



# PROPOSED PROJECT SUMMARY

This Proposed Project Summary outlines the overview of Wiser Choice Lumberyard which entails the potential impact to the Environment and Residents and measure to reduce those impact.

Wiser Choice Lumberyard

Name of Developers- Parbatie Omrow & Wiser Wazir Abdool

Address- 296 Sister's Village, West Bank Demerara

Business Name- Wiser Choice Lumberyard

Business Address- 296 Sister's Village, West Bank Demerara

Type of Operation- Lumberyard (Without Processing)

Contact information-652-6356

Wiser Choice Lumberyard is a new establishment that will be located at lot 296 Sister's Village, West Bank Demerara. This Lumberyard will cater for residents and contractors who will require various sizes, quantities, and species of lumber daily. This site can be accessed via the West Bank Demerara main access road into Sister's village. The area where the proposed lumberyard is expected to be constructed is of mixed-use meaning it houses businesses along with residents.

The lumberyard is expected to occupy an area of 600 square feet of 30x20 which will be built on solid concrete with reinforced steel to avoid any unnecessary leaning or break of the racks. With the aforementioned, the lumberyard is expected to have several racks built within the aforementioned area for the storage of lumber of various sizes, quantities, and species. Additionally, suitable egress and ingress will be maintained at all time.

A perimeter drain will be constructed to allow run-offs of water during the rainy season to avoid flooding, this drainage system will run horizontally to the lumberyard and discharge within the surrounding drain.

The potential impact of the construction and operation of the lumberyard can cause discomfort to residents and even employees. As such, the company foresees that dust and noise nuisance can emanate from the above-mentioned material, either by loading, offloading or even storing the materials. The company strives for the safety and health of its employees and surrounding neighbors. Notwithstanding the aforementioned, the following impacts can be associated with the construction and operation of the lumberyard:

- Dust Nuisance;
- Noise Nuisance;
- Waste Management

### **Dust Nuisance**

The following is foreseen to have an impact on the surroundings of the facility:

- Dust emanates from the grading of land for infrastructural works, mixing of concrete, sawing of timber, and transporting materials to the site.
- Onsite generators which will be used in event of blackouts, may release smoke and pose a risk to human health and the environment.
- Off-loading and on-loading of lumber to vehicles.

### **Mitigation measures to reduce potential impacts associated with Dust Nuisance**

- A dust screen will be erected on the southern and western side of the facility, where residents reside, this will limit the amount of dust that would be blown in the direction of the effected residents;
- Trucks tray are to be covered when transporting material to and from the site;
- Material stockpile to be kept to a minimum height to reduce wind action on materials. There will be no overstocking of racks;

## **Noise Nuisance**

Noise will be generated mainly from the use of fuel-powered generators and traversing of vehicles. These impacts are unavoidable and expected to be short-term and localized.

## **Impacts associated with Noise Exposure**

Noise levels varies within specific areas such as 75db for daytime and 65db for night time. As such, machinery and equipment will be utilized during the construction phase of the project, this can result in an increase in noise levels. Also, some construction activities are generally noisy such as noise from workers. Although the project will result in increased levels of noise, the impacts will be localized and will not pose harm to any nearby residents.

## **Mitigation measures to reduce potential impacts associated with noise during the construction and operation phases**

Wiser Choice Lumberyard will mitigate the potential impacts from noise by:

- Keeping Noise levels within the GNBS prescribed limit, it should be noted that work will begin at 8:00am and concludes at 4:30pm daily;
- The generator will be located within an enclosed room at the facility and be equipped with a muffler to reduce noise emanating;
- Vehicles that will traverse the area to on-load or off-load lumber will be required to turn off said vehicles.

## **Waste Management Potential Impact**

Possible potential impacts from the project may include;

- Indiscriminating dumping of waste into the drains or parapets by employees,
- Possible run off of sawdust/shavings from the lumberyard into the surrounding drains.

### **To avoid the above-mentioned impacts, the following will be implemented:**

- Garbage receptacles will be placed at strategic locations and emptied twice weekly to avoid overflow and rodent infestations:
- Sawdust/shavings (small amount) will be placed into bags for the removal by the disposal service or residents who will use it for poultry operation within the area.

## **Source of Energy**

The main source of electricity will be from Guyana Power and Light whereby the facility will run its day-to-day operation; further, a generator system will be onsite on a concrete foundation in an enclosed room to reduce the impact of noise in the surrounding area, the exhaust stack will be raised to an appropriate height to avoid impact to residents.

## **Employees**

The project is expected to employ approximately ten (10) workers during the land preparation and construction phases. Additional employment is expected once operations commence, it is estimated that approximately three (3) employees will be required to operate the lumberyard on a daily basis.