

Project Summary

Name of Operation

Devnarine Persaud

Name of Developer/Company

Scott Fuel Depot

Image of Operation



Contact details

Address of Operation

Karrau Creek, Lower Mazaruni River, Region #7

Date Prepared

November 28, 2024

Introduction

Scott Fuel Depot is located at Karrau Creek Mazaruni River, Region #7, the facility stores approximately twenty-three thousand (23,000) gallons of diesel and gasoline for the purpose of resale. Fuel is stored in two (2) metal aboveground storage tanks and is surrounded by a concrete containment wall.

Section 2: Description of Project Location



Address and Coordinates: Provide the specific address or geographical coordinates of the location: 6°25'16.55"N 58°38'38.08"W.

- **Accessibility:** Access to the site can be from Bartica via a ten (10) minutes boat ride west into the village of Karrau.
- **Land Use and Surroundings:** The facility is surrounded by the Mazaruni River to the north, east and south and the village of Karrau to the west

- **Environmental Consideration:** Approximately 5m east of the facility is the Mazaruni River
- **Future Expansion Potential:** An office space will be constructed sometime in the future.

Section 3: Description of Project

Construction is completed and an office space will be constructed in the future.

Table 1: Emissions for Air

| No. | Type | Sources |
|-----|---------------------------------------|---|
| 1 | Gaseous pollutants (combustion gases) | Currently the facility has no generator but plans to purchase during the operation phase. |
| 2 | Particulate Emissions | Exposed concrete or dirt surface during the dry season |
| | | |

Table 2: Solid Waste

| No. | Type | Treatment/Disposal Methods |
|-----|--|----------------------------|
| 1 | Domestic Waste – General Garbage one bin | Disposal site in Karrau |

Table 3: Liquid Waste

| No. | Type | Treatment/Disposal Methods |
|-----|-----------------------------------|---|
| 1 | Domestic Waste Water (Grey Water) | Via the drainage network located within the property. |
| 2 | Sewage | The facility has one (1) septic tank. |

Table 4: Hazardous Waste

| No. | Type | Treatment/Disposal Methods |
|-----|------------------------|----------------------------|
| 1 | Off Specification Fuel | |

| | | |
|---|----------------------------|--|
| 2 | Waste Oil | During the operation phase waste oil from the generator will be given to chainsaw operators. |
| 3 | Oily Rags | Will be disposed of with the regular garbage |
| 4 | Waste from spills or leaks | NA |
| 5 | Used batteries | NA |

Section 4: Project size e. g capital investment, number of employees etc.:

Capital Investment is approximately GYD\$5,000,000

Number of employees: Three (3)

Section 5: A non-technical summary of the project what type of activity and how is it conducted?

Fuel is stored in two (2) metal aboveground storage tanks which has a total capacity of twenty-three thousand (23,000) gallons and is surrounded with a concrete secondary containment wall. Fuel will be sourced from the three (3) bulk storage facilities in Providence, East Bank Demerara, and transported via vessel to the site. Fuel will be sold via pumps to customers.

Section 6: Potential Impacts and Management

Environmental Impacts

1. List of impacts

Mitigation Measures

| Aspect | Mitigation Measures |
|---|---|
| Emission to Air: Dust/Particulates | Wet Suppression method to control dust upwelling |
| Noise and Vibration | Vehicles are asked to turn off engines when at the facility. |
| Discharge to surface water | Currently the site has two (2) earthen drains which run west to east. |
| Potential release to land/soil | Facility will purchase a spill kit. |
| Generation, Storage and Disposal of Hazardous Waste | Facility only generates domestic waste which is stored in bins and disposed of by the developer at the site in the community. |

| | |
|------------------------|---|
| Health and Safety Risk | Facility has three (3) fire extinguishers and two (2) sand buckets. Injuries to employees will be taken care of by the Karrau Health Center and Bartica Hospital. |
|------------------------|---|