



JSB INVESTMENT

FUEL STORAGE PROJECT SUMMARY



FEBRUARY 21, 2024

Business Name: JSB INVESTMENT

Business Address: Tract "D", Timehri, East Bank Demerara

Company Secretary: Remaliah Bhaskaran

Project Address: Block "R", Soesdyke, East Bank Demerara

Type of Operation: Fuel Storage (Diesel)

Implementation of Project: Immediately

Capital Investment: 5 million

Number of employees: 2



Location of Project

The project is located at Block "R", Soesdyke, East Bank Demerara. The proposed site contains 200 feet by 91 feet (LXW). It is boarded by residential dwelling to the north and south, while the access road is located to the western side and a cross street is located behind the fuel storage activity.

Status of the Project

The facility is currently in its operational phase, whereby the company's fleet of vehicles is parked and sand is stored at the location.

Impacts that may arise from the project

The following impact may arise from the storing of fuel at the above-mentioned location:

- Noise Pollution from the offloading and onloading of fuel;
- Dust Pollution;
- Fire Hazard;
- Spillage of fuel.

To properly address the above-mentioned Environmental Impacts, the following measures will be implemented.

Noise pollution from offloading and onloading of fuel.

Noise will be generated from the traversing of the vehicle to and from the fuel storage location. Primarily, noise will mostly be generated from heavy-duty trucks and customers/employees.

To mitigate the above-mentioned impact on the Environment and Employees, the following measures will be implemented:

- Systems such as signs that will be visible to customers/employees to turn off their vehicles when at the location, since heavy-duty trucks tends to generate a lot of noise.

- Offloading and onloading of fuel will generate some amount of noise since a pump system will be used to dispense fuel from the truck to the tank and visa-versa.

Dust Pollution:

Dust nuisance within the Soesdyke area currently is problematic since heavy-duty trucks with sand, stone, and loam constantly traverse the area.

The following measures will be implemented to reduce any dust emanating from the project site concerning the fuel storage activity.

- The implementation of a wet suppression to the roadway, and certain parts of the compound daily, primarily around the fuel storage activity. This can help in protecting our employees and customers while traversing our location.

Spillage of fuel

Accidental Spillage of fuel may occur at the fuel storage activity during operation from the refueling of vehicles and machinery. However, with proper management and signage, this can eventually be eliminated, thus, protecting ground waters, surface water, fire and any other hazardous impact it may cause.

The following measures will be implemented.

- To prevent spillage, drip trays will be situated under fuel lines/pump to capture any spilled fuel;
- Further, during the operational aspect of the fuel storage activity, in the event of minor spillage, spill kits will be on-site to be used and avoid the spilled fuel from spreading;
- A bunded wall will be constructed with the capacity of not less than 120% of the total fuel stored on site at a given time, to capture within to avoid fuel from spreading around the facility;
- An oil/water separator will be constructed in the existing drain to capture any fuel that may bypass the containment bund or fuel that may leak from trucks;

Power Generation

The facility will be using electricity from the utility company, Guyana Power and Light, for the day-to-day operation of the facility, however, a generator will be on-site in the event of a power outage. The Generator will be placed in a room at a strategic location at the facility to avoid disturbance to nearby residents and employees. The exhaust stack of the said generator will be placed approximately ten (10) feet in the air to disperse smoke when in operation.

Waste Disposal

Since the facility is in operation, minimal waste was observed being generated by customers and employees. This waste is primarily generated from the other operations within the compound and not the fuel storage site.

Waste Management Measures

- Waste generated by the operation, which includes fuel storage, will be placed in garbage bins located around the compound
- Waste materials such as boxes, bottles, plastic, papers etc. are expected to be generated by the operation will be taken to the dumpsite located on the East Bank of Demerara by a private disposal company weekly;
- The absorbent materials will be placed in the garbage receptacle to be disposed of by a private disposal company.

Operation of the Fuel Storage

When in operation, fuel will be trucked to the location when needed and discharged into an above-ground tank with a capacity of 3000 gallons. The aforementioned fuel will be dispensed via a pump to the company's fleet of trucks and possibly resale to customers from time to time.

As it relates to safety measures of the fuel storage activity, Firefight equipment, such as fire buckets and fire extinguishers are stationed around the fuel storage activity as recommended by the Guyana Fire Service.

In the event of an emergency at the location, serviceable fire extinguishers and sand buckets will be readily accessible by staff. Staff will be trained in emergency preparedness and firefighting training will be requested by the Guyana Fire. Further, monitoring of the dispenser unit and the tank that will be stationed at the location will be done daily to detect spillage and to avoid contamination of waterways or the earthen surface.

Employment

This project currently employed several individuals residing in Lethem:

The operational aspect of the facility:

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