

Overview/Project Summary

Project Name: ART Sawmilling Enterprise

Address: Tract 'AY' Mudlot 37, Stanleytown, New Amsterdam, Berbice.

Developer's Name: Azim Yunus & Robina Basdeo-Yunus

Sector of Operation: Sawmill & Lumber Yard

Business Address: Same as Above

Date of Commencement of Project: 2024

Reporting Period: Year 2024

Working Hours: Monday – Friday (7:30 AM – 4 PM)

No. of employees: 24

Project Description

ART Sawmilling Enterprise intends to construct and operate a sawmill and lumber yard at Tract 'AY' Mudlot 37 in Stanleytown, New Amsterdam, Berbice. The 1.7-acre land is currently covered in trees and plants. The property is positioned between an abandoned nail plant and a single residential dwelling. Beyond the two sides are empty lots before any further residential homes are located. A few residential homes do exist across from the land. They will be not impacted by the sawmill. The only receiving water for the area is the Berbice River, which runs down the rear of the property, and gutters and pipes from the various buildings on the property will lead into the river to discharge only water.

Project Design

Excavators and skidders will be clearing the entire land of trees and plants. The Berbice River washes onto the rear side of the land. The land is very low and requires suitable filling before development can commence. As a result, dirt will be obtained from Big G Lumber Yard to fill the area and prepare it for construction using the aforementioned excavator and skidder. The land will then be left for a few days to dry and consolidate. Materials for the various constructions will be obtained from a variety of stores located throughout New Amsterdam. There will be a 300-foot shed for mills, planes, edgers, and other machinery. The same shed will also include racks to display various sizes of lumber. Piles will be dug into the ground to form a stable foundation at each location where the shed's posts will be placed. After the shed is finished, the area under it will be filled with soil, and a roller will work its way through it for a whole day to compact it. Concrete sections will then be built to accommodate the mills, plane, and edger in preparation for production. Under the same shed, there will be an enclosed area for two generators that will power the mills, planes, and other machinery, in addition to electricity from Guyana Power & Light. It will also include a 6-step up eating area for all staff, as well as an enclosed chamber for all oils and fuels. There will be a separate workshop, office, toilet, and sawdust box. The workshop will be built and used to repair and build various parts of any machinery that may be defective. The office will be utilized to process all payments and administrative tasks related to the company. The sawdust box will be used to collect and store any sawdust generated by the planer when dressing lumber. Furthermore, a small dock will be built at the back of the property where the Berbice River flows to anchor our tug, punts, and offloaded logs. The water utilized by the business will come from the GWI pipes. GT&T and E-net will provide communication services such as internet and phone. GPL will provide electricity, as will two company-owned generators.

Production process

The company will start out with 24 employees, including machine operators, laborers, sales staff, and managers. Our office hours will be Monday through Friday, 7:30 AM - 4:00 PM, with a lunch break from 11:30 AM to 12 PM. The business will operate the sawmill under two concessions from the Guyana Forestry Commission. Logs will be harvested from the concession, and our Tugs and Iron Punts will bring them to the sawmill via the Berbice River. The logs will subsequently be excavated to the mudflat and junked into various sizes. The excavator will then transport the junked logs to the mills, where they will be cut and processed into different sizes of lumber. Laborers will next collect all slaps and store them in a heap, while the processed lumber will be carried to the edger to remove any bad ends. The lumber will then be transported to the planer and dressed. Sawdust from the plane will enter the sawdust box via pipes attached to the planer. Dressed lumber will be placed on various racks in order of size and species for display to buyers. When consumers visit the sawmill to purchase lumber, a saleswoman will guide and assist them. Laborers will assist customers in identifying lumber that meets their needs and loading it into the different modes of conveyance provided by the customer. The saleswoman will then complete a loading slip and hand it to the customer, who will then proceed to the office, where there will be a cashier. The customer must submit the loading slip to the cashier, who will then issue the customer a receipt based on the slip and collect all payments.

Waste management.

Sawdust will be stored in a wooden enclosed box and used by poultry farms, domestic animal farms, and the general public for landfilling and planting. The general population will use slabs and discarded wood to construct fences, bridges, cook meals, and structure gutters for drainage and irrigation. Waste oils removed while repairing excavator, mills, planers and generators will be stored in containers enclosed by a concrete box to prevent spills on the land, and then used to lubricate the required machines. Fuel will be purchased and used based on demand.

Project Size, production rate and duration

Republic Bank will give a financing facility (Loan) worth sixty million Guyana dollars for the investment, and 24 employees will commence construction on each phase at a weekly output rate of five percent. The project is expected to be completed within five months. Phases are as follows: Two months to clear and fill the ground, lay a foundation, and build a 300-foot shed with lumber racks. It will take two months to construct the office, lunch area, sawdust box, workshop, and restroom facilities. Two weeks are required to wire the office, sawmill area for the machine, and other structures. Two weeks to relocate all equipment to its various locations and prepare it for production.

Environmental Impact

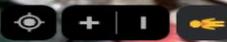
All machinery in the operation produces some noise; nonetheless, this sawmill is not located near any neighborhood dwellings because all noisy machines such as the three mills, one edger and two planers are closer to the river end of the property. However, to reduce noise production, all machinery will not operate at the same time. They will be worked in shifts, which means we will cut logs into lumber utilizing mills and edgers to edge processed lumber while resting the other machines. We will then use the planer at a different time to dress lumber. Since not all of the machines will be operating at the same time, the overall noise level will be reduced. Generators are only needed during severe workloads to ensure a consistent current to the machines, resulting in lower noise and air emissions on a daily basis.

Compliance Monitoring and Reporting

All licences will be valid and visible throughout the business activity. Copies of all legitimate licences and documentation will be sent to the EPA for verification. This will be maintained for as long as the business continues to exist.



Sign in



Main Street

Main Street

Main Street

Genuine fruits
swim.com/.../.../...

Residential Area

Google

Lands covered with trees and shrubs

Abandoned Mail Office

ART Sawmilling
Enterprise - Property

Resident

Resident

Cleared land - Empty

Lands covered with trees and shrubs

Berbice river