



Environmental Protection Agency

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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.:	20210603-WHSMR
Fee:	Small (C1) US\$200 for Two Years i.e., US\$100 per year
Fees Paid:	US\$200: Two (2) years (December 2022 – November 2024)

Addressee: Mr Rodrick Melville
Lot 2275 West Minister,
Parfait Harmonie,
West Bank Demerara

Activity: Operation of A Wildlife Holding Station

Rodrick Melville, 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 Wildlife Holding Station, undertaking only the export and import of Wildlife located, at Tract “TL”, situated along the Northern Side of Laluni Road, Right Bank of the Demerara River, hereinafter referred to as the “Project”, in a manner indicated in the Renewal Application submitted on June 03, 2021, and subject to the terms and conditions set forth herein under the Environmental Protection Act, and/or existing and 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 for 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. effect any other change outlined in Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Good housekeeping, sanitary and hygienic practices must be maintained at all times.
- 1.3 All relevant employees must be made aware of the Conditions of this Environmental Permit.
- 1.4 All employees must be equipped with and trained in the use of the Personal Protective Equipment (PPE's) to fit job descriptions. The developer should ensure that PPEs are utilised at all times by employees during the execution work-related activities.
- 1.5 Adequate fire protection measures should be maintained at all times in accordance with the Guyana Fire Services specifications.
- 1.6 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.

2.0 HOLDING STATION MANAGEMENT

- 2.1 All cages housing birds, mammals and reptiles should have an independent entry and exits.
- 2.2 Maintain footbaths at the entrance of each pen. The minimum dimensions of foot bath should be **40 cm length x 40cm width x 10 cm depth.**
- 2.3 The following items should be stored in a designated and secured area:
- a. Antibiotics and/or vitamins for animals; and
 - b. Detergents and Sanitizing agents.

- 2.4 Ensure that pens are cleaned and sanitized (washed with disinfectants) after each batch of animals are changes, to minimize mal-odours and the spread diseases. Sanitisation schedule should be reported on as part of the project's Environmental Annual Report submission (see Condition 6.3).
- 2.5 Ensure regular maintenance of all reptile water ponds. The Area around the pond must be secured at all times to prevent escape of the animals.
- 2.6 Ensure that mechanisms are in place to prevent the escape of animals from cages and prevent the migration of unwanted animals into the pens or cages. The integrity of pens and cages should be maintained at all times.

3.0 WATER QUALITY MANAGEMENT

- 3.1 Comply with the provisions of the **Environmental Protection (Water Quality) Regulations 2000.**
- 3.2 **At all times** internal drainage system **must** be kept free of debris and/or vegetation.
- 3.3 Install and maintain mesh/screen traps at appropriate points throughout the drainage system and at the filter box (drainage end). All solid waste collected from drainage system and filter box must be disposed of in a manner approved by the Agency.
- 3.4 Maintain the septic tank for the treatment effluent before final discharge through the soak-away system located onsite.
- 3.5 The discharge of solid waste and/or effluent directly into water-ways onsite is **strictly prohibited.**
- 3.6 Monitor the well for heavy metals on an annual basis and for bacteria on a bi-annual basis, once within the rainy season and the other in the dry season and submit the results to the Agency. Comply with World Health Organization (WHO) Guideline (2006) Chemical Parameters and for Drinking Water Quality First Addendum to Third Edition, Volume One for heavy metals and bacteria respectively, not exceeding the limits shown in the table below:

Parameters	WHO Guideline (2006)
Iron (Fe)	2.0 mg/l
Copper (Cu)	2.0 mg/l

Zinc (Zn)	3.0 mg/l
Lead (Pb)	0.01 mg/l
Manganese (Mn)	0.4 mg/l
Arsenic (As)	0.01 mg/l
Microbiological Parameters	
<i>E. coli</i>	0/100 ml
Total coliform	0/100 ml

4.0 AIR QUALITY AND NOISE MANAGEMENT

- 4.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000** and the **Environmental Protection (Noise Management) Regulations, 2000**.
- 4.2 Maintain a buffer zone (rows of trees or other suitable vegetation inside the boundary downwind of the facility) of at least 26 metres (from the nearest residents). This buffer zone will act as a barrier against dust, noise and other air emissions from the Wildlife Holding Station.
- 4.3 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.
- **Residential Limits:** 75 dB (Day-time (06:00 h - 18:00 h))
 60 dB (Night-time (18:00h – 06:00h))
- 4.4 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.
- 4.5 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. Additionally, ensure that mechanical equipment work at their optimal levels to minimize atmospheric emissions.

5.0 WASTE MANAGEMENT

- 5.1 Adhere to the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013**.
- 5.2 Covered garbage receptacles must be placed at strategic locations around the facility, all solid wastes collected in these receptacles should be disposed on at an approved waste disposal pit located onsite.
- 5.3 Maintain a septic system on site at all times. The Septic tank should 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 tanks 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.
- 5.4 Dead animals **must** be removed from pens promptly and disposed of in a manner approved by the Agency.

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.
- 6.4 Conform to all terms and conditions under which this Environmental 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.
- 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 Environmental 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, Agents and/or Sub-Contractors 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.

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:

- 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 minimize 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 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, Cap. 20:05, Laws of Guyana.
- d. For the compensation of any Party who suffers any loss or damage as a result of the project. (s.19(3)(e)) of the 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 wilful misconduct resulting in serious risk, or adverse effects to the, 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.
- 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.

- 7.6 This Environmental 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.
- 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 Environmental Permit is effective for the period stipulated herein **December 2022 to November, 2024**. This Environmental Permit shall remain valid until **November 30, 2024**, 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 **May 31, 2024**.
- 7.12 Any late submission of renewal application after the specified date as stated above, 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 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 and its regulations and any other applicable laws of Guyana, including civil penalties and injunctive relief.

Signed by Sharifah Lazack on behalf of the Environmental Protection Agency.



Date 2022-12-29

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 and any applicable existing or forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME:	Rodrick Melville
DESIGNATION:	Owner
SIGNATURE:	R. Melville
DATE:	12-01-2023



