



**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

<b>Reference No.:</b>	<b>20221122 - SJLFH</b>
<b>Fee:</b>	<b>Small (C2) i.e., US\$175 per year</b>
<b>Fee to be Paid:</b>	<b>US\$875 for Five (5) Years (July, 2023 – June, 2028)</b>
<b>Addressee:</b>	<b>Sinead John Manager 5 ½ Miles Bartica Potaro Road in Administrative Region 7</b>
<b>Activity:</b>	<b>Construction and Operation of a Funeral Parlour</b>

Luborn Funeral Parlour, hereinafter referred to as the “Permit Holder”, is hereby authorised in accordance with the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to Construct and Operate a Funeral Parlour at 5 ½ Miles Bartica Potaro Road in Administrative Region 7, hereinafter referred to as the “Project”, in a manner indicated in the Application for Environmental Authorisation submitted on November 11, 2022 and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, existing and/or forthcoming Regulations made under the said Act, and/or any applicable laws, guidelines, best practices, 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 CONSTRUCTION**

- 1.1 Land clearing and disturbance shall be limited to areas where immediate work is taking place.
- 1.2 Areas for construction material stockpiles and equipment shall be clearly identified. Stockpile areas shall be downwind to avoid materials being dispersed by wind to sensitive areas. Loading and offloading activities shall, as far as possible, also be confined to this location.
- 1.3 Temporary stockpiles of construction materials, including excavated waste shall be stored in a secured, designated area, and protected from wind and watererosion.

- 1.4 Materials shall not be placed within **3m** of any canal, drain, or river, providing the installment of a silt fence adequately designed and constructed to retain the stockpile.
- 1.5 Stockpiles shall not exceed two (2) meters in height.
- 1.6 Temporary stockpiles shall not exceed **twenty-four (24) hours** before being removed, or transferred to the appropriate designated stockpile areas established by Condition 1.2.
- 1.7 A silt fence shall be installed **at least 3 meters** from the boundary of any canal, drain or river to prevent any possible contamination from construction material. The height of the silt fence shall be **no less than 3 meters**; the distance between fence posts shall **not exceed 1.2 meters (4 ft.)**, and fence posts shall be installed at a depth of **at least 0.6 meters (24 inches)**.
- 1.8 Material stockpiles, including dusty materials transported to, from, and within the site shall be enclosed or covered to reduce airborne emissions. Where this is not practical owing to frequent usage, employ wet suppression methods such as watering or erecting dust screens/fences to control emissions.
- 1.9 Where feasible, pre-mixed, 'ready-mixed' concrete shall be used to reduce dust emissions caused by on-site preparation.
- 1.10 All oils, lubricants, and fuel shall be maintained, managed (including refuelling of equipment and machinery), and stored on impervious surfaces within secondary contained areas.
- 1.11 Measures shall be implemented for the removal of any contamination and or siltation of drains during construction.
- 1.12 All construction equipment and machinery shall be maintained in accordance to the manufacturer's specifications to avoid mechanical failures and abnormal noise pollution. Logs and records signed by the appropriate inspecting personnel shall be maintained and made available for inspection by the EPA upon request.
- 1.13 All cutting of wood and mixing of cement shall be conducted at least 15m from perimeter drains to minimise pollution.

## **2.0 GENERAL OPERATION**

- 2.1 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 20(3) of the Environmental Protection (Authorisations) Regulations.
- 2.2 Cleaning agents (sanitizing solutions/surfactants, disinfectants, chlorine bleaches, detergents) shall be used at a 1:10 dilution with water i.e., one (1) part cleaning agent to nine (9) parts water.
- 2.3 The preparation table (for the deceased) shall be smooth, impervious, and free from cracks and crevices.
- 2.4 Liquid hand soap along with hot air dryers or paper towel dispensers shall be mounted on the walls of the preparation room and detergents and germicidal solutions shall be placed next to hand washing sinks for use by all personnel.
- 2.5 Embalming Fluids shall be stored on an impervious base, within a bunded area, and in accordance with their respective Safety Data Sheets (SDS).
- 2.6 Storage containers for Embalming Fluids shall be clearly labelled. These labels shall include the chemical name, chemical manufacturer, major hazard(s), and date received and/or prepared.
- 2.7 An annual register including the quantity of embalming fluid utilized by the facility shall be maintained by the funeral home and submitted by the developer to the EPA upon request.
- 2.8 Maintain the following in accordance with guidelines established by the Central Board of Health:
- 2.8.1 Refrigeration unit temperature of 2°C and 4°C;
  - 2.8.2 Each body or body part shall be kept in body bags or appropriately wrapped during storage.
- 2.9 Dry Ice shall be used by the Funeral Home for the following instances:
- Dry Ice (carbon dioxide (CO<sub>2</sub>) frozen at - 78.5°C) may be suitable for short-term storage;
  - Dry Ice shall not be placed on top of cadavers, even when wrapped;
  - Build a low wall of dry ice (0.5 m high) around cadavers which shall be covered with a plastic sheet, tarpaulin, or tent.
- 2.10 Fire prevention and control equipment shall be maintained at the Project in accordance with this Guyana Fire Service Approval.
- 2.11 Make all employees, and third parties under your direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices. Annual training schedule shall be kept and submitted to the Agency upon request.
- 2.12 Adhere to the requirements of the **Occupational Safety and Health Act, Cap.**

**99:01, Laws, of Guyana.**

**3.0 WATER QUALITY**

- 3.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000.**
- 3.2 The direct discharge of untreated wastewater into the environment is **strictly prohibited.**
- 3.3 A holding tank for the collection of all wastewater generated with the exception of human excrement shall be constructed and maintained.
- 3.4 All wastewater from the bathing of cadavers shall be directed to the holding tank.
- 3.5 Wastewater from the holding tank shall be collected, treated, and disposed of in accordance with the disposal method prescribed in Project Summary.

**4.0 NOISE MANAGEMENT**

- 4.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**
- 4.2 All significant noise-producing equipment, such as generators, and machinery used for joinery work shall be equipped with silencers or mufflers and/or be enclosed in suitable acoustic enclosures where necessary, to reduce noise levels impacting the surrounding environment to achieve compliance with the Guyana National Bureau of Standards (GNBS) requirement.
- 4.3 All generators and machines/equipment shall be serviced in accordance with the manufacturer's specifications to ensure efficiency and reduce the level of noise produced. The maintenance report shall be submitted as a component of the Annual Environmental Report required in **condition 7.6.**
- 4.4 Noise emissions shall be monitored at the boundary of the project (15 meter away from the source of noise) annually to determine compliance with Guyana National Bureau of Standards (GNBS) *Guidelines for Noise Emissions into the Environment*, not exceeding the residential limits listed below:

**Commercial Limits: 80 dB** (Day-time (06:00 h -18:00 h))  
**65 dB** (Night- time (18:00 h - 06:00 h))

Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's Annual Report.

**5.0 WASTE MANAGEMENT**

- 5.1 In accordance with the **Environmental Protection (Litter Enforcement)**

**Regulations, 2013**, promote good sanitation and solid waste disposal practices on site. Covered garbage receptacles shall be placed upon impervious bases at strategic locations, both within and outside the facility.

- 5.2 Waste contaminated by dead bodies shall be buried with cadavers.
- 5.3 Burning of solid waste is **strictly prohibited**. All solid waste shall be disposed of by an EPA-authorized waste disposal company.
- 5.4 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning waste handling and disposal areas (e.g., sweeping, use of absorbents).
- 5.5 The Permit Holder shall construct and maintain a septic tank system on site 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*:
  - i) The septic tank shall not be located within 1.5 meters of a building or property boundary;
  - ii) septic tanks shall be installed with a sand and charcoal filter bed, or other appropriate design for further treatment; and
  - iii) shall be accessible for cleaning and de-sludging.
- 5.6 Any modification to the Septic tank shall 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*.
- 5.7 Cleaning and de-sludging of the septic tank shall be done by an EPA Authorised waste management company.

## **6.0 COMPLIANCE MONITORING AND REPORTING**

- 6.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, biohazardous materials/wastes spill, sudden onset disaster, natural, technological or human-induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood).
- 6.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 6.3 Notify the Agency in writing of any change of name or ownership of the Permit Holder's facility within **thirty (30) days** after the change occurs.
- 6.4 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.



- 6.5 Maintain and submit to the Agency records of the type, composition and quantity of contaminant released (i.e., any solid, liquid, gas, odour, sound, vibration, radiation, heat or combination of any of them).
- 6.6 Submit an **Annual Report** to the EPA on your compliance with this Permit on or before **March 31, each year**.
- 6.7 Report to the Agency any non-compliance(s) with the Environmental Permit:
- i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit becomes aware of the non-compliance outlining the anticipated manner in which human health or the environment may be impacted.
  - ii. Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit 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.
- 6.8 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.
- 6.9 It is the responsibility of the Permit Holder to ensure the permitted activity and premises are secured and that all practicable steps necessary to prevent fires, explosions, leaks or suspected leaks and spills at the permitted premises are taken.
- 7.0 INSTITUTIONAL AUTHORITY/ LIABILITIES**
- 7.1 The Permit Holder shall 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.
- 7.2 The Permit Holder shall 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.
- 7.3 The Permit Holder shall be liable for any activity that causes or is likely to cause pollution of the environment unless all reasonable and practicable measures are taken to prevent or minimize any resulting adverse effect, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.4 The Permit Holder shall be liable for discharging, causing or permitting the 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 Environmental


Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

- 7.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 6.3 and 6.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.6 The Permit Holder shall 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.
- 7.7 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 environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 7.8 Shall 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.
- 7.9 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.
- 7.10 The EPA reserves the right to conduct regular inspections of the Permit Holder's activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap 20:05, and the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 7.11 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 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.
- 7.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.


- 7.13 **This Environmental Permit is not the final consent; all relevant Permissions shall be obtained from other regulatory bodies for continued operation.**
- 7.14 This Environmental Permit is effective for the period stipulated herein; **July, 2023 to June, 2028.**
- 7.15 This Environmental Permit shall remain valid until **June 30, 2028**, unless otherwise suspended, cancelled, modified or varied, 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 (Authorisations) Regulations, 2000.
- 7.16 This Permit shall be renewed by submitting a completed *Application Form for Renewal of Environmental Authorization* to the Agency at least six months before this Permit expires, that is, no later than **December 31, 2027.**
- 7.17 Any late submission of renewal application after the specified date as stated above, may require the Permit Holder to pay, in addition to the 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.
- 7.18 Failure to comply with the requirements of this Permit or with applicable laws and regulations, whether existing or forthcoming, shall render the Permit Holder liable to prosecution and to penalties, inclusive of civil penalties, injunctive relief and imprisonment, as prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection Regulations and other applicable Laws of Guyana.



**Environmental Permit -Ref. 20221122-SJLFH**  
**Issued under the Environmental Protection Act, Cap. 20:05, 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 11. 7. 2023

NAME:	Sinead John
DATE:	12 <sup>th</sup> July, 2023
SIGNATURE:	
DESIGNATION:	Manager

**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, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, and any existing or forthcoming regulations, guidelines, best practices and standards made under this Act.**



