

Project Summary

The Proprietor of Tarran Trading Enterprise currently stores retail quantities of lubricants and grease from Lots 1 and 2, Plantation Drill, Mahicony, East Coast Demerara. These products are sold to automotive shops, vulcanizing shops, Gas Stations, farmers, miners etc. The business is expanding and the Proprietor require an Importation/Wholesale Licence from the GEA. The life span of this project would be for approximately ten years.

The Proprietor intends to import on a monthly basis one 40ft container a month of lubricants, which is approximately 31,000 liters of lubricants and 1,500 kg of Grease. Guyana Fire Service has assessed the storage capacity of the Storage Bond to store in excess of 100,000 liters of Lubricants and 5,000kg of Grease.

The Proprietor's Titled Land is on the Main Access Road or Mahicony Old Road. From the Main Access road and within the land there is a loam road to the Storage Bond. The business currently employs four individuals, three porters and one driver. The products from the expansion of this project would already be packaged when imported. The products would be sold packaged and therefore there is no waste that is produced from this Project. The only waste produced is domestic waste from the workers. The power consumption from the storage bond is less than that of a small home, given that power is only used for lighting in the evening. Water consumption is also equivalent to that of a small household.

The Lubricants and Grease will be stored on the ground floor of the Storage Bond. The area of the bond is 413.79 sq. meters or 413.79 m². The lubricants when imported could be stored in the following containers (already packaged) –

1. Totes or IPC Tanks (1,000 Liters)
2. Barrels (205 Liters)
3. 5 Gallon Buckets (19 Liters)
4. 1 Gallon Bottles (3.78 Liters)
5. Quartz (0.95 Liters)

The Grease imported in the following containers –

1. Barrels (205 Liters)
2. 15 kg Container
3. 3.5 kg Container
4. 1 kg Container

Potential Impact and Mitigation

In the unfortunate event if a storage container becomes compromised, the spill would not leave the Storage bond. The reason for this is that the floor of the bond is concrete and the walls are concrete. There are three entrances into and out of the bond; they all have a bump that would prevent leakage into the surrounding environment. An absorbent material (like a rag or cloth) would clean up the spill or leak, sand would be used for larger spills.

Project Summary Map

Map Showing Surrounding Project Area

The Red outline is the Proprietor's Titled Land used for this Project.

The Yellow line is the Loam road from the Main Access Road to the Storage Bond

The Blue Outline is the Storage Bond



Google Earth

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The Proprietor's Titled Land is by the Public Road (Mahicony Old Road). The surrounding land around the Proprietor's land is utilized for farming activities, either rice farming or cattle grazing. The Proprietor's land consists of fruit trees that are for personal use, and fishing pond that is for recreational use.

The only commercial activity on this premise is the current Storage Bond, which is utilized for storage of retail quantities of Lubricants and Grease.

Drone Image of Project Area is provided for better image quality.



Red outlines the Proprietor's Titled Land, Blue Broken Line outlines a loam road which is from the Main Access Road (Public Road) to the Storage Bond. The Purple outlines the Storage Bond. Construction of a house is currently ongoing on the Proprietor's land. Mahicony Market is approximately 3 km away from the Project Site. There are no Indigenous settlements, Heritage Site, or Protected sites around the Project site. The surrounding land are mostly utilized for rice farming, and cattle grazing.

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