **Environmental Protection (Noise Management) Regulations, 2000**.

5.2 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 15 m (50 ft) from the source or property boundary, whichever is closer.

- **Residential Limits:** **75 dB** (Day-time (06:00 h -18:00 h))
 60dB (Night-time (18:00 – 06:00 h))

5.3 Ensure all significant noise-producing equipment, e.g., generator (s), 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 *Guyana National Bureau of Standards* (GNBS) requirement.

5.4 Ensure all equipment and machinery are placed on foundations that are properly designed to ensure effective damping of vibrations.

5.5 Implement all possible measures such as, ensuring equipment and machines are serviced and operated according to manufacturer's recommendations to minimise the impact of sound levels on the environment.

6.0 COMPLIANCE MONITORING AND REPORTING

6.1 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.

6.2 Monitor the implementation of the conditions of this Environmental Permit, insofar as they involve adherence by your employees and all third parties under your direction.

6.3 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*).

- 6.4 Conform to all terms and conditions under which this Environmental Permit 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.
- 6.5 Inform the Agency prior to or **within thirty (30) days** of any change of name or ownership of the operation.
- 6.6 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.
- 6.7 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.
- 6.8 Report to the Agency of non-compliance with the Environmental Permit:
 - 6.81 Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit becomes aware of the non-compliance, the anticipated manner in which it may endanger human health or the environment.
 - 6.82 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.
 - 6.83 Submit a report to the Agency indicating the reasons and the anticipated time it is expected to continue if the non-compliance has not been corrected.

7.0 INSTITUTIONAL AUTHORITY / LIABILITIES

- 7.1 The EPA reserves the right to conduct regular inspections of the Permit Holder's



Environmental Permit - Reference Number: 20220621 - DJHPR



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- 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 Environmental Protection (Authorisations) Regulations, 2000.
- 7.2 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 Environmental Protection (Authorisations) Regulations, 2000.
- 7.3 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.4 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. Pursuant to s.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.
- 7.5 This Environmental Permit is not the final consent; all relevant permission should be obtained from other regulatory bodies for continued operation.
- 7.6 The Permit Holder shall compensate any Party who suffers any loss or damage as a result of the attributed Project (Part V, s. 19 (3)(e)) EP Act, Cap. 20:05, Laws of Guyana.
- 7.7 The Agency (EPA) shall notify the Permit Holder immediately of any written claim or notice sent by any complainant seeking loss or damage for negligence as a result of the Permit Holder lack of due care and diligence.
- 7.8 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 marine environment, biodiversity, protected species and natural habitat with respect to any release or discharge, spill, contaminant fluids, oil or lubricants from the fuel storage.
- 7.9 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose serious threat to natural resources or serious pollution of the

Environment or any damage to public health, issue to the Permit Holder a Prohibition Notice Order to immediately cease the offending activity. S 27 EP Act, Cap. 20:05, Laws of Guyana.

- 7.10 Should the Permit Holder contravene or is likely to contravene any condition of this Permit, the Agency (EPA) may serve on him an Enforcement Notice in accordance with s. 26 of the EP Act, Cap. 20:05, Laws of Guyana.
- 7.11 This Environmental Permit is effective for the period stipulated herein **February 2023 to January 2026**. This Environmental Permit shall remain valid until **January 31, 2026**, unless otherwise modified, cancelled, suspended or revoked 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 Regulations, 2000.
- 7.12 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 **July 31, 2025**.
- 7.13 Any late submission of renewal application (s) after the specified date as stated above, shall 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 day late, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.
- 7.14 Failure to comply with the requirements of this Permit shall render the Permit Holder liable to prosecution and to penalties prescribed under the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection Regulations, 2000, including civil penalties and injunctive relief.

Signed by
Agency.


 **Kemraj Parsram**
Executive Director

on behalf of the Environmental Protection

Date

2023. 01. 27



Environmental Permit - Reference Number: 20220621 - DJHPR

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.

I hereby accept the above Terms and Conditions upon which this Environmental Permit 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 Regulations, 2000, and any forthcoming regulations and standards made under this Act.

NAME:	Dwain Yhercules
DESIGNATION:	OWNER
SIGNATURE:	Dwain Yhercules
DATE:	25-04-2023

