

N. NARINE & SONS LUMBER YARD

PROJECT SUMMARY

Name of Developer: Nandkumar Narine

Developer's Address: Lot 77, Good Hope, Mahaica, East Coast Demerara, Guyana.

Contact Details: 228-5812

Business Name: N. Narine and Sons Lumber Yard

Project Location: Same as above

Sector of Operation: Forestry

Project Type: Lumberyard (Without Processing)

Capital Investment: Approx. Guy Dollars 2 million

Annual Turnover: Approx. 1 million Guyana Dollars

Project Duration: Life time.



Project location and Description

The Lumberyard (Without Processing) will be located at my residence which is at Lot 77, Good Hope, Mahaica, East Coast Demerara, Guyana. The size of my land is 0.506 acres which I will only be utilizing a small portion of it to construct a shed with the dimension of 70 × 30 to store all my lumber yard for the operation.

Two persons will be employed to work at my facility and with working hours being from 7:30 hrs. to 17:00hrs. Monday to Saturday. All loading and offloading of lumber will be conducted during working hours. Personal Protective Equipment will be provided to the workers such as gloves, long boots, visibility vests and masks. A 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. Fire extinguisher and sand bucket will be place at strategic locations and a " No Smoking" sign. Electricity will be provided by Guyana Power and Light Company Inc. (GPL). Water for drinking purposes will be purchased and, rainwater will be harvested for domestic purposes.

Operation

My operation is only buying and selling of Lumber based on order. There is no equipment on site to conduct processing. Based on market demand lumber will be supplied to various sites. The lumber will be transported by road via canter or horse carts depending on the supplier.

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

Based on the demand for a specific type of dressed/ rough lumber. The pre-ordered lumber is placed on dunnage/sticker while the remainder of lumber is 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. The capacity of the lumber racks/ shelves will be 5,000 of lumber. Delivery of lumber to the customers will be done by a hired canter or horse carts.

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 lumber sourced from a sawmill, 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.

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 generated from employees and customers. The waste will be collected via a garbage receptacle placed at strategic point on site and will be emptied once weekly by the NDC or private disposal services.

Solid waste such as Wood waste inclusive of chips and sawdust from the resizing of lumber and the volume is small since the operation is only buying and selling of rough and dress lumber. The wood waste will be collected by the community members.

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

Signature

Nandkumar Narine