



**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.:	20160519 - KMSML
Fees:	Small (C1) US\$500 (5 years) i.e., US\$100 per year
Fees Paid:	US\$500 (February, 2024 to January, 2029)

Addressee(s): Proprietor
Krishna Mangal and Sons Sawmill
Plot 2 'A' of Plot 1, South Section
Lookabu
East Bank Essequibo.

Activity: Operation of a Sawmill

Mr. Krishna Mangal, operating under the name Krishna Mangal and Sons Sawmill, herein referred to as the "Permit Holder", is hereby authorised in accordance with the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to operate a sawmill located at Plot 2 'A' of Plot 1 South Section Lookabu, East Bank Essequibo, Region 3, hereinafter referred to as "the Project", in the manner indicated in the Application submitted on 28 February, 2023 and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing and/or forthcoming regulations made under the said Act, and/or any other applicable laws, best practices, guidelines and standards relevant to this project.

This Environmental Permit (Renewed) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

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

1.0 OPERATION

- 1.1 Make an application to the Agency to vary this Environmental Permit (Renewed) 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. Affect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.

- 1.2 Discharge lumber safely through the use of appropriate equipment i.e. lumber extractor at the Sawmill to ensure lumber do not free fall from haulers to the ground causing vibration and excessive damage to soils and/or vegetation etc.
- 1.3 Ensure that adequate provisions are in place for ingress and egress to the site.
- 1.4 Load and offload of lumber between **06:00 h to 18:00 h** to avoid disturbance to residents.

2.0 EMPLOYEES

- 2.1 Comply with the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**
 - 2.1.1 Provide employees with the necessary protective equipment to fit their job specification.
 - 2.1.2 Provide first aid kit/s equipped according to the Guyana Red Cross standards.
 - 2.1.3 Provide communication and transportation systems to respond to emergencies.
- 2.2 Make all employees/third party contractors aware of the Conditions of the Environmental Permit (Renewed) and provide training on good environmental management practices. A training report shall be kept and submitted upon Officers' request during a Compliance Inspection.

3.0 WASTE MANAGEMENT

- 3.1 Comply with the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013.**
- 3.2 Maintain good house-keeping, sanitary and hygienic practices, and the aesthetic quality of your surroundings at all times.



- 3.3 Ensure effective management of recoverable materials and that all waste generated by the project is in accordance with s. 19(1), (2) and (3) of the Environmental Protection Act, Cap 20:05, Laws of Guyana.
- 3.4 Promote proper solid waste management and disposal practices on site. 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. Waste shall not be disposed of in or near the waterways. Reduction and reuse of waste should be promoted.
- 3.5 At all times, the environs for receptacles should be cleaned and maintained on a regular basis, to prevent the fall or flow of garbage in the surrounding environment and/or attraction of rodents and other vermin.
- 3.6 Ensure that the Essequibo River foreshore is kept free of wood ends and Sawdust/Shaving. Burning of wood ends, sawdust/shaving and domestic waste are PROHIBITED.
- 3.7 Maintain a dust containment bin to store all wood waste (sawdust and shavings).
- 3.8 Ensure wood waste such as sawdust, shaving, wood ends, etc. are recovered and appropriately disposed of at a dumpsite/landfill or reused. Reuse options include but are not limited to:
 - 3.8.1 Poultry bedding;
 - 3.8.2 Mulching; and
 - 3.8.3 Landfill where practical.

4.0 HAZARDOUS MATERIALS

- 4.1 Comply with the provisions of the **Environmental Protection (Hazardous Waste Management) Regulations, 2000.**
- 4.2 Construct and maintain a fuel containment bund with 110 percent containment capacity of the largest storage tank/container, which must have an impervious surface for the handling of all oils, lubricants and fuels.
- 4.3 There shall be no release of any pollutants (i.e., fuel, waste oil) to ground water or soil from permitted installation. Accidental release of pollutants to soil and waterways must be recorded and reported **within twenty-four (24) hours** to the Agency for further investigation.



- 4.4 Refrain from draining fuel/lubricants including waste oils of any quantity from equipment onto the ground or into waterways.

5.0 AIR QUALITY AND NOISE MANAGEMENT

- 5.1 Comply with the Environmental Protection (Air Quality) Regulations, 2000, and the Environmental Protection (Noise Management) Regulations, 2000.

- 5.2 Adhere to Guyana National Bureau of Standards (GNBS) noise Limits.

**• Agricultural / Residential: Limits 75 dB (Day-time
(06:00 h - 18:00 h))**

- 5.3 Ensure that all sound-making devices, e.g., generators, etc. are suitably enclosed in structures constructed with materials of good noise insulation properties (e.g., sound proof fiber-glass, insulation boards, anti-vibration soundproof floor mats) and are equipped with silencers or mufflers to reduce the noise level.

- 5.4 Adhere to these limits below:

Air Pollutant	Averaging Time	Maximum Permissible Level
Carbon Monoxide	1 h	35 ppm
Nitrogen Dioxide	1 h	200 µg/m ³
Sulphur Dioxide	24 h	20 µg/m ³
PM _{2.5}	24 h	25 µg/m ³

- 5.5 Maintain and service all mechanical equipment regularly in accordance with the manufacturer's recommendations to minimise sound levels and atmospheric emissions to the environment.
- 5.6 Erect signage indicating the speed limit (50km/h along the roads) and ensure that all drivers are aware of the speed limit and it is enforced.

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 (Renewed), 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 (Renewed) 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 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 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.
- 7.2 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 (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

- 7.3 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 7.1 and 7.2 of this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.4 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.
- 7.5 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.
- 7.6 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.
- 7.7 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.
- 7.9 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.10 This Environmental Permit (Renewed) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 7.11 This Environmental Permit (Renewed) is effective for the period stipulated herein; **February, 2024 to January, 2029.**
- 7.12 This Environmental Permit (Renewed) shall remain valid until **February 28, 2029**, 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 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 **July 31, 2028**.
- 7.14 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 (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.
- 7.15 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 *Sharifah Lapach* on behalf of the Environmental Protection Agency.

Kemraj Parsram
Kemraj Parsram
Executive Director

Date 2024.02.20

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, 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:	KENNY R. MANGAL
DESIGNATION:	CHIEF EXECUTIVE OFFICER
SIGNATURE:	<i>Kenny Mangal</i>
DATE:	21 st FEBRUARY, 2024.



