



**Environmental  
Protection  
Agency**

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## **Environmental 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.:	20070611-LSWSO
Fee:	Small (C2) – US\$175 per year
Fees Paid:	US\$875 for Five (5) years (September 2024 to August 2029)
Addressee:	Mr. Muneshwar Lallbeharry Proprietor Lall and Son Workshop Lot 55 'AA' La Flora Gardens, Eccles, East Bank Demerara.
Activity:	Operation of an Engine Repair Workshop

Lall and Sons Workshop, hereinafter referred to as the “Permit Holder”, is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, at Lot 8 ‘A’ Public Road, Eccles, East Bank Demerara, hereinafter referred to as the “Project”, in a manner indicated in the Application for Renewal of Environmental Authorisation submitted on June 14, 2024, and subject to the terms and conditions set forth herein under the Environmental Protection Act, existing and/or forthcoming regulations made under the said Act, and/or any applicable laws, guidelines, best practices, and standards relevant to this project.

This is a Renewal of Operation Permit Ref.#: 20070611-LSWSO issued on August 22, 2019, and expired on July 31, 2024.

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

### **1.0 GENERAL 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 20(3) of the Environmental Protection (Authorisations) Regulations.

- 1.2 A register of the quantities of fuel and associated hazardous materials stored onsite shall be established and maintained. Registered information shall be maintained on site and made available to the EPA upon request.
- 1.3 Employees and third parties under the Project's direction shall be made aware of the conditions of the Environmental Authorisation. Annual training records shall be maintained and made available for inspection by EPA upon request.
- 1.4 Emergency spill clean-up kits shall be maintained at the Project for response to spills. Kits shall contain absorbent materials, drain seals, and other appropriate tools for clean-up, and be readily available and clearly identified at the Project.
- 1.5 Fire prevention and control equipment shall be maintained in accordance with this **Guyana Fire Service Approval**.
- 1.6 Adhere to the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana**.

## **2.0 OPERATION OF WORKSHOP**

- 2.1 Servicing and maintenance of engines shall be conducted within the confines of the workshop and on an impervious base.
- 2.2 A drip pan shall be utilized to capture waste oil spills during servicing and maintenance activities.
- 2.3 Flammable materials shall be stored away from ignition sources. **'No Smoking'** signs shall be posted where such materials are handled and stored.
- 2.4 Contaminated wastewater from cleaning of greasy hands and equipment shall be collected and/or routed through the oil-water separator before discharge into the environment.
- 2.5 Oil-contaminated waste from servicing and maintenance activities such as rags, filters, etc. shall be collected, treated, and disposed of by an EPA Authorised Hazardous Waste Disposal Facility.
- 2.6 Engine oil, grease, and lubricants used at the Project shall be stored in accordance with the Safety Data Sheets (SDS). SDS shall be readily available and easily accessible.

## **3.0 STORAGE OF LUBRICANT**

- 3.1 Antifreeze, and lubricants used at the Project shall be stored in a secondary containment (bund area). The secondary containment shall have a volume equivalent to that of the



liquid stored within the largest storage container and walls shall be constructed of impermeable materials.

- 3.2 Lubricants shall be clearly labeled with "Danger, Lubricant Storage Area- Authorized Personnel Only" where applicable as a spill control measure.
- 3.3 Flammable materials shall be stored away from ignition sources. 'No Smoking' signs shall be posted where these materials are handled and stored.
- 3.4 Lubricants shall be stored in accordance with their hazard characteristics compatibility e.g., flammable, corrosive, etc.
- 3.5 Safety Data Sheets for all lubricants shall be readily available and easily accessible at all times at the Project.
- 3.6 Where applicable, lubricants shall possess ventilation in accordance with at least one of the following:
  - i. Gravity ventilation to the outside with a capacity of one cubic foot per minute per square foot or floor space;
  - ii. Mechanical ventilation with on/ off switches at points of ingress that are capable of exhausting the outside; or
  - iii. Natural ventilation.
- 3.7 Lubricant containers shall be inspected weekly for signs of leakage, deterioration, or corrosion and damaged containers **must be replaced immediately**. Inspection reports must be maintained and signed by the appropriately qualified inspecting officer and his/her supervisor.
- 3.8 Lubricant container inspection reports shall be summarised and made available for inspection by the EPA upon request.

#### **4.0 WATER QUALITY**

- 4.1 Adhere to the provisions of **the Environmental Protection (Water Quality) Regulations, 2000.**
- 4.2 Discharge of wastewater from the Project into the environment is **strictly prohibited.**
- 4.3 An oil-water separator at the Project shall be installed and maintained.
- 4.4 Discharge from the oil-water separator into the environment should be in accordance with the Guyana National Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following allowable limits should not be exceeded:

Parameter	Maximum Concentration	Units
pH	5.0-9.0	
Temperature	<40	°C
Oil and Grease (O&G)	<10	mg/L

Water Quality monitoring shall be conducted at the discharge point **annually** in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's **Annual Report**.

- 4.5 Fuel/lubricants including waste oils/used oil shall not be drained from the equipment onto the ground or into waterways.
- 4.6 Contaminated wastewater from greasy hands and equipment cleaning shall be collected and/or routed through the oil-water separator before discharge into the environment.
- 4.7 Perimeter drains shall be maintained on-site, they shall be adequately sloped to collect storm flow.

## **5.0 NOISE MANAGEMENT**

- 5.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000**.
- 5.2 Noise emissions shall be monitored 15 meters away from the source of noise (at the Project's boundary) **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:

**Residential Limits: 75 dB (Day-time (06:00 h -18:00 h))**  
**60 dB (Night- time (18:00 h - 06:00 h))**

Noise Quality monitoring shall be conducted **Annually** in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records of each monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's **Annual Report**.

- 5.3 All machines/equipment shall be serviced in accordance with the manufacturer's specifications to ensure efficiency and reduce the level of noise produced. A summarised maintenance report shall be maintained on-site and made available to the EPA upon request.
- 5.4 All significant noise-producing equipment, such as generators, shall be 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.

## **6.0 HAZARDOUS WASTE (Waste Oil, Oily Rags, Etc.) MANAGEMENT**

6.1 Adhere to the provisions of the **Environmental Protection (Hazardous Waste Management) Regulation 2000.**

6.2 Hazardous waste containers shall be labelled with the following:

- i. The words **"Hazardous Waste"**
- ii. The type of waste
- iii. Beginning accumulation date, i.e., the date when the container was first placed in the Hazardous Waste Storage Area. Should the hazardous waste container be reused, the date hazardous waste was first placed in the container shall be recorded on the container.

6.3 Waste oil containers shall be labelled with the following:

- i. The words **"Waste Oil or "Used oil"**
- ii. Beginning accumulation date

6.4 Hazardous waste shall be stored in a covered, bunded area. This area shall include the following:

- i. Signage- **"Hazardous Waste Storage Area"**
- ii. Low traffic
- iii. No floor drains
- iv. The bunded area shall provide 110% containment of the largest volume stored therein.

## **7.0 WASTE MANAGEMENT**

7.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on site.

7.2 Covered garbage receptacles shall be placed upon impervious bases at strategic locations, both within and outside the facility.

7.3 Burning of waste is **strictly prohibited**. Solid waste shall be disposed of by an EPA Authorised Waste Disposal Company.

7.4 Promote waste minimization and the reuse and/or recycling of waste and other materials where practical.



- 7.5 Good housekeeping, sanitary, and hygienic practices shall be maintained at all times. The facility's drains and surroundings shall be kept free of vegetation and litter.
- 7.6 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning around waste handling and disposal areas (e.g., sweeping, use of absorbents).
- 7.7 Maintain the septic tank system onsite. Septic Tanks at all times shall be accessible for cleaning and de-sludging. Septic tanks should be installed with a sand and charcoal filter bed, or other appropriate design for further treatment. This must be in accordance with the Guyana National Bureau of Standards Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems.
- 7.8 Any modification to the Septic Tank (s) 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.
- 8.0 COMPLIANCE MONITORING AND REPORTING**
- 8.1 Notify the Environmental Protection Agency within **one (1) hour** of the discovery of the occurrence of environmental emergencies (e.g., oil spills, hazardous 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). Notification as prescribed by Section 19(3)(a) of the Environmental Protection Act, shall be submitted to the EPA within **twenty-four (24) hours** of discovery of the incident occurring.
- 8.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 8.3 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.
- 8.4 Notify the Agency **within twenty-one (21) days** in the event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 8.5 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).
- 8.6 Submit an **Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, of each year**.
- 8.7 Report to the Agency of non-compliance 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.
- 8.8 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.
- 8.9 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.
- 9.0 INSTITUTIONAL AUTHORITY/ LIABILITIES**
- 9.1 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.
- 9.2 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.
- 9.3 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.
- 9.4 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 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.
- 9.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 5.3 and 5.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 9.6 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, of any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and penalties prescribed under the Environmental Protection Act and Regulations.



- 9.7 The Permit Holder shall be liable for any gross negligence or wilful misconduct caused by the Permit Holder, his Servants, and/or Agents, to the environment, biodiversity, protected species, and natural habitat concerning any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 9.8 Should 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.
- 9.9 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.
- 9.10 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, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 9.11 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 offense 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.
- 9.12 The EPA has the right to modify, cancel, or suspend this Permit for breach of any of the terms and conditions contained herein.
- 9.13 **This Environmental Permit (Renewed) is not the final consent; all relevant Permits should be obtained from other regulatory bodies for continued operation.**
- 9.14 The Environmental Permit (Renewed) is effective for the period stipulated herein from **September 2024 to August 2029.**
- 9.15 This Environmental Permit (Renewed) shall remain valid until **August 31, 2029**, unless otherwise suspended, canceled, modified, or varied in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 9.16 This Permit shall be renewed by submitting a completed *Application Form for Environmental Authorisation* (Environmental Permit) to the Agency at least six months before this Permit expires, that is, no later than **February 28, 2029.**



- 9.17 Any late submission of renewal application(s) 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 (\$2,000.00) 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.
- 9.18 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.

Signed by  on behalf of the Environmental Protection Agency.  
**Kemraj Parsarm**  
**Executive Director**  
Executive Director

Date 2024.10.11

I hereby accept the above terms and conditions upon which this Environmental Permit (Renewed) 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 forthcoming regulations, guidelines, best practices and standards made under this Act.

NAME:	<u>Muneshwar Sachdev</u>
DESIGNATION:	<u>Owner</u>
SIGNATURE:	<u>M. Sachdev</u>
DATE:	<u>24.10.2024</u>



