



**Environmental  
Protection  
Agency**

Ganges Street, Sophia,  
Georgetown, GUYANA  
Tel.: (592) 225-0506  
Fax: (592) 225-5481  
Email: [epa@epaguyana.org](mailto:epa@epaguyana.org)  
Website: <http://www.epaguyana.org>

## **Environmental Permit (Renewed, Varied & Modified)**

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

<b>Reference No.:</b>	<b>20190514-WHFSG</b>
<b>Fee:</b>	<b>Medium (C1) – US\$500 per year</b>
<b>Fee Paid:</b>	<b>US\$2,500 for 5 years (February 2022 to January 2027)</b>
<b>Addressee:</b>	<b>Guyana Logistics &amp; Support Services 110 Second Floor Duke and Barrack Streets Kingston</b>
<b>Activity:</b>	<b>Storage of Oil &amp; Gas Chemicals</b>
<b>Varied Activities:</b>	<b>Cable Spooling and Addition of 15 Oil and Gas Chemicals</b>

Guyana Logistics and Support Services, hereinafter referred to as the “Permit Holder”, is hereby authorised in accordance with the Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000, to Store Oil & Gas Chemicals at 24-26, Industrial Site, Ruimveldt, Georgetown, hereinafter referred to as the “Project”, in a manner indicated in the Application for Variance of Environmental Authorisation submitted on April 02, 2024, and October 18, 2024 and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, any existing or forthcoming Regulations made under the said Act, and/or any applicable laws, guidelines, best practices and standards relevant to this project.

This is a Variance of Environmental Permit (Renewed) and Modified, Reference No. 20190514-WHFSG issued on February 16, 2022 and expires on January 31, 2027.

The Permit Holder, Her Servants, Agents and/or Sub- Contractors shall comply with the following Terms and Conditions for Operation:

## **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 Fire prevention and control equipment shall be maintained at the Project in accordance with Guyana Fire Service Approval.
- 1.3 All employees and third parties under your direction shall be made aware of the conditions of the Environmental Authorisation.
- 1.4 The Permit Holder shall provide training on good environmental practices. Annual training records shall be maintained on-site and made available to the EPA upon request.
- 1.5 An **Environmental Risk Assessment (ERA) inclusive of a comprehensive Spill Response Plan** shall be prepared by a certified environmental professional and submitted to the Agency for the Project by **March 31, 2025**.
- 1.6 Adhere to the requirements of the Occupational Safety and Health Act, Cap. 99:01, Laws, of Guyana.

## **2.0 STORAGE OF CHEMICALS**

- 2.1 Adhere to the **Pesticides and Toxic Chemicals Control Act 2000**.
- 2.2 The number of Oil and Gas chemicals stored and handled by the Project shall not exceed 125 as in accordance with the List of Chemicals submitted to the EPA on **October 18, 2024**.
- 2.3 Emergency spill clean-up kits shall be maintained at the Project for response to spills. Kits must contain absorbent materials, drain seals and other appropriate tools for clean-up. Kits must be readily available and clearly identified at the Project.
- 2.4 Chemical Storage Areas shall be clearly labeled: **“Danger, Chemical Storage Area- Authorized Personnel Only”** where applicable, as a spill control measure.

- 2.5 Flammable materials shall be stored away from ignition sources. **'No Smoking'** signs shall be posted where these materials are handled and stored.
- 2.6 Secondary containment (bund area) shall be maintained around storage areas of all liquid chemicals. The secondary containment shall have:
  - i. A volume equivalent to the volume of liquid stored within the largest storage container and;
  - ii. Walls constructed of impermeable materials.
- 2.7 Chemicals shall be stored in accordance with the manufacturer's directions or Safety Data Sheet (SDS) instructions.
- 2.8 Safety Data Sheets for all chemicals shall be readily available and easily accessible at all times at the Project.
- 2.9 Adhere to the labeling of all chemicals with regards to incompatibility with other materials/ chemicals stored within the Facility
- 2.10 Chemicals shall be segregated according to the following compatibility to reduce the risk from mixed spillages or fire:
  - i. Acids separate from Corrosive,
  - ii. Acids separate from Bases,
  - iii. Acids separate from Flammables,
  - iv. Bases separate from Flammables,
  - v. Corrosives separate from Flammables,
  - vi. Oxides separate from all other chemicals,
  - vii. Any other stipulated standards for storage or segregation of chemicals.
- 2.11 Containers holding Oil & Gas Chemicals shall be clearly labeled in accordance with the Globally Harmonized System of Classification and Labeling. The following must be evident:
  - i. GHS Symbols- (Hazard Pictograms)
  - ii. Manufacturer Information
  - iii. Precautionary Statements/ First Aid
  - iv. Hazard Statements
  - v. Product Name or Identifiers
- 2.12 Chemicals stored in ton bags and totes shall:
  - a) Be protected from UV rays;
  - b) Be covered to prevent exposure to dirt, dust, and moisture; and
  - c) Not hang over the side of pallets used for stacking.
- 2.13 Chemicals stored within drums shall:
  - a) Be placed within bunded storage to ensure any leaks or spills are

- immediately contained;
  - b) Be clearly marked with their contents, and any appropriate warning symbols;
  - c) Be regularly inspected to detect rust, leaks or other damage; and
  - d) Remain covered to protect the integrity of your chemicals.
- 2.14 Chemicals **shall not** be stored on damaged, or inadequately secured racking or on damaged pallets to minimise the risk of spills.
- 2.15 Chemical storage containers shall be inspected for signs of leakage or corrosion and damaged containers must be replaced immediately. Inspection reports shall be maintained on site and made available to the EPA upon request.
- 2.16 Emergency exits at the warehouse **shall not** be obstructed by chemical storage containers.
- 2.17 A register of the quantities of Oil & Gas Chemicals stored at the Project shall be established and maintained. A summary of the registered information shall be maintained and submitted to the EPA upon request.
- 2.18 All employees involved in the management of Oil & Gas Chemicals shall be trained on Hazardous Material Communication and Emergency Preparedness Response. Training report shall be maintained on site and made available to the EPA upon request.

### **3.0 AIR QUALITY MANAGEMENT**

- 3.1 Adhere to the provisions of the **Environmental Protection (Air Quality) Regulations, 2000**.
- 3.2 Ambient air quality monitoring shall be conducted during normal operations to assess the levels of the following air contaminants, in accordance with the WHO Air Quality Guidelines 2005 and US EPA National Ambient Air Quality Standards (NAAQs):

No.	Air Pollutant	Averaging Time	Maximum Permissible Level
1.	Carbon Monoxide	1 h	35ppm
2.	Nitrogen Dioxide	1 h	200µg/m <sup>3</sup>
3.	Sulphur Dioxide	24 h	20 µg/m <sup>3</sup>
4.	PM <sub>2.5</sub>	24	25 µg/m <sup>3</sup>
5.	PM <sub>10</sub>	24h	50µg/m <sup>3</sup>
6.	Total Suspended Particles (TSP)	24h	20 µg/m <sup>3</sup>

Air quality monitoring shall be **conducted bi-annually** for the parameters listed above by trained personnel utilizing calibrated equipment. Monitoring records shall be maintained on-site and submitted to the EPA as a component of the **Annual Report**.

3.3 In the event of equipment malfunction or **inefficiencies** which may result in visible emissions to air or, in the event of the malfunction leads to abnormal emissions, the operator shall:

3.3.1 Investigate and undertake remedial action **immediately**;

3.3.2 Adjust the process or activity to minimise those emissions; and

3.3.3 Record the events and actions taken. This shall be submitted in the annual report.

#### **4.0 WATER QUALITY**

4.1 Adhere with the provisions of the **Environmental Protection (Water Quality) Regulations, 2000**.

4.2 Direct discharge of untreated wastewater from the Project into the surrounding environment is **strictly prohibited**.

4.3 Chemical spills occurring during handling and loading of Oil & Gas Chemicals, **shall be** immediately cleaned as guided by the respective Safety Data Sheet and disposed at an EPA authorised disposal facility.

4.4 Direct all wastewater from the cable spooling process to the temporary holding tanks prior to discharge.

4.5 The temporary holding tanks for wastewater shall be inspected for leaks prior to use for the spooling process, and records shall be established, maintained, and available for inspection by the EPA upon request.

4.6 Secondary containment shall provide total containment, and no part of the tank infrastructure (e.g., dispenser, filling hoses, and valves) shall protrude outside the containment.

4.7 Existing secondary containment such as the drip pans and the plastic geomembrane around the equipment used and the resting spools shall be inspected monthly for cracks and breakage to ensure they are liquid-tight to withstand hydrostatic pressure of any contained liquid when full. A summarized inspection report shall be kept and provided to the EPA upon request.



- 4.8 Equipment (diesel tank, suction tank, returns tank and triplex pump) used shall be operated and maintained in accordance with the manufacturer's specifications.
- 4.9 Fuel/lubricants including waste oils/used oil shall not be drained from equipment onto the ground or into waterways.
- 4.10 Contaminated wastewater from greasy hands and equipment cleaning shall be collected and/or routed through the oil-water separator before discharge into the environment.
- 4.11 In the event of a spill, all wastewater shall be directed into the concrete containment drain which surrounds the parameters of the warehouse. The contaminated wastewater shall be collected, treated and disposed of by an EPA authorized hazardous waste treatment facility.
- 4.12 The containment drain shall be covered to prevent comingling of wastewater and storm water.
- 4.13 Flooring and drains shall be maintained with protective coatings to prevent seepage, damage or deterioration resulting from contact with spilt chemicals.
- 4.14 Adopt best-practice methods for plant cleaning using approved chemicals and/or detergents with minimal environmental impact.

## **5.0 NOISE MANAGEMENT**

- 5.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**
- 5.2 Equip all significant noise-producing equipment, such as generators, with silencers or mufflers and/or enclose in suitable acoustic enclosures where necessary, to reduce noise levels impacting the surrounding environment and to achieve compliance with GNBS requirement.
- 5.3 All generators and machines/equipment shall be serviced in accordance to manufacturer's specification to ensure efficiency and reduce the level of noise produced. A summarised maintenance report shall be submitted to the EPA as a component of the **Annual Report.**
- 5.4 Noise emissions shall be monitored at the Project's boundary to determine compliance with Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions into the Environment, not exceeding the industrial limits listed below:

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



- 5.5 The Permit Holder shall determine a noise quality monitoring plan and submit this plan along with noise quality test results to the Agency as part of the Annual Report. Monitoring shall be conducted by trained personnel using calibrated Type 2 Sound Level Meters.
- 5.6 Idling of equipment or vehicles shall be limited, as far as practical and all equipment or vehicles shall be switched off when not in use.
- 5.7 Machines/ equipment capable of causing noise shall be serviced in accordance to the manufacturer's specification to ensure efficiency and reduce the level of noise produced. A summarised maintenance report shall be maintained on-site and made available for inspection by the EPA upon request.

## **6.0 WASTE MANAGEMENT**

- 6.1 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 upon impervious base at strategic locations, both within and outside the facility.
- 6.2 Burning solid waste is **strictly prohibited**. All solid waste shall be disposed by an EPA Authorised Waste Disposal Company.
- 6.3 Good house-keeping, sanitary, and hygienic practices shall be maintained at all times.
- 6.4 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).

## **7.0 COMPLIANCE MONITORING AND REPORTING**

- 7.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, biohazardous 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).
- 7.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 7.3 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.
- 7.4 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.

- 7.5 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).
- 7.6 Submit an **Annual Report** to the EPA on your compliance with this Permit on or before **March 31, each year**.
- 7.7 Report to the Agency any non-compliance(s) with the Environmental Permit (Renewed, Varied & Modified):
- 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.
- 7.8 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.
- 7.9 It is the responsibility of the Permit Holder to ensure the permitted activity and premises are secured and that all practicable steps necessary to prevent fires, explosions, leaks or suspected leaks and spills at the permitted premises are taken.

## **8.0 INSTITUTIONAL AUTHORITY/ LIABILITIES**

- 8.1 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.
- 8.2 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.
- 8.3 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.
- 8.4 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 in excess of that prescribed by the regulations or stipulated by this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 8.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 6. and 6.4 of this Environmental Permit (Renewed), pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 8.6 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.
- 8.7 The Permit Holder shall be liable of any gross negligence or willful 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.
- 8.8 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.
- 8.9 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.
- 8.10 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, and the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000.
- 8.11 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.

- 8.12 The EPA has the right to modify, cancel or suspend this Permit for breach of any of the terms and conditions contained herein.
- 8.13 **This Environmental Permit (Renewed, Varied & Modified) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 8.14 This Environmental Permit (Renewed, Varied & Modified) is effective for the period stipulated herein; **February 2022 to January 2027.**
- 8.15 This Environmental Permit (Renewed, Varied & Modified) shall remain valid until **January 31, 2027** unless otherwise suspended, cancelled, modified or varied, in accordance with the provisions of this Permit or the Environmental Protection Act, Cap. 20:05, Laws of Guyana, Environmental Protection (Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.
- 8.16 This Permit must be renewed by submitting a completed *Application Form for Renewal of Environmental Authorization* to the Agency at least six months before this Permit expires, that is, no later than **July 31, 2026.**
- 8.17 Any late submission of renewal application after the specified date as stated above, the Agency 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 (GY\$2000.00) per day for every business day late**, until such renewal application is submitted to the Agency, without prejudice to any other rights of the Permit Holder in connection therewith.
- 8.18 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.




**Environmental Permit (Renewed, Varied & Modified)-Ref. 20190514-WHFSG**  
Issued under the Environmental Protection Act, Cap. 20:05, Environmental Protection  
(Amendment) Act, 2005, and the Environmental Protection (Authorisations) Regulations, 2000.

Signed by  on behalf of the Environmental Protection Agency

**Kemraj Parsram**  
**Executive Director**

Date: 18.12.2024

I hereby accept the above Terms and Conditions upon which this Environmental Permit (Renewed, Varied & Modified) 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 or forthcoming regulations, guidelines, best practices and standards made under this Act.

NAME	DIANE CHATTERSINGH
DESIGNATION	QHSE MANAGER.
SIGNATURE	
DATE	20 <sup>th</sup> DECEMBER, 2024



ENVIRONMENTAL PROTECTION AGENCY  
Database Updated