

2025

Top of the Line Lumber & Hardware Project Summary

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Project location and Description

This existing Lumberyard (Without Processing) is located at Block 4, Plantation Enmore, East Coast Demerara. The zoning of this area is classified as Commercial zone which is surrounded by resident's and other business similar in nature.



Operational Phase

The project activity is-a Lumber Yard (only buying and selling of lumber no processing is done on site).

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

- Lumber rack of dimensions 13.7 m x 4.8 m x 4.5 m,
- Shed of dimension; 5.4 m x 6.1 m x 4.5 m,
- Office area of approximately 6.1 m x 4.5 m.
- Washroom facilities have already been constructed; this consists of a flush toilet and a septic tank system.

The lumber yard operation will basically be a storage site which will house lumber both dress and rough for sale and will provides employment for four (04) persons for the daily operation of the lumber yard.

The working hours of the lumber yard will be from 7:30 to 16:30 hrs from Monday to Saturday.

Employees are given Personal Protective Equipment (PPE) such as gloves, visibility vest, helmets,

goggles and steel tip boot. One first aid is kept onsite in case of minor cases of emergency/injury.

The lumber yard is equipped with four (04) fire extinguishers, two (02) sand buckets and no smoking signs.

The main source of energy for lighting of the lumber yard is provided by Guyana Power and Light (GPL).

Drinking water for employees is purchase on a daily basis for employees.

The lumberyard is equipped with two racks which can store at any given time approximately 25,000 BM of dress and rough lumber. Lumber (dress and rough) is sourced from my Sawmill located at Eccles Industrial site and transported to the lumberyard via trucks/ canters and off load manually.

Some of the main species of lumber for the day-to-day operation of the lumberyard includes Tatabu, Torinario, Farmboard or Baroamalli, Antwood, Karatie, Silverballi, Mora, Purpleheart, Greenheart, etc.

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.

No fuel is stored onsite at any given time.

One flush toilet system is onsite which is attached to a septic tank system which is accessible by employees and customers.

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 the NDC.

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 will be collected by interested person along the East Coast area.

Liquid Waste is the greywater and sewage generated from the workers and customers which is emptied 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.

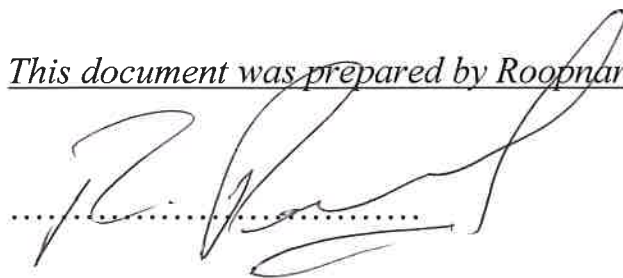
Noise pollution: Vehicle movement can create noise and can be intensified based on the number and frequency also small amount of noise will emit from the offloading and loading of lumbers.

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 Roopnarine Persaud



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