

2025

## Project Summary



Prepared by: *Ayaknand Changa*  
Owner  
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Environmental Protection Agency  
**RECEIVED**  
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FORESTRY DEPARTMENT

*Name of Developer: Ayaknand Changa*

*Developer address: Lot 3 Unity East bank Essequibo.*

*Contact Details: 592: 6705836*

*Business Name: A&N Lumber dealer*

*Project Location: Lot 1, of 'X' of 3 'A', North Vreed-En-Hoop, West Coast Demerara*

*Sector of Operation: Forestry*

*Project Type: Lumberyard (Without Processing)*

*Project Duration: Life Time*

*Capital Investment: Three million Gyd*

*Annual turnover: one (1) million Gyd*

*A&N Lumber dealer*

### **Project location and Description**

This existing Lumberyard (Without Processing) is located at *Lot 1, of 'X' of 3 'A', North Vreed-En-Hoop, West Coast Demerara*. The zoning of this area is classified as Residential zone which is surrounded by resident's and other business similar in nature.



*The area above is the location of the A&N Lumber dealer*

***A&N Lumber dealer***

## **Operational Phase**

On site there is existing infrastructures, these are as follows:

- 60 lumber racks and 120 shelves
- Septic tank system and flush toilet;
- Access bond.
- House

The lumberyard stocks approximately 20,000 bm per month of rough and dress lumber. Restocking is undertaken based on the assessment of the volume of lumber on site. Approximately, 40,000 bm of lumber is sold monthly. Lumbers are purchased from various sawmills across Georgetown which is then transported to the lumberyard where lumbers are stocked and sell.

Three (3) persons are employed to work at the facility and with working hours being from 8:00 hours to 17:00 Hours. Monday to Saturday. All loading and offloading of lumber (rough and dress) is conducted during working hours. Personal Protective Equipment are provided to the workers such as gloves, long boots, visibility vests and masks. A well stock first aid kit will always be kept on site to treat minor injuries and a vehicle will be on standby to transport any injured person to the nearest hospital.

A total of four (4) Fire extinguisher and six (6) sand bucket is placed at strategic locations and a " No Smoking" sign. Electricity is provided by Guyana Power and Light Company Inc. (GPL) and a backup generator. Water for drinking purposes are purchased and, rainwater is also harvested for domestic purposes.

The operation is strictly buying and selling of Lumberyard based on order. There is one small hand electrical saw to resize lumber for a specific size.

Most of the lumber at the establishment is sold to government contractors and a small amount to residents. I will ensure that all safety measures are in place when the lumber is transported to the site. The lumber will be offloaded by the workers during working hours.

Based on the demand for a specific type of dressed/ rough lumber. The pre-ordered lumber will be placed on dunnage/sticker while the remainder of lumber will be stored on lumber racks/ shelves. It is anticipated that some of the lumber will have to be resized to remove split ends and to appropriate length. A hand-held electric saw will be used to resize the lumber when needed. Delivery of lumber to the customers will be done by a hired canter or horse carts.

### **Waste Generation & Management**

The project will utilize and generate non-hazardous waste material during the operation. If these materials wastes are not managed properly, it can pose a risk to the environment. The methods in which these wastes would be managed are highlighted below.

#### **Non-Hazardous Waste**

Domestic waste such as food boxes, bottles, etc., is collected via a garbage receptacle placed at strategic point on site and is emptied once weekly by Puran Brothers Disposal Service.

Solid waste such as Wood waste inclusive of chips and sawdust from the resizing of lumber and the volume will be small since the operation is only buying and selling of rough and dress lumber. The wood waste is given to interested person in the area.

Liquid Waste is the greywater and sewage generated from the workers and customers and is discharged into a septic tank.

## **Potential Environmental Impacts and Mitigation Measures**

**Dust Nuisance:** Can occur during the offloading and loading of lumber.

**Mitigation measures:** loading and offloading of lumber will occur during working hours and there will be no processing of lumber on site.

**Vibrations:** Given the project will have lumbers sourced from sawmills, then vibration may occur as an only result of offloading of lumber from the transported trucks.

**Mitigation measures:** laying rubber tires to prevent vibration will be put in place.

**Noise pollution:** Vehicle movement can create noise and can be intensified based on the number and frequency also small amount of noise will emit from the offloading and loading of lumbers.

**Mitigation measures:** Loading and offloading of lumber will occur during working hours to avoid disturbing nearby residents and lumber will load and offload carefully manually by workers.

**Fire:** Can occur by negligence of workers who may smoke where lumber is stacked or lighting and leaving fires (garbage etc. unattended).

**Mitigation measures:** No smoking signs will be at strategic zones throughout the operation and there will be no burning of garbage on site.

*This document was prepared by Ayaknand Changa*