

## Project Summary

Name of Operation

Kamila II

Name of Developer/Company

Harrinaime Buliram

Contact details

691-5720

Address of Operation

Turn Basin

Date

28<sup>th</sup> February, 2024

Prepared By

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## Introduction (Project Overview)

This operation involves fuel bunkering from Kamila II. Fuel is purchased from Charity once per month via the vessel. Fuel (diesel) is two (2) below deck storage area with capacity of twenty-seven thousand and sixty-five (27,065) liters combined. After each trip the vessel docks at Turn Basin, Port Kaituma after which fuel is then pumped via diesel pump and rubber hose to trucks on the landing area.

**Description of Project Location** - 7.734277, -59.879541



- **Accessibility**

The site can be accessed via the Turn Basin.

- **Land Use and Surroundings**

Toolise Jattan, Cappi Import & Export (west), Kaituma River (east), Kaituma Landing ( south) & Public Road (north)

- **Safety and Security**

At least four (4) worker is always stationed on the vessel.

- **Environmental Consideration**

This project has the ability to impact soil, air/noise quality, water quality (ground and surface water) and biodiversity. Therefore, correct 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:**

No plans to modify or expand the size of the vessel.

**Description of Project**

Fuel is purchased from facilities in Charity, Region 2. Fuel is stored in two (2) metal tanks which are located below the deck of the vessel with a capacity of twenty thousand (20,000) lt each. Fuel is then sold to customers via a diesel pump and rubber hose and sold by drums.

**Table 1: Emissions for Air**

No.	Type	Sources
1	Gaseous pollutants (combustion gases) – No Generator, Vessel is off when discharging fuel.	Vessel Travelling
2	Particulate Emissions	None

**Table 2: Solid Waste**

No.	Type	Treatment/Disposal Methods
1	Domestic Waste	Waste is collected in small plastic buckets in the vessel and stored until docked after which it is disposed of with the regular waste.

**Table 3: Liquid Waste**

No.	Type	Treatment/Disposal Methods
1	Domestic Waste Water (Grey Water) – One septic tank	Grey water is discharged directly into the river.
2	Sewage	none

**Table 4: Hazardous Waste**

No.	Type	Treatment/Disposal Methods
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	Off Specification Fuel – none	Not Applicable
	Waste Oil	Vessel is currently outboard and service is done on land. Waste oil approximately five (5) gal is given to chain saw operators.
	Oily Rags	Goes into the regular waste bin.
	Waste from spills or leaks	No spills or leak on the vessel
	Used batteries	Not Applicable

#### Section 4: Project size

- **Capacity:** Approximately **twenty-seven thousand and sixty-five (27,065) liters** of gasoline/ diesel.
- **Storage:** Vessel capacity is currently **twenty-seven thousand and sixty-five (27,065) liters**, and on deck capacity for each tank is **one thousand (1000)** for each tote (6 in total).
- **Workforce:** The business operates with a team of **four (4) employees when the vessel is travelling and docked.**
- **Investment Capital:** The estimated investment capital for this venture is approximately **ten (\$10,000,000) million** with a monthly turn-over of **one (\$1,000,000) million.**

#### Section 5: A non-technical summary of the project

1. **Activity Type:** The main operation involves fuel bunkering from ship to shore for resale.
2. **Method of Conduct:** Fuel is purchased from fuel facilities in Charity, Region 2.
3. **Storage:** The fuel transported via vessel which has a capacity of forty-six thousand, four hundred and fifty (46,450) combined.
4. **Distribution:** Fuel is sold at Turn Basin, Port Kaituma .
5. **Operation hours:** onshore activities operate from 6 AM to 6 PM.

#### Section 6: Potential Impacts and Management

List of impacts

Mitigation Measures

<b>Aspect</b>	<b>Mitigation Measures</b>
Emission to Air: Dust/Particulates	Wet Suppression is done by developer on the landing.
Emission to Air: Gaseous Emissions	N/A
Noise and Vibration	N/A
Discharge to surface water	N/A
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	Waste oil is given to chain saw operators.
Health and Safety Risk	Employees will be given safety equipment and personal protective equipment while on water and on land. Fire safety will be regularly inspected and tested.

**Images of the facility:**



Picture 1: showing the vessel



Picture 2: showing the storage tank