



**Environmental
Protection
Agency**

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Environmental Permit

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.:	20230201-SFCIN
Fee:	Small (C1), i.e., US\$175 per year
Total Fee	US \$875 for 5 years (August 2023 to July 2027)
Addressee:	Mr. Selwyn Fernandes Owner Cool Ice Lot 5 Soesdyke, East Bank Demerara
Activity:	Operation of an Ice Manufacturing Facility

Cool Ice. 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 operate an Ice Manufacturing Facility at Lot 3 Sheila’s Lane, Soesdyke, East Bank Demerara, hereinafter referred to as the “Project”, in a manner indicated in the Application of Environmental Authorisation submitted on February 06, 2023, and subject to the terms and conditions set forth herein under the Environmental Protection Act, Cap. 20:05, Laws of Guyana, existing and/or forthcoming Regulations made under the said Act, and/or any applicable laws, guidelines, best practices, and standards relevant to this project.

The Permit Holder, His 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. A maintenance schedule shall be developed and established by **September 30, 2023**, for effective maintenance of the Chiller, Compressor, Generator and installations of fittings and pipes used by the facility. Maintenance reports shall be maintained on-site and made available to the EPA upon request.

1.3. All mechanical equipment shall be operated and serviced in accordance with manufacturer's specifications. Summarised maintenance records shall be maintained and submitted to the EPA upon request.

1.4. Fire prevention and control equipment shall be maintained in accordance with the Guyana Fire Service Approval. This may include a smoke detection and alarm system, fire extinguishers, fire hydrants, or sprinkler systems as appropriate.

1.5. Make all employees, and third parties under your direction, aware of the conditions of this Environmental Permit and provide training on environmental practices. Records of training shall be maintained and submitted to the agency upon request.

1.6. Adhere to the requirements of the **Occupational Safety and Health Act, Cap. 99:01, Laws of Guyana.**

2.0 MANUFACTURING OF CURBED/BLOCKS/ CRUSHED ICE

2.1 Flow diagrams of the manufacturing process shall be clearly posted on the walls of the areas where manufacturing operations are occurring.

2.2 The following warning signs shall be maintained at the Project:

- i. Authorized Personnel Only
- ii. Exit
- iii. Entrance
- iv. Fire Safety Equipment

2.3 Inspection, maintenance, and repairs of all equipment used at the facility, including fittings, pipes, and hoses shall be conducted in accordance with the Manufacturer's Maintenance Procedure and made available to the EPA upon request.

3.0 NOISE MANAGEMENT

- 3.1 Adhere to the provisions of the **Environmental Protection (Noise Management) Regulations, 2000.**
- 3.2 All significant noise-producing equipment, such as generators, compressors, and ice-making machines, 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) requirement.
- 3.3 Noise emissions shall be monitored at the boundaries of the property to determine compliance in accordance with Guyana National Bureau of Standards (GNBS) Guidelines for Noise Emissions into the Environment.

Residential Limits: 75 dB (Day-time (06:00 h -18:00 h))
60 dB (Night- time (18:00 h - 06:00 h))

- 3.4 Noise quality monitoring shall be conducted annually during normal operations by trained personnel utilizing calibrated Type 2 Sound Level Meters. Noise quality test results shall be submitted to the Agency as part of the **Annual Report.**
- 3.5 All equipment and machinery shall be placed upon foundations properly designed to ensure effective damping of vibrations.

4.0 WASTE MANAGEMENT

- 4.1 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 bases at strategic locations, both within and outside the facility.
- 4.2 Burning solid waste is **strictly prohibited.** All solid waste shall be disposed of by an EPA Authorised Waste Disposal Company.
- 4.3 Waste collection areas shall be kept clean. Dry methods shall be used when cleaning and handling waste and in the disposal areas (e.g., sweeping, use of absorbents).
- 4.4 The Permit Holder shall construct and 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.

4.5 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*.

5.0 HAZARDOUS WASTE (Waste Oil, Oily Rags, Etc.) MANAGEMENT

5.1 Adhere to the provisions of the **Environmental Protection (Hazardous Waste Management) Regulation 2000**.

5.2 In the event that oil-contaminated waste (from servicing and maintenance of the generator) shall be collected, treated, and disposed of by an EPA Authorised Hazardous Waste Disposal Facility.

6.0 COMPLIANCE MONITORING AND REPORTING

6.1 Notify the Environmental Protection Agency **within one (1) hour** of the occurrence of any environmental emergencies (e.g., 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).

6.2 Make all employees, and third parties under your direction, aware of the conditions of the Environmental Authorisation and provide training on good environmental practices. The annual training schedule shall be submitted in the **Annual Report**.

6.3 Monitor the implementation of the conditions of this Permit, insofar as they involve adherence by your employees.

6.4 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.

6.5 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.

6.6 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).

- 6.7 Submit an **Annual Report** to the EPA on the progress of the operation and compliance with the conditions under which this Permit was granted on or before **March 31, each year.**
- 6.8 Report to the Agency any non-compliance(s) with the Environmental Permit (Renewed):
- i. Within **twenty-four (24) hours** of the time the Holder of the Environmental Permit becomes aware of the non-compliance, 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.
- 6.9 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.
- 6.10 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.

7.0 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 (Renewed), 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 (Renewed), 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, ultra-hazardous 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 construction 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.

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- 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 is not the final consent; all relevant Permissions should be obtained from other regulatory bodies for continued operation.**
- 7.14 This Environmental Permit is effective for the period stipulated herein; **(August 2023 to July 2027).**
- 7.15 This Environmental Permit shall remain valid until **July 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, the 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 **January 31, 2027**.
- 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.

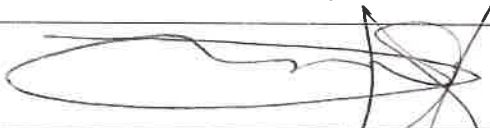
Signed by _____ on behalf of the Environmental Protection Agency

Mr. Kemraj Pararam
Executive Director
Environmental Protection Agency

Date

2023.08.08

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

NAME	SELWYN FERNANDES
DATE	Sept: 1: 2023
SIGNATURE	
DESIGNATION	MANAGING DIRECTOR

