



**Environmental
Protection
Agency**

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Environmental Permit (Transferred & 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.:	20170828 - TLLPG
Fees:	Medium (C1) US\$2500 (5 years) i.e. US\$500 per year
Fees Paid:	US\$2500 (October, 2022 to September, 2027)

Addressee(s): Mr. Youlong Liang
HMS Sawmill
Lot 27, Industrial Site
South Ruimveldt
Georgetown.

THE ENVIRONMENTAL PROTECTION AGENCY
Database Updated
J. Williams 01/NOV/2022

Activity: Construction and Operation of a Sawmill

Mr. Youlong Liang, trading and operating under the name, HSM 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 construct and operate a sawmill at Tract 'TL' Amelia's Ward, Industrial Site, Linden, Region 10, hereinafter referred to as "the Project", in the manner indicated in the Transfer and Renewal Applications submitted on June 20, and July 18, 2022, respectively, 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 (Transferred & Renewed) is issued pursuant to the Environmental Protection (Authorisations) Regulations, 2000.

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

1.0 General

- 1.1 Make an application to the Agency to vary this Environmental Permit (Transferred & 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 **The Permit Holder shall submit to the Agency, the requisite approval from the Central Housing and Planning Authority (CH&PA) and the Linden Mayor and Town council (LM&TC) within three (3) months of issuance of this Permit.**
- 1.3 Discharge logs safely through the use of appropriate equipment i.e., log extractor at the Sawmill to ensure logs do not free fall from haulers to the ground causing vibration and excessive damage to soils and/or vegetation.
- 1.4 Loading and offloading of lumber and logs shall take place between **06:00 h to 18:00 h** to minimise 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 Maintain a well-stocked first aid kit/s equipped according to the Guyana Red Cross standards which shall include a snake bite kit.
 - 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 (Transferred & Renewed) and provide training on good

environmental management practices. A training report shall be kept and submitted upon Officers' request during a Compliance Inspection.

- 2.3 Ensure that there is adequate ventilation in the shipping containers while logs are being packed by employees. Workers handling Weevil-cide tablets should be equipped with chemical cartridge respirator which provides protection against Phosphine.
- 2.4 Ensure employees are trained in the use of heavy duty machinery and in the use of firefighting equipment approved by Guyana Fire Service.

3.0 WASTE MANAGEMENT

- 3.1 Comply with the provisions of the **Environmental Protection (Litter Enforcement) Regulations, 2013.**
- 3.1 Maintain good housekeeping, sanitary and hygienic practices, and the aesthetic quality of your surroundings at all times.
- 3.2 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.
- 3.3 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.
- 3.3.1 Open burning of solid waste is **prohibited.**
- 3.4 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.
- 3.5 Maintain a dust containment bin to store all wood waste (sawdust and shavings).
- 3.6 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:

3.6.1 Poultry bedding;

3.6.2 Mulching; and

3.6.3 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 Acquire a fuel spill pan to reduce the probability of accidental spillage of fuel during machinery fill ups.
- 4.4 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.
- 4.5 Promote the reuse of waste oil, for example lubrication of equipment, where practical.
- 4.6 Collect and store used batteries, oily rags and filters in a centralized location. Refrain from improper disposal of oily rags and filters.

5.0 AIR QUALITY AND NOISE MANAGEMENT

- 5.1 Comply with the provisions of the **Environmental Protection (Air Quality) Regulations, 2000 and the Environmental Protection (Noise Management) Regulations, 2000.**
- 5.2 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.
- **Industrial Limits: 100dB** (Day-time (06:00 h - 18:00 h))
- 5.3 Ensure all equipment and machinery are placed on foundations properly designed to ensure effective damping of vibrations.
- 5.4 Ensure that all sound-making devices are suitably enclosed in structures constructed with materials of good noise insulation properties (e.g. hollow concrete blocks, insulation boards, solid clay bricks) and are equipped with silencers or mufflers to reduce the noise level.

- 5.5 Implement all possible measures such as, ensuring equipment is serviced and operated according to manufacturer's recommendations to minimise the impact of sound levels on the environment.
- 5.6 Take all reasonable precautions to prevent wood dust from becoming airborne.
- 5.7 Reduce the speed limits during dry periods to minimise dust generation on routes traversed by vehicles.
- 5.8 Maintain vegetative buffer at the perimeter of the project site to aid with the attenuation of fugitive noise and dust and to improve the aesthetic quality of the surroundings.

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 (Transferred & 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 (Transferred & 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 (Transferred & Renewed) 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 any activity that causes or is likely to cause pollution of the environment unless all reasonable and practicable measures are taken to prevent or minimise any resulting adverse effect, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.3 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.
- 7.4 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 7.2 and 7.3 of this Environmental Permit (Transferred & Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.5 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.
- 7.6 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.
- 7.7 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.

- 7.8 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.
- 7.9 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.
- 7.10 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.
- 7.11 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.12 **This Environmental Permit (Transferred & Renewed) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 7.13 This Environmental Permit (Transferred & Renewed) is effective for the period stipulated herein; **October, 2022 to September, 2027.**
- 7.14 This Environmental Permit (Transferred & Renewed) shall remain valid until **September 30, 2027**, 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.
- 7.15 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 **April 30, 2027.**

- 7.16 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.
- 7.17 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 Parsram
Executive Director

Date 2022-10-27

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Transferred & 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:	Yulong Liang
DESIGNATION:	Owner
SIGNATURE:	Yok Long Liang
DATE:	2022.11.01

