

Project Summary

Name of Operation

Speedy's Service Station

Name of Developer/Company

Casey De Agrella

Contact details

677-0170

Image of Operation



Address of Operation

141 Potaro Road, 4 Miles Bartica, Region #7.

Date

February 03, 2025

Prepared by: Casey De Agrella

Section 1: Introduction (Project Overview)

This operation involves Fuel Storage, which is the process of storing fuel in a portable fuel station for retail purposes.

Speedy's Service Station is owned and managed by Mr. Casey De Agrella of Lot 12 Third Avenue Bartica, Guyana.

Section 2: Description of Project Location

The project is accessible via the Bartica Potaro Trail and into Four Miles Road. Surrounding the operation is all vacant land with the main access road to the east.



Environmental Considerations:

Environmental Considerations: this project has the ability to impact soil, air/noise quality, water quality (surface water) and biodiversity. Therefore, correct storage of our fuel is essential for ensuring safety, protecting the environment, and optimizing operational efficiency.

Section 3: Description of Project,

Fuel (diesel and gasoline) is currently being stored within a portable unit which has two (2) aboveground tanks built in to the unit. Each tank stores approximately one thousand, five hundred (1,500) liters of fuel. The unit has two dispensers for each type

of fuel and is installed within a solid cast concrete bund. Fuel is stored for resale purposes and is sold via two nozzle dispensers.

Safety and Security: A monthly meeting is held with staff to discuss safety procedures and protocols in case of an incident.

Fire prevention strategies: There are 1 fire bucket, and 3 fire extinguishers.

Table 1: Emissions for Air

No.	Type	Sources
1	Gaseous pollutants (combustion gases)	N/A
2	Particulate Emissions	N/A

Table 2: Solid Waste

No.	Type	Treatment/Disposal Methods
1	Domestic Waste: plastics, food items, etc.	Domestic garbage is stored in plastic buckets and disposed of by the Council on a weekly basis.
2	Construction Waste (if any)	N/A

Table 3: Liquid Waste

No.	Type	Treatment/Disposal Methods
1	Domestic Wastewater (Grey Water) – wiping water	Grey water is discharged directly into the environment
2	Sewage	One septic tank near the facility

Table 4: Hazardous Waste

No.	Type	Treatment/Disposal Methods
	Off Specification Fuel -	N/A
	Waste Oil -	N/A
	Oily Rags -	N/A
	Waste from spills or leaks -	Prompt cleanup using the onsite spill kit and proper disposal
	Used batteries -	N/A

Section 4: Project size

- **Capacity:** Approximately **3,000 liters** of diesel and gasoline.
- **Storage:** One (1) portable unit with two (2) tanks.
- **Workforce:** The business operates with a team of **2 employees**.
- **Investment Capital:** The estimated investment capital for this venture is approximately **\$4.5 million** with a monthly turn-over of **\$240,000**.

Section 5: A non-technical summary of the project

- **Activity Type:** The main operation involves storage of fuel for resale.
- **Method of Conduct:** Fuel is purchased from SOL Bartica Bulk Storage.
- **Storage:** One (1) portable unit with two (2) storage tanks.
- **Distribution:** Each tank has its own nozzle dispenser.
- **Operation hours:** Operation hours are from 8:00am to 6:00pm.

Section 6: Potential Impacts and Management

Environmental Impacts

1. List of impacts

Mitigation Measures

Aspect	Mitigation Measures
Emission to Air: Dust/Particulates	N/A
Emission to Air: Gaseous Emissions	N/A
Noise and Vibration	N/A
Discharge to surface water	Implement measure that would encourage safety and environmental protection like inspection to units before dispensing.
Potential release to land/soil	Use of spill containment measures like drip pans adsorbent materials to contain accidental spills.
Generation, Storage and Disposal of Hazardous Waste	N/A
Health and Safety Risk	Emergency cases are referred to Bartica Hospital 10 mins away. Accessible first aid kit and functional fire extinguishers are present at facility