

M & G LOGGING, LUMBER

YARD & SAWMILL.

LOCATION: SOUTH AMELIA'S

WARD, INDUSTRIAL SITE,

LINDEN, REGION 10.



PROJECT SUMMARY

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This project summary is for M & G Logging, Lumber yard & Sawmill of Lot 145 Kuru Kururu, Soesdyke/Linden highway, are private individuals who has wealth of knowledge in the Forestry sector mainly the management of Sawmill for approximately twenty 20years.

The project is located at South Amelia's Ward, Industrial Site, Linden, Region 10 which is to operate a Sawmill on a plot of land totaling 200x200.

The Sawmill will be a new operational aspect within the already establish sawmill industry in the area. However, M & G Logging, Lumber yard & Sawmill would have commenced the process of acquiring relevant approvals for the operation of the Sawmill for the year 2023. This will provide employment for five (05) skilled and unskilled workers for the daily operation. Employees are provided with Personal Protective Equipment (PPE) inclusive of helmets, gloves, ear muffs, masks, visibility vests etc. based on job specification.

The Sawmill will produce approximately 25,000 BM of various dimensions of dress and rough lumber on a monthly basis to supply our lumber yard and also the general public.

Logs species such as Kabukalli, Greenheart, Wallaba, Shibadan etc. will be sourced from State Forest Authorisation (SFA) located along Ituni and Mabura road and transported to the Sawmill via rented log and our trucks and then offloaded via a log loader and process at the Sawmill.

The equipment for the Sawmill operation is inclusive of the following:

- Two Log Loader
- Two Timber Harvester Mills
- One Chainsaw
- Two Rip Saws
- One Four Head Plane

All the above mention equipment with the exception of the chainsaw is to be placed on concrete foundation and sand.

The working hours of the Sawmill is from 8:00 to 17:00 from Monday to Saturday. The Sawmill will be equipped with four (4) dry chemical fire extinguishers and four (4) sand buckets to aid in event of a fire.

One first aid kits is kept onsite in case of minor cases of emergency/injury. The main source of energy to power the Sawmill operation is provided by Linden Power Company. Water will be purchased for drinking and rain water will be harvest for other domestic uses. The soil type of the area is mainly white sand and the area does not flood.

Fuel storage

No fuel is stored onsite. Fuel inclusive of approximately three 45 gallons drums of diesel and one five gallons plastic pale of gasoline will be purchase weekly and transported to the sawmill.

Waste generation

During the daily operation of the Sawmill several types of waste will be generated from a number of sources. Each waste stream may or may not require different disposal methods. The main categories of waste generated are as followed:

- Solid Waste
- Liquid Waste
- Hazardous Waste

Solid waste generated form the Sawmill operation are discussed below, these are:

Domestic Waste

Domestic waste inclusive but not limit to (food boxes, plastic bottles tins, cans etc.) and kitchen waste (skins, food etc.). Two collection bins will be placed at strategic location throughout the Sawmill to be used by workers and when filled domestic waste is collected by a private waste disposal service once per week.

Wood Waste

Such as sawdust, shavings, wood ends, wood chips, wood skins etc. is generated at the Sawmill. Sawdust and shavings are given to interested chicken farmers along the Linden Soesdyke Highway and the remainder will be used as land filled materials. The other mention wood waste will be given to interested persons who are in the charcoal business.

Liquid Waste

Sewage is disposed of in pit latrine constructed in accordance with GNBS Code of Practice for the Design and Construction of pit latrine and Associated Secondary Treatment and Disposal System.

Hazardous Waste

Inclusive of waste oil, used filters, old batteries, oily rags etc. Waste oil generated from the servicing of the machines once per month will be approximately five (5) gallons and will be collected and stored in a five-gallon plastic pale and reuse on the chainsaw and also used as lubricant on equipment and machinery at the Sawmill. Used filters, old batteries and oily rags will be stored and disposed of in a manner approved by the Environmental Protection Agency.

