



**Environmental
Protection
Agency**

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Environmental Permit (Renewed & Modified)

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.:	20190712-CPODB
Fee:	Small (C2) - US\$175 per year
Fees to be Paid:	US\$875 for Five (5) years (May, 2024 – April, 2029)
Addressee:	Demerara Distillers Ltd Plantation Block A, Diamond, East Bank Demerara
Activity:	Operation of a Caramel Plant

Demerara Distillers Ltd., hereinafter referred to as the “Permit Holder,” is hereby authorised in accordance with the Environmental Protection Act, Cap 20:05, the Environmental Protection (Amendment) Act, 2005, and Environmental Protection (Authorisations) Regulations, 2000, to Operate a Caramel Plant at Plantation Block A, Diamond, East Bank Demerara, hereinafter referred to as the “Project,” in the manner indicated in the Renewal Application for Environmental Authorisation submitted on January 11, 2024, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, existing and/or forthcoming regulations made under the said Act, and/or any other applicable laws, guidelines, best practices, and standards relevant to this project.

This is a Renewal and Modification of the Operation Permit Reference No. 20190712-CPODB, issued on October 04, 2019, and will expire on August 31, 2024.

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

1.0 OPERATION

1.1 An application shall be made 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 Regulation 20(3) of the Environmental Protection (Authorisations) Regulations.
- 1.2 The inspection, maintenance, and repairs of the Caramel Plant and all equipment shall be conducted by Manufacturer's Specification.
- 1.3 Employees and third parties under the Project's direction shall be made aware of the conditions of the Environmental Authorisation.
- 1.4 The Project shall provide training on good environmental practices. An Annual training schedule shall be maintained on-site and made available for inspection by the EPA upon request.
- 1.5 Adhere to the requirements of the **Occupational Safety and Health Act, Cap. 99:06, Laws of Guyana.**

2.0 WATER QUALITY

- 2.1 Adhere to the provisions of the **Environmental Protection (Water Quality) Regulations, 2000.**
- 2.2 The project shall maintain the integrity of the existing waterways at all times. Discharges into the environment should 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 the general environment and should not be exceeded:

Parameter	Maximum Concentration	Units
pH	5.0-9.0	
Temperature	<40	°C
Biological Oxygen Demand (BOD)	<50	mg/L
Chemical Oxygen Demand (COD)	<250	mg/L
Total Suspended Solid (TSS)	<50	mg/L
Oil and Grease (O&G)	<10	mg/L
Total Nitrogen	<10	mg/L
Total Phosphorus	<2	mg/L

Water quality monitoring shall be conducted at the discharge point, (GPS coordinate: 6.42973, -58.11492) **annually** in accordance with the parameters listed above by trained personnel utilizing calibrated equipment. Records of each

monitoring exercise shall be maintained and results submitted to the Agency as a component of the Project's **Annual Report**.

- 2.3 Discharge of untreated liquid effluent into the surrounding waterways is **strictly prohibited**.
- 2.4 Perimeter drains shall be adequately sloped and maintained to collect storm flow.
- 2.5 Ensure the compound is well-drained via a drainage network, which should be kept free of debris and vegetation.
- 2.6 The oil- water separator at the Project shall be maintained.
- 2.7 Adopt best-practice methods for plant cleaning using approved chemicals and/or detergents with minimal environmental impact.

3.0 WASTE MANAGEMENT

- 3.1 In accordance with the **Environmental Protection (Litter Enforcement) Regulations, 2013**, promote good sanitation and solid waste disposal practices on site. Covered garbage receptacles shall be placed upon impervious base at strategic locations, both within and outside facility.
- 3.2 Burning of waste is **strictly prohibited**.
- 3.3 The Project shall promote waste minimisation and the reuse and/or recycling of waste and other materials where practical.
- 3.4 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).
- 3.5 The Project shall maintain the septic tank system onsite. Septic Tanks at all times shall be accessible for cleaning and de-sludging. Septic tanks should be installed with a sand and charcoal filter bed, or other appropriate design for further treatment. This must be in accordance with the Guyana National Bureau of Standards Code of Practice for the Design and Construction of Septic Tanks and Associated Secondary Treatment and Disposal Systems.
- 3.6 Any modification to the Septic Tank (s) must 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.

4.0 COMPLIANCE MONITORING AND REPORTING

- 4.1 Notify the Environmental Protection Agency within **one (1) hour** of the occurrence of any environmental emergencies (e.g., oil spills, hazardous

materials/wastes spills, 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).

- 4.2 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees and all third parties under your direction.
- 4.3 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.
- 4.4 Notify the Agency within **twenty-one (21) days** in the event of death, bankruptcy, liquidation or receivership of the Permit Holder or if the Company becomes a party to an amalgamation.
- 4.5 Maintain and submit to the Agency records of the type, composition, and quantity of contaminant released (i.e., any solid, liquid, gas, odor, sound, vibration, radiation, heat or combination of any of them).
- 4.6 Submit an **Annual Report** to the EPA on your compliance with this Environmental Permit on or before **March 31, of each year**.
- 4.7 Report to the Agency any non-compliance(s) with the Environmental Permit:
 - i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Authorisation for Operation 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.
- 4.8 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.
- 4.9 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.

5.0 INSTITUTIONAL AUTHORITY/ LIABILITIES

- 7.1 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.

- 7.2 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.
- 7.3 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.
- 7.4 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.
- 7.5 The Permit Holder shall be liable to compensate any person who suffers any loss or damage as a result of contravening conditions 8.3 and 8.4 of this Environmental Permit, pursuant to s. 19 of the Environmental Protection Act, Cap. 20:05, Laws of Guyana.
- 7.6 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, ultrahazardous substances, chemicals, or otherwise, and shall be rendered liable to prosecution and to penalties prescribed under the Environmental Protection Act and Regulations.
- 7.7 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.
- 7.8 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.
- 7.9 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.
- 7.10 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.


- 7.11 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.
- 7.12 The EPA has the right to modify, cancel, or suspend this Permit for breach of any of the terms and conditions contained herein.
- 7.13 **This Environmental Permit (Renewed & Modified) is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 7.14 This Environmental Permit (Renewed & Modified) is effective for the period stipulated herein; **May 2024 to April 2029.**
- 7.15 This Environmental Permit (Renewed & Modified) shall remain valid until **April 30, 2029**, 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.
- 7.16 This Permit must be renewed by submitting a completed Application Form for Renewal of Environmental Authorisation to the Agency at least six months before this Permit expires, that is, no later than **October 31, 2028.**
- 7.17 Any late submission of renewal application (s) after the specified date as stated above, may require the Permit Holder to pay, in addition to 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.
- 7.18 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 Kemraj Parsram on behalf of the Environmental Protection Agency



Date: 2024.05.23

I hereby accept the above terms and conditions upon which this Environmental Permit (Renewed & 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:	SHARON SUE-HANG
DESIGNATION:	DIRECTOR - TECHNICAL SERVICES
SIGNATURE:	
DATE:	2024 - 08 - 22



