

**Project Summary for Wauna Loggers Association**



**Name of Developer: Faye Saywack**

**Company Name: Wauna Loggers Association NWD 01/18**

**Developer's Address: Wauna Community, Barima Waini, Region No. 1.**

**Contact details: 678 7403, 601 5754**

**Project Type: Logging, two (2) portable and Chainsaw milling**

**Project Location: CFMA NWD 01/18, Right Bank Amakura River, Left Bank  
Sawarikuru River, Right Bank Murikomo Creek.**

**Sector of Operation: Forestry**

**Annual Turn over: \$500,000**

**Working Hours: : 800 hrs. to 4:00 hrs. from Monday to Saturday**

**Submitted by: Wauna Loggers Association**

**Date : 2025/08/20**

The surrounding ecosystem consists of mixed tropical rainforest, supporting diverse flora and fauna.

- Topography: Gently undulating with intermittent slopes
- Hydrology: A nearby creek provides domestic water supply and serves as a natural drainage system
- Vegetation: Predominantly commercial hardwood species interspersed with younger secondary growth
- Community context: Amerindian settlements rely on forestry-related employment and riverine transport, creating opportunities for socio-economic integration

### 3. Project Operations

#### Operational Overview

The project commenced in October 2018 and is centered on selective logging of high-value commercial timber species. All activities are undertaken in strict compliance with the Guyana Forestry Commission's Guidelines for Forest Operations (2018).

- Annual harvesting quota: 2,128.14 m<sup>3</sup> over a 24-month operational cycle
- Target species include:
  - Purpleheart (*Peltogyne venosa*)
  - Greenheart (*Chlorocardium rodiei*)
  - Kabukalli (*Goupia glabra*)
  - Shibidan (*Aspidosperma spp.*)
  - Kerati (*Mora excelsa*)
  - Other durable hardwoods with market value

#### **4. Health and Safety Measures**

To minimize occupational hazards, Personal Protective Equipment (PPE) is mandatory for all workers. Equipment includes:

- Safety helmets, gloves, high-visibility vests, long boots, and dust masks
- On-site emergency response resources:
  - First aid kit
  - Snake bite kit
  - Fire extinguishers strategically located near equipment and fuel storage areas

Regular safety inspections and weekly toolbox meetings are held to ensure continuous improvement in safety culture.

#### **5. Environmental Impacts and Mitigation Measures**

##### **5.1 Potential Environmental Impacts**

1. Noise emissions from chainsaws, tractors, and portable milling operations
2. Dust and airborne particulates from sawing, felling, and vehicular movement
3. Hazardous materials risk, including diesel and gasoline spills, and improper waste oil handling
4. Fire hazards from flammable fuel stored on-site
5. Water quality impacts due to sedimentation and contamination risk near creeks
6. Habitat loss or fragmentation due to selective removal of mature trees
7. Soil erosion from ground disturbance during log extraction

- Controlled refueling practices away from creeks to reduce spill risk

### **Habitat Conservation**

- Reduced Impact Logging (RIL) techniques employed to minimize collateral tree damage
- Non-commercial and juvenile trees retained to sustain ecological diversity
- Avoidance of high-biodiversity zones, nesting sites, and riparian buffers

### **Erosion Control**

- Logging trails constructed with vegetative buffers to stabilize soil
- Harvesting prohibited in steep or erosion-prone areas
- Application of post-harvest stabilization measures such as brush matting

### **Carbon Mitigation**

- Strict adherence to GFC timber harvesting quotas
- Preservation of young and mid-aged trees to maintain long-term carbon absorption
- Maintenance of natural regeneration to ensure continuous carbon stock recovery

### **Waste Management**

- Domestic waste collected and disposed of in a dedicated pit located at least 300 m from water sources
- Organic wood residues (sawdust, bark, offcuts) left to decompose naturally, enriching the forest floor

### **Cumulative Impact Mitigation**

- Full compliance with GFC's Code of Practice for Sustainable Forestry

