

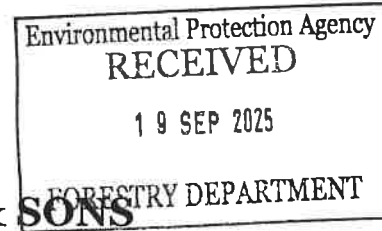
# **Project Summary**

**Name of Developer: NEVILLE LEVANS WILLIAMS**

**Developer's Address: LOWER BONASIKA, RIVER VIEW**

**MISSION ESSEQUIBO RIVER**

**Contact Details: +592-670 3506**



**Business Name: NEVILLE WILLIAMS & SONS**

**SAWMILL**

**Project Location: BLOCK 1 PARCEL 336 PLANTATION**

**ZEELUGT, EAST BANK ESSEQUIBO**

**Sector of Operation: Forestry**

**Project Type: Lumberyard (Without Processing)**

**Capital Investment: Approx. Guy Dollars 10 million**

**Annual Turnover: Approx. 6.56 Million Guyana Dollars**

**Project Duration: Approx. 15 to 20 yrs.**

***Prepared by: NEVILLE LEVANS WILLIAMS***

***Date : 2025/09/18***

## **Project Location and Description**

The proposed lumberyard (without processing) is located at approximately 6°52'12.90"N 58°20'19.74"W, Block 1 Parcel 336 Plantation Zeelught, East Bank Essequibo, with direct access via the Vreed-en-Hoop to Parika public road. The site is currently occupied by an existing house. The lumberyard (without processing) will be operated under the house, where lumber storage facilities such as rack and shelves will be constructed from wood, hence, there will be no major construction activity occurring at the site to result in any significant environmental impacts. Hand held electrical tools will be utilized for the construction of the lumber storage facility. The dimensions of the storage facility will be 14ft x 30ft. The wood waste including wood chips and sawdust will be collected in polystyrene bag/s and it will be given to interested persons such as swine/poultry farmers or dog food vendors. The construction of the lumber storage facilities will take about 2-3 weeks to complete. After which, the lumber will be stacked onto the racks/shelves. The activity will be buying and selling both rough and dress lumber.

The topography of the area is generally flat and the soil type is clayey which may be prone to flooding during the rainy season. However, the area is built up and there are established drainage systems to drain the land. The drain is cleaned and maintained sometimes quarterly or it depends on need basis.

The surroundings of the operation appeared to be mixed in nature with the De kindren Hospital situated east and approximately 156.16 meters from the project site and the area is not densely populated with residents as they are located north, south and west of the project site (Please refer to Figure 1 below).



*Figure 1: Google Earth image of the proposed site*

## **Purpose and Operations**

The lumberyard will function solely as a storage and resale facility for various species and dimensions of rough and dressed lumber. No industrial processing (e.g., sawing or planing) will be conducted on site, except for minor cutting using an electrical or manual handsaw to meet specific customer requests.

The proposed facility will have a storage capacity of approximately 15,000 to 20,000 BM of lumber, providing adequate space for efficient stock management. All lumber will be systematically sorted and shelved according to species and size to ensure proper organization and ease of access. The primary supply of lumber will be sourced from my sawmill located in Lower Bonasika Creek, with additional supplies obtained from other

authorized sawmills operating in Hubu. Transportation to the site will be facilitated using either a truck or canter, depending on the volume of lumber being delivered. Loading and offloading activities will be restricted to operational hours and will be performed manually by staff to maintain controlled handling practices and minimize potential impacts such as noise, dust, or damage to materials. To address fire safety requirements, the facility will be equipped with strategically placed fire extinguishers and sand buckets, along with prominently displayed “No Smoking” signage at key locations, ensuring both worker safety and compliance with regulatory standards. Infrastructure

### **Utility Services**

Water is sourced from Guyana Water Incorporated and electricity is sourced from Guyana Power and Light and supplemented by solar lights. No generator will be used. Communication will be carried via both mobile and landline services which are readily accessible and available on the coastland.

### **Staffing and Safety Measures**

The operation will employ five (5) full-time staff members to ensure efficient management of daily activities. Working hours will be from Monday to Saturday, 8:00 AM to 4:00 PM. To safeguard worker health and safety, all employees will be provided with personal protective equipment (PPE) including gloves, boots, reflective vests, and masks. In addition, a fully stocked First Aid Kit will be maintained on-site at all times, and a standby vehicle or taxi service will be available to facilitate transportation in the event of a medical emergency.

## Potential Environmental Impacts and Mitigation Measures

Potential Environmental Impact	Mitigation Measures
<b>Dust and Airborne Particulates</b>	Wetting of surfaces during dry conditions; minimal manual cutting only on demand; maintain storage areas in a clean and organized condition.
<b>Noise from Vehicle Movement and Offloading</b>	Restrict operations to daylight hours; use small canter trucks to minimize heavy traffic noise; manual offloading to reduce impact.
<b>Vibrations from Truck Deliveries</b>	Encourage careful maneuvering of trucks; manual unloading by a team of four workers to avoid dropping lumber and reduce vibration impacts.
<b>Solid Waste Generation (wood debris, packaging)</b>	Daily collection and disposal; wood ends are offered to nearby residents for firewood; plastics/cardboard packaging separated and picked up by Puran Brother Disposal Services.
<b>Soil Contamination (accidental spills)</b>	No fuels stored onsite; vehicles refueled off-site; chemicals not stored or used on premises.
<b>Stormwater Runoff and Drainage</b>	Maintain proper site grading to prevent pooling; ensure drains remain unclogged and free of debris; avoid storing lumber directly on bare soil by using pallets.

<b>Fire Hazard</b>	Fire extinguishers and sand buckets placed at strategic points; clear fire-safety signage displayed; no open flames or smoking allowed in storage areas; periodic fire drills and safety inspections.
<b>Grey Water and Sanitary Waste</b>	All wastewater directed to an existing sealed septic tank; routine monitoring and periodic emptying by a licensed waste disposal company.
<b>Traffic and Road Safety</b>	Schedule deliveries to avoid peak hours; implement traffic management plan for loading/unloading; place visible signage for entry/exit points.
<b>Occupational Health and Safety Risks (lifting, stacking, slips/falls)</b>	Provide worker training in safe lifting techniques; use protective gear (gloves, boots, helmets); ensure stacks are stable and not over height limits; maintain clear walkways free of trip hazards.
<b>Vector and Pest Attraction (from wood storage or waste)</b>	Regular waste removal; store wood above ground level to discourage termites/rodents; inspect storage periodically for signs of pest infestation.
<b>Visual Impact / Aesthetics</b>	Maintain orderly stacking and storage; erect perimeter fencing and vegetation buffer where feasible to improve appearance.

## **Waste Management Plan**

### **Non-Hazardous Waste**

- **Domestic Waste:** Collected in designated receptacles and removed once weekly by Puran Brothers Inc.
- **Wood Waste (Ends, Sawdust):** Collected daily.
  - Sawdust bagged for collection by poultry farmers.
  - Larger wood pieces offered to nearby residents for use as firewood.
- **Municipal Waste (Grey water, sewage):** Discharged to a sealed, accessible septic tank maintained by a licensed waste contractor.

### **Hazardous Waste**

- **None Expected:** The operation involves no on-site processing, no chemical preservatives, and no use of generators.
- Vehicle maintenance, oil changes, and any hazardous fluids are managed off-site by mechanic workshops that handle their own waste streams.

