



**Environmental  
Protection  
Agency**

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## Operation 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.:	20200123 - GSSRU
Fees:	Small (C1) US\$100 per year
Fee Paid:	US\$500: Five (5) Years (April, 2021 to March, 2026)

**Addressee(s):** Mr. Gopal Sanasie,  
Proprietor  
Sanasie and Son Livestock Farm  
Lot 561, Housing Scheme Uitvlugt  
West Bank Demerara.



**Activity:** Swine Rearing Operation

Mr. Gopal Sanasie, trading and operating under the name, Sanasie and Son 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 swine rearing operation located at Lot 20, Block 'A' Plantation Good Hope East Bank Essequibo, hereinafter referred to as the "Project", in the manner indicated in the Application submitted on January 23, 2020, subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, and/or 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.

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

### 1.0 OPERATION

- 1.1 Notify the Agency in writing and obtain its approval for **ANY** proposed changes in the operation at least **fourteen (14) days before** 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, of the installation, which may have consequences for the environment, including but not limited to the following:

- i. Changes in construction, structure, layout of the facility;
- ii. Installation of new and/or changes to equipment, machine, apparatus, mechanism, system or technology serving the facility or operation;
- iii. Any technology installed at the facility from which effluent may be discharged; or
- iv. Any other variance prescribed by Condition 20(3) of the Environmental Protection (Authorisations) Regulations.

- 1.2 **Submit to the Agency the Transferred Lease Agreement within the first year of the issuance of this Operation Permit; failing which, the EPA reserves the right to order the cessation of all activities at the Project site.**
- 1.3 Operate the Project in accordance with measures outlined in the Environmental Protection Agency's **Environmental Guidelines for Swine Rearing**.
- 1.4 At all times, concrete floors (base of pens), walls and drainage facility must be maintained in a good state of repair.
- 1.5 Reduce mortalities through proper animal care and disease prevention and management.
- 1.6 Ensure that all drugs, especially antibiotics administered to swines 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 annual reports.
- 1.8 Only use disinfectants that are approved by the Pesticides and Toxic Chemicals Control Board (PTCCB) and which instructions on labels are printed in English.
- 1.9 Feed must be stored in a designated area that is dry, well ventilated and meshed to minimize pest infestation. Install storage racks 15-30cm above the ground to prevent absorption of moisture and/or contaminants.
- 1.10 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.

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1.11 The slaughtering of swines onsite is **strictly prohibited**.

**2.0 EMPLOYEES AND OCCUPATIONAL HEALTH AND SAFETY**

- 2.1 All employees should be adequately informed of the potential risks of exposure to biological agents, such as, bacteria, fungi, virus, mites, parasites and ticks. Training on the recognition and mitigation of these risks must be provide to employees.
- 2.2 All employees must be equipped with and trained in the use of personal protective equipment (PPE) to fit their job specification such as: high-visibility vests, respirator, overall, gloves, and long boots and ensure appropriate utilisation of these gears. A log for the distribution of Personal Protective Equipment to employees must be maintained. Evidence of distribution log must be presented to officers of the Agency upon request during a compliance inspection, and a summary must be included in the **Environmental Annual Report**.
- 2.3 A first aid kit equipped according to the Guyana Red Cross standards must be located on site at times. Additionally, communication and transportation systems must be in place to respond to emergencies.
- 2.4 Make all employees/third party contractors aware of the Conditions of the Operation Permit and provide training on good environmental management practices. Prepare and maintain a training file for employees which should be available upon Officers' request during a Compliance Inspection, and a summary of such training must be included in the **Environmental Annual Report**.

**3.0 WATER QUALITY MANAGEMENT**

- 3.1 Comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000**.
- 3.2 **At no time** should fecal matter, residual feed or any other solid waste be disposed of in surrounding drains and/or waterways. Solid wastes must be first removed from pens before flushing with water.
- 3.3 All effluent generated from the cleaning of the pens must be discharge into the concrete storage tank and **must** be used to irrigate surrounding cropping areas.
- 3.4 Maintain the drainage network surrounding pens and within the compound to ensure the free flow of water. Drainage network should be kept free of debris and/or vegetation.

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**4.0 WASTE MANAGEMENT**

- 4.1 Adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013.**
- 4.2 Maintain good house-keeping, sanitary and hygienic practices. The good aesthetic quality of your surroundings must be maintained at all times.
- 4.3 Promote proper solid waste management practices at the Project site. Covered garbage receptacles must be placed at strategic locations, both in and outside of the operation. All solid waste generated by employees must be collected in these receptacles and disposed of in a Solid Waste Pit. Reuse, recycle and/or compost waste materials as far as practicable.
- 4.4 All solid waste materials removed from pen floors must be stored in covered area that is at least 10 meters away from any waterway.
- 4.5 A Solid Waste Pit should be constructed at least 100 metres away from waterways, above the water table.
  - 4.5.1 Storm water should be diverted from the waste pits. Pits should be maintained and covered on a regular basis to avoid fly and rodent infestations, as well as, mal-odours from leachate.
  - 4.5.2 When the maximum capacity is reached, the solid waste pit should be covered with at least 0.3 metres of soil and a suitable site determined for another.
- 4.6 The environs of the latrine should be kept clean, in a hygienic manner and maintained both internally and externally. Ensure the construction and maintenance of new or existing Ventilated Improved Pit (VIP) latrines comply with the following:
  - i. Built with suitable materials such as hardwood or concrete materials and soil should be lined with at least 1.5 metres of clay/loam material to avoid leachate entering the ground water;
  - ii. Properly vented with a tall ventilation pipe located on the windward side;
  - iii. Fitted with a fly screen on top of the vent to prevent the passage of flies and mosquitoes (the meshed apertures (holes) of the fly screen must not exceed 1.5 millimeters, made with corrosion resistant material to withstand intense rainfall, high temperatures and strong sunlight);
  - iv. Positioned at least thirty (30) metres away from surface and ground water sources, creeks, wells or springs;



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- v. Dug at least 0.6 metres above the average ground water table and at least four (4) metres away from any dwelling (such as camps, and any sleeping and living quarters, etc.);
- vi. Easily reached during bad weather and maintained to prevent odour; and
- vii Covered with at least 0.3 metres of soil when the maximum capacity is reached and a suitable site determined for another latrine.

**5.0 AIR QUALITY AND NOISE MANAGEMENT**

- 5.1 Adhere to 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 15m (50 ft) from the source or property boundary, whichever is closer.
  - **Industrial Limits: 100dB** (Day-time (06:00 h - 18:00 h))
- 5.3 Implement all possible measures such as, ensuring equipment is serviced and operated according to manufacturer's recommendations to minimise the impact of sound levels on the environment.
- 5.4 Ensure that mechanical equipment and vehicles are regularly maintained and work at their optimal levels to minimise atmospheric emissions.

**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 Operation 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.
- 6.4 Conform to all terms and conditions under which this Operation Permit is granted and the Permit Holder 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.

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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 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 any non-compliance(s) with the Operation Permit 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 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, it is an offence to assault, obstruct or hinder an authorized 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.

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- 7.5 The Permit Holder, his Servants, Agents and/or Sub-Contractors while executing the activities attributable to the project shall be strictly jointly and severally liable as follows:
- 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 minimize any resulting adverse effect, in accordance with Section 19(1)(a) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
  - 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.
  - The discharge or release of contaminants, such as wood waste, industrial chemicals, 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.
  - 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.
  - 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.
  - Any gross negligence or wilful 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, contaminant fluids, oil, or lubricants from any facilities permitted under this project.
  - 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.
- 7.6 This Operation Permit is not the final consent; all relevant permissions, approvals and supporting documentations must be obtained from other regulatory bodies for continued operation, and subsequently maintained.


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27-05-2021



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- 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's 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 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 Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.10 This Operation Permit is effective for the period stipulated herein **April, 2021 to March, 2026**. This Operation Permit shall remain valid until **March 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.
- 7.11 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 **September 30, 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 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.
- 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. 04.18

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27-04-2021



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I hereby accept the above Terms and Conditions upon which this Operation 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:	GOPAL SANASIE
DESIGNATION:	OWNER
SIGNATURE:	<i>[Signature]</i>
DATE:	27-04-2021



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