

2024

PROJECT SUMMARY



NAZIM HUSSAIN

N. HUSSAIN & SONS ENTERPRISE

LUMBER YARD

7/27/2024

NAME OF DEVELOPER: NAZIM HUSSAIN

DEVELOPER'S ADDRESS: LOT 1-2 ENDEAVOUR CANAL #2 POLDER, WEST BANK DEMERARA

CONTACT DETAILS: +592 6235678

BUSINESS NAME: N. HUSSAIN & SONS ENTERPRISE

PROJECT LOCATION: SAME AS ABOVE

SECTOR OF OPERATION: FORESTRY

PROJECT TYPE: LUMBERYARD (WITHOUT PROCESSING)

PROJECT DURATION: LIFE TIME

CAPITAL INVESTMENT: (6) SIX MILLION DOLLARS

ANNUAL TURNOVER: (3) THREE MILLION

Project location and Description

My Lumberyard (Without Processing) will be located at my residents at Lot 1-2 Endeavour Canal #2 polder, West Bank Demerara. The aforementioned address has a land size of 200×308. There is already an existing shed at my residents (size 90×47) where I will construct my racks and shelves, the size of my rack will be 3ft×4ft with 18 shelves.

Two persons will be employed to work at the facility and with working hours being from 8:00 hrs. to 17:00rs. Monday to Saturday. All loading and offloading of lumber (rough and dress) 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 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 two (2) Fire extinguisher and two (2) 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.

Pre-construction phase

The proposed area already has an existing lumber shed with concrete foundation. Construction materials such as lumber of various dimensions, etc. will be mobilized to the site to be used in the construction phase.

Construction phase

The site already has infrastructures such as the lumber shed (size 90×47.), washroom with toilet attach to a septic tank system (dimension unknown) also equipment with the necessary electrical support has already installed. Construction of the racks and shelves is expected to complete about one month or may be prolonged due to bad weather.

Domestic waste such as, pieces of wood, food boxes, beverage bottles and tins, etc. will be expected to be generated during the construction phase and the waste will be collected in a garbage receptacle (plastic drum) and emptied by Puran disposal services once a week.

Operational Phase

The operation is strictly buying and selling of Lumberyard based on order. There is no equipment on site to conduct processing. Based on market demand, rough and dressed lumber will be supplied from my sawmill which is located on the Linden Soesdyke Highway. The lumber will be transported by road via canter or trucks.

Most of the lumber at the establishment will be sold to government contractors and a small amount to residents. I will 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 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. A hand-held electric saw will be used to resize the lumber when needed. The capacity of the lumber racks/ shelves will be 10,000 to 15,000 BM of both rough and dressed 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 lumbars.

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, cement bags (from the construction phase) etc., 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 interested person in the Mahaica area.

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

Prepared by:

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