

Project Summary

Name of Operation

Kenan Oselmo (Fuel Bunkering)

Name of Developer/Company

Kenan Oselmo

Contact details.

Tel#: +592 662-5238/ +592 661-9488

Image of Operation



Address of Operation

Canal Bank, Port Kaituma, Region 1

Date

28th February 2024

Section 1: Introduction (Project Overview)

This operation involves Fuel Bunkering, which is the process of transferring gasoline and diesel from a ship to shore for retail purposes. This operation was established in January 2022 as a financial means to support daily living using a vessel named Kenan.

Section 2: Description of Project Location

The project is accessible through the Kaituma river and is moored at the Turn Basin access road. The surrounding the operation includes the Kaituma river and the Turn Basin access road, which features a combination of residential and commercial zoning. It is conveniently located five minutes away from the Port Kaituma Hospital for emergency services.

Location and GPS coordinates: The project site coordinates are 7.734055N, -59.879838W



- **Environmental Considerations:**

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

- using approved containers, ensuring proper storage, ventilation, and following specific fueling instructions due to the unique characteristics and associated risks of different fuels like gasoline and diesel.
- Periodically inspect the functionality of emergency equipment.
- Provide continuous training for staff responsible for fuel handling.
- Ensure gasoline containers are tightly sealed to prevent spills.

Future Expansion Potential:

Our business's future expansion plans include:

- Installation of fuel pump
- Establishment of a fuel storage facility at our home address location, Canal Bank, Port Kaituma, Region 1. The goal is to store 50 drums of gasoline, amounting to 2500 gallons, for the purpose of resale.

Section 3: Description of Project,

The resale of gasoline operations takes place at Turn Basin, Port Kaituma, Region 1, where gasoline is transferred from the vessel to the turn basin access road for our customer during the hours of 6Am to 6PM daily. Drums with a capacity size of 45 gallons are used to store gasoline. The vessel engine would be the main source of electricity.

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

Fire prevention strategies: There are 2 fire buckets, 2 fire extinguishers, an adequate number of life jackets, 4 life rings, and safety signage indicating no smoking, highly flammable materials, and the location of an accessible first aid kit.

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	Placed in 5gal bucket and uplifted by the NDC for disposal as need arises
2	Construction Waste (if any)	N/A

Table 3: Liquid Waste

No.	Type	Treatment/Disposal Methods
1	Domestic Wastewater (Grey Water) –	N/A
2	Sewage	N/A

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 and proper disposal
	Used batteries -	N/A

Section 4: Project size

- **Capacity:** Approximately **3,500 gallons** of gasoline/ diesel.
- **Storage:** Utilizing **70 drums**, each with a capacity size of **45 gallons**.
- **Workforce:** The business operates with a team of **2 employees**.
- **Investment Capital:** The estimated investment capital for this venture is approximately **\$3.5 million** with a monthly turn-over of **\$300,000**.

Section 5: A non-technical summary of the project

- **Activity Type:** The main operation involves fuel bunkering from ship to shore for resale.
- **Method of Conduct:** Fuel is purchased from fuel facilities such as H. & J. Persaud and Sons at Charity.
- **Storage:** The fuel is stored in approximately 50 drums, each with a capacity of 45 gallons.
- **Distribution:** The vessel will be loaded with gasoline to be sold at Turn Basin port Kaituma.
- **Operation hours:** The bunkering operates from 6 AM to 6 PM.

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 inspect hose, connections and fittings for any sign of damage or wear and tear. Ensure that vessel is securely moored before fuel 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	Referred to Port Kaituma Hospital

Images of the facility:



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Prepared By

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