



**Environmental
Protection
Agency**

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Environmental Permit (Renewed)

Issued under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

Reference No.:	20051219-JFLDW
Fee:	Medium C3, i.e. US\$ 1,100 per year
Fee Paid:	US\$ 5,500 for 5 years (May 2025 to April 2030)
Addressee:	John Fernandes Limited Lot 24, Water Street Georgetown Guyana
Activity:	Operation of Container Terminal and Diesel Mechanic Workshop Facilities with Storage of Fuel

John Fernandes Limited, hereinafter referred to as the “Permit Holder”, is hereby authorized in accordance with the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to Operate a Container Terminal and Diesel Mechanic Workshop Facilities with Storage of Fuel at Industrial Site, Mandela Avenue Ruimveldt Georgetown, Guyana hereinafter referred to as the “Project”, in a manner indicated in the Application for Renewal of an Environmental Authorisation submitted on January 16, 2024, and subject to the terms and conditions set forth herein and in any existing or forthcoming regulations, guidelines, best practices and standards relevant to this project.

This is a Renewal of Environmental Permit (Varied), Reference No. 20051219-JFLDW, issued on June 24, 2022, and expired on March 30, 2024.

The Permit Holder, His Servants, Agents, and/or Sub-contractors shall comply with the following Terms and Conditions:

1.0 GENERAL OPERATION

- 1.1 Make an application to the Agency to vary this Permit in instances where it becomes necessary to:
 - i. change the construction, operation, structure, or layout of the facility and all associated buildings;
 - ii. change equipment, machine, apparatus, mechanism, system or technology serving the facility;

- iii. change the position and design of any outlet at the point or points of discharge of effluents; or
 - iv. effect any other change outlined in 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 Obtain and maintain Guyana Fire Service Approval and submit a copy of the approval to the EPA.
- 1.3 The Permit Holder shall develop and implement a Community Engagement Plan (CEP) within 30 days of the issuance of this permit. The CEP shall be submitted to the Agency for review and approval prior to implementation.
- 1.4 The CEP shall include, but not be limited to, a list of affected stakeholders, proposed tools and methods for engagement, with timelines, procedures for tracking community interaction, outcomes, grievance system, etc.
- 1.5 The Permit Holder shall update the previously submitted **Emergency Response Plan (ERP)** to include detailed **spill containment measures** and **fire safety protocols** specific to the project site and associated operations. The updated ERP shall be submitted to the Agency for **review and approval no later than August 28, 2025**.
- 1.6 Fire prevention and control equipment shall be maintained in accordance with this Guyana Fire Service Approval. This may include a smoke detection and alarm system, fire extinguishers, fire hydrants, or sprinkler systems as appropriate.
- 1.7 Adhere to the **Occupational Health and Safety (OHS) Act, Cap. 99:06, Laws of Guyana**.

2.0 OPERATION OF CONTAINER TERMINAL

- 2.1 Empty containers shall be stacked separately from those with cargo.
- 2.2 Containers shall be stacked corner post to corner post, and the point of contact shall be flush and not off-center.
- 2.3 Stacking of containers shall not exceed eight (8) containers on top of each other.
- 2.4 A buffer zone of 200ft in the western area close to the Houston and D'Aguiar's park residents shall be maintained.

3.0 NOISE QUALITY

- 3.1 Adhere to the provisions of the **Environmental Protection (Noise Management)** and **Environmental Protection (Air Quality) Regulations, 2000**.

- 3.2 Noise emissions shall be monitored 15 meters away from the source of noise to determine compliance with Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions into the Environment, not exceeding the limits listed below:

Industrial Limits: 100 dB (Day-time (06:00 h -18:00 h))
80 dB (Night-time (18:00 – 06:00 h))

Specifically, at the Southern Portion of the Operation, in close proximity to residents (Houston Gardens and D'Aguiar's Park), the noise level shall not exceed:

Residential Limits: 60 dB (Night-time (18:00 h – 06:00 h))

Monitoring shall be conducted **quarterly** by trained personnel using calibrated Type 2 sound Level Meters. Records of all monitoring exercises shall be maintained and submitted as part of the **Annual Report**.

- 3.3 All significant noise-producing equipment, such as generators, shall be equipped with silencers or mufflers and/or be enclosed in suitable acoustic enclosures where necessary, to reduce noise levels impacting the surrounding environment to achieve compliance with Guyana National Bureau of Standards (GNBS) requirements.
- 3.4 All equipment and machinery shall be serviced in accordance with the manufacturer's specifications to ensure efficiency and reduce the level of noise produced. A summarised maintenance report shall be maintained on-site and made available to the EPA upon request.
- 3.5 The area between the internal road and the extension of the buffer zone shall be zoned, with appropriate signage, and enforced as a "No Horn" area at all times.
- 3.6 The Best Available Practices shall be implemented at the **southern plot of the container terminal (21 N 0371828 UTM 0750586)** to reduce noise emission when operational from 06:00 pm to 06:00 am, especially in areas of the facility where operations are approximately 50-100 meters from residential communities. Measures shall include, but not be limited to;
- i. a reduction/restriction of horn honking by heavy-duty machinery (haulers, lifters, etc.); and
 - ii. adhering to speed limits to limit the revving of haulers and other machinery to abate noise nuisances emanating from the said activity.

4.0 AIR QUALITY

- 4.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000**.
- 4.2 Wetting of Container Terminal shall extend to both the northern and southern plots (21 N 0371828 UTM 0750586), in close proximity to residents, and shall be conducted at a minimum of three (3) times per day. ***The frequency of wetting shall be***

increased as necessary during very dry weather conditions.

- 4.3 Ambient air quality monitoring shall be conducted at the boundary of the property during normal operations to assess the levels of the following air pollutants, in accordance with the WHO Air Quality Guidelines 2021:

No.	Air Pollutant	Averaging Time	Maximum Permissible Level	Type of Monitoring	Frequency of Monitoring
1.	Carbon Monoxide	24 h	4 mg/m ³	Ambient	Quarterly
2.	Nitrogen Dioxide	24 h	25 µg/m ³	Ambient	Quarterly
3.	Sulphur Dioxide	24 h	40 µg/m ³	Ambient	Quarterly
4.	PM _{2.5}	24 h	15 µg/m ³	Ambient	Quarterly
5.	PM ₁₀	24 h	45 µg/m ³	Ambient	Quarterly

Air Quality monitoring shall be conducted in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records shall be maintained and submitted to the EPA as a component of the **Annual Report**.

- 4.4 In the event of equipment malfunction or **inefficiencies** which may result in visible emissions into the air or, in the event of the malfunction leads to abnormal emissions, the operator shall:
- i. Investigate and undertake remedial action **immediately**;
 - ii. Adjust the process or activity to minimize those emissions; and
 - iii. Record the events and actions taken. This shall be submitted in the annual report.

5.0 OPERATION OF FUEL STORAGE FACILITY

- 5.1 A register of the quantities of fuel and associated hazardous materials stored onsite shall be established and maintained. The registered information shall be maintained and made available for inspection by the EPA upon request.
- 5.2 Fuel shall at all times be stored above ground and away from ignition sources. **'No Smoking'** signs shall be posted where fuel is handled or stored.

Secondary Containment

- 5.3 Existing secondary containment around the fuel tanks shall be inspected monthly for cracks and breakage to ensure they are liquid-tight to withstand the hydrostatic pressure of any contained liquid when full. A summarized inspection report shall be maintained and available for inspection by the EPA upon request.
- 5.4 All secondary containment shall remain sealed, where existing piping enters or exits the containment through the wall. This area shall be sealed to provide total containment. No part of the tank infrastructure (e.g., dispenser, filling hoses, and valves) shall protrude outside the containment.

- 5.5 A monthly monitoring system shall be established to allow for early detection and repairs needed for the secondary containment and tank infrastructure.
- 5.6 Discharge from the secondary containment is **Strictly Prohibited**.
- 5.7 All effluent from secondary containments at the Project shall flow through the oil-water separator and shall be in accordance with the Guyana National Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment*.

6.0 OPERATION OF DIESEL MECHANIC WORKSHOP

- 6.1 Welding, fabrication, and other maintenance activities shall at all times be conducted within the confines of the workshop and on an impervious base.
- 6.2 The Best Available Technology (BAT) shall be implemented to remove vapors/ fumes from the workshop during welding and fabrication work.
- 6.3 Welding gas cylinders shall be stored and managed according to the supplier's recommendations.
- 6.4 Engine oil, grease, and paint used at the workshop shall be stored within secondary containment (bundled area) to minimise the spread/ release of spillage from the storage area.
- 6.5 All chemicals used at the workshop shall be stored in accordance with the Safety Data Sheets (SDS). SDS shall be readily available and easily accessible at the project.
- 6.6 Flammable materials shall be stored away from ignition sources. '**No Smoking**' signs shall be posted where such materials are handled and stored.
- 6.7 The workshop areas shall be adequately weatherproofed to prevent stormwater mixing with wastewater and process fluids. All servicing and parts-cleaning operations should occur within the workshop. Where this is impractical, these operations should occur within a roofed, paved area.
- 6.8 Contaminated wastewater from cleaning greasy hands and equipment shall be collected and routed to the oil/water separators located on-site.
- 6.9 Emergency spill cleanup kit/s shall be maintained at the Project for response to potential spills. Kit/s should contain absorbent materials, drain seals, and other appropriate tools for clean-up.

7.0 WATER QUALITY

- 7.1 Adhere to the provisions of the **Environmental Protection (Water Quality)**

Regulation 2000.

- 7.2 Fuel/lubricants, including waste oils, shall not be drained from equipment onto the ground or into waterways.
- 7.3 The oil-water separator shall be maintained at the final discharge point of drains influenced by the fuel tank containment areas or refueling areas through which all effluent must pass before final discharge.
- 7.4 Contaminated wastewater discharges from the oil water separator(s) shall be in accordance with the Guyana National Bureau of Standards (GNBS) *Interim Guidelines for Industrial Effluent Discharge into the Environment*. The following are the allowable limits for oil and grease (contaminant likely related to the operation) should not be exceeded:

Parameter	Maximum Concentration	Units	Sample type	Frequency of Analysis
Oil and Grease	Total Petroleum Hydrocarbon (TPH) < 40	mg/L	Grab	Annual

Water Quality Monitoring shall be conducted **annually** at the discharge points, in accordance with the parameters listed above, by trained personnel utilizing calibrated equipment. Records shall be maintained and submitted to the EPA as a component of the **Annual Report**.

8.0 HAZARDOUS WASTE (WASTE OIL AND OIL RAGS) MANAGEMENT

- 8.1 Adhere to the provisions of the **Environmental Protection (Hazardous Waste Management) Regulation 2000**.
- 8.2 Hazardous waste containers shall be labeled with the following:
- i. The words **“Hazardous Waste”**
 - ii. The type of waste
 - iii. Beginning accumulation date, i.e., the date when the container was first placed in the Hazardous Waste Storage Area. Should the hazardous waste container be reused, the date hazardous waste was first placed in the container shall be recorded on the container.
- 8.3 Waste oil containers shall be labelled with the following:
- i. The words **“Waste Oil or “Used Oil”**
 - ii. Beginning accumulation date

- 8.4 Hazardous waste shall be stored in a covered, bunded area. This area shall include the following:
- i. Signage- "**Hazardous Waste Storage Area**"
 - ii. Low traffic
 - iii. No floor drains
 - iv. The bunded area shall provide 110% containment of the largest volume stored therein.
- 8.5 Hazardous waste shall be treated and/or disposed of by an EPA-authorised Hazardous Waste Disposal Facility.
- 8.6 Each transport of hazardous waste shall generate a manifest. The manifest shall contain the following:
- a) The name and address of the waste generator;
 - b) The name and description of the waste and hazardous class;
 - c) The number and type of containers;
 - d) The quantity of waste being transported; and
 - e) The name and address of the facility designated to receive the waste
- 8.7 The Project shall retain a signed copy of the **Waste Manifest Form** submitted by the Hazardous Waste Transporter for a period of three years. The copies shall be maintained on-site, and an annual summary of these records shall be submitted to the EPA as a component of the **Annual Report**.

9.0 EMERGENCY PREPAREDNESS PLAN

- 9.1 The Emergency Preparedness Plan shall be communicated to staff and contractors of the facility, and include information in respect of;
- (a) accident prevention procedures;
 - (b) first-person response;
 - (c) notification procedures;
 - (d) location of clean-up equipment;
 - (e) an analysis of potential accidents and response; and
 - (f) materials safety data sheets for all materials which could be spilled.
- 9.2 The Project shall submit, to the Agency, a plan showing;
- (a) the location of all materials stores; and
 - (b) a notification and clean-up plan for each proposed site of operation in the event of a spill.

10.0 WASTE MANAGEMENT

- 10.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on site; covered garbage receptacles must be placed at strategic locations at the facility.

- 10.2 Burning of solid waste **is strictly prohibited.**
- 10.3 All solid waste shall be disposed of by an EPA-authorized Waste Disposal Company.
- 10.4 Good housekeeping, sanitary, and hygienic practices shall be maintained at all times. The facility's drains and surroundings shall be kept free of vegetation and litter.
- 10.5 Promote waste minimization and the reuse and/or recycling of waste and other materials where practical.
- 10.6 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning around waste handling and disposal areas (e.g., sweeping, use of absorbents).
- 10.7 The Permit Holder shall maintain a septic tank system on site in accordance with the Guyana National Bureau of Standards (GNBS) *Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems*:
 - i) The septic tank shall not be located within 1.5 meters of a building or property boundary;
 - ii) septic tanks shall be installed with a sand and charcoal filter bed or other appropriate design for further treatment; and
 - iii) shall be accessible for cleaning and de-sludging.
- 10.8 Any modification to the Septic tank shall be in accordance with the Guyana National Bureau of Standards (GNBS) Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems

11.0 COMPLIANCE MONITORING AND REPORTING

- 11.1 Notify the Environmental Protection Agency within **one (1) hour** of the discovery of the occurrence of environmental emergencies (e.g., oil spills, hazardous materials/wastes spill, sudden onset disaster, natural technological or human induced factors that cause or threaten to cause severe environmental damage as well as harm to human health or livelihood). Notification as prescribed by Section 19(3)(a) of the Environmental Protection Act, shall be submitted to the EPA within **twenty-four (24) hours** of discovery of the incident occurring.
- 11.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 11.3 Notify the Agency in writing of any change of name or ownership of the Permit Holder's facility within **thirty (30) days** after the change occurs.
- 11.4 Notify the Agency **within twenty-one (21) days** in event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.

- 11.5 Maintain and submit to the Agency records of the type, composition, and quantity of contaminant released (i.e., any solid, liquid, gas, odour, sound, vibration, radiation, heat, or combination of any of them).
- 11.6 Submit an **Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, each year**.
- 11.7 Report to the Agency of non-compliance with the Environmental Permit:
- i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit becomes aware of the non-compliance outlining the anticipated manner in which human health or the environment may be impacted.
 - ii. Within **seventy-two (72) hours** of the time the Holder of the Environmental Permit becomes aware of the non-compliance, submit to the Agency a written report containing a description of the non-compliance, its cause, the period of non-compliance including exact dates and time and the anticipated time it is expected to continue if the non-compliance(s) has not been corrected.
- 11.8 Comply with any lawful directions given by the EPA from time to time in furtherance of the implementation of any international or other obligation for the environmental protection of Guyana.
- 11.9 The permit Holder is responsible for ensuring the permitted activity and premises are secured and that all practicable steps are taken to prevent fires, explosions, leaks, or suspected leaks and spills at the permitted premises.


12.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

- 12.1 The Permit Holder shall be liable for any material environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 12.2 The Permit Holder shall be liable for any serious environmental harm caused by polluting the environment, pursuant to s. 39 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 12.3 The Permit Holder shall be liable for any activity that causes or is likely to cause pollution of the environment unless all reasonable and practicable measures are taken to prevent or minimize any resulting adverse effect, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 12.4 The Permit Holder shall be liable for discharging, causing or permitting the entry into the environment, of any contaminant in any amount, concentration or level excess of that prescribed by the regulations or stipulated by this Environmental Permit pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.

- 12.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 12.3 and 12.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 12.6 The Permit Holder shall not be indemnified by the Agency for any activity that causes or is likely to cause pollution to the environment, resulting from adverse effects through the discharge, any contaminant in any amount, concentration, ultra-hazardous substances, chemicals or otherwise, and shall be rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations.
- 12.7 The Permit Holder shall be liable of any gross negligence or wilful misconduct caused by the Permit Holder, his Servants and/or Agents, to the environment, biodiversity, protected species and natural habitat with respect to any release, discharge, or spill, of contaminant fluids, oil or lubricants.
- 12.8 Should the Permit Holder contravene or be likely to contravene any condition of this Permit, the Agency (EPA) may serve on him an Enforcement Notice in accordance with Section 26 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 12.9 Where it appears to the Agency that the Permit Holder is engaged in any activity that may pose a serious threat to natural resources or the environment, or a risk of serious pollution of the environment or any damage to public health, the EPA may issue to the Permit Holder a Prohibition Notice, which may order him to immediately cease the offending activity, in accordance with Section 27 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 12.10 The EPA reserves the right to conduct regular inspections of the Permit Holder's activities as part of its monitoring and enforcement requirements under the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 12.11 The Permit Holder, His Servants and/or Agents shall at all times, allow entry to the permitted facility to any Officer designated by the EPA for the purposes of conducting inspections or any other legitimate business of the Agency. Pursuant to Section 38 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana, it is an offence to assault, obstruct or hinder an authorised person in the execution of his/her duty under the said Act or its Regulations and the Permit Holder shall be liable to penalties prescribed under paragraph (c) of the Fifth Schedule for doing so.
- 12.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 12.13 **This Environmental Permit (Renewed) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for**

continued operation.

- 12.14 The Environmental Permit (Renewed) is effective for the period stipulated herein from **May 2025 to April, 2030.**
- 12.15 This Environmental Permit (Renewed) shall remain valid until **April 30, 2030**, unless otherwise suspended, cancelled, modified, or varied in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 12.16 This Permit shall be renewed by submitting a completed *Application Form for Renewal of an Environmental Authorisation* to the Agency at least six months before this Permit expires, that is, no later than **October 31, 2029.**
- 12.17 Any late submission of renewal application(s) after the specified date as stated above, may require the Permit Holder to pay, in addition to the renewal fee, a late penalty fee (accruing at the time such obligation was first owed for renewal) at a rate of **two thousand dollars (\$2,000.00) per day for every day late**, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.
- 12.18 Failure to comply with the requirements of this Permit or with applicable laws and regulations, whether existing or forthcoming, shall render the Permit Holder liable to prosecution and to penalties, inclusive of civil penalties, injunctive relief and imprisonment, as prescribed under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, the Environmental Protection Regulations and other applicable laws of Guyana.

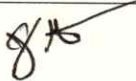
Signed by  on behalf of the Environmental Protection Agency.

Kemraj Parsram
Executive Director

Date

2025-07-03

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Renewed) is granted and agree to abide by the Environmental Protection Act, Cap, 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, the Environmental Protection (Authorisations) Regulations, 2000, and any existing and or forthcoming regulations, best practices, guidelines and standards made under this Act.

NAME	Jeremy Fernandes
DATE	4 th July 2025
SIGNATURE	
DESIGNATION	Manager / Business Development.

