




**Environmental
Protection
Agency**

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

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.:	20071105- GJFHO
Fees:	Medium (C1) - US\$500 per year
Fee Paid:	US\$2,000 (4 years –February 2020 to February 2024)
Addressee:	Arlene Mentore Manager G. Jetsco Funeral Home 120, Dageraad Avenue Mackenzie, Linden 
Activity:	Operation of a Funeral Home

Arlene Mentore of “G. Jetsco Funeral Home”, 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 the Funeral Home located at 120, Dageraad Avenue Mckenzie, Linden, hereinafter referred to as the “Project”, in a manner indicated in the Application for renewal of Environmental Authorisation submitted on September 2, 2019, and subject to the terms and conditions set forth herein and 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.

Terms and Conditions for Operation to be adhered to by the Permit Holder:

1.0 GENERAL OPERATION

- 1.1 Notify the Agency in writing and obtain its approval from for **ANY** proposed changes in operation of the Funeral Home at least **fourteen (14) days** before making the change. The 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; and
 - iii. Any technology installed at the facility from which effluent may be discharged.
- 1.2 Provide adequate fire protection measures such as maintaining and placing fire-fighting equipment such as fire extinguisher and sand bucket, at a visible location on site, in accordance with guidelines established by the Guyana Fire Service.
- 1.3 Use cleaning agents (sanitizing solutions/surfactants, disinfectants, chlorine bleaches, detergents) at a 1:10 dilution with water i.e. 1 part cleaning agent to 9 parts water.
- 1.4 Staff shall be fully vaccinated with required dosage of Tetanus, Hepatitis B, etc. The vaccination record of staff shall be submitted to the Agency as part of the required **Annual Report** (see Condition 6.6).
- 1.5 The preparation table (for the deceased) shall be smooth, impervious and free from cracks and crevices.
- 1.6 Personal Protective Equipment (apron, gown, water proof safety shoes etc.) shall be worn by employees during the preparation of the cadaver.
- 1.7 Personal Protective Equipment shall be cleaned, sterilized and stored separate from the viewing/display area.
- 1.8 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.
- 1.9 A Register of the types and quantities of Hazardous and Non-hazardous Materials/Chemicals in accordance to the United Nations Classification of hazardous and non-hazardous materials, shall be established and maintained on site. Registered information shall be submitted to the EPA as a component of the required **Annual Report**.
- 1.10 Hazardous Materials shall be stored on an impervious base within a bunded area.

- 1.11 The area shall be secured and well ventilated. All containers and parcels containing chemical shall be clearly labeled with the chemical name, chemical manufacturer, major hazard(s), and date received and/or prepared.
- 1.12 Waste contaminated by dead bodies shall be buried with cadavers.
- 1.13 Funeral Services related activities shall take place between **06:00 h to 18:00 h** Maintain compliance with the working hours approved by the **Ministry of Labour**, i.e. Mondays to Fridays (07:30 h – 16:30 h), Saturdays (07:30 h – 12:30 h) and Sundays and Holidays (no work).

2.0 STORAGE OF CADAVERS

- 2.1 Maintain the following in accordance with guidelines established by Central Board of Health:
 - i. Refrigeration unit temperature of 2°C and 4°C.
 - ii. Install freezing compartment for the storage of decomposed bodies and temperature shall be kept at 0°C.
 - iii. Each body or body parts shall be kept in body bags or appropriately wrapped during storage.
- 2.2 Dry Ice shall be used by the Funeral Home for the following instances:
 - i. Dry Ice (carbon dioxide (CO₂) frozen at – 78.5 °C) may be suitable for short-term storage;
 - ii. Dry Ice shall not be placed on top of cadavers, even when wrapped. This is to prevent damage to cadavers;
 - iii. Build a low wall of dry ice (0.5 m high) around cadavers which shall be covered with plastic sheet, tarpaulin or tent.

3.0 AIR QUALITY AND NOISE MANAGEMENT

- 3.1 Adhere to the ***Environmental Protection (Air Quality) Regulations, 2000*** and the ***Environmental Protection (Noise Management) Regulations, 2000***.
- 3.2 Comply with the Guyana National Bureau of Standards (GNBS) Guidelines for Noise emission into the Environment, not exceeding the limits at a distance of 15 metres (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 (18:00 h - 06:00 h)]

- 3.3 Sound-making devices such as generators, etc. shall be equipped with silencers or mufflers to reduce noise levels and enclosed in structures constructed with materials of good noise insulation properties e.g. hollow concrete blocks, insulation boards, solid clay bricks etc.
- 3.4 Ensure that the exhaust stack of the generator is of an appropriate height, preferably at least two (2) metres above the tallest building nearby, to minimize adverse fumes/ soot impacts to the adjoining areas.

4.0 WATER QUALITY

- 4.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000.**
- 4.2 The discharge of effluent into receiving waters without treatment is **prohibited.**
- 4.3 Maintain a waste treatment holding tank to collect all liquid waste generated by the Funeral Parlour, for settlement and decontamination before entry into the drainage system. The sludge from the holding tanks shall be collected and disposed at an approved landfill by an approved waste disposal company.
- 4.4 Contaminated effluent shall be treated/decontaminated using formalin or a hypochlorite solution at a 1:10 ratio before final discharge.
- 4.5 Maintain the integrity of the existing waterways at all times. Discharges into the environment shall be in accordance with the *Guyana National Bureau of Standards Interim Guidelines for Industrial Effluent Discharge into the Environment* whose limits are:
- pH 5.0 – 9.0,
 - Temperature < 40,
 - BOD <50,
 - COD <250,
 - Total Suspended Solids <50 as, N as HN_3 <10,
 - P <2,
 - CN Tol. <1 Free: 0.1,
 - Cl <Cl: 0.2,
 - Phenols <0.5,
 - Coliform <400 MPN per 100 mls.



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Further, water quality monitoring of the parameters aforementioned shall be conducted annually and the results submitted as part of the 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 at the Funeral Parlour; covered garbage receptacles must be placed at strategic locations at the facility. Waste must be collected and disposed of at an approved waste disposal facility.
- 5.2 Waste materials **shall not be burnt on site.**
- 5.3 Maintain the septic tank installed with a sand and/or charcoal filter bed, or other appropriate design for further treatment. This 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 Maintain good housekeeping, sanitary and hygienic practices and the aesthetic quality of your surroundings at all times.
- 5.5 Maintain the concrete drainage system which must be free flowing and always functional

6.0 COMPLIANCE, MONITORING AND REPORTING

- 6.1 Adhere to any lawful directions given by the EPA from time-to-time in furtherance of the implementation of any international or other obligations for the environmental protection of Guyana.
- 6.2 Notify the Environmental Protection Agency **within twenty-four (24) hours** of the occurrence of any spills or accidental release of an environmental contaminant.
- 6.3 Make all employees aware of the conditions of the Operation Permit (Renewed) and provide training on good environmental management practices.
- 6.4 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.
- 6.5 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.

6.6 Submit **Annual Reports** to the EPA on the progress of the operation and compliance with the conditions under which this Permit was granted on or before **March 31 of each year**. Please see attached reporting format.

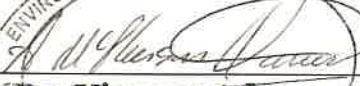

7.0 INSTITUTIONAL AUTHORITY /LIABILITIES

- 7.1 The EPA reserves the right to conduct regular inspections of your operation as part of its monitoring and enforcement requirements under the Environmental Protection Act cap. 20:05, Laws of Guyana, Environmental Protection Amendment) Act, 2005, and the Environmental Protection (Authorisation) 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 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 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.
- 7.4 The EPA shall have the right to cancel or suspend this permit for breach of ANY of its terms and conditions contained herein.
- 7.5 The Permit Holder shall be guilty of any offence in accordance with s. 39(1), (2), (3), (4) of the EP Act, Cap. 20:05, which states respectively – *“every person who causes material or serious environmental harm by polluting the environment intentionally or recklessly and with the knowledge that material and/or serious environmental harm will or might result is guilty of an offence and shall be liable to the penalties prescribed under the Act”*.
- 7.6 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.
- 7.7 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 Environmental Protection Act, Cap. 20:05, Laws of Guyana.

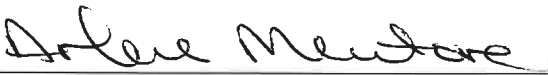
- 7.8 The Permit Holder shall be liable for any loss or damage which may arise from the project as a result of the Permit Holder's activities or breach of any term or condition of this Permit.
- 7.9 Compensate any affected party who suffer ANY loss or damage as a result of the attributed project. Part V, s. (19) (3) (e), the Environmental Protection Act cap. 20:05, Laws of Guyana.
- 7.10 This Permit is not the final development consent. Permissions should be obtained from other relevant regulatory bodies prior to project implementation.
- 7.11 This Operation Permit (Renewed) is effective for the period stipulated herein **February 2020 to February 2024.**
- 7.12 This Operation Permit (Renewed) shall remain valid until **February 29, 2024**, 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.
- 7.13 This Permit must be renewed by submitting 'an Application for Renewal of Environmental Authorisation to the Agency at least six (6) months before this Permit expires, that is, no later than **July 31, 2023.**
- 7.14 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 (\$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.
- 7.15 Failure to comply with any or all the provisions of this Permit shall render the Permit Holder liable to prosecution and to prescribed under the Environmental Protection Act cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection Regulations, 2000.

Operation Permit (Renewed) - Ref. No. 20071105- GJFHO
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Signed by  on behalf of the Environmental Protection Agency

Dr. Vincent Adams
Executive Director

Date 07/02/2020

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

NAME:	ARLENE MENTORE
DESIGNATION:	MANAGER
SIGNATURE:	
DATE:	5 th August 2020.

