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Environmental Protection Agency
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FORESTRY DEPARTMENT

PROJECT SUMMARY

DENESH GARABAN
Denesh Garaban Investment
Lot 40 Walton Hall, Essequibo Coast Region 2.

Executive Summary

This project summary outlines the establishment of a sustainable and profitable wood business (Lumberyard) aimed at providing high-quality wood products for residential, commercial, and industrial uses. The venture will focus on sourcing, dressed and rough lumber that meet the growing demand for eco-friendly, durable, and cost-effective solutions.

With an increasing emphasis on sustainability and responsible sourcing, the business will prioritize the use of legally harvested, renewable resources and employ environmentally-friendly processes to reduce waste and carbon footprint. Our goal is to become a leading supplier on the Essequibo Coast while promoting environmentally responsible practices and contributing to the local economy.

The business will focus on products, including rough and dressed lumber of various species catering to the diverse customer needs.

This project summary details the construction phase, operations plan, financial projections, waste management, potential environmental impacts along with mitigation measures and strategic objectives necessary to launch and grow the business. By capitalizing on the strong demand for quality wood products and a commitment to sustainability, this wood business is poised for long-term success and profitability.

Name of Developer: Denesh Garaban

Developer address: Lot 41 Walton Hall, Essequibo Coast

Contact Details: 6495514

Business Name: Denesh Garaban Investment

Project Location: Lot 40 Walton Hall, Essequibo Coast Region 2.

Sector of Operation: Forestry

Project Type: Lumberyard (Without Processing)

Project Duration: Life Time

Capital Investment: Five (5) million Gyd

Annual turnover: Three (3) million Gyd

Project location and Description

This Lumberyard (Without Processing) will be located at Lot 40 Walton Hall, Essequibo Coast Region 2. The aforementioned address has a land size of 42ft x 120. The present land use is currently empty, with a designated area for my lumber yard which is surrounded by rice field and chicken farm.



In the image above highlighted in red is the location for the potential lumberyard which is surrounded rice farms and chicken farms.

Construction phase

The proposed has already been cleared of vegetation, however I will be constructing a lumber shed 30ft x 70 ft with six (6) racks and shelves which can store about five to ten thousand Bm (5,000 – 10,000bm) rough and dress lumber, the lumber shed will be constructed on concrete foundation, I will also construct a toilet attach to a septic tank. This work will commence after acquiring the necessary approvals also equipment with the necessary electrical support will need to be install.

Domestic waste such as, pieces of wood, food boxes, beverage bottles and tins, cement bags 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

Two persons will be 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) 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.

The operation is strictly buying and selling of rough and dressed lumber based on order. There is no equipment on site to conduct processing. Based on market demand, rough and dressed lumber will be supplied from sawmills located along the Essequibo coast. 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 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. The capacity of the lumber racks/ shelves will be 5,000 to 10,000 BM of both rough and dressed lumber. 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, 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 while no processing will occur at the operation, there may still be some leftover wood debris, damaged logs, or wood products that need to be disposed of or recycled. Improper disposal could result in waste piles that could attract pests or lead to environmental contamination. The wood waste will be collected by interested person along the Essequibo Coast.

Liquid Waste is the greywater and sewage generated from the workers and customers and will be 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 also water sprays or dust suppressants will be use to reduce dust emissions from the operation.

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: While a lumberyard without processing might not generate the same level of noise as one with sawmills, 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 summary was Prepared by:


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