



**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.:	20170628- MJLYS
Fee:	Medium (C1) – US\$2500 (5 years) i.e., US\$500 per year
Fees Paid	US\$2500 (June, 2025 to May, 2030)

Addressee(s): Mr. Mahendra Jettoo
Managing Director
Jettoo's Lumber Yard and Sawmill
10-13, Deroy and Lombard Streets
Werk-en-Rust
Georgetown.

Activity: To undertake Logging and Sawmilling within Large
Concession (LC): 01/2015

Mr. Mahendra Jettoo, trading and operating under the name Jettoo's Lumber Yard and Sawmill, 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 undertake Logging and Sawmilling within LC: 01/2015, situated at Right and Left Bank Puruni and Mazaruni River, hereinafter referred to as the "Project", in a manner indicated in the Application for Renewal of Environmental Authorisation submitted on April 20, 2023 and the Environmental Assessment Management Plan (EAMP) dated May 27, 2025 and subject to the terms and conditions set forth herein, and any existing and forthcoming regulations made under the said Environmental Protection 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 Servants, 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. effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Ensure that all third Parties adhere to the approved EAMP and all other requirements of this Permit.
- 1.3 Ensure that the transport of logs and lumber to and from your operation is done in a manner that would prevent adverse impacts to public safety.
- 1.4 Ensure Fire Safety Certificate is renewed yearly and all firefighting equipment are maintained and serviced regularly. The Fire Safety Certificate should be submitted to Officers upon request during Compliance Inspections and reported on, in **Annual Reports**.
- 1.5 Construct and maintain camps in the manner specified in *the GFC Code of Practice for Timber Harvesting, 2018 (revised)* and at all times, camp hygiene and security must be maintained.
- 1.6 Provide adequate fire protection measures such as fire extinguishers and sand buckets in accordance with the Guyana Fire Service's (GFS) approval.
- 1.7 Ensure that activities as they relate to logging, and post-harvest closure are done in the manner specified in *the GFC Code of Practice for Timber Harvesting, 2018 (revised)*.

2.0 EMPLOYEES/AGENTS/THIRD-PARTIES/SUBCONTRACTORS

- 2.1 Retain an Environmental Officer or utilize the Company's Health and Safety Officer/ Committee; who should be tasked with the responsibility for the implementation of Environmental Assessment

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Management Plan (EAMP) and ensuring that all employees, agents and third parties and sub-contractors, etc., are aware of the conditions of this the Environmental Permit (Renewed)

- 2.2 Training on good environmental practices **must** be provided to all employees.
- 2.3 Notify the EPA of all third parties/agents/sub-contractors contracted to undertake logging, operate the sawmill, or carry out any other aspect in relation to this project, prior to their retention.
 - a. Where no-objection is communicated to you following the notification referred to a Condition 2.3, the said third party/sub-contractor is deemed approved to carry out the respective aspect of this project in accordance with this Permit.
 - b. The terms and conditions of this Permit are binding upon the Permit Holder, and the Permit Holder is responsible for any violations made hereunder by the Permit Holder, and all employees, agents, third parties and sub-contractors.
- 2.4 Facilitate regular training sessions for employees on Reduced Impact Logging (RIL) and Best Practice Approaches for Logging and Sawmilling particularly but not limited to directional felling and chokerman training, sawmilling technique and log handling, etc.
- 2.5 Provide employees with the necessary personal protective equipment (PPE) to fit their job specification such as: chaps for chainsaw operators, hi-visibility vests, respirator, hard hats, gloves, and appropriate footwear and ensure appropriate utilisation of these gears. Maintain an employee log of distribution of PPEs
- 2.6 Provide first aid kits equipped to the Guyana Red Cross standards at work sites. First aid kits **must** include a snake bite kit. Communication and transportation systems **must** be in place to respond to emergencies.
- 2.7 All employees should be trained in the use of fire extinguishers and firefighting protocol/s, operating heavy duty equipment, sawmilling, planning, etc, and on good environmental management practices and on the terms and conditions of this Permit. Prepare and maintain a training file for employees which should be available upon Officers request during Compliance Inspection.

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3.0 ROADS AND LOG MARKETS

- 3.1 Ensure that activities as they relate to construction, operation and maintenance of roads, skid trails, borrow pits, log markets etc. are done in the manner specified in *the GFC Code of Practice for Timber Harvesting, 2018 (revised)*.
- 3.2 Ensure that all reasonable and practical measures such as the provision of turnout drains at regular intervals are implemented to prevent erosion of forest roads. Further, ensure that runoff from turnout drains along roads and log ponds do not discharge directly to natural water ways.
- 3.3 Maintain buffer strips as indicated in the *GFC Code of Practice for Timber Harvesting, 2018 (revised)* for waterways and roadways.
- 3.4 Ensure that activities of the operation do not impede Road/River traffic. Storage of logs is **prohibited** on the road reserves, rivers/water courses and their respective buffer zones and must be contained within the boundaries of the project site/concession.
- 3.5 Ensure that runoff of the washing of logs prior to sawmilling is directed to vegetated area and not allowed to pond at sawmill site.
- 3.6 Maintain all active roads/trails leading to the Sawmill and Logging concession. Fill in ruts and holes that develop during road use. Use a suitable material (such as Laterite), and fill as soon as possible to reduce the potential for erosion.
- 3.7 Ensure that trucks are equipped with the necessary reflecting signage to warn the public of impending danger of parked/moving trucks with logs and lumber on the public thoroughfare.

4.0 WASTE MANAGEMENT

- 4.1 **Comply with and adhere to the provisions of the Environmental Protection (Litter Enforcement) Regulations, 2013, where applicable.**
- 4.2 Maintain all camps in the manner specific in *the GFC Code of Practice for Timber Harvesting, 2018 (revised)*. At all times, maintain good housekeeping, sanitary, hygienic practices, and the aesthetic quality of your surroundings.

- 4.3 Ensure that domestic wastewater is not discharged directly into watercourses. Install a filter treatment system at domestic wastewater discharge points for further treatment before discharge.
- 4.4 Solid Waste Pits **must** be located at least 100 metres away from waterways, be above the water table and lined with at least 1.5 metres of clay/loam material to avoid leachate entering the ground water.
 - 4.4.1 Storm water should be diverted from the waste pits. Pits should be maintained and covered on a regular basis to minimize insect and rodent infestations, as well as mal-odour from leachate.
 - 4.4.2 When the maximum capacity is reached, solid waste pits should be capped with at least 0.3 metres of clay and a suitable site determined for another.
- 4.5 Promote proper solid waste management practices at Project site. Covered garbage receptacles must be placed at strategic locations around concession. All solid waste collected in receptacles must be appropriately stored until such time for disposal in solid waste pits. Reuse, recycle and compost waste material as far as practicable.
- 4.6 Dispose of any additional unused sawdust, wood shaving, wood ends and any other solid waste at a designated site and do not allow waste to accumulate on site.
- 4.7 In event of sawdust, wood shaving and wood ends accumulating on site, ensure the heap is kept at a height not exceeding two (2) metres at a designated site.
- 4.8 Ensure sawdust and wood shaving are recovered and appropriately disposed of at a suitable location away from residents or reused. Options for reuse are described but not limited to those identified below:
 - 4.81. Mulching
 - 4.82. Landfill where practical
- 4.9 Maintain a septic tank system at all times which should be accessible for cleaning and de-sludging. 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*.

5.0 AIR QUALITY AND NOISE MANAGEMENT

5.1 Adhere to 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 that all sound-making devices, e.g. generators, planers, etc. 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.

5.4 Ensure all equipment and machinery are placed on foundations properly designed to ensure effective damping of vibrations.

5.5 Implement all possible measures such as, ensuring equipment is serviced and operated according to manufactures' recommendations to minimise the impact of sound levels on the environment.

5.6 Ensure that mechanical equipment and vehicles are regularly maintained and work at their optimal levels to minimise atmospheric emissions.

5.7 Take all reasonable precautions to prevent wood dust from becoming airborne.

5.8 Establish and maintain vegetative buffers 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 HAZARDOUS MATERIALS/WASTES MANAGEMENT

6.1 Adhere to the provisions of the Environmental Protection (Hazardous Wastes Management Regulations 2000), as follows:

6.1.1 There shall be no release of any pollutants (i.e. fuel, waste oil, wood preservatives) to ground water or soil from

permitted installation. Accidental release of pollutants to soil and ground water should be recorded and be reported within twenty-four (24) hrs to the Agency for further investigation.

- 6.1.2 Store all fuel away from ignition sources and have **'No Smoking'** signs posted where fuel is handled or stored.
- 6.1.3 Refrain from draining fuel/lubricants including waste oils of any quantity from equipment onto the ground or into waterways.
- 6.1.4 The following items should be appropriately labeled and stored in a bunded area constructed of impervious materials: waste oils, used batteries, oily rags, and oil containers. Waste oils and used batteries where practicable should be reused or sold to an authorized dealer.
- 6.1.5 Construct a fuel containment bund with 110 percent containment capacity of the largest storage tank/container. Surface and walls of bounded area should be made of impervious material/s.
- 6.1.6 Store all used/waste oil used as preservatives at least 100 m away from water course.
- 6.1.7 Precautionary measures such as the use of leak proof and tightly closed containers should be practiced during the transport of fuels to the Sawmill. Appropriate measures should also be taken during the handling and use of all Hazardous Waste at the Sawmill.
- 6.1.8 Store used oil in tightly covered drums or barrels to avoid spillage. It is an offence to drain fuel/lubricants including used oils of any quantity from equipment onto the ground, in drains or water ways.
- 6.1.9 Promote the reuse of waste oil, for example lubrication of equipment, where practicable.
- 6.1.10 Where applicable, prepare and submit to the Agency no later than **forty-five (45) days** after the end of the operating year, a report relating to the activities for the previous year. The report shall include:
 - a) The identification information of the facility.
 - b) Type and quantities of hazardous waste generated.

- c) Data concerning off-site shipments of waste.
- d) Any applied treatment standards.
- e) A summary of any accidents that may have occurred and any action taken.
- f) Any waste minimisation efforts undertaken by the generator.
- g) Any other matter the Agency may require.

The Agency considers all materials listed in **Schedules I and II of the Environmental Protection (Hazardous Waste Management) Regulations, 2000**, to be hazardous. Please see attached list of Hazardous Wastes to be controlled.

7.0 COMPLIANCE MONITORING AND REPORTING

7.1 Continue to implement a monitoring protocol for the logging and sawmilling operation. This Protocol should include requirements of the Monitoring and Evaluation for:

- Key indicator species of mammals and birds on an annual basis on the concession.
- Water quality. This should include Total Suspended Solids (TSS), Turbidity, Total Dissolve Solids (TDS), Oil & Grease, Coliforms, Biological Oxygen Demand (BOD) on a quarterly basis at all water courses that are influenced by the operation.
- Air quality specifically Total Suspended Particulates (TSP) on a bi-annual basis at the permanent sawmill/processing facility, internal road network, etc.
- Noise management on an annual basis at the permanent campsite; sawmill/processing facility and logging area.

7.2 Collaborate with the Guyana Geology and Mines Commission (GG&MC) with regards to the identification and mapping of mining properties and small claims within or bordering the concession and monitoring of same. Additionally, submit maps and monitoring reports to the Agency.

7.3 Include in the monitoring report but not limited to: mining activities inclusive of forest clearing and construction of roads that are not accounted for, water ways and buffer zones that have been disrupted, and the establishment of shops, etc., within the concession.

- 7.4 Comply with any 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.
- 7.5 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.
- 7.6 Inform the Agency prior to or within **30 days** of any change of name or ownership of the operation.
- 7.7 Notify the Agency within **21 days** in event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 7.8 Notify the EPA **within 24 hours** 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.
- 7.9 Report to the Agency of non-compliance with the **Environmental Permit (Renewed)**:
 - 7.9.1 Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit (Renewed) becomes aware of the non-compliance, the anticipated manner in which it may endanger human health or the environment.
 - 7.9.2 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.
 - 7.9.3 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.

8.0 INSTITUTIONAL AUTHORITY AND LIABILITIES

- 8.1 The EPA reserves the right to conduct regular inspections of the Permit Holders' operation as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

- 8.2 The EPA reserves the right to review and/or amend the permit 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.
- 8.3 The EPA shall have the right to cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 8.4 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. 37 of 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 be liable to penalties prescribed under paragraph (c) of the Fifth Schedule for doing so.
- 8.5 This Environmental Permit (Renewed) is not the final consent; all relevant permission should be obtained from other regulatory bodies for continued operation.
- 8.6 The Permit Holder shall be strictly liable for any loss or damage to the environment due to the adverse effect of any discharge or release, or cause or permit the entry of pollution, contaminant in any amount, concentration or level in excess of that prescribed by the regulations or stipulated by any Environmental Authorisation which are attributed to the Project. S. 19(1) and (2) of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 8.7 The Permit Holder shall compensate any Party who suffers any loss or damage as a result of the attributed Project. (See: s. 19(3) (e) of the Environmental Protection Act Cap. 20:05, Laws of Guyana.
- 8.8 Where the Permit Holder contravenes 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.
- 8.9 Where the Permit Holder's activities appear to pose a serious threat to natural resources or the environment; or pose a risk of serious pollution of the environment or any damage to public health, the Agency (EPA) may serve on him a Prohibition Notice, in accordance with s. 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

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- 8.10 The Agency (EPA) shall notify the Permit Holder immediately of any written claim or notice sent by any Complainant seeking loss or damage for negligence as a result of the Permit Holder lack of due care and diligence.
- 8.11 This **Environmental Permit (Renewed)** is effective for the period stipulated herein, **June, 2025 to May, 2030**.
- 8.12 This **Environmental Permit (Renewed)** shall remain valid until **April 30, 2025**, 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.
- 8.13 This **Environmental Permit (Renewed)** 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 **November 30th, 2029**.
- 8.14 Any late submission of renewal Application(s) after the specified date as stated above, shall require the Permit Holder to pay, in addition to 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.
- 8.15 Failure to comply with the requirements of this Permit shall render the Permit Holder liable to prosecution and to civil penalties and/or injunctive reliefs prescribed under the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act 2005, and the Environmental Protection Regulations, including under any existing and forthcoming regulations made under the said Act or any other applicable Laws of Guyana.

Signed by *Shanifah Razak* on behalf of the Environmental Protection Agency.


Kemraj Parsarath
Executive Director

Date: 2025.06.06

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

NAME:	Mahendra Jettoo
DESIGNATION:	Owner
SIGNATURE:	
DATE:	2025/07/01

