



**Environmental
Protection
Agency**

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Operation 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.:	20121011-FILPR
Fees:	Small (C1) - US \$100 per year
Fees Paid:	US\$500: Five (5) Years (March 2021 to February , 2026)

Addressee(s): Mr. Gerard Stuart Gonsalves,
Fairfield Investments Limited
Fairfield Estate
Mahaicony
East Coast Demerara.



Activity: Poultry Rearing Facility (broiler production)

Fairfield Investments Limited, 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 (broiler production), located at Fairfield Estate, Mahaicony, East Coast Demerara, hereinafter referred to as the "Project", in a manner indicated in the Application submitted on October 06, 2020, 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.

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

1.0 OPERATION

- 1.1 Notify the Agency in writing and obtain its approval for ANY proposed changes to the operation **at least fourteen (14) days** prior to making the change. The

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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, or any additional installation, which may have consequences for the environment. Changes to operation may include but not be limited to the following:

- a) Changes in construction, structure, or layout of the facility, plant or building;
 - b) Installation of new and/or changes to equipment, machine, apparatus, mechanism, system or technology serving the facility or operation;
 - c) Any technology used or installed at the facility from which effluent may be discharged from.
 - d) Any other variance prescribed by Regulation 20 (3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Utilize the land in accordance with the plan submitted to the Agency. All specifications of buildings' locations, pathways, reserves and boundary lines must be adhered to, unless otherwise approved by the EPA.
 - 1.3 Operate the Project in accordance with Environmental Protection Agency's operational guidelines for poultry rearing.
 - 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 have security measures in place, so as to prevent the entrance of pest and stray animals.
 - 1.6 Ensure that all drugs, especially antibiotics administered to the birds are done in accordance with: manufacturers', the Guyana Livestock Development Authority and Veterinary Public Health's Recommendations.
 - 1.7 Provide the names and Safety Data Sheets (SDS) for **All** pharmaceutical drugs and/ or chemicals administered to animals. Reporting on same must be done as part of your Annual Report.
 - 1.8 Maintain a foot bath at the entrance of each pen. The minimum dimensions of foot bath should be **40 cm length x 40cm width x 10 cm depth**.

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- 1.9 The roof of poultry housing should have an overhang/ projection of at least 0.90m (3 ft). Rain water gutters should be attached to divert run-offs from roofs into nearby drains.
- 1.10 Only use disinfectants that are approved by the Pesticides and Toxic Chemicals Control Board (PTCCB). Disinfectants labels and MSDS sheets must be printed in English.
- 1.11 Ensure that the bedding materials used are routinely removed and replaced in areas susceptible to moisture such as, next to the water dispensers/holders. The litter bed can be kept loose by raking.
- 1.12 Feed must be stored in a specific area that is dry, well ventilated, and meshed to minimize pest infestation. Install storage racks 15-30cm above the ground to minimize the absorption of moisture and/or contaminants.
- 1.13 Maintain the distribution of two (2) feeders and three (3) automatic water dispensers to every 100 birds.
- 1.14 Dispose of all expired pharmaceutical drugs or chemicals as per their Material Safety Data Sheet directions and in accordance with the EPA waste management guidelines.

2.0 EMPLOYEES AND OCCUPATIONAL HEALTH AND SAFETY

- 2.1 All relevant employees must be made aware of the Conditions of this Operation Permit, and be provided with training on good environmental management practices. Records of such training must be submitted as part of your Annual Report.
- 2.2 Washroom facilities must be equipped with hand washing stations. All waste water emanating from facilities must be disposed of via a septic system.
- 2.3 All employees must be equipped with and trained in the use of Provide Personal Protective Equipment (PPE) to suit their job specification.

PPE should include, but are not limited to:

- Respirators (fit tested) and/ or dust mask
 - Gloves
 - Coveralls
 - Goggles
 - Long boots.
- 2.4 Provide areas for employees to wash off hands and skin after interaction with birds.

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- 2.5 Good hygienic practices should be employed at all times to minimize disease contraction when handling birds.
- 2.6 Provide a first aid kit equipped according to the Red Cross standard for a minimum of six employees at the work site and ensure that communication and transportation systems are in place to respond to emergencies.
- 2.7 At all times, operate the Project in such a manner that will result in minimal impact on public health and safety and the environment.

3.0 WASTE MANAGEMENT

- 3.1 **Adhere to the provisions of the Environmental Protection (Litter Enforcement) Regulations 2013.**
- 3.2 Ensure effective management of recoverable materials and that all waste generated by the project, in accordance with s. 19(1), (2) and (3) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 3.3 Maintain good house-keeping, sanitary and hygienic practices. The aesthetic quality of Project site must be maintained at all times.
- 3.4 Covered garbage receptacles must be placed at strategic locations on Project site. Solid waste collected in these receptacles must be disposed of at an approved waste disposal facility.
- 3.5 The open burning of solid waste on-site **is strictly prohibited.**
- 3.6 Dispose of all poultry solid waste including litter, feathers, dead birds, and animals entrails at an approved waste disposal facility.
- 3.7 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.
- 3.8 When removing animal waste and bedding, keep waste as dry as possible by scraping wastes instead of flushing with water. Water may be used for cleaning after scraping, and the amount used should be minimized by using high-pressure, low-flow nozzles.

4.0 WATER QUALITY MANAGEMENT

- 4.1 **Comply with the provisions of the Environmental Protection (Water Quality) Regulations 2000.**

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- 4.2 Maintain the integrity of the water ways at all times. Discharges into the environment should be in accordance with the **Guyana National Bureau of Standards Interim Guidelines for Industrial Effluent**. The maximum allowable limits should be as follows: pH (5.0-9.0), Temperature (<40°C), COD (<250mg/L), TSS (<50mg/L), Total Nitrogen (<10mg/L), BOD (<50mg/L) and Oil and Grease (<10mg/L).
- 4.3 Ensure that wherever possible water conservation is promoted by restricting wastage and recycling or re-using water where practicable.

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)) and
- **60dB** (Night-time (18:00 – 06:00 h))

6.0 COMPLIANCE MONITORING & 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 Operation Permit (Renewed), insofar as they involve adherence by your employees and all third parties under your direction.
- 6.3 Submit to the EPA **Environmental Annual Report** 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.
- 6.4 Conform to all terms and conditions under which this Operation Permit (Renewed) is granted. The Permit Holder, His Agents, and/or Sub-contractors shall be liable for any loss or damage which arises from the project as a result of the activities attributable to the project or breach of any term or condition of this Permit.

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- 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 Holders 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 any non-compliance (s) with the Operation Permit (Renewed) as follows:
 - 6.8.1 Within **twenty-four (24) hours** of the time the Permit Holder becomes aware of the non-compliance, the anticipated manner in which it may endanger human health or the environment.
 - 6.8.2 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.
 - 6.8.3 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 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 (Authorisations) Regulations, 2000.
- 7.2 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.
- 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, 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,

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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 Operation Permit (renewed) is not the final consent; all relevant permissions should be obtained and maintained from other regulatory bodies for continued operation.
- 7.6 The Permit Holder, his Servants, Agents and/or Sub-Contractors shall be strictly jointly and severally liable as follows:
- a. For any activity that causes, or is likely to cause pollution of the environment, unless all reasonable and practicable measures were taken to prevent or minimise any resulting adverse effect, in accordance with Section 19(1)(a) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
 - b. For any activity which results in the discharge, release or entry into the environment of any contaminant in any amount, concentration or level in excess of that prescribed by the regulations or stipulated by this Permit, in accordance with Section 19(1)(b) of the Environmental Protection Act, Cap. 20:05 Laws of Guyana.
 - c. The discharge or release of contaminants, such as sludge, wastewater, hydraulic fluids, lubricants, fuel, chemicals, hazardous materials or other wastes relative to the Project, which are not regulated herein, or permitted to be discharged herein, are strictly prohibited. Any such discharge or release shall be deemed a violation of Section 19(1)(a) and/or Section 19(1)(b) of the Environmental Protection Act.
 - d. For the compensation of any Party who suffers any loss or damage as a result of the project. (s.19(3)(e)) Environmental Protection Act, Cap. 20:05, Laws of Guyana.
 - e. For any material or serious environmental harm caused by pollution of the environment intentionally or recklessly in accordance with section 39 (1), (2), (3) and (4) of the Environmental Protection Act, 20:05, Laws of Guyana.
 - f. Any gross negligence or willful misconduct resulting in serious risk, or adverse effects to the marine environment, biodiversity, protected species and natural habitat with respect to any release or discharge, spill,

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- contaminant fluids, oil, or lubricants from any facilities permitted under this project.
- g. For the payment of all costs and expenses related to the assessment of damage and investigations required, as result of any pollution incidents attributable or likely to be attributable to the activity for which this Permit has been issued.
- 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 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, the EPA may issue to the Permit Holder a Prohibition Notice Order to immediately cease the offending activity in accordance with Section 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.9 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 Section 26 of the EP Act, Cap. 20:05, Laws of Guyana.
- 7.10 This Operation Permit (renewed) is effective for the period stipulated herein **March, 2021 to February, 2026**. This Operation Permit (renewed) shall remain valid until **February 29, 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.
- 7.11 This Permit must be renewed by submitting a completed *Application Form for Renewal of Environmental Authorisation* to the Agency at least six (6) months before this Permit expires, that is, no later than **August 31, 2025**.
- 7.12 Any late submission of renewal application 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 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.

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7.13 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  on behalf of the Environmental Protection Agency.
Ms. Sharifah Razack
Executive Director (a.g)

Date 2021-03-05

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

NAME:	Avinash Ramjit
DESIGNATION:	Driver
SIGNATURE:	A Ramjit
DATE:	23-03-21



A Ramjit
23-03-21